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PUBLIC DOCUMENTS

OF THE

STATE OF WISCONSIN

BEING THE REPORTS OF THE VARIOUS

State Officers, Departments and Institutions,

For the Fiscal Term ending June 30, 1906.

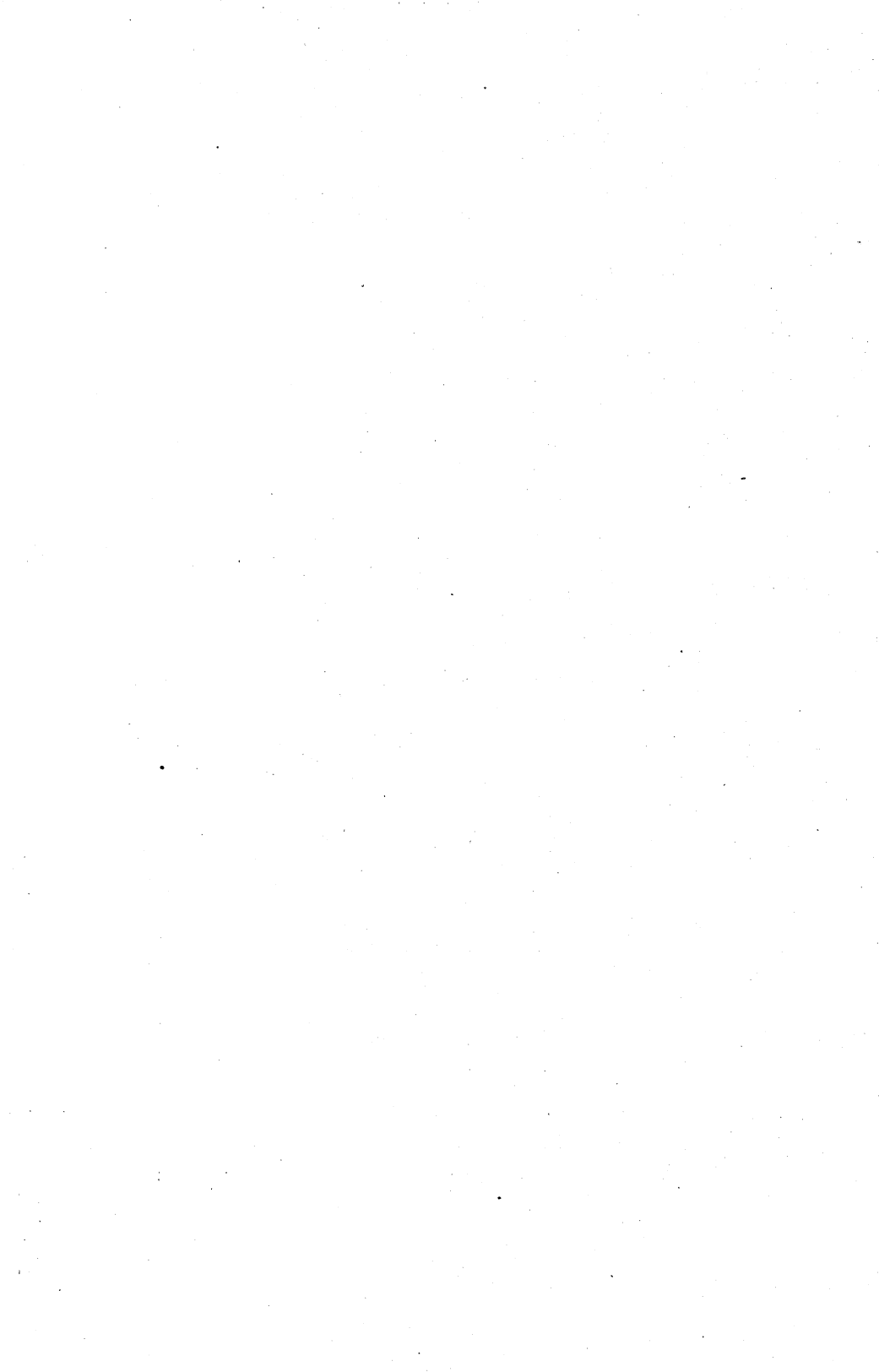
VOLUME 7



MADISON

DEMOCRAT PRINTING COMPANY, STATE PRINTER

1907



PUBLIC DOCUMENTS

FOR 1905-1906.

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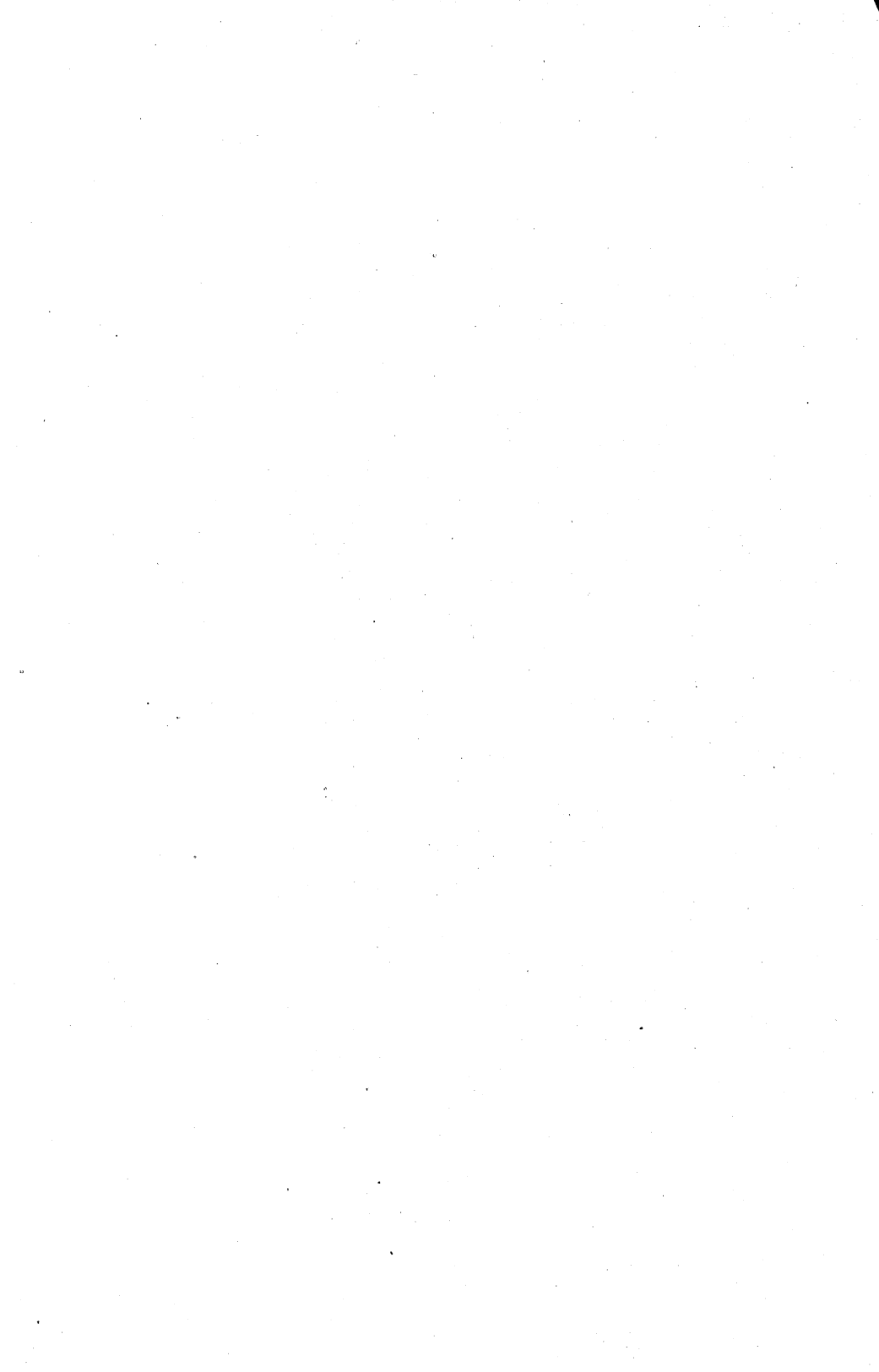
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LIVE STOCK JUDGING PAVILLION. STATE FAIR GROUNDS.

ANNUAL REPORT

OF THE

WISCONSIN

State Board of Agriculture

For the Year 1906.

JOHN M. TRUE, Secretary.



MADISON, WIS.

DEMOCRAT PRINTING COMPANY, STATE PRINTER

1906.

LETTER OF TRANSMITTAL.

To his Excellency, J. O. DAVIDSON,
Governor of the State of Wisconsin.

SIR:—I am pleased to herewith submit to you, the annual report of the Wisconsin State Board of Agriculture for the year ending March 6th, 1906.

JOHN M. TRUE,
Secretary.

OFFICERS

NE THE

Wisconsin State Board of Agriculture.

President—George McKerrow.
Vice President—George G. Cox.
Secretary—John M. True.
Treasurer—(Ex-officio) J. J. Kempf.

BOARD OF MANAGERS.

President—George McKerrow.
Vice Presidents—George G. Cox, C. G. Wilcox, Grant U. Fisher, George Wylie.

MEMBERS WISCONSIN STATE BOARD OF AGRICULTURE.

At Large—George Wylie, Morrisonville.
At Large—Grant U. Fisher, Janesville.
1st District—C. H. Everett, Racine.
2nd District—O. F. Roessler, Jefferson.
3rd District—George G. Cox, Mineral Point.
4th District—W. H. J. Kieckhefer, Milwaukee.
5th District—George McKerrow, Sussex.
6th District—C. W. Harvey, Beaver Dam.
7th District—J. L. Herbst, Sparta.
8th District—James J. Nelson, Amherst.
9th District—C. G. Wilcox, De Pere.
10th District—Ed. Nordman, Polar.
11th District—Laurens E. Scott, Stanley.

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LAWS

RELATING TO

Wisconsin State Board of Agriculture.

Wisconsin Statutes of 1898, Chapter 60.

Section 1456. The Department of Agriculture as heretofore established, is continued. its object shall be the promotion of the interests of agriculture, dairying, horticulture, manufactures and domestic arts.

Said department shall be managed by a board, to consist of one member from each congressional district, and two from the state at large, to be appointed by the governor, for terms of three years from the first day of January in the year of their appointment.

Not more than two-thirds of the members of said board shall be at the time of making any appointment thereto, members of the same political party. Vacancies shall be filled by the governor for the unexpired portion of the term.

Section 1457. The members of said board shall serve without compensation, but shall be reimbursed out of any funds set apart for their use by the state, or otherwise received by them, the sums actually expended in the performance of their duties.

Section 1458. Said board shall hold its annual meeting on the first Tuesday in March, and at such meeting shall elect one of its members as president, and one as vice president, and some person, not a member, as secretary, who shall hold his office for one year unless he is sooner removed by the board.

The state treasurer shall be ex-officio treasurer of the board.

Such officers shall perform such duties as usually pertain to such offices, and such as the board may direct.

Section 1458a. Said board may occupy such rooms in the capitol as may be assigned for that purpose by the governor.

They shall have sole control of the affairs of the Department of Agriculture, and all state fairs, and state fair grounds, and may make such by-laws, rules and regulations in relation to the management of the business of such department, and said fairs, and the offering of premiums thereat, as they shall from time to time determine.

The board shall make a report of its action to the governor, on or before the first day of December in each year.

Section 1458b. Whatever money shall be appropriated or otherwise received by said board, for the Department of Agriculture, shall be paid to the state treasurer, and be disbursed by him, on orders signed by the president and secretary of the board, for such purposes as, in the judgment of the board, will best promote the interests committed to their charge.

No officer, clerk or employee of said board shall have any claim upon the state for any salary or expenses, except such as may be allowed by the board, and paid from any appropriation or funds under their control; and the state shall not in any manner whatever be liable for any debt or obligation incurred, or contract made by said board.

Section 1466. The principal officers of the state board of agriculture,, shall have full jurisdiction and control of the grounds, on which such board may exhibit, and all the streets, alleys and other grounds adjacent to the same, during all such exhibitions, so far as may be necessary to exclude therefrom all other exhibitions, booths, stands or other temporary places for the retail or sale of any kind of spirituous or fermented liquors, or other articles, that they might deem objectionable.

The president, or in his absence, any vice-president acting in his stead, may appoint any necessary policeman to assist in preserving the peace, and enforce regulations upon the grounds and adjacent streets, who, for such purpose, shall have all powers of a constable and be entitled to similar fees.

Chapter ... , Laws of 1905.

Section 1. Section 1463 of the statutes of 1898, as amended by chapter 274 of the laws of 1901, is hereby amended so as to read as follows: Section 1463. There shall be paid within ten days after the first day of February, out of the state treasury, to each organized agricultural society, association, or board in the state, which shall have substantially complied with the following conditions, forty percentum of

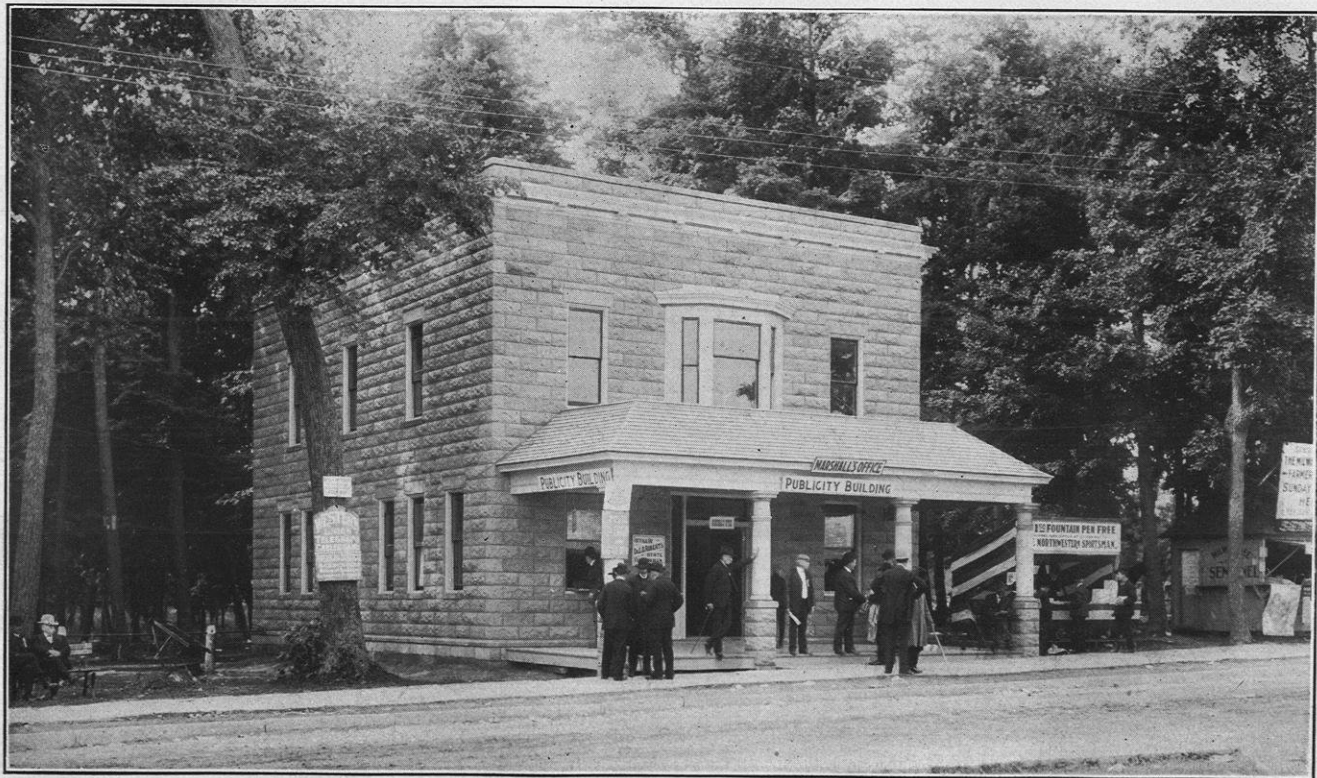
the total amount of premiums thereby paid at its annual fair for the preceding year, provided that in computing the amount upon which such percentum is to be paid, not more than one-half thereof shall have been paid for trials or exhibitions of speed, or other contest, for which published premiums have been offered. On or before the first day of February, in each year, the president and secretary of each society, association, or board, claiming state aid, shall file with the secretary of state a sworn statement of the actual amount of cash premiums and purses paid at the fair of the preceding season, which premiums and purses, must correspond with the published offers of premiums and purses, and a further statement that at such fair, all gambling devices whatsoever, and the sale of intoxicating liquors had been prohibited and excluded from the fair grounds, and all adjacent grounds under their authority or control. Such statement shall be accompanied by an itemized list of all premiums and purses paid, upon which such forty percentum payment is claimed, a copy of published premium list and speed list of fair, and a full statement of receipts and disbursements for the past year, duly verified by the secretary. Copies of such statements shall be deposited with the secretary of state and the secretary of the state board of agriculture. Such money shall be paid to the treasurer of the society, association, or board, upon his receipt, countersigned by the secretary. Provided, that the amounts to be paid to any such organized agricultural society, association or board, during any year, shall not exceed the following amounts to-wit:—to the State Board of Agriculture the sum of ten thousand dollars, to the Northern Wisconsin State Fair or the La Crosse Inter-State Fair Association, the sum of five thousand dollars each, and to any county agricultural society or other association or board above mentioned, the sum of one thousand and seven hundred dollars each.

Section 2. Sections 1458c of the statutes of 1898, 1458d of the statutes of 1898, as amended by chapter 356 of the laws of 1901, and chapter 337 of the laws of 1901, as amended by chapter 290 of the laws of 1903, are hereby repealed.

Section 3. Section 1464 of the statutes of 1898 is hereby amended so as to read as follows: Section 1464. All moneys received by any such society, association, or board, either from the state or any other source, after paying the necessary incidental expenses thereof, shall be paid out annually for premiums awarded, in such sums and in such way and manner as its by-laws, rules and regulations shall direct, on such live animals, articles of production, agricultural implements and tools, domestic manufactures, mechanical implements and productions as are the growth and manufacture of the district which such society,

association or board represents, but live stock, the growth of any other county, state or country, may receive the same premiums as those which are the growth of the district where fair is located, should the society, association or board governing so decide.

Section 4. All acts or parts of acts in conflict with the provisions of this act are hereby repealed.



PUBLICITY BUILDING. STATE FAIR GROUNDS.

ANNUAL REPORT
OF THE
Wisconsin State Board of Agriculture
1905.

MINUTES OF MEETINGS OF THE BOARD.

ANNUAL MEETING

Madison, March 15, 1905.

Present, Messrs. Wylie, Fisher, Everett, Klein, Kieckhefer, Cox, McKerrow, Harvey, Herbst, Nelson, Wilcox and Scott.
Vacancy in Tenth District.

The minutes of previous meetings read and approved.

On motion of Mr. Everett, voted to accept the dates for State Fair assigned by American Association of Fairs and Expositions September 11-15, inclusive.

On motion of Mr. Wilcox, Mr. W. G. Kirchoffer was re-elected official engineer of the board; and on motion of Mr. Cox, Dr. E. D. Roberts was chosen official veterinarian for next State Fair, to serve without pay.

Voted to grant use of track on fair grounds for Milwaukee Athletic High School Meet, subject to arrangement made with Milwaukee Driving Club.

The application of Wisconsin State Tobacco Association for publication of papers in annual report of board, was on motion of Mr. Everett referred to the secretary.

On motion of Mr. Wilcox, the secretary was instructed to notify Mr. A. von Cotzhausen of the termination of his lease of privileges at fair grounds on May 1st, and to send him a bill for balance of rent due.

On motion of Mr. Wilcox, lease of track and stable privileges to Milwaukee Driving Club was extended for coming season.

The secretary submitted his financial report for period from January 1st to March 6th, 1905, and the same was referred to a committee of audit, consisting of Messrs. Cox, Kieckhefer and Everett.

The committees on revision of premium list submitted reports which were considered, amended and adopted.

The superintendent of art department was allowed to arrange for loan exhibits in his department. He was also allowed to make certain changes in interior of Art Hall.

Mr. Wilcox from committee on speed, asked for an offering of \$27,000 in speed purses, with the understanding that the same guaranties be made by Milwaukee as last year. The request was adopted.

On motion of Mr. Wilcox the secretary was instructed to procure fifteen framed sets of views of State Fair grounds, to be used by members for advertising purposes.

On motion of Mr. Harvey, took a recess until 1:30 o'clock P. M.

1:30 o'clock P. M.

Quorum present. The committee of audit reported as follows: "Your committee of audit has examined the financial statement of the secretary and finds the same correct."

George G. Cox,
Wm. H. J. Kieckhefer,
C. H. Everett,

Committee.

On motion of Mr. Wylie, voted to amend Section 4 of "Duties of Officers" to read as follows:—

The treasurer shall receive and hold all moneys belonging to the board, keeping the same in a separate fund, and pay out the same only upon orders drawn by the secretary and countersigned by the president of the board.

He shall in person or by deputy, establish an office upon the fair grounds during each annual fair held, for the purpose of receiving from the secretary all moneys of the board coming into the hands of that officer, and for the payment of orders drawn upon the treasurer for payment of premiums, purses or other expenses.

He shall render a full report to the board at its annual meeting in each year, of all moneys received by him, and the amount paid out upon orders, which report in connection with that of the secretary, shall at this time be duly audited by the board, and from time to time, as required by the board, report the amount of funds in his possession belonging to the board.

On motion of Mr. Everett, voted to amend rule defining duties of superintendent of gates to read as follows:

The superintendent of gates shall have direct charge and oversight of all gate keepers and see that their work is properly done, in accordance with directions of the board of managers. He shall at stated periods, under the direction of the board of managers remove the accumulations of money from all turn stile boxes, counting the same to see that it agrees with the record of each turn stile, and turn the moneys so obtained over to the secretary, taking his receipt therefor. He shall also file with the secretary a daily statement of the receipts of each stila.

He shall establish at each place of entrance to fair grounds or grand stand, a person to change money to proper demoninations to be used in turn stiles.

He shall at close of fair, render a report to the board of managers, giving the names, time of service and amount paid each for service.

On motion of Mr. Fisher, proceeded to the election of officers for the ensuing year.

On motion of Mr. Everett, the secretary was instructed to cast the vote of board for Mr. George McKerrow for president. The ballot was cast and Mr. McKerrow declared elected.

On motion of Mr. Wylie, the president cast the ballot for board for Mr. George G. Cox for vice-president, and he was declared elected.

On motion of Mr. Everett, the president cast the vote of board for Mr. John M. True, and declared him elected.

Messrs. Wilcox, Fisher and Wylie were in like manner chosen additional members of board of managers.

The following named superintendents were elected, the new departments of "Grounds" and "County Exhibits" having been created.

Gates—C. D. Rosa, Beloit.

Privileges—O. F. Roessler, Jefferson.

Speed—C. G. Wilcox, De Pere.

Special Attractions—Wm. H. J. Kieckhefer, Milwaukee.

Forage and Transportation—John LeFeber, Milwaukee.

Horses—George G. Cox, Mineral Point.

Cattle—Geroge Wylie, Morrisonville.

Sheep—James Dillon, Mondovi.

Swine—W. C. Bradley, Hudson.

Poultry—Mrs. Adda F. Howie, Elm Grove.

Agriculture and Horticulture—J. L. Herbst, Sparta.

County Exhibits—C. H. Everett, Racine.

Dairy—L. E. Scott, Stanley.

Machinery—David Wedgwood, Little Suamico.

Art—James J. Nelson, Amherst.

Woman's Work—Mary E. Chadwick, Watertown.

Marshal—Grant U. Fisher, Janesville.

Grounds—C. W. Harvey, Beaver Dam.

On motion of Mr. Everett the salary of secretary was increased to \$1,500, and the allowance of \$300 for expenses con-

tinued; and Mrs. B. L. Wentworth was engaged as clerk and stenographer in office for ensuing year, at \$50 per month.

On motion of Mr. Wilcox, voted to engage Mr. Phillip as workman on fair grounds for coming year at \$50 per month for May, June, July, August, September and October, and \$45 per month for remainder of year.

On motion of Mr. Wilcox, President McKerrow and Secretary True were delegated to attend meeting at St. Paul, Minn., of representatives of Iowa, Minnesota and Wisconsin to consider the selection of special attractions for respective state fairs, and they were given power to sign contracts for such attractions.

On motion, secretary was instructed to write Mr. Currie, in charge of Canadian exhibit at last fair, that we would need space formerly occupied by him for exhibits for which premiums are offered.

Adjourned.

JOHN M. TRUE,
Secretary.

Madison, March 30, 1905.

Meeting of Board of Managers.

Present: Messrs. McKerrow, Fisher and Wylie.

Mr. Gregory, representing the Pain's Fire Works Company, and Mr. O'Donnell, representing the O'Donnell Fire Works Company, appeared before board with offers of fire works displays for state fair.

Mr. O'Donnell's proposition was accepted, to furnish full fire works display, with "Siege of Port Arthur" the central figure, Monday, Tuesday, Wednesday and Thursday evenings during state fair week on the percentage plan. The O'Donnell company is to receive the first \$1,000 of receipts of gates and grand stand after six o'clock p. m. After this it is to receive 50% of such receipts until they amount to \$5,000; when it returns to board of agriculture \$500, and after this, money is

divided evenly between company and board. The board has the right to annul the contract drawn at end of any performance, if it does not meet representations made.

Authorized secretary to arrange for balloon races at fair.

Adjourned.

JOHN M. TRUE,
Secretary.

State Fair Grounds, May 4, 1905.

Meeting of Board of Managers.

Present: Messrs. McKerrow, Cox, Wilcox, Fisher and Wylie; also members of board, Harvey and Kieckhefer.

The request of Sunday School Athletic League for use of grounds for meet was granted subject to regulations to be imposed by superintendent of grounds. Granted request of Knights and Ladies of Maccabees for location for rest room at coming state fair.

Mr. Harvey was allowed to arrange for immediate telephone service on grounds.

President and secretary were authorized to arrange for rough plans for amphitheater to expedite work of erection should means be provided.

In the purchase of turn stiles, the president was authorized to use his own judgment in selection and price.

On motion of Mr. Fisher, voted to lease no part of fair grounds the coming year for pasture or similar purposes; the renting of stalls and taking proper stock for pasture to be left to superintendent of grounds.

On motion of Mr. Cox, voted to pasture no horses in "in-field" that may interfere with training on track.

The secretary was instructed to procure designs for advertising material for next fair, and report to next meeting of board.

Adjourned.

JOHN M. TRUE,
Secretary.

Madison, Wis., May 17, 1905.

Meeting of Board of Managers.

Present: Messrs. McKerrow, Cox, Wilcox, Fisher and Wylie.

The secretary reported result of correspondence with Ferry & Clas relative to plans of live stock judging pavilion on fair grounds, and he was instructed to correspond with architect of Iowa pavilion to ascertain at what price Iowa plans can be obtained.

Allie Wooster came before board relative to furnishing a "Ladies' Relay Race" at coming state fair. On motion of Mr. Wilcox, voted to enter into contract with Mr. Wooster for such attraction for five days at fair, at an expense of \$2,000, and secretary was instructed to draw contract for same.

Mr. James T. Drought of Milwaukee made application for use of track for automobile meet and exhibition, June 2nd and 3rd or 9th and 10th.

Voted to grant use of track for dates named, for \$100, in case permission be obtained of Milwaukee Driving Club and trainers of horses on track.

Bids for furnishing advertising material for coming state fair were considered, and contracts awarded as follows: American Show Print Co., five thousand 21 x 28 hangers (3,000 tinned) at \$150; The Greve Show Printing Co., one thousand 8 sheet bills at \$175; and the American Sign Co., one thousand two hundred 100 x 24 cloth banners and five thousand 24 x 42 cloth banners at \$495.50.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, June 1, 1905.

Meeting of Board of Managers.

Present: Messrs. McKerrow, Cox and Fisher.

On motion of Mr. Fisher, voted to authorize the secretary to engage Dana's Military Band for two days at state fair at \$500, provided that if required they would also furnish music in evening.

On motion of Mr. Cox, the secretary was authorized to secure other music at an expense not to exceed \$1,000.

The secretary was instructed to notify U. S. Inspector Behmke that this board will co-operate with him in a demonstration of bovine tuberculosis.

On motion of Mr. Fisher, Superintendent Harvey was instructed to procure estimates of contemplated improvements and repairs in dairy building, and report at next meeting.

The secretary reported a failure to secure any plans whatever of Iowa pavilion, and on motion of Mr. Fisher, Ferry & Clas were instructed to at once, prepare plans sufficient to enable work to be commenced on new live stock judging pavilion as soon as legislative appropriation is received.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, June 12, 1905.

Meeting of Board of Managers.

Present: Messrs. McKerrow, Cox, Wilcox and Fisher.

Mr. A. C. Clas, architect, came before the board with plans for contemplated live stock judging pavilion. The board located building.

On motion of Mr. Wilcox, Mr. Clas was instructed to obtain bids for construction of pavilion, to be considered at an adjourned meeting.

Mr. E. A. Hartman submitted an offer to handle the bill posting advertising of state fair in the state this season, in accord-



ENTRANCE STATE FAIR GROUNDS.

ance with a list of towns submitted, for \$903.50, and on motion of Mr. Cox the offer was accepted.

Adjourned, to meet at office in Madison to-morrow at 10 o'clock a m.

JOHN M. TRUE,
Secretary.

June 13, 1905.

Adjourned meeting.

Present: Messrs. McKerrow, Cox, Wylie and Fisher.

Adjourned until Friday, June 16, at one o'clock p. m., at fair grounds.

JOHN M. TRUE,
Secretary.

Fair Grounds, June 16, 1905.

Meeting of Board of Managers.

All members present except Mr. Wylie.

Mr. H. A. Bushea, representing the Gaskill Carnival Company, was present, and offered terms for exhibiting upon grounds during coming state fair. He was requested to submit contract to next meeting of board for consideration.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, June 20, 1905.

Meeting of Board of Managers.

All members present.

The contract of Mr. H. A. Bushea for Gaskill Carnival Company was presented by secretary, and on motion of Mr. Fisher the same was accepted and president authorized to sign same.

Mr. Clas, architect, submitted bids for the construction of live stock judging pavilion according to plans and specifications adopted by board as follows: Chas. Luenzman Co., \$54,475; Chas. Luenzman Co., without iron, \$35,475; Henry Ferge, \$56,533; D. B. Danielson, \$45,923. Mr. Danielson deducted \$1,150 for roof without ceiling, and \$300 for change from white pine to hard pine flooring; and his amended bid at \$44,473, was submitted to meeting of full board.

Bids for iron and iron work were received as follows: Worden-Allen Co., \$20,970; Modern Steel Construction Co., \$21,290; American Bridge Co., \$24,000.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, June 20, 1905.

Meeting of State Board of Agriculture.

All members present.

Minutes of meetings of board of managers since annual meeting were read and approved.

The board of managers submitted bid of Mr. Danielson for construction of live stock judging pavilion at \$44,473, and on motion of Mr. Everett the bid was accepted, and president authorized to sign contract for such construction. Bond fixed at \$20,000.

On motion of Mr. Harvey, Mr. McKerrow was elected to succeed himself as member of live stock sanitary board from this board.

Board of managers was instructed to proceed with erection of central toilet building in accordance with plans to be furnished by Mr. Clas.

On motion of Mr. Scott, the board of managers in conference with superintendent of dairy department, are to provide a suitable refrigerator for dairy building.

On motion of Mr. Cox, the board of managers was instructed to obtain bids for reshingling roofs of such buildings as need such repairs.

On motion of Mr. Harvey, the board of managers was instructed to advertise for bids for the construction of 5,000 feet, more or less, of concrete walk, the board to do excavating and filling foundation with cinders.

On motion of Mr. Everett, the board is to build a "Publicity Building" if it can manage funds for such improvement.

On motion of Mr. Cox, the election of press agent was taken up, and Mr. Bart Ruddle was elected at a salary of \$200.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, July 6, 1905.

Meeting of Board of Managers.

All members present.

Superintendent of Grounds Harvey reported that he had received four bids for building concrete walk at 10 cents per square foot; the board to do excavating and putting in of cinder foundation, and he was instructed to notify bidders that all bids being alike, new bids would be received; he being authorized to contract with most satisfactory bidder.

Mr. Culver, representing Dode Fisk with his trained horse act, was before the board with an offer of \$200 for day and evening throughout week of fair, with weather provision and a guaranty of satisfaction involving a forfeit of \$50.00.

On motion of Mr. Fisher, the proposition was accepted.

On motion of Mr. Wylie, the superintendent of privileges was instructed to rent all buildings and grounds in present condition, without promises of improvements or additions.

On motion of Mr. Wilcox, voted to change specifications of "Central Toilet Building" submitted by Mr. Clas, from "tooth chiseled concrete blocks," to "rock faced concrete blocks" in enumerating material to be used in construction.

On motion of Mr. Wilcox, voted to close with Mr. Danielson to move "Farmer's Home" dining hall 38 feet, for \$150; he to put in needed sills, the board furnishing lumber.

Voted to reduce bond of Mr. Danielson on construction of live stock judging pavilion, from \$20,000 to \$10,000, the same to be secured from some surety company.

On motion of Mr. Wylie, voted to contract with Interior Wood Work Company for a roof of "Paroid" on one of the horse barns for \$160.80, two-ply paroid roofing to be used; and work to be guaranteed to stand eight years.

On motion of Mr. Wilcox, voted to proceed to build both the central toilet building and the publicity building, bids for construction to be solicited for consideration at an adjourned meeting Wednesday, July 12th.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, July 12, 1905.

Meeting of Board of Managers.

All members present.

Mr. Hufschmidt, representing Parke, Davis & Co., submitted a proposition to furnish material and disinfect buildings on fair grounds during state fair without expense to board. Proposition accepted.

The Milwaukee Driving Club applied for use of old paddock, now used for pigeon department at fair; and on motion of Mr. Wylie the request was granted subject to consent of Mrs. Howie, superintendent of poultry department.

The application of commissioner of agriculture of Louisiana for space at fair for car containing exhibit of state's resources, was granted.

The full board was chosen as delegates to the National Reciprocity Conference in Chicago, August 15-17.

Mr. Potter of West Allis was given rough plans for "Pub-

licity Building," and instructed to draw plans and specifications of building for use of contractors; he to receive \$20.00 for such plans and specifications, unless he be the successful bidder for construction, in which case he makes no charge for same.

Mr. White of Elkhorn, asked for privilege of holding public sale of stock on fair grounds during state fair; no expense to board. Privilege granted for Friday, September 15th.

On motion of Mr. Wylie, voted that when the board adjourn, it be until next Wednesday, July 19th, at eleven o'clock a. m., at fair grounds.

Messrs. Fisher and Harvey were authorized to contract with Whitnall-Rademaker Supply Company for walls and foundations of "Central Toilet Building," material to be concrete.

Voted to place \$300 with The Wisconsin Agriculturist in advertising coming fair.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, July 19, 1905.

Meeting of Board of Managers.

Present: Messrs. McKerrow, Wilcox, Fisher and Wylie.

Mr. McKerrow reported that he had visited Chicago and obtained an offer of self registering turn stiles from the Chicago House-Wrecking Company, and on motion of Mr. Fisher, it was voted to purchase twenty such stiles at \$30.00 each.

Professor Farrington and Mr. Moore asked for certain improvements in dairy building, and on motion of Mr. Wilcox, Mr. Harvey was instructed to have same made.

Opened bids for plumbing in central toilet building. Two bids were received as follows: Smith-Blodgett Co., \$990; J. B. Russell, \$920; and on motion of Mr. Wylie, Mr. Russell's offer was accepted.

Bids for completion of central toilet building and publicity building were received; and the bids of W. T. Carson for the

former, at \$666.30 and the latter for \$1,720 by H. G. Potter were accepted, they being respectively, the lowest bids received. Secretary was authorized to draw contracts for these several jobs.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Aug. 2, 1905.

Meeting of Board of Managers.

All members present.

The proposition to have second story rooms of publicity building sized and tinted instead of plastered, was submitted and accepted, no additional expense to result.

Mr. Carson not having signed the contract for construction of central toilet building, it was voted that in case Mr. Carson does not sign contract, the work be let to Mr. Potter, the next higher bidder.

Bids were received for construction of septic tank in connection with toilet building, and the contract awarded to the lowest bidder, Mr. D. B. Danielson, at \$297.00.

On motion of Mr. Fisher, voted to move spring house in grove, to position near art hall.

On motion of Mr. Cox, voted to purchase twenty-five iron and slat settees of Hennecke Co., at \$1.75 each.

On motion of Mr. Cox, Mr. Harvey was instructed to erect bill-board near main entrance outside of fence.

On motion of Mr. Wylie, voted to pay Mr. Danielson, on judging pavilion, such an amount as Architect Clas may approve.

Adjourned until Thursday, Aug. 10th.

JOHN M. TRUE,
Secretary.

Fair Grounds, Aug. 10, 1905.

Meeting of Board of Managers.

Present: Messrs. McKerrow, Wilcox, Fisher and Wylie.

Mr. Drought of Milwaukee presented the question of an auto race for state fair. The matter was laid over for consideration at an adjourned meeting to be held in conjunction with Milwaukee Committee of Conference in city, August 18.

The secretary was instructed to order flags and cots of Chicago House Wrecking Company at prices quoted, if goods were found satisfactory.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Aug. 18, 1905.

Meeting of Board of Managers.

All members present except Mr. Cox.

Mr. Wilcox was authorized to purchase three wheel scrapers.

The secretary was authorized to draw an order for Mr. H. G. Potter for \$500 on contract for building publicity building.

The secretary was instructed to purchase twenty 15 foot flags for new pavilion, and thirty-four 9 foot flags for grand stand, at best prices obtainable.

The secretary presented offer of Gollmar Bros. circus to advertise fair in connection with their shows; and secretary was authorized to accept offer if places of showing were advantageous.

The secretary was also instructed to make the owner of "Audubon Boy" an offer for fast mile at fair. He was also instructed to get price for telephone system on grounds.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Aug. 25, 1905.

Meeting of Board of Managers.

Present: Messrs. Cox, Fisher and Wylie, Mr. Cox presiding.

Mr. Brockhausen, representing the Federation of Labor, requested permission to distribute literature from a booth during state fair. Permission granted.

The superintendent of grounds was instructed to at once repair fence and put stands on same for police; also to arrange a set of turn stiles to illustrate workings, before next meeting of board.

The secretary was instructed to obtain further information as to cost of telephone system on grounds, so far as rental of phones was concerned.

Voted to place \$40 in advertising with Farmer's Sentinel.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Sept. 1, 1905.

Meeting of Board of Managers.

All members present.

Mr. Danielson asked to be allowed to furnish canvas cover for amphitheater during the fair, he being unable to complete building in time specified in contract, and permission was granted.

The secretary reported that in accordance with directions of board he had contracted with Standard Telephone Company for telephone circuit of grounds.

Bills of Whitnall-Rademaker Supply Co. for concrete block construction on publicity building and central toilet at \$1,442.46 and \$922.33 respectively; were presented and allowed.

The bill of Interior Wood Work Co. for roofing barn was allowed at \$160.80.

Voted that in the 2:06 pace, \$200 be added to purse for 1st and 2nd horses in case they beat track record, and \$100 extra be given in case the winner be a Wisconsin horse.

Voted to offer owner of "Audubon Boy" \$200 for exhibition race, \$400 if he beat track record, and \$1,000 if he equal 2:00. If a race can be secured between "Dan Patch" and "Audubon Boy," board offered \$1,000 for winner and \$500 to other horse.

The car advertising in city was left to Press Agent Ruddle.
Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Sept. 6, 1905.

Meeting of Board of Managers.

Present: Messrs. Wilcox, Fisher and Wylie.

Mr. O'Donnell asked for an additional expenditure of money in advertisement of the fire works feature of fair, and it was voted to grant a further appropriation of \$50.

Mr. Wilcox was authorized to ask aid of Mr. Beggs of Street Railway Co. in advertising fair.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Sept. 7, 1905.

Meeting of Board of Agriculture.

Quorum present.

Mr. Harris, representing the Pacific Borax Company, was granted the privilege of driving a twenty mule team attached to wagon upon fair grounds during the fair, the board to furnish place for shelter tent and give medal for exhibit.

Mr. O'Donnell made request for tickets to be used in placing advertising of fire works, which was granted, and the board fur-

ther instructed Superintendent Kieckhefer to provide team for advertising purposes of same event.

Appropriated \$125 for building of front entrance to Pike.
Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Sept. 14, 1905.

Meeting of Board of Agriculture.

Quorum present.

The marshal was authorized to swear out warrants for arrest of parties caught breaking fence or selling concessionaire's tickets outside of gates.

Protest of Ray Biggs against payment of premiums in department A was received, reading as follows:

"I hereby protest first and second prize winners in class 9, prize number 109."

Signed,

RAY BIGGS,
MRS. RAY BIGGS.

Protest was filed, and secretary instructed to withhold payment of premiums until further notice.

The request of Mr. Harding to be allowed to remove his cattle before time authorized by rules, was left to president for decision.

Voted to hold a meeting of board at Beaver Dam September 28th.

Voted, that when we adjourn it be until tomorrow evening at seven o'clock.

In matter of special race for tomorrow, voted to give \$100 in case present track record is broken.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Sept. 15, 1905.

Meeting of Board.

Quorum present.

The report of W. C. T. U. Rest Room committee was received, and consideration laid over.

Bills in the hands of secretary were presented and audited by board.

Settlement of questions connected with speed department was left with Superintendent Wilcox.

Adjourned.

JOHN M. TRUE,
Secretary.

Beaver Dam, Wis., Sept. 28, 1905.

Meeting of Board of Agriculture.

All members present except Scott and Klein.

Bills were presented and audited.

Application of Mr. Rosenthal of Milwaukee for assistance on account of injury to boy by kick of horse at fair was refused.

In the matter of the protest of Ray Biggs of payment of premiums in department A, voted to pay premiums as awarded, except that Mr. Biggs be paid \$25 instead of \$10.

Mr. Wylie was chosen to attend meeting of American Hereford Association and endeavor to obtain a special exhibit of that breed of cattle for next state fair.

On motion of Mr. Everett, voted to put in concrete bridge reinforced with steel, this fall, on street from main entrance to grand stand, and the board of managers was authorized to obtain plans and specifications, and let contract for construction.

Recess until afternoon.

Afternoon, September 28.

Quorum present.

On motion of Mr. Harvey, voted to agree to give 50 cents per lineal foot for laying of water pipe not less than 8 inches in size, by West Allis village authorities, for such distance in front of grounds as may be designated by this board, provided that the whole expense shall not exceed \$500.

Mr. Wilcox was authorized to procure medals for the girls engaged in relay race at state fair; such medals not to exceed in cost \$10 each.

On motion of Mr. Fisher, a vote of thanks was given to Mr. and Mrs. C. W. Harvey for the pleasant entertainment of the board at this visit.

The secretary was instructed to draft resolutions expressing the appreciation of the board for assistance rendered in its work by associations, press, officials and citizens of Milwaukee, which were submitted as follows:

"Whereas, The recent Wisconsin state fair was eminently satisfactory to visitors, patrons and managers, leaving the State Board of Agriculture in excellent position to take up the work of another year, it gratefully acknowledges the various influences and efforts that made such success possible, and unanimously adopts the following resolutions:

"Resolved, That the Wisconsin State Board of Agriculture hereby begs to express its keen appreciation of the assistance it received from the press of the state at large and of the city of Milwaukee; the Merchants' and Manufacturers' Association of Milwaukee; the Citizens' Business League of Milwaukee, the city officials and other public-spirited gentlemen who by their influence aided us in our work.

"Resolved, That we highly value the counsel and effective assistance rendered by the Milwaukee Committee of Conference and its able and efficient secretary, and trust that this organization may be continued."

Mr. Danielson asked for an additional payment on pavilion

in consideration of the amount of material he has now on the grounds.

The secretary was instructed to correspond with the architects relative to propriety of granting such request, and if approved to pay such an amount as added to previous payments would not exceed 50% of contract price.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Oct. 11, 1905.

Meeting of Board of Managers.

Present: Messrs. McKerrow, Cox, Wilcox, Fisher and Wylie.

Plans and specifications for concrete-steel bridge near power house were presented by Engineer Kirchoffer and adopted.

Bills for construction of same were received from J. W. Mitchell for \$725, and D. B. Danielson for \$884. The bid of Mr. Mitchell was accepted and a contract executed for construction.

Voted that in case of Superintendent Harvey's inability to attend to work upon grounds this fall, that Mr. Cox be chosen to superintend such work.

Authorized Engineer Kirchoffer to propose plans and specifications for a one-arch concrete-steel bridge across track, street and sidewalk on north side of grounds, and report same to board.

Instructed superintendent of grounds to remove dirt on track this fall, preparatory to putting in bridge in the spring.

Secretary was instructed to correspond with Mr. Fleming, relative to payment of rent for stable and pasturage of cow.

Voted to build small barn near residence for team.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Nov. 9, 1905.

Meeting of Board of Managers.

Present: Messrs. McKerrow, Cox and Wylie.

Messrs. Fisher, Wilcox, Everett, Herbst and Harvey were elected delegates to the annual meeting of the American Association of Fairs and Expositions; and Messrs. McKerrow, Wylie and Cox to meetings of Live Stock Associations to be held the same week; the latter to work in the interests of exhibits for next fair.

Opened bids for construction of a concrete-steel bridge under race track and joining street at north end of grounds, in accordance with the plans and specifications of Engineer Kirchoffer, and found as follows

Geo. Nelson, \$4,270; D. B. Danielson, \$3,935; Newton Engineering Co., \$3,929; J. W. Mitchell, \$3,636; Sponholz Co., \$3,400.

Sponholz Co. amended their bid by agreeing to finish that part of bridge under race track, 70 feet—on or before May 15th, contractors to be allowed \$5.00 per day bonus for each day such part of contract is completed before May 15th, and said contractors to forfeit \$5.00 per day for each day that work is prolonged after May 15th. Contractors also agreed to give a surety bond of \$1,500 for proper and timely performance of contract. With these amendments the bid of Sponholz & Co. was accepted.

Agreed with J. W. Mitchell to put in wing walls of concrete between wagon and sidewalk bridges, across creek and power house; such wings to be 17 and 18 feet in length, respectively, and 9 feet in height, 5 feet in ground; consideration \$135.00.

The secretary was instructed to pay Contractor Danielson such amount on contract as architects' estimate may show to be due him.

The secretary was further instructed to pay Mr. Mitchell for bridge over creek, upon the statement of Engineer Kirchoffer of its completion; also to pay the amount due Mr. Carson

on toilet building, on statement of completion by Superintendent Cox.

Adjourned.

JOHN M. TRUE,
Secretary.

Madison, Feb. 19, 1906.

Special meeting of Board of Agriculture.

Present: Messrs. Wylie, Fisher, Roessler, Kieckhefer, Harvey, Cox, McKerrow, Herbst, Nelson and Wilcox.

Secretary read a communication from family of Mr. Klein, deceased member of board, acknowledging in appropriate terms courtesies extended by the board at funeral of deceased.

Mr. Cox moved the appointment of a committee of three on resolutions on death of Mr. Klein. Adopted. President appointed Messrs. Cox, Kieckhefer and Harvey as such committee.

Secretary presented communication from secretary of West Allis Gun Club, asking for use of fair grounds for shooting during the remainder of winter and early spring. Board declined to grant request.

On motion of Mr. Fisher, voted to endorse the action of President McKerrow in protesting against the location of Milwaukee City Isolation Hospital near state fair grounds; and on motion of Mr. Kieckhefer the president and secretary were requested to see land commissioners and urge them to use all possible means to prevent the building of Isolation Hospital near the state fair grounds.

Elected Mr. Wilcox delegate from board to annual meeting of Great Western Trotting Circuit, and Mr. McKerrow was chosen alternate delegate.

On motion of Mr. Wylie, the president was instructed to appoint committees on consideration of live stock classes in premium list; agriculture, horticulture and dairy; fine arts and woman's work; speed and special attractions, and tickets and gates; and committees were named respectively as follows:

Cox, Wylie and Fisher.

Herbst, Scott and Nordman.

Nelson, Everett and Harvey.

Wilcox, Kieckhefer and Roessler.

McKerrow, Harvey and Wylie.

These committees are to report their recommendations to annual meeting.

The president appointed Messrs. Kieckhefer, Cox and Fisher a committee to audit financial statements of secretary and treasurer for year ending March 6th, 1906.

The committee on resolutions on death of Mr. Klein reported as follows:

“Whereas, It has pleased Almighty God to take from our midst George Klein, an honored and respected member of this board, and

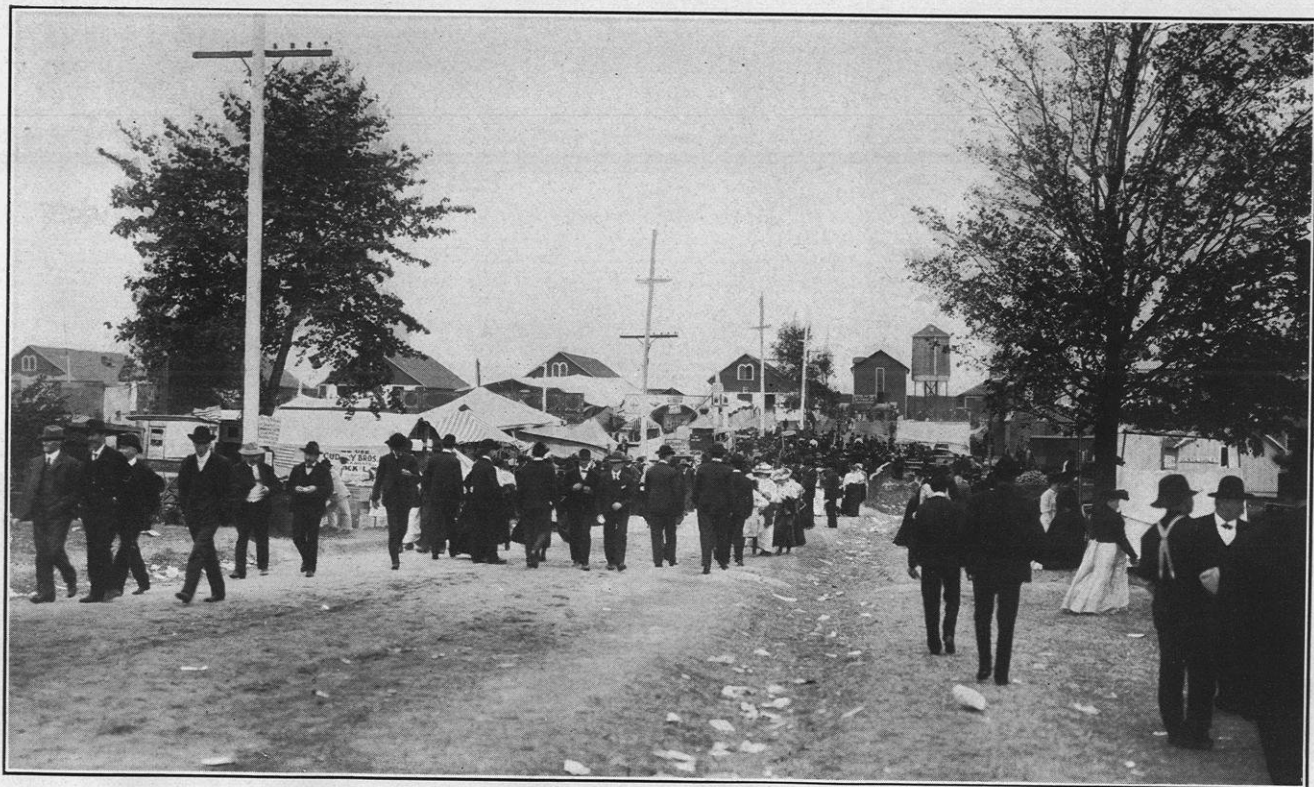
Whereas, In his death we lose a man of irreproachable character, a man respected by his fellow members, who will miss his jovial good nature and mature judgment, therefore,

Resolved, That we offer to the sorrowful wife and family of the departed member and friend our sympathy, and direct that a copy of these resolutions be engrossed by the secretary and presented to the wife of the deceased; and further, be it

Resolved, That these resolutions be spread upon the minutes of this board, and a copy be furnished Hoard’s Dairyman, The Jefferson Banner and The Wisconsin Agriculturist for publication.”

Adjourned.

JOHN M. TRUE,
Secretary.



MIDWAY. STATE FAIR GROUNDS.

SECRETARY'S FINANCIAL STATEMENT.

RECEIPTS.

No.	From whom and for what.	Amount.
1.	Milwaukee Driving Club, rent, season 1904.....	\$135 00
2.	Emil T. Gunz, stall rent, 1904.....	20 00
3.	H. M. Roys, stall rent, 1904.....	2 40
4.	State of Wisconsin, annual appropriation, 1904.....	4,000 00
5.	State of Wisconsin, 10 per cent of premiums paid, 1904	3,354 50
6.	F. W. Harding, Wis. Shorthorn Breeders' Assoc. Con., 1904	150 00
7.	C. W. Harvey, collections of rent, 1904.....	20 00
8.	State Treasurer, refund of lost orders.....	209 63
9.	H. E. & E. M. Moore, refund of premium, 1904.....	5 00
10.	E. Klinkert, stall rent, 1904.....	32 00
11.	C. W. Harvey, sale of horse, etc.....	51 00
12.	A. von Cotzhausen, balance on rental of grounds, 1904	70 00
13.	American Trotting Association, suspension speed.....	640 00
14.	American Trotting Association, return over payment..	10 00
15.	C. W. Harvey, stall rent, 1904.....	20 00
16.	Waldo Thorn, suspension speed.....	125 00
17.	A. von Cotzhausen, rent of stalls.....	21 00
18.	Jas. T. Drought, rent of grounds for automobile meet.	100 00
19.	C. W. Harvey, collections.....	30 35
20.	A. von Cotzhausen, stall rent.....	21 00
21.	C. W. Harvey, stall rent.....	35 50
22.	A. von Cotzhausen, pasturage.....	6 00
23.	P. J. Liston, suspension speed.....	105 00
24.	John Grape, entry fee.....	2 00
25.	American Trotting Association, suspension speed.....	64 65
26.	M. H. Gosche, speed entry.....	62 50
27.	C. G. Long, speed entry.....	62 50
28.	J. A. Milburn, speed entry.....	75 00

No.	From whom and for what.	Amount.
29.	American Show Print Co., duplicate order 184.....	150 00
30.	C. W. Harvey, stall rent.....	47 50
31.	Mrs. Rhoda Goldberg, speed entries.....	50 00
32.	T. C. Neal, speed entries.....	25 00
33.	J. H. Leeds, speed entries.....	125 00
34.	Babcock, Winne & Hoyle, speed entry.....	25 00
35.	T. W. Kinser, speed entry.....	125 00
36.	Buttonwood Stock Farm, speed entries.....	250 00
37.	H. M. Hoffman, speed entry.....	125 00
38.	E. M. Blessing, speed entry.....	25 00
39.	Woodlawn Farm Co., speed entry.....	25 00
40.	J. L. Schillinger, speed entry.....	187 50
41.	Henry Bros., speed entry.....	25 00
42.	Frank Rayburn, speed entry.....	62 50
43.	J. C. Mowry, speed entry.....	125 00
44.	J. H. Mack, speed entry.....	25 00
45.	J. B. Fitzsimmons, speed entry.....	125 00
46.	Frank Leake, speed entry.....	62 50
47.	Frank Colby, speed entry.....	125 00
48.	John Bassett, speed entry.....	62 50
49.	Ed Holland, speed entry.....	62 50
50.	John Splan, speed entry.....	50 00
51.	C. H. Gardner, speed entry.....	125 00
52.	S. S. Brandt, speed entry.....	125 00
53.	J. F. Barbez, speed entry.....	25 00
54.	B. A. Pomeroy, speed entry.....	62 50
55.	J. A. Barrett, speed entry.....	187 50
56.	Colonel A. E. Brackett, speed entry.....	62 50
57.	George Spencer, speed entry.....	12 50
58.	Fred Kleiner, speed entry.....	25 00
59.	Peter Vredenburgh, speed entry.....	25 00
60.	Lu Green, Jr., speed entry.....	150 00
61.	S. L. Branch, speed entry.....	62 50
62.	Carl Rooks, speed entry.....	62 50
63.	W. W. Fleming, speed entry.....	125 00
64.	Matt I. Williams, speed entry.....	25 00
65.	W. H. McLain, speed entry.....	125 00
66.	C. H. Aldrich, speed entry.....	25 00
67.	S. H. Newman, speed entry.....	50 00
68.	W. H. Gostlin, speed entry.....	25 00
69.	Ray McDonald, speed entry.....	125 00
70.	Wm. Dagler, Jr., speed entry.....	87 50
71.	C. B. Wilson, speed entry.....	25 00

No.	From whom and for what.	Amount.
72.	W. H. Judy, speed entry.....	12 50
73.	F. T. Reed, speed entry.....	25 00
74.	L. J. Gripman, speed entry.....	12 50
75.	John Hussey, speed entry.....	125 00
76.	Leo B. Marks, speed entry.....	62 50
77.	J. C. Adams, speed entry.....	112 50
78.	Prosper Van Noyen, entry fee and stall rent.....	11 00
79.	C. W. Harvey, stall rent and pasturage.....	52 25
80.	F. J. Lindley, entry fee, Dodge county exhibit.....	2 00
81.	F. A. Pamperin, speed entry.....	25 00
82.	Prosper Van Noyen, stall rent.....	2 00
83.	Llewellyn & Sons, entry fee and stall rent.....	29 00
84.	Mary C. Nicholson, entry fee.....	2 00
85.	Matilda H. Alvord, entry fee.....	2 00
86.	A. K. Ferris, entry fee.....	2 00
87.	Herman Goetsch, entry fee.....	2 00
88.	American Trotting Association, suspensions speed.....	102 60
89.	A. von Cotzhausen, pasturage.....	17 00
90.	Rust Bros., entry fee and stall rent.....	26 00
91.	Mrs. Thos. Bowes, entry fee.....	2 00
92.	John H. Curtis, entry fee.....	2 00
93.	Seymour Bros., entry fee and stall rent.....	12 00
94.	W. Woodard, entry fee.....	2 00
95.	Ole Esker, entry fee.....	2 00
96.	J. L. Butt, withdrawal speed.....	50 00
97.	J. G. Hickcox, entry and stall rent.....	16 00
98.	W. G. Bartholf, entry fee.....	2 00
99.	H. Fassbender, entry fee.....	2 00
100.	B. G. Bursch, entry fee.....	2 00
101.	Ed. Wunsch, entry fee.....	2 00
102.	A. McLane, entry fee.....	2 00
103.	Sleep Bros., entry and stall rent.....	26 00
104.	Fox Bros., entry fee.....	2 00
105.	Wm. Everson & Sons, entry and stall rent.....	12 00
106.	J. F. Weber, entry fee.....	2 00
107.	Grant Winner, entry fee.....	2 00
108.	W. C. Ganschow, entry fee.....	2 00
109.	W. D. Becker, entry and pen rent.....	5 50
110.	A. R. Radtke, entry fee.....	2 00
111.	Emil B. Hosig, entry fee.....	2 00
112.	Mrs. A. H. Claymier, entry fee.....	2 00
113.	Matt L. Williams, withdrawal speed.....	30 00
114.	E. D. Pendleton & Sons, withdrawal speed.....	75 00

No.	From whom and for what.	Amount.
115.	W. J. Moyle, entry fee.....	2 00
116.	Wis. Live Stock Assoc., entry and stall rent.....	18 00
117.	Gottfried Vogel, entry fee.....	2 00
118.	Fred Alger, entry fee.....	2 00
119.	D. J. Cameron, withdrawal speed.....	150 00
120.	Albert Erickson, entry fee.....	2 00
121.	Otto Peetz, entry fee.....	2 00
122.	Mrs. L. A. Peters, entry fee.....	2 00
123.	Frank Burkhalter, speed entry.....	25 00
124.	P. B. Haight, withdrawal speed.....	75 00
125.	Goldenstein Bros., entry and stall rent.....	8 00
126.	W. A. Voigt, entry fee.....	2 00
127.	S. H. Newman, withdrawal speed.....	5 00
128.	E. O. Siggelkow, entry fee.....	2 00
129.	Mrs. T. P. Leonard, entry fee.....	2 00
130.	Herman Kretschmer, entry and coop rent.....	2 90
131.	Anna Reiter, entry.....	2 00
132.	C. J. Martin, entry fee.....	2 00
133.	J. A. Klokker, entry fee.....	2 00
134.	Mrs. Wm. Ehlers, entry fee.....	2 00
135.	White River Stock Farm, withdrawal speed.....	210 00
136.	S. L. Branch, withdrawal speed.....	12 50
137.	H. J. Noblet, entry fee.....	2 00
138.	Manlove Gate Co., entry fee.....	2 00
139.	Void.	
140.	Void.	
141.	Chas. Conver, entry fee.....	2 00
142.	Mrs. Royal S. Holmes, entry fee.....	2 00
143.	Otto A. Kielsmeier, entry fee.....	2 00
144.	Oren Longley, entry fee.....	2 00
145.	Chas. Jensch, entry fee.....	2 00
146.	W. S. Walsh, entry fee.....	2 00
147.	Mrs. B. B. Denison, entry fee.....	2 00
148.	W. B. Barney & Co., entry fee.....	2 00
149.	H. N. Olson, entry fee.....	2 00
150.	Progress Blue Ribbon Stud, entry fee.....	2 00
151.	A. von Cotzhausen, entry fee.....	2 00
152.	Mrs. L. C. Huckstep, entry fee.....	2 00
153.	Gentilly Dairy Co., entry fee.....	2 00
154.	F. E. McCormick, entry fee.....	2 00
155.	Gerrie J. Vogt, entry fee.....	6 00
156.	John Vogt, entry fee.....	6 00
157.	William Smiley, entry and stall rent.....	16 00

No.	From whom and for what.	Amount.
158.	Fred Alger, coop rent.....	1 00
159.	Mrs. L. M. Buell, entry fee.....	2 00
160.	H. C. Boers, entry and coop rent.....	2 75
161.	Jos. Barta, Jr., entry and coop rent.....	4 00
162.	Wm. E. Prisk, entry fee.....	2 00
163.	Herman Schoepfler, entry fee.....	2 00
164.	F. H. Patten, entry fee.....	2 00
165.	Amanda Rissman, entry fee.....	2 00
166.	W. H. Moyes, entry fee.....	2 00
167.	J. H. Field, entry fee.....	2 00
168.	C. F. Brinkman, entry fee.....	2 00
169.	E. C. McCormick, entry fee.....	2 00
170.	Ole Hanson, entry fee.....	2 00
171.	C. F. Krueger, entry fee.....	2 00
172.	John E. Boettcher, entry fee.....	2 00
173.	Lewis Lewellin & Sons, stall rent.....	3 00
174.	Mrs. L. S. Pease, entry fee.....	2 00
175.	Mary E. Pease, entry fee.....	2 00
176.	Chas. Sass, entry fee.....	2 00
177.	W. C. Waite, entry fee.....	2 00
178.	H. Anderson, entry fee.....	2 00
179.	Henry Tennesen, entry fee and stall rent.....	8 00
180.	T. J. Warner, entry fee.....	2 00
181.	Francesco Spicuzza, entry fee.....	2 00
182.	A. & F. Norenburg, entry fee.....	2 00
183.	Ferdinand Grimm, entry fee.....	2 00
184.	Mrs. E. Westphal, entry fee.....	2 00
185.	Paoli Creamery Co., entry fee.....	2 00
186.	Estella Wilcox, entry fee.....	2 00
187.	J. F. Bachman, entry fee.....	2 00
188.	J. Rothebach, Jr., entry fee.....	2 00
189.	C. W. Sly, entry fee.....	2 00
190.	John Grosser, entry fee.....	2 00
191.	Mrs. Robert Ramsey, entry fee.....	2 00
192.	Daniel Schley, entry fee.....	2 00
193.	Herbert Kalk, entry fee.....	2 00
194.	Mrs. William Sweeney, entry fee.....	2 00
195.	John L. Unertl, entry and stall rent.....	4 00
196.	J. C. Post, entry fee.....	2 00
197.	Frank Bowar, entry fee.....	2 00
198.	Kelly Bros., entry and pen rent.....	5 00
199.	New Way Motor Co., entry fee.....	2 00
200.	A. H. Jones, entry fee.....	2 00

No.	From whom and for what.	Amount.
201.	Henry Schuster, entry fee.....	2 00
202.	Lillie Geerdts, entry fee.....	2 00
203.	F. H. Colby, withdrawal speed.....	225 00
204.	John Grape, entry fee.....	2 00
205.	Irvin W. Stryker, entry fee.....	2 00
206.	John Kivlin, entry and pen rent.....	5 00
207.	J. W. Koepsell, entry fee.....	2 00
208.	Pioneer Fruit Farm, entry fee.....	2 00
209.	E. L. Duxbury, entry fee.....	2 00
210.	Emil A. Bartell, entry fee.....	2 00
211.	H. E. Baumann, entry fee.....	2 00
212.	Mell Hill, entry fee.....	2 00
213.	H. W. Ayers, entry fee.....	2 00
214.	E. E. Schmidt, entry speed.....	62 50
215.	A. C. Steinhauer, entry fee.....	2 00
216.	Adele Westphal, entry fee.....	2 00
217.	William Haag, entry fee.....	2 00
218.	Tena Lavenduska, entry fee.....	2 00
219.	Ella Nickey, entry fee.....	2 00
220.	Jessie M. Law, entry fee.....	2 00
221.	Frank Blumenstein, entry fee.....	2 00
222.	August Brandt, entry fee.....	2 00
223.	Frank A. Rivers, entry fee.....	2 00
224.	Fred Wuetrich, entry fee.....	2 00
225.	L. H. Jewett, entry fee.....	2 00
226.	A. W. Parkin, entry fee.....	2 00
227.	P. J. Springsteen, entry fee.....	2 00
228.	Robert Hardy, entry fee.....	2 00
229.	Adam Seitz, entry fee.....	2 00
230.	Arthur Kittinger, entry and coop rent.....	2 65
231.	Fred Anderson, entry fee.....	2 00
232.	A. L. Kleeber, entry fee.....	2 00
233.	W. C. Bolt, entry fee.....	2 00
234.	J. Leo McCormick, entry fee.....	2 00
235.	Edwin Hed, entry fee.....	2 00
236.	S. B. Cook, entry fee.....	2 00
237.	Wm. E. Wright, entry fee.....	2 00
238.	J. J. Jackson, entry fee.....	2 00
239.	E. J. Czamanske, entry fee.....	2 00
240.	Mrs. S. J. Curtis, entry fee.....	2 00
241.	Mrs. R. H. Talbutt, entry fee.....	2 00
242.	Mattie Hall, entry fee.....	2 00
243.	Nannie Hall, entry fee.....	2 00

No.	From whom and for what.	Amount.
244.	Henry Torhorst & Son, entry and stall rent.....	6 00
245.	A. M. Fiebrantz, entry and coop rent.....	3 00
246.	A. T. Barndt, entry fee.....	2 00
247.	John Christoffer son , entry fee.....	2 00
248.	F. E. Snyder, entry fee.....	2 00
249.	Rowlands Bros., entry and stall rent.....	8 00
250.	John H. Williams, entry and stall rent.....	14 00
251.	Chandler Bros., entry and pen rent.....	4 50
252.	Forest & Dunham, entry and stall rent.....	10 00
253.	T. H. Dann, entry and stall rent.....	4 00
254.	William Fox, entry fee.....	2 00
255.	Gustave Moeller, entry fee.....	2 09
256.	C. W. Harvey, stall rent.....	26 00
257.	Mrs. Anna L. Corwith, entry fee.....	2 00
258.	Sam Jones & Son, entry and stall rent.....	16 00
259.	A. J. Klein, entry and pen rent.....	4 80
260.	Ferdinand Schmeder, entry and pen rent.....	5 00
261.	M. W. & W. H. Reed, entry and pen rent.....	14 00
262.	Herr Bros. & Reynolds, entry and stall rent.....	20 00
263.	Eli Crall & Son, entry and pen rent.....	5 00
264.	Alex Klockner, entry fee.....	2 00
265.	Gust Schreiber, entry fee.....	2 00
266.	Geo. Maurer, Jefferson county exhibit, entry fee.....	2 00
267.	Oscar Stegeman, entry fee.....	2 00
268.	Ruby L. Gleason, entry fee.....	2 00
269.	J. A. Scharfer, entry fee.....	2 00
270.	L. Olsen, entry fee.....	2 00
271.	Eric Hermanson, entry fee.....	2 00
272.	Louis W. Genske, entry fee.....	2 00
273.	Galesburg Creamery Co., entry fee.....	2 00
274.	Mrs. G. Halladay, entry fee.....	2 00
275.	Geo. W. Mullen, entry fee.....	2 00
276.	Samuel Erb, entry fee.....	2 00
277.	Henry Elmer, entry fee.....	2 00
278.	Murphy Bros., entry fee.....	2 00
279.	A. V. Grow, entry fee.....	2 00
280.	A. J. Roycraft, entry fee.....	2 00
281.	W. N. Wadell, entry fee.....	2 00
282.	W. A. Conry, entry fee.....	2 00
283.	F. W. Bartlett, entry fee.....	2 00
284.	Jas. E. Emerson, entry fee.....	2 00
285.	D. A. Sheldon, entry fee.....	2 00

No.	From whom and for what.	Amount.
286.	Edgar H. Coulson, entry fee.....	2 00
287.	W. J. Clark, entry fee.....	2 00
288.	F. W. Sutcliffe, entry fee.....	2 00
289.	R. Conrad, entry fee.....	2 00
290.	Ida Bowers, entry fee.....	2 00
291.	G. H. Weber, entry fee.....	2 00
292.	L. H. Glaesel, entry fee.....	2 00
293.	John Kirkpatrick, entries in J.....	10 00
294.	E. J. Hildeman, entry fee.....	2 00
295.	Gust Traeger, entry fee.....	2 00
296.	Emil Falk, entry fee.....	2 00
297.	W. Lund, entry fee.....	2 00
298.	Fred L. Bartell, entry fee.....	2 00
299.	F. H. Matthes, entry and stall rent.....	5 00
300.	S. L. Mann, stall rent.....	6 00
301.	Mrs. S. Moffet, entry fee.....	2 00
302.	Mrs E. L. Douville, entry fee.....	2 00
303.	Fred Jaquith, entry fee.....	2 00
304.	E. A. Reese, entry fee.....	2 00
305.	F. T. Reed, payment withdrawal speed.....	3 00
306.	Paul G. Knoll, entry fee.....	2 00
307.	Leroy Skofstadt, entry fee.....	2 00
308.	John C. Robinson & Son, entry fee.....	2 00
309.	B. J. Ellis, entry fee.....	2 00
310.	Renk Bros., entry fee.....	2 00
311.	B. S. Van Name, entry fee.....	2 00
312.	William F. Krohn, entry fee.....	2 00
313.	M. D. Cunningham, entry fee.....	2 00
314.	Iron River Cheese and Creamery Co., entry fee.....	2 00
315.	Wm. J. Kelly, entry and pen rent.....	4 00
316.	J. A. Trevillian, entry fee.....	2 00
317.	C. F. Langkilde, entry fee.....	2 00
318.	W. J. Martin, entry fee and pen rent.....	5 00
319.	Geo. Martin, entry and stall rent.....	8 00
320.	Stauffacher & Roth, entry fee.....	2 00
321.	Richard P. Breeze, entry fee.....	2 00
322.	W. Judcome, entry fee.....	2 00
323.	Sager Bros., entry fee and pen rent.....	5 00
324.	C. M. Kates, entry fee.....	2 00
325.	Minnie Wiese, entry fee.....	2 00
326.	Jos. Knickerbocker, entry fee.....	2 00
327.	Tena Fromader, entry fee.....	2 00

No.	From whom and for what.	Amount.
328.	Krause Bros., entry fee.....	2 00
329.	Sadie Uihlein, entry fee.....	2 00
330.	Blumenstein Creamery Co., entry fee.....	2 00
331.	Charles Kleber, entry and pen rent.....	4 00
332.	A. J. Fraser, entry fee.....	2 00
333.	Selma Erdman, entry fee.....	2 00
334.	Arthur Oestreich, entry fee.....	2 00
335.	Paul C. Wilson, entry and stall rent.....	24 00
336.	W. J. Hyne, entry fee.....	2 00
337.	Frank H. Wisner, entry fee.....	2 00
338.	J. R. Love, entry and stall rent.....	4 50
339.	Harry H. Moats, entry fee.....	2 00
340.	I. Goldman & Co., tickets.....	22 50
341.	H. W. Larson, entry fee.....	2 00
342.	Robert S. Witte, entry and stall rent.....	7 00
343.	McLay Bros., entry and stall rent.....	28 00
344.	R. Connor Co, entry and stall rent.....	14 00
345.	P. Oscar Olsen, entry and stall rent.....	4 00
346.	W. A. Thomas, entry fee.....	2 00
347.	S. B. Davidor, entry and stall rent.....	6 00
348.	A. W. Dopple, entry and stall rent.....	14 00
349.	J. P. Allyn, entry and coop rent.....	3 00
350.	S. A. Storrs, entry and pen rent.....	4 00
351.	D. W. Powell, entry fee.....	2 00
352.	Dr. D. Robertson, entry and stall rent.....	6 00
353.	Louis Pierron, entry and coop rent.....	3 90
354.	Minnie Becker, entry fee.....	2 00
355.	N. B. Cutler, entry fee.....	2 00
356.	Otto Olson, entry fee.....	2 00
357.	Mrs. Frank J. Granger, entry fee.....	2 00
358.	F. L. Schlick, entry fee.....	2 00
359.	Geo. Ewald, entry and coop rent.....	21 00
360.	J. McD. Randles, entry fee.....	2 00
361.	E. M. Baker, entry fee.....	2 00
362.	E. C. Golz, entry fee.....	2 00
363.	Stiles Bros., entry fee.....	2 00
364.	Hans Berg, entry fee.....	2 00
365.	O. C. Vaughn Mfg. Co., entry fee.....	2 00
366.	O. A. Keilsmeier, entry fee.....	2 00
367.	Ray Biggs, entry fee.....	2 00
368.	Mrs. R. B. Dobrogowski, entry fee and coop rent.....	5 75

No.	From whom and for what.	Amount.
369.	R. B. Dobrogowski, entry and coop rent.....	11 25
370.	F. W. Moldenhauer, entry fee.....	2 00
371.	William P. Hanley, entry and stall rent.....	4 00
372.	John C. Schultz, entry and coop rent.....	3 30
373.	International Harvester Co., entry fee.....	2 00
374.	O. F. Roessler, privileges.....	170 00
375.	Henry Graber, entry fee.....	2 00
376.	Mrs. Amelia A. Laning, entry fee.....	2 00
377.	R. E. Pilgrim, entry fee.....	2 00
378.	J. H. Pilgrim, entry fee.....	2 00
379.	Dawson Bros., entry and coop rent.....	8 00
380.	J. F. Dabareiner, entry fee.....	2 00
381.	Mrs. Chas. Lentz, entry fee.....	2 00
382.	Mrs. E. W. Fisher, entry fee.....	2 00
383.	Mrs. O. Pratt, entry fee.....	2 00
384.	W. H. Whiteside, entry and stall rent.....	5 00
385.	Jacob Baehler, entry fee.....	2 00
386.	Currie Bros. Co., entry fee.....	2 00
387.	F. H. Harms, entry fee.....	2 00
388.	L. A. Goodchild, entry fee.....	2 00
389.	John A. Koenig, entry and coop rent.....	2 50
390.	Mrs. J. A. Koenig,, entry and coop rent.....	2 50
391.	E. J. Ells, entry fee.....	2 00
392.	F. A. Viergutz, entry fee.....	2 00
393.	Reddelein Bros., entry and stall rent.....	6 00
394.	J. M. Dunlop, entry fee.....	2 00
395.	Mrs. J. H. McRostie entry fee.....	2 00
396.	D. T. Pilgrim, entry fee.....	2 00
397.	Anthony Spalthoff, entry fee.....	2 00
398.	C. W. Judkins, entry fee.....	2 00
399.	Thomas O'Niell, entry fee.....	2 00
400.	E. A. Paddock entry fee.....	2 00
401.	E. T. Carroll, entry and stall rent.....	18 00
402.	Chas. T. Hill, entry fee.....	2 00
403.	J. S. Palmer, entry fee.....	2 00
404.	W. C. Coffman, entry fee.....	2 00
405.	John T. Edwards, entry and stall rent.....	15 00
406.	P. W. Lange, entry and coop rent.....	2 45
407.	Taege & De Gellecke, entry and coop rent.....	5 25
408.	Mrs. A. D. Stoppenbach, entry fee.....	2 00
409.	Josephine Stoppenbach, entry fee.....	2 00
410.	E. L. Adams, entry fee.....	2 00

No.	From whom and for what.	Amount.
411.	John Hansen, entry fee.....	2 00
412.	C. H. Christianson, entry fee.....	2 00
413.	J. Slimmer, entry fee.....	2 00
414.	Frank Kittinger, entry and coop rent.....	2 30
415.	Fred Y. Parfrey, entry and coop rent.....	5 20
416.	G. L. Dietrich, entry fee.....	2 00
417.	Ray Curtis, entry fee.....	2 00
418.	R. S. Sheldon, entry fee.....	2 00
419.	Etzler & Moses, entry fee.....	2 00
420.	Star Oil Burner Co., entry fee.....	2 00
421.	W. H. Van Schaick, entry fee.....	2 00
422.	A. H. Beyer, entry and coop rent.....	2 50
423.	Thos. McCauley, entry fee.....	2 00
424.	Christian Glaus, entry fee.....	2 00
425.	William Boldt, entry fee.....	2 00
426.	F. W. Huth, entry fee.....	2 00
427.	Mrs. John Hans, entry fee.....	2 00
428.	John Hans, entry fee.....	2 00
429.	Phebe S. Wilbur, entry fee.....	2 00
430.	L. G. Ramm, entry fee for Taylor county exhibit.....	2 00
431.	William J. Sherman, entry fee.....	2 00
432.	O. F. Roessler, privileges.....	219 00
433.	H. W. Koerner, entry fee.....	2 00
434.	D. O. W. Joslin, entry fee.....	2 00
435.	E. L. Husting Co., supply wagon.....	3 00
436.	Lindsay Bros., entry fee.....	2 00
437.	E. J. Fargo, entry fee.....	2 00
438.	Rosenthal Corn Husker Co., entry fee.....	2 00
439.	Geo. W. Tulenz, entry fee.....	2 00
440.	T. J. Dunbar, entry and stall rent.....	5 00
441.	Mrs. L. Sheldon, entry fee.....	2 00
442.	Frank Simonet, supply wagon.....	3 00
443.	J. C. Trowbridge, entry fee.....	2 00
444.	A. B. Hoyt, entry fee.....	2 00
445.	Mitchell Mfg. Co., entry fee.....	2 00
446.	Alex C. Guth, entry fee.....	2 00
447.	Gilson Mfg. Co., entry fee.....	2 00
448.	Carpenter-Skiles Co., supply wagon.....	3 00
449.	Joseph Ward, entry fee.....	2 00
450.	Robert R. Kiesslich, entry fee.....	2 00
451.	William Toole, entry fee.....	2 00
452.	Bennie Ward, entry fee.....	2 00
453.	E. L. Benedict, entry fee.....	2 00

No.	From whom and for what.	Amount.
454.	E. L. Benedict, entry fee for Rock county exhibit.....	2 00
455.	R. C. Dieckow, entry fee.....	2 00
456.	Salome Battles, entry fee.....	2 00
457.	F. H. Raesler, entry fee.....	2 00
458.	Clement & Fike, entry and coop rent.....	5 20
459.	Mrs. Henry Fischer, entry fee.....	2 00
460.	A. J. Wileman, entry fee.....	2 00
461.	Ed Finn, entry and stall rent.....	12 00
462.	Jos. W. Webber, entry fee.....	2 00
463.	O. F. Roessler, privileges.....	125 00
464.	Albert T. Keipper, entry and coop rent.....	3 45
465.	William Mohaupt, entry fee.....	2 00
466.	J. L. Jacquot, entry fee.....	2 00
467.	S. D. Cannon, entry fee.....	2 00
468.	E. T. Roloff, entry fee.....	2 00
469.	Frank Kleiner, entry fee.....	2 00
470.	Will Clark, entry fee.....	2 00
471.	Fred C. Stecker, entry fee.....	2 00
472.	J. G. Kennedy, entry fee.....	2 00
473.	E. J. Fargo, additional stall rent.....	10 00
474.	A. F. Strebe, entry fee.....	2 00
475.	A. H. Knoke, entry fee.....	2 00
476.	O. E. Knoke, entry fee.....	2 00
477.	E. M. Barton, entry fee.....	2 00
478.	Mrs. A. Meyer, entry fee.....	2 00
479.	Mrs. Susie Abert, entry fee.....	2 00
480.	Viola Abert, entry fee.....	2 00
481.	H. W. Austin, entry fee.....	2 00
482.	G. E. Jordan, entry fee.....	2 00
483.	Mrs. C. E. Strong, entry fee.....	2 00
484.	E. R. Adams, entry fee.....	2 00
485.	John Glanzman, entry fee.....	2 00
486.	M. L. Brandel, entry fee.....	2 00
487.	H. O. Sears, entry fee.....	2 00
488.	W. H. Edwards, entry fee.....	2 00
489.	W. D. McGill, entry fee.....	2 00
490.	Geo. McKerrow & Sons, entry fee.....	2 00
491.	W. A. McKerrow, entry fee.....	2 00
492.	Albert P. Zier, entry fee.....	2 00
493.	Casper Olsen, entry fee.....	2 00
494.	Mrs. L. W. Barnes, entry fee.....	2 00
495.	Mr. George Jeffery, entry fee.....	2 00
496.	H. A. Main, entry fee.....	2 00

No.	From whom and for what.	Amount.
497.	State Public School, entry fee.....	2 00
498.	Edw. Roloff, entry fee.....	2 00
499.	Mrs. Lillie Dreyfus, entry fee.....	2 00
500.	Wernich Seed Co., entry fee.....	2 00
501.	P. M. Swartz, entry fee.....	2 00
502.	Ralph Skidmore, Marinette county entry fee.....	2 00
503.	Barnes Safe & Lock Co., entry fee.....	2 00
504.	Parry Mfg. Co., entry fee.....	2 00
505.	G. G. Adler, supply wagon.....	3 00
506.	Staver Car Co., entry fee.....	2 00
507.	The Turez Mfg. Co., entry fee.....	2 00
508.	Monitor Drill Co., entry fee.....	2 00
509.	Anderson Car Co., entry fee.....	2 00
510.	Lydia Wollenburg, entry fee.....	2 00
511.	Mrs. W. P. Wegner, entry fee.....	2 00
512.	Mrs. S. Poppe, entry fee.....	2 00
513.	Henry J. Schulte, entry fee.....	2 00
514.	Empire Creamery Separator Co., entry fee.....	2 00
515.	O. F. Roessler, privileges.....	204 00
516.	Milwaukee Hay Tool Co., entry fee.....	2 00
517.	Marie Holman, entry fee.....	2 00
518.	Abraham Kern, entry fee.....	2 00
519.	H. F. Crandall, entry fee.....	2 00
520.	Grover & Taylor, entry fee.....	2 00
521.	Adeline B. Bellman, entry fee.....	2 00
522.	Challenge Co., entry fee.....	2 00
523.	Lawrean Bolstad, entry fee.....	2 00
524.	W. W. Wilson, entry fee.....	2 00
525.	Edw. Williamson, entry fee.....	2 00
526.	Blue Ribbon Poultry Farm, entry fee.....	2 00
527.	Caroline Schmasow, entry fee.....	2 00
528.	Elsie Meyer, entry fee.....	2 00
529.	H. C. Lange, entry fee.....	2 00
530.	C. Williamsen, entry and coop rent.....	18 00
531.	F. H. Kelling, entry fee.....	2 00
532.	Chas. G. Wolff, entry fee.....	2 00
533.	Prestin & Scheinert, entry fee.....	2 00
534.	D. M. Sechler Carriage Co., entry fee.....	2 00
535.	Appleton Mfg. Co., entry fee.....	2 00
536.	Racine Sattlery Co., entry fee.....	2 00
537.	A. M. Schulz, entry fee.....	2 00
538.	Mrs. H. N. Graves, entry fee.....	2 00
539.	C. J. Manhardt, entry and coop rent.....	2 85

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No.	From whom and for what.	Amount.
540.	H. Groh, supply wagon.....	3 00
541.	Aithouse-Wheeler Co., entry fee.....	2 00
542.	Fred Plinke, entry fee.....	2 00
543.	Henry Hartkopf, entry fee.....	2 00
544.	Erwin Engleman, entry fee.....	2 00
545.	John F. Magrane, entry fee.....	2 00
546.	Jos. Volz, entry fee.....	2 00
547.	Wisconsin Carriage Co., entry fee.....	2 00
548.	Seidt-Best Mower & Harvester Guard Co., entry fee..	2 00
549.	Divan Bros., entry and stall rent.....	18 00
550.	Edward G. Pasewalk, entry fee.....	2 00
551.	Fuller & Johnson Co., entry fee.....	2 00
552.	Mrs A. W. Lehman, entry fee.....	2 00
553.	B. S. Beckington, entry fee.....	2 00
554.	E. L. Douville, supply wagon.....	3 00
555.	E. W. Ripley, entry fee.....	2 00
556.	Mrs. S. J. Molloy, entry fee.....	2 00
557.	Automatic Carrier Co., entry fee.....	2 00
558.	Max Staehle, entry and coop rent.....	3 25
559.	L. S. Learned, supply wagon	3 00
560.	Mrs. W. F. Grimshaw, entry fee.....	2 00
561.	M. S. Barker, Forest county exhibit, entry fee.....	2 00
562.	Mrs. A. Flower, entry fee.....	2 00
563.	L. P. Holgerson, entry fee.....	2 00
564.	Geo. E. Reynolds, Adams county exhibit, entry fee....	2 00
565.	Alice I. Clapp, entry fee.....	2 00
566.	Jennie Rielvold, entry fee.....	2 00
567.	Jos. Holub, supply wagon.....	3 00
568.	Mrs. E. G. Radtke, entry fee.....	2 00
569.	E. G. Ripley, Kenosha county exhibit entry fee.....	2 00
570.	L. A. Jansen, entry and coop rent.....	4 50
571.	Isabel Jansen, entry and coop rent.....	4 60
572.	Wagner Bros., entry and coop rent.....	6 60
573.	Mrs. Anna E. Pierce, entry fee	2 00
574.	Sandwick Mfg. Co., entry fee.....	2 00
575.	S. D. Burke, entry fee.....	2 00
576.	Alinda Jenzewsky, entry fee.....	2 00
577.	The Thomas Mfg. Co., entry fee.....	2 00
578.	Lucy D. Hale, entry fee.....	2 00
579.	Mrs. Enoch Chase, entry fee	2 00
580.	Sharpless Separator Co., entry fee.....	2 00
581.	De Laval Separator Co., entry fee.....	2 00

No.	From whom and for what.	Amount.
582.	A. U. Hassman, entry fee.....	2 00
583.	F. W. Ashman, entry fee	2 00
584.	C. Gerlach, entry fee.....	2 00
585.	John Wunsch, entry fee.....	2 00
586.	Edward Seaman, entry fee.....	2 00
587.	A. W. Zimmerman, entry fee.....	2 00
588.	Peter Witteman, entry and coop rent	2 50
589.	J. P. Heer, entry and coop rent.....	3 75
590.	O. J. Bedard, entry and coop rent.....	5 30
591.	J. I. Case plow works, entry fee.....	2 00
592.	Jacob Stocker, entry fee.....	2 00
593.	May Fournass, entry fee.....	2 00
594.	The S. B. Rowell Co., entry fee.....	2 00
595.	Mrs. G. Hyland, entry fee	2 00
596.	Alfred Schroeder, entry fee.....	2 00
597.	Fuchs Bros., entry fee.....	2 00
598.	Maud S. Pump Co., entry fee.....	2 00
599.	Hirsch Bros., entry fee.....	2 00
600.	S. L. Allen & Co., entry fee	2 00
601.	J. V. Beyer, entry fee.....	2 00
602.	Walter Korb, entry fee.....	2 00
603.	William Korb, entry and coop rent.....	2 10
604.	Jacob Weiss, entry fee.....	2 00
605.	Mrs. L. E. Greenleaf, entry fee.....	2 00
606.	Mrs. L. Yankee, entry fee.....	2 00
607.	F. T. Adler, supply wagon	3 00
608.	F. T. Reed, balance withdrawal speed	2 00
609.	A. Robertson, entry fee.....	2 00
610.	Sandwich Mfg. Co., supply wagon	2 00
611.	Jack Hartley, entry fee.....	2 00
612.	John Lawson Mfg. Co., entry fee.....	2 00
613.	Lutter & Jacobi Co., entry fee.....	2 00
614.	Wilder-Strong Implement Co., entry fee.....	2 00
615.	Frank Austerman, entry fee.....	2 00
616.	Dain Mfg. Co., entry fee.....	2 00
617.	Smith Mfg. Co., entry fee.....	2 00
618.	Mrs. A. Gulick, entry fee.....	2 00
619.	Diamond Crystal Salt Co., entry fee.....	2 00
620.	Hastings Industrial Co., entry fee.....	2 00
621.	Hersinger Co., supply wagon	3 00
622.	South Bend Chilled Plow Co., entry fee.....	2 00
623.	P. P. Mast & Co., entry fee.....	2 00

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No.	From whom and for what.	Amount.
624.	Lillie Nemitz, entry fee.....	2 00
625.	American Steele & Wire Co., entry fee.....	2 00
626.	Wisconsin Industrial School, entry fee.....	2 00
627.	Herman Vanselow entry and coop rent.....	12 25
628.	Ferdinand Vanselow, entry and coop rent.....	2 45
629.	J. Dorsch & Sons, entry fee.....	2 00
630.	Collins Plow Co., entry fee.....	2 00
631.	John Conrad, entry and coop rent.....	2 40
632.	Laura J. Lapham, entry fee.....	2 00
633.	Mrs. A. Gruettner, entry fee.....	2 00
634.	W. F. Pilgrim, entry fee.....	2 00
635.	Amanda Pagels, entry fee.....	2 00
636.	J. G. Boyd, balance stall rent.....	2 00
637.	Boerth & Porth Co., supply wagon.....	3 00
638.	Herman Ziemer, entry fee.....	2 00
639.	U. S. Wind Engine & Pump Co., entry fee.....	2 00
640.	F. Simonet, supply wagon.....	2 50
641.	Mrs. Ernest Gegner, entry fee.....	2 00
642.	O. F. Roessler, privileges.....	198 00
643.	Mrs. A. L. Roethe, entry fee.....	2 00
644.	Mrs. Albert T. Keipper, entry and coop rent.....	3 30
645.	J. J. Ochsner, entry fee.....	2 00
646.	E. D. Ochsner, entry fee.....	2 00
647.	Van Brunt Mfg. Co., entry fee.....	2 00
648.	Void.	
649.	Mrs. C. J. Coon, entry fee.....	2 00
650.	Chappell & Ludington, entry fee.....	2 00
651.	E. Stolp & Co., entry fee.....	2 00
652.	Mrs. William Smith, entry fee.....	2 00
653.	Mrs. F. G. Haight, entry fee.....	2 00
654.	Milwaukee Gas Light Co., tickets.....	5 00
655.	Amanda Adam, entry fee.....	2 00
656.	Eleanor Hanson, entry fee.....	2 00
657.	Clara M. Byron, entry fee.....	2 00
658.	Albert Elsner, entry fee.....	2 00
659.	Mrs. P. M. Kynaston, entry fee.....	2 00
660.	Luther Bros. Co., entry fee.....	2 00
661.	Mrs. J. W. Engel, entry fee.....	2 00
662.	Wheeler Bros., supply wagon.....	3 00
663.	Mrs. P. O. Olsen, entry fee.....	2 00
664.	Mrs. Lizzie M. Wright, entry fee.....	2 00
665.	William Mussehl, entry fee.....	2 00

No.	From whom and for what.	Amount.
666.	E. H. Weber, entry fee.....	2 00
667.	Mrs. Clara Bradley, entry fee.....	2 00
668.	Mrs. E. Wilas-Hetlesaeete, entry fee.....	2 00
669.	Speed department.....	35 00
670.	Vermont Farm Machine Co., entry fee.....	2 00
671.	Mrs. V. M. Stewart, entry and coop rent.....	23 0
672.	Creamery Package Mfg. Co., entry fee.....	2 00
673.	H. T. Seeman, entry fee.....	2 00
674.	C. G. Loeber, entries and coop rent.....	20 65
675.	Kroeger & Dady, entry fee.....	2 00
676.	J. J. Miller, supply wagon.....	3 00
677.	Mrs. A. Jirachek, entry fee.....	2 00
678.	Jos. P. Allyn, coop rent.....	5 00
679.	Martin Engbretson, entry fee.....	2 00
680.	Boots & Stier, entry and coop rent.....	6 80
681.	Peffer & Melges, entry and coop rent.....	2 50
682.	Fred Stier, entry and coop rent.....	2 30
683.	C. H. Gardner, withdrawal speed.....	25 00
684.	Cyclone Fence Co., entry fee.....	2 00
685.	Racine Hatcher Co., entry fee.....	2 00
686.	A. J. Crowell, Wood county exhibit, entry fee.....	2 00
687.	O. F. Roessler, privileges.....	150 00
688.	Harry Markert, entry fee.....	2 00
689.	White Lily Washer Co., entry fee.....	2 00
690.	Peoria Drill & Seeder Co., entry fee.....	2 00
691.	Geo. W. Kemp, entry fee.....	2 00
692.	Chas. J. Kaiser, entry fee.....	2 00
693.	Schubert & Frank entry fee.....	2 00
694.	R. G. Winter, Mfg. Co., entry fee.....	2 00
695.	Lewis Bros. Co., supply wagon.....	3 00
696.	J. F. Roe, entry and coop rent.....	3 90
697.	T. H. Pasbrig, entry fee.....	2 00
698.	Pasbrig Bros., entry and coop rent.....	7 40
699.	J. Slimmer, balance stall rent.....	14 00
700.	Beach Mfg. Co., entry fee.....	2 00
701.	Reliance Engine & Iron Co., entry fee.....	2 00
702.	Hart-Parr Co., entry fee.....	2 00
703.	Northern Electrical Mfg. Co., entry fee.....	2 00
704.	Geo. Cooke, entry and coop rent.....	3 90
705.	Eddie Finn, entry fee.....	2 00
706.	R. F. Gronert, entry fee.....	2 00
707.	G. N. Mihills, entry fee.....	2 00

No.	From whom and for what.	Amount.
708.	F. W. Niesman Co., entry fee.....	2 00
709.	John Wuethrich, entry fee.....	2 00
710.	C. F. Chamberlain, entry and coop rent.....	2 25
711.	Miss L. Atkins entry fee.....	2 00
712.	Deere & Mansur, entry fee.....	2 00
713.	Moline Wagon Co., entry fee.....	2 00
714.	Deere & Co., entry fee.....	2 00
715.	Milwaukee Machine Co., entry fee.....	2 00
716.	Fairbanks, Morse & Co., entry fee.....	2 00
717.	Velie Car Co., entry fee.....	2 00
718.	S. S. Rich, entry fee.....	2 00
719.	Cook Mfg. Co., entry fee.....	2 00
720.	L. Winnegar, supply wagon.....	3 00
721.	Smith-Blodgett Co., supply wagon.....	3 00
722.	J. A. Gevaart, supply wagon.....	3 00
723.	Holcomb Bros., supply wagon.....	3 00
724.	C. P. & J. Lawson, entry fee.....	2 00
725.	Ohio Rake Co., entry fee.....	2 00
726.	O. F. Roessler, privileges.....	315 00
727.	Smalley Mfg. Co., entry fee.....	2 00
728.	Uihlein & Peters supply wagon.....	3 00
729.	Jacob Specht, entry fee.....	2 00
730.	John Ludwig, entry fee.....	2 00
731.	W. T. Elliott, entry fee.....	2 00
732.	E. J. Fargo, stall rent.....	4 00
733.	The Keystone Co., entry fee.....	2 00
734.	J. L. Nqwak, entry fee.....	2 00
735.	Summit Foundry Co., entry fee.....	2 00
736.	F. E. Walsh, supply wagon.....	3 00
737.	O. F. Roessler, privileges.....	263 00
738.	Speed department.....	75 00
739.	O. F. Roessler privileges.....	61 00
740.	J. I. Case, Threshing Machine Co., entry fee.....	2 00
741.	E. G. Roberts, entry and coop rent.....	33 50
742.	E. D. Jones & Son, entry and stall rent.....	16 00
743.	F. J. Lindley entry fee.....	2 00
744.	M. A. Wagner, entry and stall rent.....	12 00
745.	E. Zeman, entry fee.....	2 50
746.	Bandlor & Co., supply wagon.....	2 50
747.	William Schoessow, entry fee.....	2 00
748.	N. E. Possley, entry fee.....	2 00
749.	Aug. F. Westpahl, entry fee.....	2 00

No.	From whom and for what.	Amount.
750.	Oswald & Jaeger supply wagon.....	3 00
751.	W. B. Barney & Co., stall rent.....	16 00
752.	Champion Potato Machine Co., entry fee.....	2 00
753.	O. F. Roessler, privileges.....	170 00
754.	Void.	
755.	Ed Malone, entry	1 50
756.	Davis-Holdback Co. entry.....	1 50
757.	G. P. Sauer, entry fee.....	2 00
758.	Ben Roan, entry fee.....	2 00
759.	W. W. Vaughn & Son, pen rent.....	6 00
760.	L. Kissels & Son, entry fee.....	2 00
761.	F. H. Battles, entry fee.....	2 00
762.	A. N. McGeoch, entry and stall rent.....	7 00
763.	M. D. Cunningham, stall rent.....	2 00
764.	Fish Bros. Wagon Co., entry fee.....	2 00
765.	Belle City Mfg. Co., entry.....	1 50
766.	John Graf, supply wagon.....	2 50
767.	A. M. Adams, entry fee.....	2 00
768.	Silberzahn Bros. Machine Works, entry fee.....	2 00
769.	J. T. Brice, entry fee.....	2 00
770.	J. McD. Randles, pen rent.....	2 00
771.	Wisconsin Dairy Supply Co., entry.....	1 50
772.	Jas. P. Christianson, entry fee.....	2 00
773.	Johnson & Field Mfg. Co., entry fee.....	2 00
774.	American Ice Cream Co., wagon privilege.....	3 00
775.	H. E. & E. M. Moore, entry and pen rent.....	6 00
776.	Dowagiac Mfg. Co., entry fee.....	2 00
777.	Geo. E. Kelly, entry and pen rent.....	7 00
778.	Walter A. Wood Co., entry.....	1 50
779.	Modern Steel Structure Co., entry fee.....	2 00
780.	A. D. Baker Co., entry fee.....	2 00
781.	O. F. Roessler, privileges.....	216 00
782.	H. A. Briggs, entry and stall rent.....	24 00
783.	Oshkosh Pure Milk Co., entry fee.....	2 00
784.	Henry T. Graber, stall rent.....	4 00
785.	J. R. Peake & Son, entry and stall rent.....	32 00
786.	W. L. Houser, entry, stall and pen rent.....	53 00
787.	M. P. Sperbeck, entry fee.....	2 00
788.	F. H. Patten, pen rent.....	6 00
789.	R. R. Bates, entry fee.....	2 00
790.	Chandler Bros., balance on stalls.....	50
791.	O. F. Roessler, privileges.....	103 00

No.	From whom and for what.	Amount.
792.	Colonial Salt Co., entry fee.....	2 00
793.	Durant & Dort Carriage Co., tickets.....	4 50
794.	Double Power Mill Co., entry.....	1 50
795.	H. P. West, entry and pen rent.....	11 00
796.	Robert Hardy, stall rent.....	2 00
797.	Hans Berg, entry and stall rent.....	4 00
798.	C. T. Fisher, tickets.....	1 80
799.	John M. True, tickets.....	1 50
800.	Manson-Campbell Mfg. Co., entry.....	1 50
801.	John M. True, tickets.....	11 25
802.	David Bradley Company of Wisconsin, entry fee.....	2 00
803.	James G. Boyd, stall rent.....	8 00
804.	G. N. Mihills, stall rent.....	18 00
805.	Speed department.....	537 50
806.	Geo. L. Arnold, entry.....	1 00
807.	S. B. Friday, entry.....	1 75
808.	A. C. Perry, entry fee.....	2 00
809.	Omega Separator Co., entry fee.....	2 00
810.	O. F. Roessler, privileges.....	181 50
811.	O. F. Roessler, privileges.....	618 50
812.	N. B. Cutler, pen rent.....	4 50
813.	Wagner & Gohrs, supply wagon.....	3 00
814.	W. G. Bartholf, pen rent.....	4 50
815.	O. F. Roessler, privileges.....	211 00
816.	Adam Seitz, stall rent.....	18 00
817.	Speed department.....	53 75
818.	Geo. Carpenter, entry and stall rent.....	16 00
819.	J. C. Robinson & Son, stall rent.....	16 50
820.	Agnes P. Sperry, entry fee.....	2 00
821.	O. F. Roessler, privileges.....	45 00
822.	W. C. Waite, pen rent.....	5 00
823.	H. W. Ayers, stall and pen rent.....	30 00
824.	W. S. Dixon, entry and stall rent.....	20 50
825.	J. R. Love, balance stall rent.....	4 30
826.	Arthur G. Puerner, entry fee.....	2 00
827.	Etzler & Moses, pen rent.....	4 50
828.	Ideal Concrete Machine Co., entry fee.....	2 00
829.	Standard Paint Co., entry fee.....	2 00
830.	Chas. T. Hill, stall and pen rent.....	8 00
831.	Chas. Fisher, supply wagon, balance.....	1 05
832.	Nichols & Shephard Co., tickets.....	22 50
833.	O. F. Roessler, privileges.....	197 00

No.	From whom and for what.	Amount.
834.	Speed department.....	950 00
835.	Void.	
836.	Durand & Dort Carriage Co., tickets.....	9 00
837.	Void.	
838.	William Woodward, pen rent.....	2 50
839.	F. C. Runge, entry fee.....	2 00
840.	O. F. Roessler, privileges.....	228 00
841.	O. F. Roessler, privileges.....	100 00
842.	H. Bast, entry fee.....	2 00
843.	O. F. Roessler, privileges.....	170 00
844.	Renk Bros. pen rent.....	3 00
845.	Speed department.....	100 00
846.	A. Broughton, entry fee.....	2 00
847.	Anton Kaltenbrenner, entry fee.....	2 00
848.	E. M. Barton, stall rent.....	20 00
849.	Speed department.....	2,259 50
850.	F. W. Harding, entry and stall rent.....	39 00
851.	Speed department.....	228 75
852.	D. W. Powell, stall rent.....	3 00
853.	O. F. Roessler, privileges.....	171 00
854.	A. F. Guelzow, entry fee.....	2 00
855.	H. P. West, Fond du Lac county exhibit entry fee.....	2 00
856.	O. F. Roessler, privileges.....	210 00
857.	O. F. Roessler, privileges.....	225 00
858.	L. G. Ramm, tickets.....	1 00
859.	Louis Pierron, entry fee.....	2 00
860.	Speed department.....	692 00
861.	R. P. Breese, stall rent.....	5 00
862.	L. P. Martiny, entry and pen rent.....	7 50
863.	Void.	
864.	Speed department.....	1,117 50
865.	O. F. Roessler, privileges.....	220 50
866.	O. F. Roessler, privileges.....	225 00
867.	Speed department.....	740 00
868.	Void.	
869.	Speed department.....	462 50
870.	Void.	
871.	O. F. Roessler, privileges.....	574 62
872.	Jacob Karlen & Son, entry fee.....	2 00
873.	Speed department.....	662 50
874.	William Smiley, stall rent.....	2 00
875.	Speed department.....	255 00

No.	From whom and for what.	Amount.
876.	O. F. Roessler, privileges.....	755 45
877.	E. E. Jones, Sec. Wis. Short Horn Breeders' Assoc, pre- mium	94 22
878.	Speed department.....	142 50
879.	Speed department.....	200 00
880.	O. F. Roessler, privileges.....	41 00
881.	Mrs. Adda F. Howie, coop rents.....	9 50
882.	Speed department.....	333 00
883.	Mrs. Adda F. Howie, collections in poultry department	9 75
884.	C. D. Rosa.....	49 20
885.	Cash for meal tickets.....	195 75
886.	State treasurer.....	6 70
887.	Jas. Y. Gatcomb, speed entry.....	150 00
888.	C. Glaus, sale dairy exhibit, state fair.....	709 40
889.	G. E. Cleophas, speed entry.....	30 00
890.	Balance, Wis. Short Horn Breeders' Assoc., premium..	50 00
891.	Void.	
892.	American Short Horn Breeders' Assoc., special prizes	439 00
893.	C. L. Hill, Sec. Western Guernsey Breeders' Assoc., spe- cial premium.....	55 00
894.	W. R. Smith, Treas. Am. Holstein Friesian Cattle Assoc., special premium.....	500 00
895.	H. A. Perry, speed entry.....	175 00
896.	International Harvester Co., tickets.....	29 25
897.	Lindsay Bros., tickets.....	62 55
898.	L. E. Scott, sale of dairy exhibits.....	16 26
899.	James Rasmussen, surplus cloth banners.....	3 00
900.	C. A. Tyler, Sec. H. B. A. of A., special prizes.....	25 00
901.	Frank Kleinheinz, Wis. Sheep Breeders' Assoc., special premium	75 00
902.	Milwaukee Retail Grocers' Assoc. tickets bought.....	30 60
903.	American Shropshire Assoc., special premium.....	100 00
904.	Grant U. Fisher, return from marshall's department...	20 80
905.	R. E. Roberts, Wis. Poland China Assoc., spl. prem....	60 00
906.	Alfred von Cotzhausen, stall rent.....	41 50
907.	E. P. Wacholz, suspension speed.....	30 00
908.	H. B. Stanz, sales of cheese at fair.....	475 45
909.	C. W. Harvey, collections.....	56 90
910.	W. L. Houser. Aberdeen-Angus Co., special premium.	57 00
911.	American Trotting Assoc., collections.....	613 35
912.	The Lion Store, tickets.....	1 80
913.	John M. True, butter and cheese sold.....	11 17

No.	From whom and for what.	Amount.
914.	American Chester White Assoc., special premium....	10 00
915.	George Webber, use of track.....	10 00
916.	August Uihlein, stall rent.....	112 50
917.	American Trotting Associaton, collections.....	62 50
918.	J. H. Mack, stall rent.....	8 50
919.	J. G. Moore, sale of butter.....	8 00
920.	J. G. Moore, sale of cheese.....	3 30
921.	American Trotting Association, collections.....	132 50
922.	George Spencer, pasturage, 1905.....	10 50
923.	W. A. Schafer, Sec., Am. Oxford Down Assoc., spl. prem	60 00
924.	American Trotting Assoc., collections.....	57 00
925.	B. L. Wentworth, sale of butter and cheese.....	3 40
926.	L. E. Brown, refunded suspension.....	25 00
927.	Geo. G. Cox, collections.....	8 25
928.	S. H. Newman, stall rent.....	7 50
929.	Milwaukee Driving Club, rentals, 1905.....	138 00
930.	American Trotting Association, collections.....	10 00
931.	Geo. G. Cox, sale of manure.....	9 50
932.	W. W. Gillies, express paid.....	25

In addition to the above—

From gates at fair.....	\$46,905 47
From state aid, 1904 and 1905.....	17,354 50
From special appropriation	58,457 03
	<hr/>
Total receipts	\$154,414 05

DISBURSEMENTS.

No.	To whom and for what.	Amount.
1.	American Trotting Association, directory of horsemen.	10 00
2.	Bert Sigrist, labor.....	21 00
3.	William L. Schetter, labor.....	1 75
4.	H. A. Briggs, horse.....	175 00
5.	John M. True, expense allowance, March.....	25 00
6.	Geo. G. Cox, expenses.....	30 75
7.	Geo. McKerrow, expenses.....	6 00
8.	C. H. Everett, expenses.....	12 00
9.	J. L. Herbst, expenses.....	11 98

No.	To whom and for what.	Amount.
10.	C. M. & St. P. Ry., freight on cinders.....	30 00
11.	C. W. Harvey, expenses.....	36 19
12.	L. E. Scott, expenses.....	15 62
13.	James J. Nelson, expenses.....	52 33
14.	John M. True, payment on March salary.....	25 00
15.	John M. True, expenses trip to Milwaukee.....	6 63
16.	Geo. Wylie, expenses.....	7 32
17.	Geo. McKerrow, expenses.....	25 31
18.	C. M. & St. P. Ry., 5 cars cinders.....	25 00
19.	John M. True, expenses trip to St. Paul.....	22 45
20.	David Wedgwood, expenses in 1904.....	7 00
21.	P. S. Wiswell, services and labor.....	15 00
22.	Bert Sigrist, labor.....	15 75
23.	John M. True, balance March salary.....	100 00
24.	G. U. Fisher, expenses.....	30 30
25.	B. M. Wentworth, salary March.....	25 00
26.	Robert Phillip, wages March.....	45 00
27.	John M. True, expense allowance April.....	25 00
28.	Thomas Furnace Co., 8 cars cinders.....	40 00
29.	A. LeFeber, oats.....	18 00
30.	John M. True, payment on April salary.....	25 00
31.	C. M. & St. P. Ry., freight on cinders.....	20 00
32.	Bert Sigrist, labor.....	26 25
33.	John Streuli labor.....	17 50
34.	Herman Jaeger, labor.....	13 13
35.	Fred Joehrs, labor.....	13 13
36.	Edw. Rieck, labor.....	4 38
37.	P. S. Wiswell, labor of Saber, Sweet and Lang.....	24 33
38.	P. S. Wiswell, team work.....	25 20
39.	Ed. Lutzen, team work.....	17 40
40.	John Miller, team work.....	4 80
41.	John M. True, balance April salary.....	100 00
42.	B. L. Wentworth, salary April.....	50 00
43.	Robert Phillip, wages, April.....	45 00
44.	Robert Taylor, premium due 1904.....	5 00
45.	C. M. & St. P. Ry., freight on cinders.....	10 00
46.	John M. True, expense allowance May.....	25 00
47.	Bert Sigrist, labor.....	21 00
48.	John Streuli, labor.....	20 12
49.	Herman Jaeger, Jr., labor.....	17 50
50.	Fred Joehrs, labor.....	21 00
51.	Edw. Rieck, labor.....	18 37

No.	To whom and for what.	Amount.
52.	Fred Maehl, labor.....	16 27
53.	Herman Jaegar, Sr., labor.....	15 75
54.	Arthur Ott, labor.....	6 13
55.	Chas. Meyer, labor.....	5 25
56.	Steeve Cedzo, labor.....	7 00
57.	Peter Smith, labor.....	3 50
58.	P. S. Wiswell, team work.....	31 60
59.	Ed. Lutzen, team work.....	13 13
60.	Fred Turner, team work.....	15 00
61.	Peter Schetter, labor.....	7 87
62.	Herman Ruck, labor.....	9 00
63.	Geo. DeBruine, team work.....	4 50
64.	E. F. Geske, team work.....	9 00
65.	Dan De Bach, team work.....	9 00
66.	C. W. Harvey, salary superintendent of grounds.....	90 00
67.	Alferd von Cotzhausen, return on check.....	10 00
68.	Thomas Furnace Co., 2 cars cinders.....	10 00
69.	John M. True, expenses trip to Milwaukee.....	5 76
70.	John Miller, team work.....	19 00
71.	S. S. Leonard, veterinary services.....	2 50
72.	Smith-Blodgett Co., mdse.....	29 47
73.	John M. True, payment on May salary.....	75 00
74.	Geo. G. Cox, expenses.....	36 75
75.	Bert Sigrist, labor.....	24 00
76.	H. Jaeger, Jr., labor.....	14 00
77.	John Streuli, labor.....	17 33
78.	Fred Joehrs, labor.....	20 13
79.	Edw. Rieck, labor.....	15 75
80.	Fred Maehl, labor.....	15 75
81.	Steve Cedzo, labor.....	14 88
82.	Peter Smith, labor.....	15 75
83.	H. Jaeger, Sr., labor.....	5 25
84.	Chas. Meyer, labor.....	7 00
85.	Mrs. Bert Sigrist, cleaning office.....	2 75
86.	P. S. Wiswell, team work.....	19 60
87.	Fred M. Turner, team work.....	12 00
88.	John Miller, team work.....	13 45
89.	George DeBruine, team work.....	8 00
90.	C. M. & St. P. Ry., freight on cinders.....	35 00
91.	John M. True, balance May salary.....	50 00
92.	B. L. Wentworth, salary May.....	50 00

No.	To whom and for what.	Amount.
93.	Robert Phillip, wages May.....	50 00
94.	John M. True, expenses trip to Milwaukee.....	6 75
95.	Bert Sigrist, labor.....	23 00
96.	John Streuli, labor.....	20 38
97.	H. Jaeger, Sr., labor.....	20 38
98.	Fred. Joehrs, labor.....	21 00
99.	Edw. Rieck, labor.....	21 00
100.	Fred Maehl, labor.....	20 38
101.	Steve Cedzo, labor.....	18 55
102.	Peter Smith, labor.....	20 38
103.	P. S. Wiswell, team work.....	35 00
104.	John Miller, team work.....	21 00
105.	Fred N. Turner, team work.....	18 00
106.	Herman Roch, labor.....	4 00
107.	Ed. Lutzen, labor.....	17 50
108.	C. W. Harvey, salary superintendent of grounds.....	75 00
109.	Milwaukee Paint and Varnish Co.' mdse.....	5 00
110.	John M. True expense allowance June.....	25 00
111.	F. W. Coon, subscription Wis. Tobacco Reporter.....	3 00
112.	F. C. Jiracheck, mdse. and repairs.....	12 95
113.	West Allis Gas Co., mdse.....	3 75
114.	West Allis Lumber Co., mdse.....	26 76
115.	A. Gilmore, blacksmithing.....	13 87
116.	Thomas Furnace Co., 8 cars cinders.....	40 00
117.	Lake Shore Stone Co., crushed rock.....	84 00
118.	Smith-Blodgett Co., mdse.....	10 64
119.	E. H. Farrington, expenses trip to fair grounds.....	5 88
120.	C. M. & St. P. Ry., freight on cinders.....	24 43
121.	John M. True, expenses trip to Milwaukee.....	5 66
122.	A. LeFeber, mdse.....	40 81
123.	Bert Sigrist, labor.....	24 00
124.	John Streuli, labor.....	20 12
125.	H. Jaeger, labor.....	16 27
126.	Edw. Rieck, labor.....	18 37
127.	Fred Maehl, labor.....	18 37
128.	Peter Smith, labor.....	14 53
129.	Fred Joehrs, labor.....	17 66
130.	Steve Cedzo, labor.....	5 25
131.	G. Shanning, labor.....	8 00
132.	P. S. Wiswell, team work.....	34 00
133.	John Miller, team work.....	18 00
134.	Fred N. Turner, team work.....	24 00

No.	To whom and for what.	Amount.
135.	H. Ruck, team work.....	4 00
136.	G. U. Fisher, expenses.....	10 52
137.	John M. True, payment on June salary.....	50 00
138.	O. R. Tower, mdse.....	28 67
139.	Chas. Nobles, dirt for race track.....	54 90
140.	John M. True, expenses trip to Milwaukee.....	13 20
141.	Democrat Printing Co. subscription.....	1 25
142.	Geo. McKerrow, expenses.....	19 22
143.	C. M. & St. P. Ry., freight on cinders.....	20 00
144.	Burton Wentworth, help in office.....	5 00
145.	Geo. Wylie, expenses.....	10 06
146.	John M. True, balance June salary.....	75 00
147.	B. L. Wentworth, salary June.....	50 00
148.	Robert Phillip, wages June.....	50 00
149.	J. J. Nelson, expenses.....	9 80
150.	J. L. Herbst, expenses.....	13 94
151.	L. E. Scott, expenses.....	2 95
152.	Void.	
153.	Greve Show Printing Co., advertising material.....	175 00
154.	American Sign Co., advertising material.....	499 78
155.	Rockford Tack & Nail Co., tacks for advertisements	11 40
156.	Bert Sigrist, labor.....	24 00
157.	John Streuli, labor.....	21 00
158.	Herman Jaeger, labor.....	19 25
159.	Edw. Rieck, labor.....	21 00
160.	Peter Smith, labor.....	21 00
161.	G. Schanning, labor.....	22 00
162.	Wm. Wheeler, carpenter work.....	8 00
163.	P. S. Wiswell, team work.....	39 40
164.	Fred N. Turner, team work.....	16 00
165.	John Miller, team work.....	4 00
166.	C. W. Harvey, salary Superintendent of Grounds....	100 00
167.	G. U. Fisher, expenses.....	17 79
168.	Milwaukee Sentinel, advertising proposals.....	1 20
169.	E. A. Hartman, payment on advertising.....	200 00
170.	The Journal Co., advertising privileges.....	4 00
171.	Chas. Liebenthal, blacksmithing.....	25 35
172.	John M. True, expense allowance July.....	25 00
173.	John M. True, expenses trip to Milwaukee.....	6 20
174.	Thomas Furnace Co., cinders.....	35 00
175.	N. P. Nelson, work and material.....	12 50
176.	Smith-Blodgett Co., mdse.....	51 97

No.	To whom and for what.	Amount.
177.	Kentucky Stock Farm, advertising speed.....	7 60
178.	C. H. Everett, expenses.....	2 60
179.	Grant U. Fisher, expenses.....	5 28
180.	The Horse World Co., advertising speed.....	19 25
181.	Sentinel Co., advertising	10 50
182.	News Publishing Co., advertising.....	1 75
183.	The Trotter & Pacer, advertising speed.....	16 00
184.	American Show Print Co., advertising material.....	150 00
185.	Milwaukee Free Press Co., advertising.....	10 40
186.	Kentucky Farmer & Breeder, advertising Stakes....	8 00
187.	John M. True, expenses trip to Milwaukee.....	6 06
188.	John M. True, payment on July salary.....	25 00
189.	A LeFeber, oats and salt.....	19 00
190.	Chicago Horseman Newspaper Co., advertising.....	64 80
191.	Jos. Wagner, grass seed.....	6 20
192.	West Allis Lumber Co., lumber.....	12 15
193.	S. S. Leonard, V. S., veterinary services.....	2 00
194.	Milwaukee Crushed Stone Co., crushed stone.....	71 50
195.	H. Gilmore, blacksmithing.....	7 69
196.	Bert Sigrist, labor.....	23 00
197.	John Streuli, labor.....	17 50
198.	Herman Jaeger, labor.....	14 88
199.	Edw. Rieck, labor.....	17 50
200.	Peter Smith, labor.....	18 38
201.	G. Schanning, labor.....	8 00
202.	Herman Long, labor.....	18 38
203.	George Stichler, labor.....	16 63
204.	Fred Elliott, services as engineer.....	2 75
205.	P. S. Wiswell, team work.....	33 20
206.	C. W. Harvey, expense account.....	10 99
207.	C. & N. W. Ry., freight on adv. material.....	1 63
208.	Western Horseman Co., advertising speed.....	60 00
209.	C. M. & St. P. Ry., freight on cinders.....	15 00
210.	John M. True, expenses trip to Milwaukee.....	7 85
211.	Geo. Wylie, expenses.....	16 94
212.	Klubertanz & Strohmeier, fountain tanks.....	39 00
213.	Wisconsin Telephone Co., telephone rental.....	36 00
214.	Bert Sigrist, labor.....	24 00
215.	John Streuli, labor.....	21 00
216.	Edw. Rieck, labor.....	17 50
217.	Peter Smith, labor.....	17 50
218.	George Stichler, labor.....	19 25

No.	To whom and for what.	Amount.
219.	Herman Long, labor.....	19 25
220.	George Young, labor.....	14 00
221.	Herman Jaeger, labor.....	7 75
222.	Paul Raank, labor.....	5 25
223.	Edward Hohl, painting.....	11 60
224.	Fred N. Turner, labor.....	6 00
225.	P. S. Wiswell, team work.....	38 00
226.	C. W. Harvey, salary Superintendent of Grounds.....	100 00
227.	Wauwatosa Stone Co., stone.....	4 00
228.	Milwaukee Crushed Stone Co., car of dust.....	37 20
229.	John M. True, balance July salary.....	100 00
230.	B. L. Wentworth, salary July.....	50 00
231.	Robert Phillip, wages July.....	50 00
232.	C. M. & St. P. Ry., freight on cinders.....	30 00
233.	John M. True, expenses trip to Milwaukee.....	7 06
234.	Thomas Furnace Co., 8 cars cinders.....	40 00
235.	Spirit of the West, advertising speed.....	45 00
236.	F. C. Jirachek, mdse.....	9 25
237.	Milwaukee Crushed Stone Co., crushed stone.....	38 75
238.	Wisconsin Telephone Co., extension bell.....	75
239.	John M. True, expense allowance August.....	25 00
240.	Geo. McKerrow, expenses.....	18 30
241.	P. Thomas, freight and drayage.....	1 05
242.	A. LeFeber, oats.....	18 00
243.	E. A. Hartman, on bill posting.....	53 50
244.	Lewis Lewellin, over payment entry fee.....	12 00
245.	C. G. Wilcox, expenses.....	103 69
246.	D. B. Danielson, payment on Judging Pavilion.....	7,732 00
247.	Bert Sigrist, labor.....	24 00
248.	John Streuli, labor.....	21 00
249.	Edw. Rieck, labor.....	21 00
250.	Peter Smith, labor.....	19 25
251.	George Stichler, labor.....	17 50
252.	Herman Long, labor.....	17 50
253.	George Young, labor.....	15 75
254.	P. S. Wiswell, team work.....	25 20
255.	John Miller, team work.....	10 00
256.	Edward Hohl, painting.....	14 88
257.	John Zeltinger, painting.....	16 94
258.	C. Strong, labor.....	4 00
259.	G. U. Fisher, expenses.....	19 55
260.	Geo. Wylie, expenses.....	14 21

No.	To whom and for what.	Amount.
261.	John M. True, expenses trip to Milwaukee.....	8 36
262.	Geo. G. Cox, expenses.....	59 90
263.	Wisconsin Telephone Co., messages.....	40
264.	N. J. Newell, bill posting.....	1 50
265.	Whitehead & Hoag Co., badges.....	61 04
266.	C. M. & St. P. Ry., freight on cinders.....	10 00
267.	H. G. Potter, payment on Publicity building.....	500 00
268.	International Harvester Co., mower.....	34 00
269.	John M. True, expenses trip to Milwaukee.....	8 20
270.	Lottie McGilvra, office work.....	10 00
271.	C. M. & St. P. Ry., freight on cinders.....	40 00
272.	West Allis Lumber Co., lumber.....	58 74
273.	Radcliffe & Porter Mfg. Co., windows.....	133 20
274.	Bert Sigrist, labor.....	24 00
275.	John Streuli, labor.....	19 25
276.	Edw. Rieck, labor.....	21 00
277.	Peter Smith, labor.....	19 25
278.	George Stichler, labor.....	21 00
279.	Herman Long, labor.....	21 00
280.	George Young, labor.....	21 00
281.	G. Schanning, labor.....	22 00
282.	William Barton, painting.....	16 00
283.	Otto Hermanson, carpenter work.....	24 75
284.	E. Benson, carpenter work.....	21 73
285.	P. S. Wiswell, team work.....	34 00
286.	Matt L. Williams, over payment on withdrawal.....	25 00
287.	John M. True, salary August.....	125 00
288.	Clark Engraving Co., premium ribbons.....	239 55
289.	C. Hennecke Co., settees.....	43 75
290.	Wm. Barnekow, sand and gravel.....	6 75
291.	Milwaukee Sidewalk Co., walks.....	841 26
292.	C. & N. W. Ry., freight.....	23 85
293.	Cheese & Dairy Journal, advertising.....	5 00
294.	John M. True, expenses trip to Milwaukee.....	7 81
295.	Chicago House Wrecking Co., mdse.....	691 50
296.	James W. Good, advertising.....	2 00
297.	Whitehead & Hoag, badges.....	3 01
298.	Robert Phillip, wages August.....	50 00
299.	B. L. Wentworth, salary August.....	50 00
300.	Gerrie J. Vogt, overpaid entry fee.....	4 00
301.	John Vogt, overpaid entry fee.....	4 00
302.	Ellis B. Usher, advertising.....	100 00

No.	To whom and for what.	Amount.
303.	The Saunders Publishing Co., advertising.....	78 40
304.	Gollmar Bros., circus advertising.....	25 00
305.	Geo. Wylie, expenses.....	22 62
306.	Interior Wood-work Co., roofing barn.....	160 80
307.	Whitnall & Radermaker Supply Co., concrete, construction	2,364 79
308.	C. H. Everett, Superintendent Department G.....	45 00
309.	Smith-Blodgett Co., mdse.....	56 17
310.	Wm. Hake, moving buildings.....	133 00
311.	Herman Ruck, labor.....	8 00
312.	H. G. Potter, payment on Publicity Building.....	700 00
313.	John M. True, expenses trip to Milwaukee	8 55
314.	John M. True, expense allowance, September.....	25 00
315.	The Horse Review Co., advertising.....	82 50
316.	The Herold Co., advertising.....	10 00
317.	Maggie Holub, chickens for table, Fair.....	4 00
318.	Jacob Krueck, delivering cow for tuberculosis demonstration	10 00
319.	Paul C. Wilson, overpaid stall rent.....	4 00
320.	Robert Cain, whitewashing.....	40 00
321.	J. W. O'Donnell, first payment on fireworks.....	478 50
322.	Frank Burkhalter, speed winnings.....	50 00
323.	Allen Bros. Speed winnings.....	100 00
324.	J. T. Edwards, stall rent returned.....	5 00
325.	Geo. Cloni, labor.....	20 00
326.	John J. Kempf, refund on tickets.....	9 00
327.	Thomas Machia, labor.....	14 33
328.	Wm. Burton, painting.....	25 68
329.	C. F. Robbins, speed winnings.....	18 75
330.	E. W. Conant, speed winnings.....	50 00
331.	E. D. Pendleton & Sons, speed winnings.....	50 00
332.	Fred Kleiner, speed winnings.....	450 00
333.	J. B. Chandler, speed winnings.....	200 00
334.	J. B. Chandler, speed winnings.....	100 00
335.	Schraeder Bros., speed winnings.....	200 00
336.	W. O. Foote, speed winnings.....	100 00
337.	W. O. Foote, speed winnings.....	50 00
338.	John M. True, payment of office force.....	498 50
339.	James E. Carew, speed winnings.....	50 00
340.	Harrie Jones, speed winnings.....	100 00
341.	J. T. Wickersham, speed winnings.....	450 00
342.	Samuel B. Green, judging fruit.....	47 40

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No.	To whom and for what.	Amount.
343.	S. H. Newman, speed winnings.....	450 00
344.	W. D. Collyer, judging butter.....	35 00
345.	F. H. Scribner, judging dairy cattle.....	35 00
346.	Void.	
347.	J. W. O'Donnell, second payment on fire works.....	604 00
348.	W. E. Prichard, judging horses.....	75 00
349.	Wm. Plaehn, judging pigeons.....	35 00
350.	K. J. Muir, judging pigeons.....	35 00
351.	W. C. Bradley, superintendent department D.....	30 00
352.	M. A. Judy, judging cattle.....	75 00
353.	Fred Paukhorst, Footville Band, music.....	125 00
354.	J. F. Barbee, speed winnings.....	100 00
355.	E. M. Blessing, speed winning.....	1,000 00
356.	Dana's Band, music.....	510 00
357.	Joseph Gordon, judging swine.....	50 00
358.	G. U. Fisher, Marshal's Dept.....	50 00
359.	T. C. Neal, speed winnings.....	450 00
360.	W. H. Judy, speed winnings.....	225 00
361.	Chas. E. Dean, speed winnings.....	200 00
362.	Chas. E. Dean, speed winnings.....	50 00
363.	Chas. E. Dean, speed winnings.....	100 00
364.	Chas. E. Dean, speed winnings.....	25 00
365.	Geo. Spencer, speed winnings.....	500 00
366.	E. L. Alderhold, judging cheese.....	11 50
367.	Geo. C. Loomis, speed winnings.....	200 00
368.	Woodlawn Farm, speed winnings.....	116 66
369.	Allen Bros., speed winnings.....	450 00
370.	J. E. Sibley, speed winnings.....	450 00
371.	James E. Carew, speed winnings.....	116 66
372.	Peter Vredenburgh, speed winnings.....	100 00
373.	Fred Marty, judging cheese.....	6 70
374.	John Splan, speed winnings.....	200 00
375.	J. W. O'Donnell, third payment on fire works.....	718 50
376.	G. J. Thomas, speed winnings.....	250 00
377.	C. H. Snell, track work.....	24 00
378.	C. F. Robbins, speed winnings.....	33 75
379.	J. C. Adams, speed winnings.....	116 66
380.	J. C. Adams, speed winnings.....	450 00
381.	W. T. Potts, judging cattle and sheep.....	120 00
382.	W. J. Gillett, judging Holstein cattle.....	28 00
383.	S. Butterfield, judging poultry.....	75 00
384.	W. A. Dobson, judging Road Horses.....	65 00

No.	To whom and for what.	Amount.
385.	Frank Wilcox, judging bees and honey.....	12 00
386.	E. E. Schmidt, speed winnings.....	1,125 00
387.	S. H. Newman, speed winnings.....	500 00
388.	W. L. Houser, partial payment on premiums A and B.	50 00
389.	John M. True, office expenses.....	7 00
390.	Wisconsin Live Stock Association, partial payment premium B.....	100 00
391.	Finch Bros, partial payment on premium A.....	125 00
392.	Chandler Bros., partial payment on premium C.....	25 00
393.	Wm. Dagler, Jr. speed winnings.....	125 00
394.	W. O. Foote, speed winnings.....	250 00
395.	T. H. Dann, premium in full B.....	8 00
396.	Forest & Dunham, partial premium B.....	30 00
397.	Void.	
398.	Henry Tennesen, partial premium A.....	20 00
399.	Goldenstein Bros., partial premium A.....	15 00
400.	Irving C. Smith, judging agriculture.....	30 00
401.	Bert Sigrist, labor.....	53 00
402.	John Streuli, labor.....	42 88
403.	Peter Smith, labor.....	43 00
404.	Edw. Rieck, labor.....	43 00
405.	Geo. Stichler, labor.....	39 50
406.	Herman Long, labor.....	42 88
407.	George Young, labor.....	42 88
408.	G. Schanning, labor.....	51 63
409.	G. R. Shephard, labor.....	19 90
410.	Mrs. Geo. Young, cleaning Dairy and Woman's Work Buildings	10 00
411.	Mrs. Bert Sigrist, care of office and washing.....	22 40
412.	P. S. Wiswell, team work.....	60 00
413.	Geo. Brown, team work.....	42 00
414.	Ed. Eenson, carpenter work.....	49 50
415.	Otto Hermanson, carpenter work.....	46 50
416.	John Hussey, speed winings.....	200 00
417.	E. W. Ripley, partial premium, Kenosha Co., Exhibit.	50 00
418.	James Dillon, superintendent department C.....	50 00
419.	G. C. Parish, assistant department C.....	21 00
420.	Harry Dillon, assistant department D.....	14 00
421.	J. C. Mowry, speed winnings.....	500 00
422.	Emil T. Gumz, speed winnings.....	120 00
423.	Jacob Slimmer, partial premium B.....	75 00
424.	C. F. Stone, partial premium B.....	100 00

No.	To whom and for what.	Amount.
425.	A. Libertati, music.....	1,875 00
426.	W. J. Moyle, judging plants and flowers.....	10 00
427.	W. C. Allen, speed winnings.....	1,000 00
428.	Void.	
429.	H. B. Drake, judging grains.....	15 00
430.	Hoyt & Doty, partial premium E.....	75 00
431.	M. A. Wagner, partial premium B.....	100 00
432.	J. McD. Randles, partial premium C.....	25 00
433.	W. G. Bartholf, partial premium C and D.....	60 00
434.	W. W. Vaughn & Sons, partial premium D.....	75 00
435.	E. G. Roberts, partial premium E.....	100 00
436.	J. J. Kempf, treasury force.....	138 00
437.	Wm. Everson & Sons, partial premium B.....	20 00
438.	Ed. Finn, partial premium B.....	30 00
439.	J. S. Donald, assistant department A.....	24 00
440.	C. W. Harvey, superintendent of grounds.....	106 20
441.	Jos. Clauder, music.....	175 00
442.	H. E. & E. M. Moore, partial premium C.....	30 00
443.	J. W. O'Donnell, fourth paymnet on fire works.....	944 62
444.	M. W. & W. H. Reed, returned pen rent.....	1 00
445.	M. W. & W. H. Reed, partial premium D.....	67 00
446.	Herr Bros. & Reynolds, partial premium B.....	150 00
447.	Oakwood Stock Farm, speed winnings.....	50 00
448.	W. S. Dixon, partial premium C.....	100 00
449.	Wm. Smiley, partial premium B.....	75 00
450.	J. C. Robinson & Sons, partial premium B and C....	70 00
451.	A. A. Arnold & Sons, partial premium C.....	71 00
452.	W. B. Barney & Co., partial premium B.....	175 00
453.	M. D. Cunningham, partial premium B.....	100 00
454.	F. M. Barnes, special attractions.....	900 00
455.	Etzler & Moses, partial premium D.....	100 00
456.	S. A. Storrs, premium in full D.....	21 00
457.	John Kivlin, partial premium C.....	5 00
458.	R. Connor Co., premium in full B.....	38 00
459.	Mrs. Jennie A. Jamison, judging culinary exhibit....	25 00
460.	Mrs. L. Esser, judging needle work.....	25 00
461.	Prosper Van Noyen, premium in full A.....	10 00
462.	W. D. Becker, premium in full D.....	18 00
463.	W. E. Carrow, balloon races.....	500 00
464.	Orpheon Ladies' Orchestra, music.....	100 00
465.	Chas. E. Dean, speed winnings.....	450 00
466.	M. R. Higbee, speed winnings.....	1,125 00

No.	To whom and for what.	Amount.
467.	Harrie Jones, speed winnings.....	100 00
468.	W. A. Hofacker, helping balloonist.....	10 00
469.	W. James, running races.....	10 00
470.	G. U. Fisher, expenses marshal's department.....	200 00
471.	P. J. Liston, speed winnings.....	125 00
472.	W. S. Hager, assistant department G.....	24 50
473.	Mrs. R. J. Hicks, board of firemen.....	14 00
474.	F. E. Stone, starter of races.....	120 00
475.	Geo. E. Ferguson, helping balloonists.....	9 00
476.	J. B. Chandler, speed winnings.....	500 00
477.	Allie Wooster, relay race.....	2,000 00
478.	Mrs. Salome Battles, assistant culinary department...	10 00
479.	W. O. Foote, speed winnings.....	50 00
480.	D. R. Wedgwood, asst. department K.....	38 50
481.	M. E. Heinka, assistant special attractions.....	17 50
482.	Chas. M. Tanner, work in department E.....	18 00
483.	G. A. Jung, livery.....	37 50
484.	John M. True, expenses.....	6 75
485.	G. U. Fisher, expenses marshal's department.....	400 00
486.	Frederick Zacher, assistant department E.....	24 50
487.	Frank Macho, work in department E.....	16 00
488.	C. D. Rosa, expenses gates department.....	1,258 00
489.	Marshfield Military Band, music.....	390 00
490.	Geo. E. Pendleton, speed winnings.....	52 50
491.	J. F. Scaneleton, speed winings.....	120 84
492.	Baader & La Velle, bicycle attraction.....	100 00
493.	Allie Wooster, running races.....	95 84
494.	F. E. Fink, running races.....	49 16
495.	W. P. Bussey, assistant department F.....	17 50
496.	J. L. Herbst, expenses board meeting.....	16 15
497.	G. U. Fisher, police force.....	800 00
498.	J. L. Herbst, superintendent departments F. and H...	62 16
499.	Mrs. Pauline Dame, for running dining hall.....	150 00
500.	H. G. Potter, balance payment publicity building.....	530 00
501.	C. H. Ford, assistant department H.....	38 50
502.	Mrs. M. E. Chadwick, expenses department M.....	127 00
503.	W. C. Hansen, assistant department privileges.....	38 50
504.	W. O. Foote, speed winnings.....	25 00
505.	J. W. Flack, speed winnings.....	250 00
506.	F. M. Barnes, payment on fire works.....	20 05
507.	O. F. Roessler, superintendent privileges.....	80 00
508.	J. W. O'Donnell, final payment on fire works.....	140 32

No.	To whom and for what.	Amount.
509.	David Wedgwood, expenses supt. department K.....	97 80
510.	Dode Fisk, special attraction.....	200 00
511.	Geo. G. Cox, expenses superintendent, A.....	65 00
512.	Geo. G. Cox, expenses board meeting.....	37 35
513.	Ed. Fitzgerald, labor.....	7 50
514.	J. W. O'Donnell, special advertising.....	50 00
515.	G. U. Fisher, watchman.....	141 85
516.	B. L. Wentworth, work at fair.....	36 50
517.	D. H. Pollock, assistant speed department.....	28 00
518.	Henry G. Fischer, assistant speed department.....	30 00
519.	East View Stock Farm, speed winnings.....	2,250 00
520.	East View Stock Farm, speed winnings.....	250 00
521.	The Mil. Elec. Ry. & Light Co., work, lights etc., fair 1905	1171 63
522.	Wis. Lakes Ice and Cartage Co., ice during fair].....	34 80
523.	Jos. Miller, meat for dining hall.....	68 96
524.	J. H. Gevaart, groceries for dining hall.....	79 91
525.	Douville Bros., milk and cream for dining hall.....	18 30
526.	F. E. Walsh, sewer pipes.....	61 04
527.	Geo. G. Humphrey, judging cattle.....	16 35
528.	Wm. Barnekow, sprinkling track.....	28 00
529.	Wm. Ziegenhagen, carpenter work.....	4 50
530.	Chas. Gill, livery.....	41 85
531.	Edw. Hohl, painting.....	6 95
532.	C. W. Harvey, salary supt. of grounds, August.....	100 00
533.	Geo. S. Carney, views state fair.....	7 00
534.	F. B. Breitwisch, signs.....	35 00
535.	L. Hirschinger, teas and coffees for dining hall.....	7 00
536.	Schwaab Stamp and Seal Co., mdse.....	5 09
537.	F. C. Jirachek, mdse.....	8 65
538.	Albert Trostal & Sons, spent tan bark.....	10 00
539.	Pfister & Vogel Leather Co., spent tan bark.....	29 58
540.	Saxe Sign Co, signs.....	6 50
541.	A. LeFeber, coal and chicken feed.....	57 83
542.	J. J. Nelson, superintendent department L.....	41 75
543.	M. L. Stierngranat, assistant department L.....	28 25
544.	C. E. Matteson, assistant department E.....	28 00
545.	A. L. Vannaman, services speed department.....	29 30
546.	Wernich Seed Co., seals and cups poultry dept.....	14 57
547.	Mrs. Adda F. Howie, expenses supt. dept. E.....	62 04
548.	Harry Gregg, work in department E.....	22 00
549.	F. W. Schneck & Co., mdse.....	135 25

WISCONSIN STATE BOARD OF AGRICULTURE.

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No.	To whom and for what.	Amount.
550.	Fred Marty, expenses judge department J.....	2 20
551.	Milwaukee Crushed Stone Co., mdse.....	21 00
552.	Cridley Dairy Co., butter for dining hall.....	15 60
553.	M. Marks Jr., coops.....	130 00
554.	Standard Telephone & Electric Co., construction and rentals	34 50
555.	J. R. Edwards, special services marshals' office.....	10 00
556.	Cream City Bill Posting Co., bill posting.....	341 78
557.	Thomas Furnace Co., cinders.....	50 00
558.	L. E. Scott, expenses superintendent dept. J.....	44 40
559.	The Mil. Elec. Ry. & Light Co., treasurers specl. car	60 00
560.	The Wisconsin Agriculturist, advertising.....	300 00
561.	Catholic Citizen, advertising.....	10 00
562.	Hoard's Dairyman, advertising.....	40 00
563.	Farmers' Record, advertising.....	5 00
564.	Sentinel Company, advertising.....	371 50
565.	Milwaukee Free Press Co., advertising.....	378 00
566.	The Journal Co., advertising.....	238 00
567.	News Publishing Co., advertising.....	250 00
568.	Germania Publishing Co., advertising.....	82 00
569.	The Evening Wisconsin, advertising.....	191 50
570.	The Herold Co., advertising.....	59 00
571.	Kuryer Publishing Co., advertising.....	55 00
572.	Emil Ringel, drawings.....	2 00
573.	Krus Engraving Co., cuts.....	39 00
574.	Wis. Bill Posting Co., balance on bill posting.....	650 00
575.	M. Michels, assistant department J.....	41 17
576.	Geo. McKerrow & Sons, premiums in full, A and C...	516 50
577.	Geo. McKerrow, expenses.....	23 80
578.	Geo. McKerrow, purchasing agent.....	40 00
579.	W. A. McKerrow, premium in full C.....	51 00
580.	W. D. McGill, premiums in full C.....	44 00
581.	W. H. Edwards, premiums in full C.....	48 00
582.	E. G. Roberts, balance premium E.....	141 75
583.	J. B. Russell, plumbing.....	1,110 54
584.	Hoyt & Doty, balance premium E.....	11 15
585.	F. W. Harding, premiums in full B and C.....	845 18
586.	Fox Bros., premium in full A.....	62 00
587.	Sleep Bros., premium in full A.....	202 00
588.	Goldenstein Bros., balance premium A.....	12 00
589.	J. R. Love, premiums in full A and E.....	52 00
590.	Henry T. Graber,, premium in full A.....	25 00

No.	To whom and for what.	Amount.
591.	F. H. Matthes, premium in full A.....	5 00
592.	James G. Boyd, premium in full A.....	35 00
593.	John H. Williams, premium in full A and B.....	54 00
594.	Alfred von Cotzhausen, premium in full A.....	60 00
595.	D. W. Powell, premium in full A.....	14 00
596.	S. L. Mann, premium in full A.....	9 00
597.	Adam Seitz, premiums A and B.....	144 00
598.	J. R. Peak & Son, premium in full A.....	377 00
599.	L. Lewellin & Sons, premiums in full A.....	169 00
600.	Henry Tennesen, balance premium A.....	17 17
601.	Henry Torhorst & Son, premium in full A.....	10 00
602.	Finch Bros., balance premium A.....	108 00
603.	Daniel Schley, permium in full A.....	5 00
604.	Rowlands Bros., premium in full A.....	15 00
605.	McLay Bros., premium in full A.....	307 00
606.	H. A. Briggs, premium in full A.....	120 00
607.	Hans Berg, premium department A.....	20 00
608.	August Uihlein, premium in full A.....	141 00
609.	Ethelwold Farms, balance premiums A, B and C.....	356 00
610.	Progress Blue Ribbon Stud, premium in full A.....	95 00
611.	Robert S. Witte, premium in full A.....	19 00
612.	G. N. Mihills, premium in full A.....	215 00
613.	Herr Bros. & Reynolds, balance premium B.....	180 00
614.	Forest & Dunham, balance premium B.....	46 00
615.	Divan Bros., premium in full B.....	234 00
616.	M. A. Wagner, balance premium B.....	25 00
617.	E. D. Jones & Son, premium B.....	124 00
618.	Wm. Smiley, balance premium B.....	67 00
619.	J. C. Robinson & Son, balance premiums B and C.....	184 00
620.	Geo. Carpenter, premium in full B.....	81 00
621.	J. Slimmer, balance premium B.....	91 00
622.	A. W. Doppke, premium in full B.....	15 00
623.	E. M. Barton, premium in full B.....	226 00
624.	H. W. Ayers, premiums in full B and D.....	126 00
625.	W. B. Barney Co., balance premium B.....	170 00
626.	C. F. Stone, balance premium B.....	83 00
627.	Wis. Live Stock Assoc., balance premium B.....	315 00
628.	Wm. Everson & Sons, balance premium B.....	5 00
629.	Rust Bros. premium in full B.....	204 00
630.	Redelein Bros., premium in full B.....	10 00
631.	E. J. Fargo, premium in full B.....	60 00
632.	E. T. Carroll, premium in full B.....	45 00

No.	To whom and for what.	Amount.
633.	M. D. Cunningham, balance premium B.....	168 00
634.	J. G. Hickcox, premium in full B.....	77 00
635.	L. P. Martiny, premiums in full B and D.....	136 00
636.	Seymour Bros., premium in full B.....	43 00
637.	W. S. Dixon, balance premiums B and D.....	91 00
638.	Geo Martin, premiums in full B. and D.....	188 00
639.	Sam Jones & Son, premium in full B.....	125 00
640.	John Kivlin, balance premium C.....	39 00
641.	Renk Bros., premium in full C.....	18 00
642.	Chandler Bros., balance premium C.....	21 00
643.	W. Woodard, premium in full C.....	71.00
644.	A. J. Klein, premium in full C and E.....	41 00
645.	A. Broughton, premium in full C.....	12 00
646.	W. G. Bartholf, balance premiums C and D.....	94 00
647.	F. H. Patten, premium in full C and D.....	151 00
648.	A. A. Arnold & Sons, balance premiums C and D....	94 00
649.	N. B. Cutler, premium in full C and D.....	80 00
650.	H. E. & E. M. Moore, balance premium C.....	297 00
651.	J. McD. Randles, balance premium C.....	16 00
652.	Chas. T. Hill, premium in full D.....	18 00
653.	M. W. & W. H. Reed, balance premium D.....	100 00
654.	W. C. Waite, premium in full D.....	54 00
655.	Ferdinand Schmeder, premium in full D.....	59 00
656.	Sager Bros., premium in full D.....	8 00
657.	Etzler & Moses, balance premium D.....	35 00
658.	Geo. E. Kelly, premium in full D.....	75 00
659.	H. P. West, premium in full D and F.....	286 00
660.	Void	
661.	Wm. W. Vaughn & Sons, balance premium D.....	58 00
662.	W. J. Martin, premium in full D.....	59 00
663.	Wm. J. Kelly, premium in full D.....	46 00
664.	H. J. Noblet, premium in full D.....	22 00
665.	Eli Crall, & Son, premium in full D.....	6 00
666.	Kelly Bros., premium in full D and F.....	200 00
667.	F. W. Neisman Co., balance premium E.....	47 65
668.	George Cook, premium in full E.....	12 25
669.	O. J. Bedârd, premium in full E.....	6 25
670.	Frank Kittinger, premium E.....	4 50
671.	Chas. G. Wolff, premium E.....	5 75
672.	Louis Pierron, premium E.....	3 75
673.	A. Robertson, premium E.....	2 25
674.	Arthur Kittinger, premium E.....	1 50

No.	To whom and for what.	Amount.
675.	Fred Stier, premium E.....	6 25
676.	H. Hartkopf, premium E.....	3 00
677.	A. M. Schulz, premium E.....	6 50
678.	Jos. P. Allyn, premium E.....	14 00
679.	Fred Y. Parfrey, premium E.....	27 00
680.	Boots & Stier, premium E.....	16 75
681.	Erwin Engleman, premium E.....	7 25
682.	Dawson Bros, premium E.....	58 00
683.	John C. Schulz, premium E.....	9 00
684.	Pasbrig Bros., premium E.....	13 50
685.	B. S. Beckington, premium E.....	17 75
686.	Geo. Taege, premium E.....	4 00
687.	Fuch Bros., premium E.....	4 25
688.	Mrs. H. N. Graves, premium E.....	1 75
689.	Clement & Fike, premium E.....	11 25
690.	True White Poultry yards, premium E.....	5 25
691.	Frank Austerman, premium E.....	6 50
692.	Robert R. Kiesslich, premium E.....	2 50
693.	John Conrad, premium E.....	11 00
694.	J. L. Nowak, premium E.....	1 50
695.	Geo. W Tulenz, premium E.....	4 00
696.	Krause Bros., premium E.....	3 25
697.	Mrs. V. M. Stewart, premium E.....	2 50
698.	H. O. Sears, premium E.....	12 50
699.	Fred Alger, premium E.....	6 50
700.	E. R. Adams, premium E.....	1 50
701.	American Trotting Assoc., protested.....	2,250 00
702.	Albert R Zier, premium E.....	2 25
703.	A. O. Heilman, premium E.....	6 75
704.	H. T. Seeman, premium E.....	7 00
705.	H. F. Crandall, premium E.....	1 00
706.	S. S. Rich, premium E.....	12 00
707.	A. & T. Norenberg, premium E.....	7 00
708.	Jos. Voltz, premium E.....	8 00
709.	J. Gallagher & Co., flags and rental of tents.....	305 00
710.	W. A. Thomas, premium E.....	3 00
711.	Chas. Jenschke, premium E.....	8 50
712.	Jos. Gellecke, premium E.....	4 00
713.	George Ewald, premium E.....	96 50
714.	Wagner Bros., premium E.....	30 50
715.	Ferdinand Vanselow, premium E.....	5 00
716.	Herman Kretschmer, premium E.....	7 00

No.	To whom and for what.	Amount.
717.	Max Staehle, premium E.....	8 00
718.	William Korb, premium E.....	8 00
719.	J. F. Heer, premium E.....	19 00
720.	A. T. Keiper, premium E.....	10 50
721.	Mrs. A. T. Kiepper, premium E.....	7 50
722.	Isabel Jansen, premium E.....	27 50
723.	C. F. Chamberlain, premium E.....	1 00
724.	J. F. Roe, premium E.....	10 00
725.	E. Williamson, premium E.....	4 00
726.	Walter Korb, premium E.....	10 00
727.	Thos. McCauley, premium E.....	8 00
728.	Herman Vanselow, premium E.....	51 00
729.	J. A. Koenig, premium E.....	13 00
730.	Mrs. J. A. Koenig, premium E.....	6 00
731.	W. C. Bolt, premium E.....	5 00
732.	A. M. Fiebrantz, premium E.....	15 00
733.	C. Williamsen, premium E.....	30 00
734.	R. B. Dobrogowski, premium E.....	45 00
735.	Mrs. R. B. Dobrogowski, premium E.....	18 00
736.	A. Williamson, premium E.....	20 00
737.	L. A. Jansen, premium E.....	24 00
738.	E. G. Pasewalk, premium E.....	3 00
739.	W. Tegge, premium E.....	3 00
740.	H. C. Boers, premium E.....	10 00
741.	Peter Witteman, premium E.....	3 00
742.	T. H. Pasbrig, premium E.....	7 00
743.	Theo Reuter, premium E.....	16 00
744.	Jos. Barta, Jr., premium E.....	3 00
745.	Gust Schreiber, premium F.....	7 00
746.	P. M. Schwarz, premium F.....	7 00
747.	R. E. Pilgrim, premium F.....	84 00
748.	John Grape, premiums F and H.....	70 75
749.	W. F. Pilgrim, premium F.....	18 00
750.	A. L. Kleeber, premium F.....	61 00
751.	J. H. Pilgrim, premium F.....	43 00
752.	Henry J. Schulte, premium F.....	10 00
753.	John Hans, premium F.....	18 00
754.	Stiles Bros., premium F.....	8 00
755.	Casper Olson, premium F.....	40 00
756.	H. A. Main, premium F.....	4 00
757.	F. J. Lindley, premium F.....	40 00

No.	To whom and for what.	Amount.
758.	E. W. Ripley, premium F.....	2 00
759.	E. W. Ripley, balance premium Kenosha County Exhibit	64 95
760.	D. T. Pilgrim, premium F.....	6 00
761.	Jacob Weiss, premium F.....	1 00
762.	Stiles Bros, Jr., premium F.....	27 00
763.	Eddie Finn, premium F.....	23 00
764.	Harry Markert, premium F.....	27 00
765.	Henry V. West, premium F.....	26 00
766.	A. K. Ferris, premium F.....	13 00
767.	E. D. Ochsner, premium F.....	39 00
768.	J. J. Ochsner, premium F.....	22 00
769.	Milwaukee Paint & Varnish Co., paint.....	11 74
770.	C. G. Wilcox, expenses Superintendent Speed Department	184 20
771.	The Chronicle Co., advertising.....	10 00
772.	Aug. F. Westphal, over paid entry.....	2 00
773.	Schueppert Zeller Printing Co., Car Banners.....	14 50
774.	Clark Engraving Co., cuts.....	26 75
775.	Gimbel Bros., mdse.....	74 93
776.	Pfister & Vogel Leather Co., balance on tan bark.....	2 00
777.	W. Beattie, Assistant Department B.....	24 50
778.	Geo. Wylie, superintendent department B.....	54 00
779.	C. D. Rosa, superintendent of gates.....	70 00
780.	Radcliffe & Porter Mfg. Co., mdse.....	21 00
781.	Ernest O. Best, office work.....	21 00
782.	Wm. E. Prisk, premium F.....	67 00
783.	J. A. Trevillian, premium F.....	7 00
784.	Jos. Volz, premium F.....	6 00
785.	A. J. Cromwell, premium Wood county exhibit.....	164 65
786.	L. G. Ramm, premium Taylor County exhibit.....	164 25
787.	H. P. West, premium Fond du Lac county exhibit....	156 10
788.	Grape & Ingersoll, premium Waukesha county exhibit	151 25
789.	E. L. Benedict, premium Rock county exhibit.....	147 10
790.	Geo. Maurer, premium Jefferson county exhibit.....	142 00
791.	J. F. Lindley, premium Dodge county exhibit.....	138 50
792.	Ralph Skidmore, premium Marinette county exhibit..	130 20
793.	M. S. Barker, premium Forest county exhibit.....	72 00
794.	Geo. E. Reynolds, premium Adams county exhibit....	117 00
795.	Ed Finn, balance premium B.....	33 00
796.	Pioneer Fruit Farm, premium H.....	76 50
797.	Void.	

798.	William Fox, premium H.....	86 75
799.	John Grape, premium H.....	19 50
800.	William Toole, premium H.....	15 75
801.	W. J. Moyle, premium H.....	17 50
802.	J. S. Palmer, premium H.....	67 25
803.	Mrs. Robert Ramsey, premium H.....	63 25
804.	Geo. Jeffery, premium H.....	52 70
805.	E. L. Benedict, premium H.....	8 25
806.	M. V. Sperbeck, premium H.....	11 25
807.	Henry Schuster, premium H.....	36 25
808.	Currie Bros., premium H.....	72 00
809.	John M. Dunlop, premium H.....	82 00
810.	Alex Klokner, premium H.....	20 00
811.	H. W. Koerner, premium H.....	5 00
812.	D. T. Pilgrim, premium H.....	28 50
813.	Mrs. E. C. Strong, premium H.....	6 00
814.	Mrs. L. W. Barnes, premium H.....	35 00
815.	Kelly Bros., premium H.....	44 00
816.	Mrs. F. G. Haight, premium L.....	6 00
817.	Clara M. Byron, premium L.....	27 00
818.	Eleanor Hanson, premium L.....	5 00
819.	J. H. Field, premium L.....	10 00
820.	Mrs. Enoch Chase, premium L.....	8 00
821.	May Fournass, premium L.....	17 00
822.	Adeline B. Bellman, premium L.....	31 00
823.	Francesco Spicuzza, premium L.....	87 00
824.	Gustave Moeller, premium L.....	38 00
825.	Frank L. Schlik, premium L.....	5 00
826.	Mrs. O. Pratt, premium L.....	5 00
827.	Albert Elsner, Jr., premium L.....	21 00
828.	Anna Reiter, premium L.....	16 00
829.	Otto Peetz, premium L.....	3 00
830.	Alex C. Guth, premium L.....	10 00
831.	Mrs. L. E. Greenleaf, premium L.....	40 00
832.	Phebe L. Wilbur, premium L.....	6 00
833.	Mrs. P. M. Kynaston, premium L.....	27 00
834.	Ella Nickey, premium L.....	2 00
835.	Mrs. Anna E. Pierce, premium L.....	31 00
836.	Mrs. L. A. Peters, premium L.....	2 00
837.	Jennie Rietveld, premium L.....	5 00
838.	Mrs. Clara Bradley, premium L.....	2 00
839.	C. M. & St. P. Ry., freight.....	35 27
840.	Clark Engraving Co., cuts.....	5 50

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No.	To whom and for what.	Amount.
841.	Evening Wisconsin, Co., supplies.....	16 75
842.	John A. Gargen Jr., rent of coops.....	5 00
843.	A. F. Bennest, music	110 00
844.	Leader Publishing Co., advertising.....	10 00
845.	F. S. Elliot, services as engineer.....	47 00
846.	John Splan, over paid entry.....	25 00
847.	Chas. Thompson, Agt., express and telegrams.....	2 75
848.	O. R. Tower, lumber.....	375 59
849.	Lillie Dreyfus, premium M.....	10 00
850.	Mrs. Henry Fischer, premium M.....	24 00
851.	Mrs. A. D. Stoppenbach, premium M.....	19 00
852.	Sadie Uihlein, premium M.....	3 00
853.	Mrs. R. H. Talbutt, premium M.....	8 00
854.	Amanda Adam, premium M.....	2 00
855.	Matilda H. Alvord, premium M.....	9 00
856.	Amanda Rissman, premium M.....	11 00
857.	Amanda Rissman, premium H.....	2 50
858.	E. M. Baker, premium M.....	9 00
859.	Mrs. E. J. Coon, premium M.....	2 00
860.	Mrs. Susie Abert, premium M.....	21 00
861.	Mrs. S. J. Malloy, premiums L and M.....	13 00
862.	Viola Abert, premium M.....	14 00
863.	Estella Wilcox, premium M.....	2 00
864.	Amanda Pagels, premium M.....	2 00
865.	Minnie M. Becker, premium M.....	2 00
866.	Mrs. A. L. Roethe, premium M.....	2 00
867.	Mrs. L. C. Huckstep, premium M.....	9 00
868.	M. L. Brandel, premium M.....	4 00
869.	Mrs. Susan Moffet, premium M.....	3 00
870.	Mrs. A. Gulick, premium M.....	2 00
871.	Mrs. A. Meyer, premium M.....	10 00
872.	Mrs. Anna L. Corwith, premium M.....	7 00
873.	Caroline Schmasow, premium M.....	6 00
874.	State School Sparta, premium M.....	4 00
875.	Mrs. L. S. Pease, premium M.....	5 00
876.	Minnie Wiese, premium M.....	3 00
877.	Mrs. S. Battles, premium M.....	2 00
878.	Alinda Jenczensky, premium M.....	1 00
879.	Elsie Meyer, premium M.....	5 00
880.	Mary E. Pease, premium M.....	11 00
881.	Lydia Wallenburg, premium M.....	16 00
882.	Josephine Stoppenbach, premium M.....	22 00

No.	To whom and for what.	Amount.
883.	Marie Holman, premium M.....	5 00
884.	Mrs. Lizzie M. Wright, premium M.....	11 00
885.	Industrial School Waukesha, premium M.....	1 00
886.	Mrs. E. L. Douville, premium M.....	3 00
887.	Mrs. Thos. P. Leonard, premium M.....	6 00
888.	Mrs. Wm. Sweeney, premium M.....	3 00
889.	Mrs. L. Sheldon, premium M.....	1 00
890.	Mrs. A. H. Claymier, premium M.....	2 00
891.	Tena Fromader, premium L and M.....	12 00
892.	Mrs. Chas. Lentz, premium M.....	13 00
893.	Mrs. R. S. Holmes, premium M.....	13 00
894.	Lillie Geerds, premium M.....	4 00
895.	Mrs. E. Westphal, premium M.....	38 00
896.	Ruby L. Gleason, premium M.....	9 00
897.	Mrs. W. P. Wegner, premium M.....	23 00
898.	Adele Westphal, premium M.....	20 00
899.	Mattie Hall, premium M.....	17 00
900.	Mrs. John Hans, premium M.....	13 00
901.	Mrs. S. Poppe, premium M.....	15 00
902.	Mrs. L. Yanke, premium M.....	39 00
903.	Mrs. Thos. Bowes, premiums H and M.....	31 50
904.	Amelia A. Lanning, premium M.....	8 00
905.	Mrs. Frank J. Granger, premium H and M.....	30 00
906.	Mary C. Nicholson, premium M.....	17 00
907.	Nannie Hall, premium M.....	9 00
908.	B. L. Wentworth, balance salary September.....	25 00
909.	J. M. True, salary September.....	125 00
910.	Robert Phillip, wages September.....	50 00
911.	Pewaukee Band, music.....	45 00
912.	Frederick Upman, Jr., carrying mail.....	28 65
913.	South Milwaukee Press, advertising and tickets.....	13 00
914.	William Toole, balance premium H.....	2 00
915.	D. T. Pilgrim, balance premium H.....	2 00
916.	E. D. Jones & Son, overpaid stall rent.....	14 00
917.	Adam Seitz, overpaid stall rent.....	14 00
918.	Anthony Spalthoff, premium L.....	10 00
919.	Dr. O. W. Joslin, premium L.....	3 00
920.	Mrs. E. Willas-Hetlesae, L and M.....	11 00
921.	A. J. Wileman, returned entry fee.....	2 00
922.	Fred Anderson, premium and sales J.....	8 82
923.	E. L. Adams, sales J.....	3 60
924.	F. W. Ashman, sales J.....	4 00

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No.	To whom and for what.	Amount.
925.	A. M. Adams, sales J.....	1 00
926.	T. M. Borglun, premium and sales J.....	12 67
927.	William Boldt, sales J.....	4 00
928.	Geo. Blumenstein, sales J.....	12 20
929.	Frank Blumenstein, premium and sales J.....	14 05
930.	F. W. Bartelt, premium and sales J.....	8 25
931.	Albert Brinkman, premium and sales J.....	9 12
932.	Frank Bowar, premium and sales J.....	33 80
933.	J. E. Boettcher, sales J.....	3 80
934.	Laurean Bolstad, premium and sales J.....	6 57
935.	B. G. Bursch, sales J.....	4 20
936.	E. Bingham, sales J.....	1 80
937.	D. R. Burritt, sales J.....	1 80
938.	Henry Bast, premium and sales J.....	5 85
939.	Ray Curtis, premium and sales J.....	18 60
940.	C. H. Christianson, premium and sales J.....	16 10
941.	E. H. Coulson, premium and sales J.....	7 50
942.	W. J. Clark, premium and sales J.....	13 02
943.	Mrs. S. J. Curtis, premium and sales J.....	22 52
944.	W. A. Conrey, sales J.....	4 00
945.	S. B. Cook, premium J.....	12 02
946.	E. J. Czamanske, premium and sales J.....	15 40
947.	M. D. Cunningham, premium J.....	6 15
948.	T. Carswell, sales J.....	2 20
949.	Chas. Conver, premium and sales J.....	9 55
950.	John H. Curtis, premium and sales J.....	6 97
951.	R. C. Dieckow, sales J.....	5 20
952.	G. L. Dietrich, sales J.....	4 00
953.	J. F. Dabareiner, premium and sales J.....	9 28
954.	E. L. Duxbury, premium and sales J.....	6 57
955.	E. J. Ells, sales J.....	4 00
956.	B. J. Ellis, premium and sales J.....	10 20
957.	Jas. A. Emerson, premium and sales J.....	7 50
958.	Ole Esker, premium and sales J.....	10 47
959.	Albert Erickson, premium and sales J.....	8 62
960.	Martin Engbretson, sales J.....	4 00
961.	A. J. Fraser, premium and sales J.....	7 70
962.	Mrs. E. W. Fisher, premium J.....	84
963.	H. Fassbender, premium and sales J.....	5 85
964.	E. C. Golz, premium and sales J.....	4 52
965.	L. C. Glaesel, premium and sales J.....	7 70
966.	Galesburg Creamery Co., premium and sales J.....	7 70

966.	Galesburg Creamery Co., premium and sales J....	7 70
967.	L. A. Goodchild, sales J.....	5 20
968.	Christian Glaus, sales J.....	4 00
969.	John Grosser, premium and sales J.....	8 42
970.	Fred Grimm, sales J.....	12 60
971.	A. V. Grow, premium and sales J.....	8 80
972.	Louis W. Genske, sales J.....	3 80
973.	Herman Goetsch, premium and sales J.....	17 15
974.	C. Gerlach, premium and sales J.....	13 05
975.	A. F. Guelzow, premium and sales J.....	9 55
976.	E. J. Hildeman, premium and sales J.....	13 52
977.	Edwin Hed, premium and sales J.....	11 40
978.	Eric Hermanson, premium and sales J.....	7 12
979.	Ole Hanson, sales J.....	12 40
980.	Wm. Haag, premium and sales J.....	18 79
981.	A. B. Hoyt, sales J.....	8 60
982.	F. W. Huth, premium and sales J.....	9 55
983.	John G. Howe, premium and sales J.....	6 77
984.	F. H. Harms, premium and sales J.....	8 42
985.	John Hanson, sales J.....	6 00
986.	L. P. Holgerson, premium and sales J.....	11 12
987.	Mrs. G. Halladay, premium J.....	10 25
988.	J. G. Hickcox, premium and sales J.....	9 60
989.	W. J. Hyne, premium and sales J.....	16 19
990.	Howard Creamery Co., premium and sales J.....	3 85
991.	C. W. Judkins, premium and sales J.....	8 62
992.	W. Judevine, sales J.....	5 00
993.	Fred Jaquith, premium and sales J.....	5 65
994.	A. H. Jones, sales J.....	2 40
995.	G. E. Jordan, premium and sales J.....	9 92
996.	J. J. Jackson, premium and sales J.....	8 62
997.	O. A. Kielsmeier, sales J.....	4 00
998.	C. M. Kates, premium and sales J.....	11 15
999.	W. F. Krohn, premium and sales J.....	9 53
1000.	Paul G. Knoll premium J.....	1 85
1001.	P. M. Knudtson, premium and sales J.....	7 55
1002.	J. W. Koepsell, premium and sales J.....	6 77
1003.	O. E. Knoke, premium and sales J.....	11 40
1004.	F. H. Kelling, sales J.....	3 40
1005.	Oren Longley, premium and sales J.....	9 55
1006.	W. Lund, premium and sales J.....	9 55
1007.	H. W. Larson, sales J.....	12 40
1008.	C. F. Langkilde, premium and sales J.....	14 83

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No.	To whom and for what.	Amount.
1009.	Mrs. F. J. Lindley, premium and sales J.....	5 10
1010.	Mrs. A. W. Lehman, premium and sales J.....	16 65
1011.	W. H. Lester, premium and sales J.....	2 72
1012.	John F. Magrane, sales J.....	4 00
1013.	W. A. Moyse, premium and sales J.....	10 47
1014.	Geo. W. Mullen, premium and sales J.....	24 51
1015.	Harry H. Moats, sales J.....	3 50
1016.	A. McLane, premium and sales J.....	13 80
1017.	E. C. McCormick, sales J.....	4 00
1018.	F. E. McCormick, premium and sales J.....	10 67
1019.	Mrs. J. H. McRostie, premium and sales J.....	26 64
1020.	William Mussehl, sales J.....	3 60
1021.	Martin Martin, sales J.....	2 00
1022.	Thos. Netland, premium and sales J.....	3 85
1023.	G. H. Nielson, premium and sales J.....	7 35
1024.	H. N. Olson, sales J.....	3 60
1025.	Lauritz Olson, sales J.....	4 00
1026.	Otto Olson, premium and sales J.....	8 62
1027.	Arthur Oestreich, premium and sales J.....	15 47
1028.	Thos. O'Niell, premium and sales J.....	10 24
1029.	Oshkosh Pure Milk Co., premium and sales J.....	14 77
1030.	Paoli Creamery Co., sales J.....	6 20
1031.	J. C. Post, premium and sales J.....	9 62
1032.	Arthur G. Puerner, sales J.....	12 40
1033.	E. A. Paddock, premium and sales J.....	14 67
1034.	J. H. Pilgrim, premium J.....	6 15
1035.	E. A. Reese, premium and sales J.....	10 10
1036.	Frank A. Rivers, premium and sales J.....	12 67
1037.	Ben Roan, premium and sales J.....	8 22
1038.	Stiles Bros., sales J.....	6 00
1039.	LeRoy Skofstad, sales J.....	4 00
1040.	F. E. Snyder, sales J.....	4 00
1041.	D. A. Sheldon, sales J.....	5 60
1042.	P. J. Springsteen, premium and sales J.....	7 50
1043.	A. C. Steinhauer, sales J.....	660
1044.	Irvin W. Stryker, sales J.....	12 40
1045.	C. W. Slye, premium and sales J.....	8 62
1046.	Chas. Sass, premium and sales J.....	19 60
1047.	Mrs. William Sweeney, premium and sales J.....	13 30
1048.	F. W. Sutcliffe, premium and sales J.....	17 15
1049.	Alfred Schroeder, premium and sales J.....	17 15
1050.	Ed Seaman premium and sales J.....	7 50

No.	To whom and for what.	Amount.
1051.	G. P. Sauer, premium and sales J.....	8 00
1052.	Wm. Schoessow, premium and sales J.....	4 92
1053.	A. F. Strebe, premium and sales J.....	9 55
1054.	B. O. Sather, sales J.....	4 40
1055.	Gust Trager, premium and sales J.....	4 92
1056.	E. A. Uihling, sales J.....	4 60
1057.	W. A. Voight, premium J.....	11 10
1058.	F. A. Viergutz, sales J.....	4 00
1059.	J. F. Weber, premium and sales J.....	6 97
1060.	Grant Winner, sales J.....	4 00
1061.	W. W. Wilson, sales J.....	6 80
1062.	T. J. Warner, premium and sales J.....	9 05
1063.	Wm. E. Wright, premium and sales J.....	4 90
1064.	Fred Wuetrich, sales J.....	4 00
1065.	G. H. Webber, sales J.....	5 85
1066.	Jos. W. Webber, sales J.....	6 20
1067.	John Wunsch, premium and sales J.....	4 92
1068.	John Wuethrich, sales J.....	4 00
1069.	E. H. Weber, sales J.....	3 80
1070.	F. W. Zastrow, premium and sales J.....	20 62
1071.	A. W. Zimmerman, premium and sales J.....	12 67
1072.	Ferry & Clas, payment on architect's fees.....	800 00
1073.	D. B. Danielson, payment on judging pavillion.....	4,500 00
1074.	H. G. Potter, extra work and material	361 45
1075.	D. B. Danielson, septic tank and extras.....	349 19
1076.	W. H. J. Kieckhefer, superintendent special attrac- tions	25 00
1077.	D. B. Danielson, moving buildings.....	216 31
1078.	Radcliffe & Porter Mfg. Co., mdse.....	5 00
1079.	B. J. Ruddle, expenses and services as press agent..	242 90
1080.	Alice I. Clapp, premium H and M.....	32 00
1081.	Ray Biggs, premium A.....	25 00
1082.	Mrs. G. Hyland, premium H.....	75
1083.	John T. Unertl, premium A.....	25 00
1084.	S. V. Davidor, premium A.....	15 00
1085.	John M. True, expenses trip to Beaver Dam.....	6 29
1086.	Ray Biggs, balance premium A.....	23 00
1087.	S. V. Davidor, balance premium A.....	15 00
1088.	John T. Unertl, balance premium A.....	15 00
1089.	Geo. E. Reynolds, balance premium G.....	2 00
1090.	Albert Brinkman, sales J.....	1 20
1091.	O'Neill Oil & Paint Co., mdse.....	8 02

No.	To whom and for what.	Amount.
1092.	Holcomb Bros., mdse.....	13 30
1093.	J. L. Herbst, expenses.....	15 28
1094.	H. Anderson, sales J.....	4 99
1095.	Fred L. Bartell, sales J.....	6 58
1096.	Aug. Brandt, premium and sales J.....	18 52
1097.	Emil A. Bartell, sales J.....	8 49
1098.	J. F. Bachman, premium and sales J.....	13 45
1099.	Jacob Baehler, premium and sales J.....	8 20
1100.	C. F. Brinkman, premium and sales J.....	14 08
1101.	H. E. Bauman, premium and sales J.....	10 01
1102.	R. Conrad, premium and sales J.....	33 85
1103.	Will Clark, premium and sales J.....	22 33
1104.	Void.	
1105.	S. D. Cannon, premium and sales J.....	14 19
1106.	P. E. Cranston, sales J.....	6 90
1107.	Samuel Erb, premium and sales J.....	22 45
1108.	Henry Elmer, premium and sales J.....	20 97
1109.	H. Fassbender, premium and sales J.....	20 79
1110.	Void.	
1111.	Emil Falk, premium J.....	11 52
1112.	D. Falk, premium and sales J.....	12 51
1113.	John Glanzman, premium and sales J.....	35 58
1114.	R. F. Gronert, sales J.....	2 10
1115.	Gentilly Dairy Assoc., premium and sales J.....	19 12
1116.	Mrs. G. Halladay, premium and sales J.....	10 18
1117.	Mell Hill, sales J.....	4 25
1118.	Emil B. Hosig, sales J.....	5 84
1119.	Iron River Creamery Co., sales J.....	7 43
1120.	Void.	
1121.	J. C. Jacquot, premium and sales J.....	14 35
1122.	L. H. Jewett, premium and sales J.....	16 11
1123.	Otto A. Kielsmeier, premium and sales in J.....	27 61
1124.	A. H. Knoke, premium and sales J.....	9 30
1125.	Jos. Knickerbocker, sales J.....	2 12
1126.	Frank Kleiner, premium and sales J.....	20 36
1127.	J. G. Kennedy, premium and sales J.....	9 02
1128.	C. F. Krueger, premium and sales J.....	17 66
1129.	Herbert Kalk, sales J.....	4 99
1130.	Fred Lepley, premium and sales J.....	16 32
1131.	Karlen & Son, premium and sales J.....	28 62
1132.	Wallace Madding, premium and sales J.....	18 84
1133.	C. Mickle, sales J.....	7 43

1134.	A. W. Parkin, premium and sales J.....	15 55
1135.	Fred Plinke, sales J.....	2 97
1136.	N. E. Possley, premium J.....	9 72
1137.	J. Rothenbach, Jr., premium and sales J.....	11 19
1138.	A. J. Roycroft, premium and sales J.....	15 99
1139.	E. F. Roloff, premium and sales J.....	11 34
1140.	A. R. Radtke, premium and sales J.....	9 00
1141.	Stuffacher & Roth, premium and sales J.....	79 31
1142.	E. O. Sigglekow, sales J.....	5 31
1143.	J. A. Scharfer, sales J.....	6 90
1144.	Fred C. Stecker, sales J.....	6 69
1145.	Herman Schoeppler, premium and sales J.....	23 71
1146.	Jacob Stocker, sales J.....	2 12
1147.	Jacob Specht, sales J.....	4 35
1148.	B. S. Van Name, sales J.....	6 90
1149.	John Vogt, premium and sales J.....	82 36
1150.	G. J. Vogel, premium and sales J.....	27 05
1151.	G. J. Vogt, premium and sales J.....	41 62
1152.	W. S. Walsh, premium and sales J.....	15 37
1153.	Ed Wunsch, premium and sales J.....	41 44
1154.	W. N. Waddell, premium and sales J.....	15 44
1155.	Frank H. Wisner, premium and sales J.....	10 33
1156.	August F. Westphal, premium J.....	17 43
1157.	Ed Lutzen, labor.....	49 22
1158.	Wisconsin Wood Work Co., mdse.....	54 40
1159.	Bert Sigrist, labor.....	16 00
1160.	Mrs. Bert Sigrist, chamberwork.....	13 10
1161.	G. Schanning, labor.....	16 00
1162.	C. W. Harvey, salary supt. of grounds.....	75 00
1163.	E. A. Hartman, extra advertising.....	89 10
1164.	Western Union Telegraph Co., messages.....	2 37
1165.	Wisconsin Telephone Co., messages.....	95
1166.	John Schroeder Lumber Co., mdse.....	60 04
1167.	James J. Nelson, expenses.....	11 38
1168.	Schwaab Stamp & Seal Co., rubber stamp.....	37
1169.	A. LeFeber, feed, etc.....	21 44
1170.	Germania Publishing Co., advertising.....	10 00
1171.	The Evening Wisconsin, advertising.....	5 00
1172.	The Democrat Printing Co., subscription.....	1 25
1173.	Postal Telegraph Co., messages.....	90
1174.	John M. True, expenses trip to fair grounds.....	6 06
1175.	D. B. Danielson, third payment on pavilion.....	4000 00
1176.	The Ansell Ticket Co., pike tickets.....	36 25

No.	To whom and for what.	Amount.
1177.	The Columbia Publishing Co., advertising.....	5 00
1178.	The P. V. Duester Co., advertising.....	5 00
1179.	Jacob Stocker, balance sales J.....	2 34
1180.	A. K. Ferris, balance premium F.....	6 00
1181.	Ed Finn, balance premium B.....	10 00
1182.	C. D. Rosa, Gateman's pay.....	12 50
1183.	U. S. Baer, assistant department J.....	18 50
1184.	Laura J Lapham, premium L.....	7 00
1185.	Mrs. B. B. Dennison, premium L.....	19 00
1186.	Mrs. White, wages of Thos Mashie.....	15 00
1187.	T. W. Kinser, speed winnings.....	250 00
1188.	Void	
1189.	Grant U. Fisher, expenses.....	30 07
1190.	Geo. Webber, boarding horses.....	25 00
1191.	Geo. McKerrow, expenses.....	8 30
1192.	Wallace Madding, premium and sales J.....	20 26
1193.	W. J. Kelly, overpaid entry fee.....	2 00
1194.	Evening Telegram, advertising.....	10 00
1195.	The Journal Co., advertising.....	24 00
1196.	August F. Westphal, sales J.....	8 45
1197.	George Raab, judge department L.....	25 00
1198.	Mrs. Jenny C. Lloyd, judge department L.....	10 00
1199.	A. LeFeber, oats.....	18 00
1200.	R. F. Gronert, sales J.....	2 00
1201.	John M. True, expenses True and Kirchoffer trlp to Milwaukee	8 08
1202.	G. P. Sauer, premium and sales J.....	10 80
1203.	Mrs. L. M. Buell, premium L.....	30 00
1204.	Rlppley Hardware Co., mdse.....	14 25
1205.	Chas. G. Hacker, posting advertisements.....	2 00
1206.	C. G. Wilcox, expenses.....	50 70
1207.	Frank Conrad, music Ft. Atkinson Band.....	90 00
1208.	A. LeFeber, balance feed, fair.....	120 87
1209.	C. H. Everett, expenses.....	3 65
1210.	Geo. G. Cox, expenses.....	26 25
1211.	Mrs. Jenny C. Lloyd, account services judge in art...	10 00
1212.	W. S. Dixon, judging sheep.....	15 00
1213.	Smith & Blodgett Co., mdse.....	217 82
1214.	A. Gilmore, blacksmithing.....	27 72
1215.	O. F. Nobles, work.....	8 96
1216.	Gimbel Bros., chairs.....	9 00
1217.	P. S. Wiswell, work.....	8 00

No.	To whom and for what.	Amount.
1218.	Mrs. Clara Bradley, balance premium L.....	3 00
1219.	John M. True, salary and expenses October.....	150 00
1220.	B. L. Wentworth, salary October.....	50 00
1221.	Robert Phillip, wages October.....	50 00
1222.	Gazette Printing Co., advertising.....	10 00
1223.	C. G. Wilcox, paid for wheel scrapers.....	60 00
1224.	West Allis Lumber Co., mdse.....	346 24
1225.	Chas. Liebenthal, blacksmithing.....	23 70
1226.	Bert Sigrist, labor.....	13 00
1227.	S. B. Cook, sales J.....	4 00
1228.	W. A. Voigt, sales J.....	4 00
1229.	George Wylie, expenses.....	21 66
1230.	Ed. Reick, labor.....	7 00
1231.	P. A. Peterson, labor.....	6 40
1232.	C. W. Harvey, expenses.....	11 75
1233.	Henry Schmidt, wheel for road machine.....	10 00
1234.	W. H. Smollinger, Sec. Great Western Circuit, advertising.....	50 00
1235.	A. LeFeber, mdse.....	22 25
1236.	L. E. Brown, overpaid withdrawal.....	25 00
1237.	Wauwatosa News, advertising.....	5 00
1238.	Bert Sigrist, labor.....	24 60
1239.	John Streuli, labor.....	22 75
1240.	Albert Lutzen, labor.....	19 80
1241.	W. A. Mack, labor.....	4 55
1242..	Geo. G. Cox, services superintendent of grounds.....	50 00
1243.	John M. True, expenses trip to Milwaukee.....	6 76
1244.	P. S. Wiswell, carting ice-box.....	2 50
1245.	D. B. Danielson, 4th payment on live stock pavilion..	15,000 00
1246.	C. G. Wilcox, paid for medals.....	35 00
1247.	Parke-Davis Co., Kreso.....	8 50
1248.	Samuel J. Merz, on building contract.....	666 30
1249.	John M. True, salary and expense allowance, November	150 00
1250.	B. L. Wentworth, salary, November.....	50 00
1251.	Robert Phillip, wages, November.....	50 00
1252.	Wisconsin Wood Work Co., labor.....	196 98
1253.	The Gould Co., examining pump at grounds.....	28 50
1254.	Albert Sigrist, labor.....	36 00
1255.	John Streuli, labor.....	31 55
1256.	Ed Lutzen, team work.....	57 15
1257.	Herman Jaeger, labor.....	12 60
1258.	Chas. Fleming, labor.....	12 60

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No.	To whom and for what.	Amount.
1259.	Geo. G. Cox, salary superintendent of grounds.....	50 00
1260.	E. Zeman, sales J.....	50
1261.	Geo. G. Cox, salary superintendent of grounds.....	50 00
1262.	Geo. G. Cox, expenses, freight, etc.....	23 85
1263.	Bert Sigrist, labor.....	6 00
1264.	John Streuli, labor.....	3 85
1265.	A. Gilmore, repairs.....	5 00
1266.	O. R. Tower, mdse.....	2 75
1267.	Smith-Blodgett Co., mdse.....	22 62
1268.	W. G. Kirchoffer, services and expenses as engineer.	106 38
1269.	Democrat Printing Co., subscription.....	1 25
1270.	J. H. Gevaart, mdse.....	6 72
1271.	Geo. A. Schneider, daily papers.....	12 00
1272.	A. LeFeber, feed.....	29 95
1273.	John Barnekow, team work.....	2 00
1274.	John M. True, salary and expenses allowance Dec.....	150 00
1275.	B. L. Wentworth, salary December.....	50 00
1276.	Robert Phillip, wages December.....	50 00
1277.	C. W. Harvey, expenses Chicago Convention.....	10 75
1278.	D. B. Danielson, 5th payment on judging pavilion.....	3500 00
1279.	J. W. Mitchell, bridge on fair grounds.....	860 00
1280.	W. T. Carson, barn on fair grounds.....	400 00
1281.	Louis Falk, sales J.....	4 58
1282.	George Wylie, expenses board.....	4 91
1283.	George Wylie, expenses Chicago.....	9 55
1284.	A. LeFeber, feed.....	27 90
1285.	Milwaukee City Treasury, damage on sprinkler.....	5 10
1286.	Grant U. Fisher, expenses Chicago.....	12 61
1287.	Gustav Buss, hay.....	24 88
1288.	John M. True, salary January.....	150 00
1289.	B. L. Wentworth, salary January.....	50 00
1290.	Robert Phillip, wages January.....	35 00
1291.	Gazette Printing Co., advertising.....	10 00
1292.	David Wedgwood, making report.....	5 00
1293.	A. LeFeber, grain.....	9 00
1294.	Geo. G. Cox, expenses Chicago and board meeting....	56 60
1295.	A. J. Lovejoy, convention expenses.....	10 00
1296.	W. T. Potts, convention expenses.....	25 00
1297.	C. D. Rosa, convention expenses.....	3 00
1298.	J. L. Herbst, expenses.....	14 35
1299.	Void	
1300.	Void	

No.	To whom and for what.	Amount.
1301.	C. P. Goodrich, convention expenses.....	2 30
1302.	Geo. McKerrow, expenses.....	7 84
1303.	Thomas Convey, convention expenses.....	3 00
1304.	Geo. G. Cox, expenses.....	16 85
1305.	N. E. Possley, sales J.....	4 25
1306.	James J. Nelson, expenses.....	23 09
1307.	J. A. Decker, convention expenses.....	5 00
1308.	G. U. Fisher, expenses.....	6 38
1309.	C. L. Hill, convention expenses.....	7 35
1310.	Robert Phillip, wages, February.....	45 00
1311.	C. G. Wilcox, expenses.....	54 65
1312.	B. L. Wentworth, salary, February.....	50 00
1313.	John M. True, salary, February.....	150 00

FINANCIAL REPORTS.

SECRETARY'S REPORT.

The secretary begs leave to report the following receipts for the fiscal year ending March 6th, 1906:

Received from gates	\$ 46,905 47
Received from speed.....	18,417 00
Received from privileges	6,373 57
Received from state aid.....	17,354 50
Received special appropriation.....	58,457 03
Received from all other sources.....	6,906 48

Total	\$154,414 05
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He has drawn orders on the treasury
 from No1 to No. 1313, amounting to \$121,152 85
 Leaving a credit balance of..... 33,261 20

JOHN M. TRUE,
Secretary.

TREASURER'S REPORT.

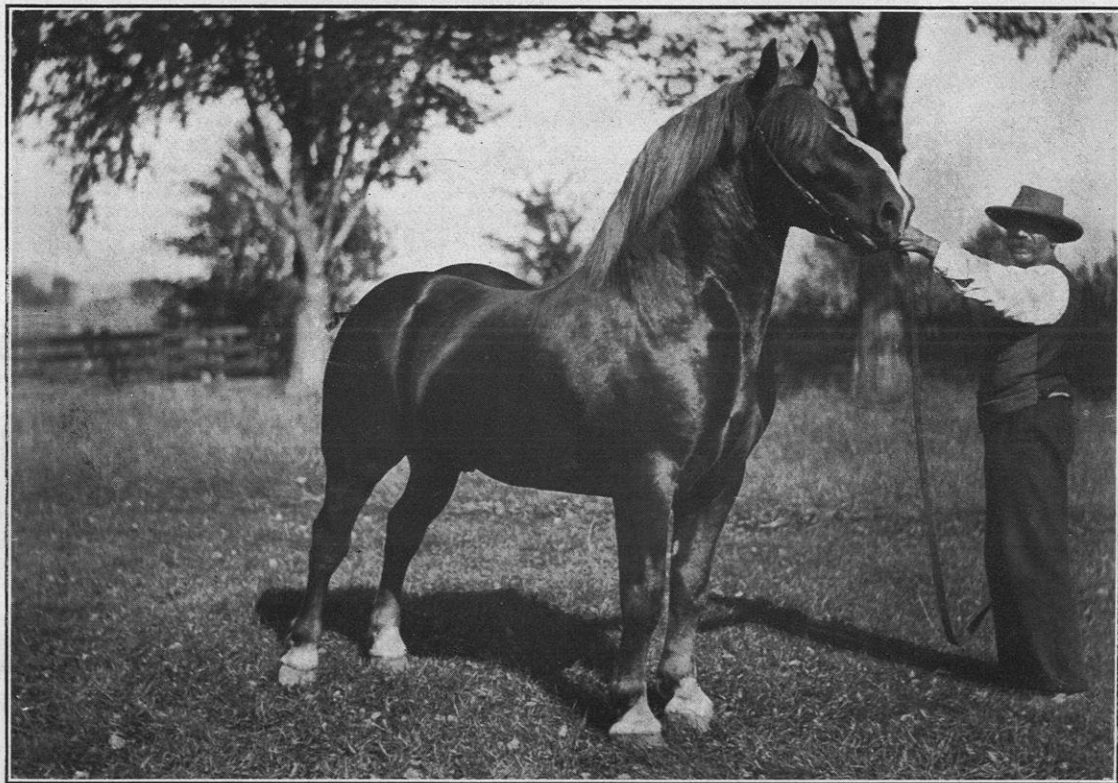
Amount in treasury March 6th, 1905.....	\$ 13,537 36
Receipts from March 6th, 1905, to March 6th, 1906	154,414 05

Total	\$167,951 41
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Disbursements from March 6th, 1905, to March 6th, 1906	\$121,383 30
Balance on hand March 6th, 1906.....	\$ 46,568 11

JOHN J. KEMPF,
State Treasurer.





MEDARD,-BELGIAN STALLION. IMPORTED BY H. A. BRIGGS, ELKHORN, WIS.

AWARD OF PREMIUMS AT STATE FAIR, 1905

HORSES.

Judges.

W. A. Dobson, Marion, Iowa.

W. E. Pritchard, Ottawa, Ill.

PERCHERON AND FRENCH DRAFT—OPEN CLASS.

Stallion, 4 years or over.

1st Prem. G. N. Mihills, Fond du Lac, Wis.

2nd Prem. G. N. Mihills.

3rd Prem. Ethelwold Farms, Mondovi, Wis.

Stallion, 3 years and under 4.

1st Prem. Ethelwold Farms.

2nd Prem. H. A. Briggs, Elkhorn, Wis.

3rd Prem. James G. Boyd, Milwaukee Wis.

Stallion, 2 years and under 3.

1st Prem. James G. Boyd.

2nd Prem. H. A. Briggs.

3rd Prem. Finch Bros, Joliet, Ill.

Stallion, 1 year and under 2.

1st Prem. Lewis Lewellin & Sons, Waterloo, Wis.

Mare, 4 years or over and foal at foot.

1st Prem. Lewis Lewellin & Sons.

2nd Prem. Ethelwold Farms.

3rd Prem. Lewis Lewellin & Sons.

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Mare, 4 years or over.

1st Prem.	G. N. Mihills.
2nd Prem.	Ethelwold Farms.
3rd Prem.	G. N. Mihills.

Mare, 3 years and under 4.

1st Prem.	.....	Ethelwold Farms.
2nd Prem.	G. N. Mihills.
3rd Prem.	G. N. Mihills.

Mare, 2 years and under 3.

1st Prem.	G. N. Mihills.
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Mare, 1 year and under 2.

1st Prem.	Lewis Lewellin & Sons.
2nd Prem.	Ethelwold Farms.
3rd Prem.	.....	Ethelwold Farms.

Stallion or filly foal.

1st Prem.	.....	Lewis Lewellin & Sons.
2nd Prem.	.....	Lewis Lewellin & Sons.
3rd Prem.	.....	Ethelwold Farms.

Get of sire.

1st Prem.	.....	Finch Bros.
2nd Prem.	.....	Ethelwold Farms.

Produce of dam.

1st Prem.	.....	Lewis Lewellin & Sons.
2nd Prem.	.....	Ethelwold Farms.

 PERCHERON AND FRENCH DRAFT.

Horses bred and owned in Wisconsin.

Stallion, 4 years or over.

1st Prem.	.....	G. N. Mihills.
2nd Prem.	.....	G. N. Mihills.
3rd Prem.	.....	Ethelwold Farms.

Stallion, 3 years and under 4.

1st Premf.....Lewis Lewellin & Sons.

Stallion, 2 years and under 3.

1st Prem.....James G. Boyd.

2nd Prem.....G. N. Mihills.

3rd Prem.....G. N. Mihills.

Stallion, 1 year and under 2.

1st Prem.....Lewis Lewellin & Sons.

Mare, 4 years or over and foal at foot.

1st Prem.....Lewis Lewellin & Sons.

2nd Prem.....Ethelwold Farms.

3rd Prem.....S. L. Mann, Waukesha, Wis.

Mare, 4 years or over.

1st Prem.....G. N. Mihills.

2nd Prem.....Ethelwold Farms.

3rd Prem.....G. N. Mihills.

Mare, 3 years and under 4.

1st Prem.....Ethelwold Farms.

2nd Prem.....G. N. Mihills.

3rd Prem.....G. N. Mihills.

Mare, 2 years and under 3.

1st Prem.....G. N. Mihills.

Mare, 1 year and under 2.

1st Prem.....Lewis Lewellin & Sons.

2nd Prem.....Ethelwold Farms.

3rd Prem.....Ethelwold Farms.

Stallion or filly foal.

1st Prem.....Lewis Lewellin & Sons.

2nd Prem.....Lewis Lewellin & Sons.

3rd Prem.....S. L. Mann.

Get of sire.

1st Prem.....Ethelwold Farms.

2nd Prem.....G. N. Mihills.

Produce of dam.

1st Prem.....	Lewis Lewellin* & Sons.
2nd Prem.....	Ethelwold Farms.

Sweepstakes in Percheron and French draft.

Best stallion any age.....	Ethelwold Farms.
Best mare any age.....	G. N. Mihills.

 CLYDESDALE.

Open Class.

Stallion, 4 years or over.

1st Prem.....	Ethelwold Farms.
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Stallion, 3 years and under 4.

1st Prem.....	McLay Bros., Janesville, Wis.
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Stallion, 2 years and under 3.

1st Prem.....	McLay Bros.
2nd Prem.....	McLay Bros.
3rd Prem.....	Ethelwold Farms.

Stallion, 1 year and under 2.

1st Prem.....	Ethelwold Farms.
2nd Prem.....	McLay Bros.
3rd Prem.....	McLay Bros.

Mare, 4 years or over and foal at foot.

1st Prem.....	Ethelwold Farms.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	McLay Bros.

Mare, 4 years or over.

1st Prem.....	McLay Bros.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	McLay Bros.

Mare, 2 years and under 3.

1st Prem.....	McLay Bros.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	Ethelwold Farms.

Mare, 1 year and under 2.

1st Prem.....	McLay Bros.
2nd Prem.....	McLay Bros.

Stallion or filly foal.

1st Prem.....	Ethelwold Farms.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	McLay Bros.

Get of sire.

1st Prem.....	McLay Bros.
2nd Prem.....	Ethelwold Farms.

Produce of dam.

1st Prem.....	Ethelwold Farms.
2nd Prem.....	McLay Bros.

CLYDESDALE.

Horses bred and owned in Wisconsin.

Stallion, 2 years and under 3.

1st Prem.....	McLay Bros.
2nd Prem.....	McLay Bros.
3rd Prem.....	Ethelwold Farms.

Stallion, 1 year and under 2.

1st Prem.....	Ethelwold Farms.
2nd Prem.....	McLay Bros.
3rd Prem.....	McLay Bros.

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Mare, 4 years and over and foal at foot.

1st Prem.....	Ethelwold Farms.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	McLay Bros.

Mare, 4 years or over.

1st Prem.....	McLay Bros.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	McLay Bros.

Mare, 2 years and under 3.

1st Prem.....	McLay Bros.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	Ethelwold Farms.

Mare, 1 year and under 2.

1st Prem.....	McLay Bros.
2nd Prem.....	McLay Bros.

Stallion or filly foal.

1st Prem.....	Ethelwold Farms.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	McLay Bros.

Get of sire.

1st Prem.....	McLay Bros.
2nd Prem.....	Ethelwold Farms.

Produce of dam.

1st Prem.....	Ethelwold Farms.
2nd Prem.....	McLay Bros.

Sweepstakes in Clydesdales.

Best stallion any age.....	Ethelwold Farms.
Best mare any age.....	McLay Bros.

ENGLISH SHIRE.

Stallion, 4 years or over.

1st Prem.....Finch Bros.

Stallion, 1 year and under 2.

1st Prem.....Finch Bros.

2nd Prem.....Finch Bros.

Mare, 4 years or over.

1st Prem.....Finch Bros.

Mare, 3 years and under 4.

1st Prem.....Finch Bros.

Mare, 2 years and under 3.

1st Prem.....Finch Bros

Mare, 1 year and under 2.

1st Prem.....Finch Bros.

Get of sire.

1st Prem.....Finch Bros.

Produce of dam.

1st Prem.....Finch Bros.

Sweepstakes.

Best stallion any age.....Finch Bros.

Best mare any age.....Finch Bros.

BELGIAN AND OTHER REGISTERED DRAFT BREEDS.

Stallion, 4 years or over.

1st Prem.....H. A. Briggs.

2nd Prem.....Finch Bros.

3rd Prem.....Prosper Van Noyen, Oconomowoc, Wis.

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Stallion, 3 years and under 4.

1st Prem.....	H. A. Briggs.
2nd Prem.....	H. A. Briggs.
3rd Prem.....	Prosper Van Noyen.

Stallion, 2 years and under 3.

1st Prem.....	H. A. Briggs.
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Sweepstakes.

Best stallion any age.....	H. A. Briggs.
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AMERICAN, ENGLISH, GERMAN AND FRENCH COACH HORSES.

Stallion, 4 years or over.

1st Prem.....	Finch Bros.
2nd Prem.....	August Uihlein, Milwaukee, Wis.
3rd Prem.....	F. H. Matthes, Hustisford, Wis.

Stallion, 3 years and under 4.

1st Prem.....	August Uihlein.
2nd Prem.....	J. R. Peak & Son, Winchester, Ill.

Stallion, 2 years and under 3.

1st Prem.....	J. R. Peak & Son.
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Stallion, 1 year and under 2.

1st Prem.....	J. R. Peak & Son.
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Mare, 4 years or over.

1st Prem.....	J. R. Peak & Son.
2nd Prem.....	J. R. Peak & Son.

Mare, 3 years and under 4.

1st Prem.....	J. R. Peak & Son.
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Mare, 2 years and under 3.

1st Prem.....	J. R. Peak & Son.
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Mare, 1 year and under 2.

1st Prem.....J. R. Peak & Son.

Get of sire.

1st Prem.....J. R. Peak & Son.

Produce of dam.

1st Prem.....J. R. Peak & Son.

Sweepstakes.

Best stallion any age.....Finch Bros.

Best mare any age.....J. R. Peak and Son.

STANDARD BRED AND REGISTERED TROTTING HORSES.

Stallion, 4 years or over.

1st Prem.....August Uihlein.

2nd Prem.....J. R. Peak & Son.

3rd Prem.....Progress Blue Ribbon Stud, Mil. Wis.

Stallion, 3 years and under 4.

1st Prem.....Alfred von Cotzhausen, Milwaukee, Wis.

2nd Prem.....August Uihlein.

3rd Prem.....J. R. Peak & Son.

Stallion, 2 years and under 3.

1st Prem.....Progress Blue Ribbon Stud.

2nd Prem.....Progress Blue Ribbon Stud.

3rd Prem.....R. S. Witte, Waukesha, Wis.

Stallion, 1 year and under 2.

1st Prem.....J. R. Peak & Son.

2nd Prem.....Alfred von Cotzhausen.

3rd Prem.....August Uihlein.

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Mare, 4 years or over and foal at foot.

1st Prem.....	August Uihlein.
2nd Prem.....	D. W. Powell, Waukesha, Wis.
3rd Prem.....	Alfred von Cotzhausen.

Mare, 4 years or over.

1st Prem.....	J. R. Peak & Son.
2nd Prem.....	Progress Blue Ribbon Stud.
3rd Prem.....	August Uihlein.

Mare, 3 years and under 4.

1st Prem.....	Progress Blue Ribbon Stud.
2nd Prem.....	J. R. Peak & Son.
3rd Prem.....	Alfred von Cotzhausen.

Mare, 2 years and under 3.

1st Prem.....	J. R. Peak & Son.
2nd Prem.....	August Uihlein.
3rd Prem.....	August Uihlein.

Mare, 1 year and under 2.

1st Prem.....	August Uihlein.
2nd Prem.....	J. R. Peak & Son.

Stallion or filly foal.

1st Prem.....	Alfred von Cotzhausen.
2nd Prem.....	August Uihlein.
3rd Prem.....	D. W. Powell.

Get of sire.

1st Prem.....	J. R. Peak & Son.
2nd Prem.....	August Uihlein.

Produce of dam.

1st Prem.....	Progress Blue Ribbon Stud.
2nd Prem.....	August Uihlein.

Sweepstakes.

Best stallion any age.....	Alfred von Cotzhausen.
Best mare any age.....	August Uihlein.

GAITED SADDLE HORSES.

Best saddle horse over 15½ hands.

- 1st Prem.....Progress Blue Ribbon Stud.
- 2nd Prem.....H. T. Graber, Mineral Point, Wis.
- 3rd Prem.....Ray Biggs, Waukesha, Wis.

Best saddle horse over 14½ and under 15½h.

- 1st Prem.....Dr. J. T. Unertl, Milwaukee, Wis.
- 2nd Prem.....S. V. Davidor, Milwaukee, Wis.

Best saddle pony under 14½ hands.

- 1st Prem.....Hans Berg, Milwaukee, Wis.
- 2nd Prem.....Hans Berg
- 3rd Prem.....R. S. Witte.

Best saddle hores 14½ hands or over ridden by lady.

(Awards protested.)

- 1st Prem.....Dr. J. T. Unertl.
- 2nd Prem.....S. V. Davidor.
- 3rd Prem.....Ray Biggs.

HARNESS HORSE—MARE OR GELDING.

Best pair 15¾ hands or over.

- 1st Prem.....J. R. Peak & Son.
- 2nd Prem.....Goldenstein Bros., Onarga, Ill.
- 3rd Prem.....J. R. Peak & Son.

Best pair 15 hands and under 15¾ hands.

- 1st Prem.....J. R. Peak & Son.
- 2nd Prem.....Alfred von Cotzhausen.
- 3rd Prem.....Ray Biggs.

Best single animal 15¾ hands or over.

- 1st Prem.....J. R. Peak & Son.
- 2nd Prem.....Goldenstein Bros.
- 3rd Prem.....Ray Biggs.

Best single animal 15 hands and under 15¼ h.

1st Prem.....	J. R. Peak & Son.
2nd Prem.....	Progress Blue Ribbon Stud.
3rd Prem.....	S. V. Davidor.

SHETLAND PONIES.

Stallion, 3 years or over.

1st Prem.....	August Uihlein.
2nd Prem.....	August Uihlein.
3rd Prem.....	Adam Seitz, Waukesha, Wis.

Stallion, 2 years or over.

1st Prem.....	J. R. Peak & Son.
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Mare, 3 years or over.

1st Prem.....	Adam Seitz.
2nd Prem.....	Adam Seitz.
3rd Prem.....	Adam Seitz.

Mare and foal.

1st Prem.....	Adam Seitz.
2nd Prem.....	Adam Seitz.
3rd Prem.....	Adam Seitz.

Herd of ponies.

1st Prem.....	Adam Seitz.
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Matched driving team.

1st Prem.....	August Uihlein.
2nd Prem.....	Adam Seitz.

FARMERS' CLASSES.

GRADE DRAFT.

Brood mare with foal at side.

- 1st Prem.....John H. Williams, Waukesha, Wis.
- 2nd Prem.....Sleep Bros., Waukesha, Wis.
- 3rd Prem.....Sleep Bros.

Mare or gelding 3 years or over.

- 1st Prem.....Sleep Bros.
- 2nd Prem.....Geo. McKerrow & Sons, Pewaukee, Wis.
- 3rd Prem.....Sleep Bros.

Mare or gelding 2 years or over.

- 1st Prem.....Sleep Bros.
- 2nd Prem.....Sleep Bros.
- 3rd Prem.....Sleep Bros.

Mare or gelding 1 year and under 2.

- 1st Prem.....Sleep Bros.
- 2nd Prem.....Sleep Bros.
- 3rd Prem.....Sleep Bros.

Foal either sex.

- 1st Prem.....Sleep Bros.
- 2nd Prem.....Sleep Bros.
- 3rd Prem.....John H. Williams.

Grade draft team.

- 1st Prem.....Sleep Bros.
- 2nd Prem.....Geo. McKerrow & Sons.

Team of chunks.

- 1st Prem.....Sleep Bros.
- 2nd Prem.....Sleep Bros.
- 3rd Prem.....Sleep Bros.

GRADE COACHERS.

Brood mare with foal at side.

1st Prem.....	Henry Tennesen, Menomonee Falls, Wis.
2nd Prem.....	Sleep Bros.

Mare or gelding 3 years or over.

1st Prem.....	Rowlands Bros., Waukesha, Wis.
2nd Prem.....	Henry Torhorst & Sons, Waukesha, Wis.
3rd Premu.....	John H. Williams.

Mare or gelding 1 year and under 2.

1st Prem.....	Henry Tennesen.
2nd Prem.....	John H. Williams.

Foal either sex.

1st Prem.....	John H. Williams.
2nd Prem.....	Henry Tennesen.
3rd Prem.....	Sleep Bros.

 NON-REGISTERED ROADSTERS.

Brood mare with foal at foot.

1st Prem.....	Fox Bros., Waukesha, Wis.
2nd Prem.....	Fox Bros.

Mare or gelding 3 years or over.

1st Prem.....	Henry T. Graber, Mineral Point, Wis.
2nd Prem.....	R. S. Witte.
3rd Prem.....	Daniel Schley, Waukesha, Wis.

Mare or gelding 2 years and under 3.

1st Prem.....	J. R. Love, Waukesha, Wis.
2nd Prem.....	Fox Bros.

Mare or gelding 1 year and under 2.

1st Prem.....J. R. Love.

Foal either sex.

1st Prem.....Fox Bros.

2nd Prem.....Fox Bros.

Blue Ribbon Prize.....Progress Blue Ribbon Stud.

CATTLE.

Judges.

W. T. Potts, Chicago, Ill.

M. A. Judy, Beecher, Ill.

Prof. Geo. C. Humphrey, Madison, Wis.

W. G. Gillette, Rosendale, Wis.

F. H. Scribner, Rosendale, Wis.

SHORT HORNS—OPEN CLASS.

Bull, 3 years or over.

1st Prem.....F. W. Harding, Waukesha, Wis.

2nd Prem.....Herr Bros. & Reynolds, Lodi, Wis.

3d Prem.....Forest & Dunham, Miles, Ia.

4th Prem.....R. Connor Co., Auburndale, Wis.

5th Prem.....Divan Bros., Browntown, Wis.

Bull, 2 years and under 3

1st Prem.....F. W. Harding.

2nd Prem.....M. A. Wagner, Fremont, Ohio.

3d Prem.....E. D. Jones & Son, Rockland, Wis.

Bull, 1 year and under 2.

1st Prem.....	Herr Bros. & Reynolds.
2nd Prem.....	Divan Bros.
3d Prem.....	F. W. Harding.
4th Prem.....	J. H. Dann, Camanche, Ia.

Senior bull calf.

1st Prem.....	F. W. Harding.
2nd Prem.....	E. D. Jones & Son.
3d Prem.....	R. Connor Co.
4th Prem.....	Herr Bros. & Reynolds.

Junior bull calf

1st Prem.....	F. W. Harding.
2nd Prem.....	Divan Bros.
3d Prem.....	E. D. Jones & Son.

Cow, 3 years or over.

1st Prem.....	F. W. Harding.
2nd Prem.....	M. A. Wagner.
3d Prem.....	Divan Bros.
4th Prem.....	Forest & Dunham.
5th Prem.....	Herr Bros. & Reynolds.
6th Prem.....	Divan Bros.

Heifer, 2 years and under 3.

1st Prem.....	F. W. Harding.
2nd Prem.....	M. A. Wagner.
3d Prem.....	Forest & Dunham.
4th Prem.....	Herr Bros. & Reynolds.
5th Prem.....	Divan Bros.
6th Prem.....	Divan Bros.

Heifer, 1 year and under 2.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3d Prem.....	M. A. Wagner.
4th Prem.....	F. W. Harding.
5th Prem.....	Forest & Dunham.
6th Prem.....	Forest & Dunham.

Senior Heifer Calf.

- 1st Prem.....F. W. Harding.
- 2nd Prem.....M. A. Wagner.
- 3d Prem.....Forest & Dunham.
- 4th Prem.....Herr Bros. & Reynolds.
- 5th Prem.....Divan Bros.
- 6th Prem.....Herr Bros. & Reynolds.

Junior heifer calf.

- 1st Prem.....F. W. Harding.
- 2nd Prem.....M. A. Wagner.
- 3d Prem.....F. W. Harding.
- 4th Prem.....Herr Bros. & Reynolds.
- 5th Prem.....F. W. Harding.
- 6th Prem.....Divan Bros.

Get of sire.

- 1st Prem.....F. W. Harding.
- 2nd Prem.....M. A. Wagner.
- 3d Prem.....Forest & Dunham.
- 4th Prem.....Herr Bros. & Reynolds.
- 5th Prem.....Divan Bros.

Produce of cow.

- 1st Prem.....M. A. Wagner.
- 2nd Prem.....F. W. Harding.
- 3d Prem.....Forest & Dunham.
- 4th Prem.....E. D. Jones & Son.
- 5th Prem.....Divan Bros.

Aged herd.

- 1st Prem.....F. W. Harding.
- 2nd Prem.....M. A. Wagner.
- 3d Prem.....Herr Bros. & Reynolds.
- 4th Prem.....Forest & Dunham.
- 5th Prem.....Divan Bros.

Young herd.

- 1st Prem.....F. W. Harding.
- 2nd Prem.....Herr Bros. & Reynolds.
- 3d Prem.....Divan Bros.
- 4th Prem.....E. D. Jones & Son.

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Calf herd.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.

Champions.

Bull, over 2 years.....	F. W. Harding.
Cow, over 2 years.....	F. W. Harding.
Bull, under 2 years.....	Herr Bros. & Reynolds.
Heifer, under 2 years.....	F. W. Harding.

SHORT HORNS—WISCONSIN CLASS.

Open Only to Cattle Owned in the State of Wisconsin.

Bull, 3 years or over.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3d Prem.....	R. Connor Co.
4th Prem.....	Divan Bros.

Bull, 2 years and under 3.

1st Prem.....	F. W. Harding.
2nd Prem.....	E. D. Jones & Son.

Bull, 1 year and under 2.

1st Prem.....	Herr Bros. & Reynolds.
2nd Prem.....	Divan Bros
3rd Prem.....	F. W. Harding.

Senior bull calf.

1st Prem.....	F. W. Harding.
2nd Prem.....	E. D. Jones & Son.
3d Prem.....	R. Connor Co.
4th Prem.....	Herr Bros. & Reynolds.

Junior bull calf.

1st Prem.....	F. W. Harding.
2nd Prem.....	Divan Bros.
3rd Prem.....	E. D. Jones & Son.

Cow, 3 years or over.

1st Prem.....	F. W. Harding.
2nd Prem.....	Divan Bros.
3rd Prem.....	Herr Bros. & Reynolds
4th Prem.....	Divan Bros.
5th Prem.....	Herr Bros. & Reynolds.
6th Prem.....	F. W. Harding.

Heifer, 2 years and under 3.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3rd Prem.....	Divan Bros.
4th Prem.....	Divan Bros.
5th Prem.....	E. D. Jones & Son.

Heifer 1 year and under 2.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3rd Prem.....	F. W. Harding..
4th Prem.....	Divan Bros.
5th Prem.....	Divan Bros.
6th Prem.....	E. D. Jones & Son.

Senior heifer calf.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3rd Prem.....	Divan Bros.
4th Prem.....	Herr Bros. & Reynolds.

Junior heifer calf.

1st Prem.....	F. W. Harding.
2nd Prem.....	F. W. Harding.
3rd Prem.....	Herr Bros. & Reynolds.
4th Prem.....	F. W. Harding.
5th Prem.....	Divan Bros.
6th Prem.....	E. D. Jones & Son.

Get of sire.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3rd Prem.....	Divan Bros.
4th Prem.....	E. D. Jones & Son.
5th Prem.....	William Smiley, Albany, Wis.

Produce of cow.

1st Prem.....	F. W. Harding.
2nd Prem.....	E. D. Jones & Son.
3rd Prem.....	Divan Bros.
4th Prem.....	Herr Bros. & Reynolds.

Aged herd.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3rd Prem.....	Divan Bros.
4th Prem.....	E. D. Jones & Son.
5th Prem.....	William Smiley.

Young herd.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3rd Prem.....	Divan Bros.
4th Prem.....	E. D. Jones & Son.

Calf herd.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.

Champions.

Bull over 2 years.....	F. W. Harding.
Cow over 2 years.....	F. W. Harding.
Bull under 2 years.....	Herr Bros. & Reynolds.
Heifer under 2 years.....	F. W. Harding.

ABERDEEN-ANGUS.

Bull 2 years and under 3.

1st Prem.....Ethelwold Farms, Mondovi, Wis.

Bull under 1 year.

1st Prem.....Ethelwold Farms.
2nd Prem.....Ethelwold Farms.

Cow 3 years or over.

1st Prem.....Ethelwold Farms.
2nd Prem.....Ethelwold Farms.

Heifer 2 years and under 3.

1st Prem.....Ethelwold Farms.

Heifer 1 year and under 2.

1st Prem.....Ethelwold Farms.

Heifer under 1 year.

1st Prem.....Ethelwold Farms.

Produce of cow.

1st Prem.....Ethelwold Farms.

Champions.

Bull over 2 years.....Ethelwold Farms.
Cow over 2 years.....Ethelwold Farms.
Bull under 2 years.....Ethelwold Farms.
Heifer under 2 years.....Ethelwold Farms.

SPECIAL PRIZES.

Bull, 2 years and under 3.

1st Prem.....Ethelwold Farms.

Bull, under 1 year.

1st Prem.....Ethelwold Farms.
2nd Prem.....Ethelwold Farms.

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Cow 3 years or over.

1st Prem.....	Ethelwold Farms.
2nd Prem.....	Ethelwold Farms.

Heifer, 2 years and under 3.

1st Prem.....	Ethelwold Farms.
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Heifer, 1 year and under 2.

1st Prem.....	Ethelwold Farms.
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POLLED DURHAM.

Bull, 3 years or over.

1st Prem.....	William Smiley.
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Bull, 1 year and under 2.

1st Prem.....	William Smiley.
2nd Prem.....	William Smiley.

Bull, under 1 year.

1st Prem.....	William Smiley.
2nd Prem.....	William Smiley.

Cow, 3 years or over.

1st Prem.....	William Smiley.
2nd Prem.....	William Smiley.
3rd Prem.....	William Smiley.

Heifer, 2 years and under 3.

1st Prem.....	William Smiley.
2nd Prem.....	William Smiley.

Heifer, 1 year and under 2.

1st Prem.....	William Smiley.
2nd Prem.....	William Smiley.

Heifer, under 1 year.

1st Prem.....	William Smiley.
2nd Prem.....	William Smiley.

HEREFORD.

Bull, 3 years or over.

1st Prem.....John C. Robinson & Son, Evansville, Wis.

Bull, 2 years and under 3.

1st Prem.....John C. Robinson & Son.

Bull, 1 year and under 2.

1st Prem.....John C. Robinson & Son.

Bull, under 1 year.

1st Prem.....John C. Robinson & Son.

Cow, 3 years or over.

1st Prem.....John C. Robinson & Son.

Heifer, 2 years and under 3.

1st Prem.....John C. Robinson & Son.

Heifer, 1 year and under 2.

1st Prem.....John C. Robinson & Son.

2nd Prem.....John C. Robinson & Son.

Heifer, under 1 year.

1st Prem.....John C. Robinson & Son.

2nd Prem.....John C. Robinson & Son.

Get of sire.

1st Prem.....John C. Robinson & Son.

Produce of cow.

1st Prem.....John C. Robinson & Son.

Champions.

Bull over 2 years.....John C. Robinson & Son.

Cow over 2 years.....John C. Robinson & Son.

Bull under 2 years.....John C. Robinson & Son.

Heifer under 2 years.....John C. Robinson & Son.

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RED POLLED.

Bull, 3 years or over.

1st Prem.....	George Carpenter, Baraboo, Wis.
2nd Prem.....	J. Slimmer, Wausau, Wis.

Bull, 2 years and under 3.

1st Prem.....	A. N. Doppke, North Milwaukee, Wis.
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Bull, 1 year and under 2.

1st Prem.....	J. Slimmer.
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Bull, under 1 year.

1st Prem.....	J. Slimmer.
2nd Prem.....	George Carpenter.

Cow, 3 years or over.

1st Prem.....	J. Slimmer.
2nd Prem.....	George Carpenter.
3rd Prem.....	J. Slimmer.

Heifer, 2 years and under 3.

1st Prem.....	J. Slimmer.
2nd Prem.....	George Carpenter.
3rd Prem.....	J. Slimmer.

Heifer, 1 year and under 2.

1st Prem.....	George Carpenter.
2nd Prem.....	J. Slimmer.
3rd Prem.....	J. Slimmer.

Heifer, under 1 year.

1st Prem.....	J. Slimmer.
2nd Prem.....	J. Slimmer.
3rd Prem.....	J. Slimmer.

Get of sire.

1st Prem.....	J. Slimmer.
2nd Prem.....	J. Slimmer.

Produce of cow.

1st Prem.....J. Slimmer.
 2nd Prem.....George Carpenter.

Champions.

Bull over 2 years.....George Carpenter.
 Cow over 2 years.....J. Slimmer.
 Bull under 2 years.....J. Slimmer.
 Heifer under 2 years.....George Carpenter.

BROWN SWISS.

Bull, 3 years or over.

1st Prem.....E. M. Barton, Hinsdale, Ill.
 2nd Prem.....E. M. Barton.
 3rd Prem.....H. W. Ayers, Honey Creek, Wis.

Bull, 2 years and under 3.

1st Prem.....E. M. Barton.

Bull, 1 year and under 2.

1st Prem.....E. M. Barton.
 2nd Prem.....H. W. Ayers.
 3rd Prem.....E. M. Barton.

Bull, under 1 year.

1st Prem.....E. M. Barton.
 2nd Prem.....E. M. Barton.
 3rd Prem.....H. W. Ayers.

Cow, 3 years or over.

1st Prem.....E. M. Barton.
 2nd Prem.....E. M. Barton.
 3rd Prem.....E. M. Barton.

Heifer, 2 years and under 3.

1st Prem.....	E. M. Barton.
2nd Prem.....	E. M. Barton.
3rd Prem.....	H. W. Ayers.

Heifer, 1 year and under 2.

1st Prem.....	E. M. Barton.
2nd Prem.....	H. W. Ayers.
3rd Prem.....	E. M. Barton.

Heifer, under 1 year.

1st Prem.....	E. M. Barton.
2nd Prem.....	E. M. Barton.
3rd Prem.....	H. W. Ayers.

Get of sire.

1st Prem.....	E. M. Barton.
2nd Prem.....	H. W. Ayers.

Produce of cow.

1st Prem.....	E. M. Barton.
2nd Prem.....	H. W. Ayers.

Champions.

Bull over 2 years.....	E. M. Barton.
Cow over 2 years.....	E. M. Barton.
Bull under 2 years.....	E. M. Barton.
Heifer under 2 years.....	E. M. Barton.

 HOLSTEIN-FRIESIAN.

Bull, 3 years or over.

1st Prem.....	W. B. Barney & Co., Hampton, Ia.
2nd Prem.....	C. F. Stone, Peabody, Kas.
3rd Prem.....	Wis. Live Stock Assoc., Appleton, Wis.
4th Prem.....	Wm. Everson & Sons, Lake Mills, Wis.
5th Prem.....	Rust Bros., West Allis, Wis.

Bull, 2 years and under 3.

1st Prem.....	Rust Bros.
2nd Prem.....	Wis. Live Stock Assoc.

Bull, 1 year and under 2.

1st Prem.....	Rust Bros.
2nd Prem.....	W. B. Barney & Co.
3rd Prem.....	Reddelein Bros., North Lake Wis.
4th Prem.....	Rust Bros.
5th Prem.....	Wm. Everson & Sons.

Bull, under 1 year.

1st Prem.....	Wis. Live Stock Assoc.
2nd Prem.....	Wis. Live Stock Assoc.
3rd Prem.....	Rust Bros.
4th Prem.....	E. J. Fargo, Lake Mills, Wis.
5th Prem.....	Wm. Everson & Sons.

Cow, 3 years or over.

1st Prem.....	C. F. Stone.
2nd Prem.....	W. B. Barney & Co.
3rd Prem.....	C. F. Stone.
4th Prem.....	E. T. Carroll, Wales, Wis.
5th Prem.....	Rust Bros.

Heifer, 2 years and under 3.

1st Prem.....	E. T. Carroll.
2nd Prem.....	W. B. Barney & Co.
3rd Prem.....	C. F. Stone.
4th Prem.....	Wis. Live Stock Assoc.
5th Prem.....	Rust Bros.

Heifer, 1 year and under 2.

1st Prem.....	Wis. Live Stock Assoc.
2nd Prem.....	Wis. Live Stock Assoc.
3rd Prem.....	W. B. Barney & Co.
4th Prem.....	Rust Bros.
5th Prem.....	C. F. Stone.

Heifer, under 1 year.

1st Prem.....	Wis. Live Stock Assoc.
2nd Prem.....	W. B. Barney & Co.
3rd Prem.....	Wis. Live Stock Assoc.
4th Prem.....	E. T. Carroll.
5th Prem.....	Rust Bros.

Exhibitors' herd.

1st Prem.....	W. B. Barney & Co.
2nd Prem.....	C. F. Stone.
3rd Prem.....	Wis. Live Stock Assoc.
4th Prem.....	Rust Bros.
5th Prem.....	E. T. Carroll.

Breeders' young herd.

1st Prem.....	Wis. Live Stock Assoc.
2nd Prem.....	W. B. Barney & Co.
3rd Prem.....	E. J. Fargo.
4th Prem.....	Rust Bros.
5th Prem.....	Wm. Everson & Sons.

Get of sire.

1st Prem.....	Rust Bros.
2nd Prem.....	Wis. Live Stock Assoc.
3rd Prem.....	Wis. Live Stock Assoc.
4th Prem.....	W. B. Barney & Co.
5th Prem.....	E. J. Fargo.

Produce of cow.

1st Prem.....	Rust Bros.
2nd Prem.....	Wis. Live Stock Assoc.
3rd Prem.....	W. B. Barney & Co.
4th Prem.....	W. B. Barney & Co.
5th Prem.....	C. F. Stone.

Holstein-Friesian Champions.

Bull 2 years or over.....	W. B. Barney & Co.
Bull under 2 years.....	Wis. Live Stock Assoc.
Cow 2 years or over.....	C. F. Stone.
Heifer under 2 years.....	Wis. Live Stock Assoc.

 GUERNSEY.

Bull, 3 years or over.

1st Prem.....	M. D. Cunningham, Kansasville, Wis.
2nd Prem.....	J. G. Hickcox, Milwaukee, Wis.
3rd Prem.....	L. P. Martiny, North Freedom, Wis.

Bull, 2 years or over.

1st Prem.....M. D. Cunningham.

Bull, 1 year and under 2.

1st Prem.....Seymour Bros., Wauwatosa, Wis.
2nd Prem.....J. G. Hickcox.
3rd Prem.....M. D. Cunningham.

Bull, under 1 year.

1st Prem.....M. D. Cunningham.
2nd Prem.....Seymour Bros.
3rd Prem.....M. D. Cunningham.

Cow, 3 years or over.

1st Prem.....M. D. Cunningham.
2nd Prem.....J. G. Hickcox.
3rd Prem.....M. D. Cunningham.

Heifer, 2 years and under 3.

1st Prem.....M. D. Cunningham.
2nd Prem.....M. D. Cunningham.
3rd Prem.....J. G. Hickcox.

Heifer, 1 year and under 2.

1st Prem.....M. D. Cunningham.
2nd Prem.....Seymour Bros.
3rd Prem.....M. D. Cunningham.

Heifer, under 1 year.

1st Prem.....John H. Williams.
2nd Prem.....M. D. Cunningham.
3rd Prem.....M. D. Cunningham.

Get of sire.

1st Prem.....J. G. Hickcox.
2nd Prem.....M. D. Cunningham.

Produce of cow.

1st Prem.....M. D. Cunningham.
2nd Prem.....J. G. Hickcox.

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Champions.

Bull over 2 years.....	M. D. Cunningham.
Cow over 2 years.....	M. D. Cunningham.
Bull under 2 years.....	Seymour Bros.
Cow under 2 years.....	M. D. Cunningham.

SPECIAL PREMIUMS.

Advanced registry cow, 3 years or over.

1st Prem.....	M. D. Cunningham.
2nd Prem.....	M. D. Cunningham.

Bull shown with his get.

1st Prem.....	M. D. Cunningham.
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Exhibitors' herd.

1st Prem.....	M. D. Cunningham.
2nd Prem.....	J. G. Hickcox.

Breeders' young herd.

1st Prem.....	M. D. Cunningham.
2nd Prem.....	Seymour Bros.

JERSEY.

Bull, 3 years or over.

1st Prem.....	W. S. Dixon, Brandon, Wis.
2nd Prem.....	H. W. Ayers, Honey Creek, Wis.
3rd Prem.....	Geo. Martin, Darlington, Wis.

Bull, 2 years and under 3.

1st Prem.....	W. S. Dixon.
2nd Prem.....	Geo. Martin.

Bull, 1 year and under 2.

1st Prem.....W. S. Dixon.

Bull, under 1 year.

1st Prem.....Geo. Martin.
 2nd Prem.....W. S. Dixon.
 3rd Prem.....H. W. Ayers.

Cow, 3 years or over.

1st Prem.....Geo. Martin.
 2nd Prem.....W. S. Dixon.
 3rd Prem.....W. S. Dixon.

Heifer, 2 years and under 3.

1st Prem.....W. S. Dixon.
 2nd Prem.....Geo. Martin.
 3rd Prem.....W. S. Dixon.

Heifer, 1 year and under 2.

1st Prem.....W. S. Dixon.
 2nd Prem.....W. S. Dixon.
 3rd Prem.....H. W. Ayers.

Heifer, under 1 year.

1st Prem.....W. S. Dixon.
 2nd Prem.....Geo. Martin.
 3rd Prem.....H. W. Ayers.

Get of sire.

1st Prem.....W. S. Dixon.
 2nd Prem.....H. A. Ayers.

Produce of cow.

1st Prem.....W. S. Dixon.
 2nd Prem.....Geo. Martin.

Champions.

Bull over 2 years.....W. S. Dixon.
 Cow over 2 years.....W. S. Dixon.
 Bull under 2 years.....Geo. Martin.
 Heifer under 2 years.....W. S. Dixon.

AYRSHIRE.

Bull, 3 years or over.

1st Prem.....	Sam Jones & Son, Juneau, Wis.
2nd Prem.....	Ed Finn, Whitewater, Wis.

Bull, 2 years and under 3.

1st Prem.....	Sam Jones & Son.
2nd Prem.....	Ed Finn.

Bull, 1 year and under 2.

1st Prem.....	Adam Seitz, Waukesha, Wis.
2nd Prem.....	Ed Finn.
3rd Prem.....	Sam Jones & Son.

Bull, under 1 year.

1st Prem.....	Sam Jones & Son.
2nd Prem.....	Ed Finn.
3rd Prem.....	Sam Jones & Son.

Cow, 3 years or over.

1st Prem.....	Sam Jones & Son.
2nd Prem.....	Sam Jones & Son.
3rd Prem.....	Adam Seitz.

Heifer, 2 years and under 3.

1st Prem.....	Ed Finn.
2nd Prem.....	Sam Jones & Son.
3rd Prem.....	Sam Jones & Son.

Heifer, 1 year and under 2.

1st Prem.....	Adam Seitz.
2nd Prem.....	Sam Jones & Son.
3rd Prem.....	Sam Jones & Son.

Heifer, under 1 year.

1st Prem.....	Adam Seitz.
2nd Prem.....	Sam Jones & Son.
3rd Prem.....	Sam Jones & Son.

Get of sire.

1st Prem.....Adam Seitz.
2nd Prem.....Ed Finn.

Produce of cow.

1st Prem.....Adam Seitz.
2nd Prem.....Ed Finn.

Champions.

Bull over 2 years.....Sam Jones & Son.
Cow over 2 years.....Sam Jones & Son.
Bull under 2 years.....Adam Seitz.
Heifer under 2 years.....Adam Seitz.

SHEEP.

Judges.

W. T. Potts, Chicago, Ill.
W. S. Dixon, Brandon, Wis.

SHROPSHIRE—OPEN CLASS.

Ram, 2 years or over.

1st Prem.....John Kivlin, Brooklyn, Wis.
2nd Prem.....Geo. McKerrow & Sons, Pewaukee, Wis.
3rd Prem.....Geo. McKerrow & Sons.

Ram, 1 year and under 2.

1st Prem.....F. W. Harding, Waukesha, Wis.
2nd Prem.....F. W. Harding.
3rd Prem.....Chandler Bros., Kellerton, Ia.

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Ram, under 1 year.

1st Prem.....	F. W. Harding.
2nd Prem.....	W. Woodard, Bloomer, Wis.
3rd Prem.....	John Kivlin.

Ewe, 2 years or over.

1st Prem.....	John Kivlin.
2nd Prem.....	Chandler Bros.
3rd Prem.....	Geo. McKerrow & Sons.

Ewe, 1 year and under 2.

1st Prem.....	F. W. Harding.
2nd Prem.....	Chandler Bros.
3rd Prem.....	John Kivlin.

Ewe, under 1 year.

1st Prem.....	F. W. Harding.
2nd Prem.....	A. Broughton, Albany, Wis.
3rd Prem.....	F. W. Harding.

Flock.

1st Prem.....	F. W. Harding.
2nd Prem.....	John Kivlin.

Pen of four lambs.

1st Prem.....	W. Woodard.
2nd Prem.....	A. J. Klein, Campbellsport, Wis.

Champions.

Ram any age.....	F. W. Harding.
Ewe any age.....	F. W. Harding.

 AMERICAN BRED HROPSHIRE.

Ram, 2 years or over.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Geo. McKerrow & Sons.
3rd Prem.....	Renk Bros., Sun Prairie Wis.

Ram, 1 year and under 2.

- 1st Prem.....John C. Robinson, & Son, Evansville, Wis.
- 2nd Prem.....Chandler Bros.
- 3rd Prem.....Renk Bros.

Ram, under 1 year.

- 1st Prem.....W. Woodard.
- 2nd Prem.....A. J. Klein.
- 3rd Prem.....Geo. McKerrow & Sons.

Ewe, 2 years or over.

- 1st Prem.....Chandler Bros.
- 2nd Prem.....Geo. McKerrow & Sons.
- 3rd Prem.....John C. Robinson & Son.

Ewe, 1 year and under 2.

- 1st Prem.....Geo. McKerrow & Sons.
- 2nd Prem.....Geo. McKerrow & Sons.
- 3rd Prem.....John C. Robinson & Sons.

Ewe, under 1 year.

- 1st Prem.....John C. Robinson & Son.
- 2nd Prem.....Geo. McKerrow & Sons.
- 3rd Prem.....W. Woodward.

Flock.

- 1st Prem.....Geo. McKerrow & Sons.
- 2nd Prem.....J. C. Robinson & Son.

Pen of four lambs.

- 1st Prem.....W. Woodard.
- 2nd Prem.....A. J. Klein.
- 3rd Prem.....W. Woodard.

Champions.

- Ram any age.....Geo. McKerrow & Sons.
- Ewe any age.....Chandler Bros.

WISCONSIN BRED SHROPSHIRE.

Ram, 2 years or over.

1st Prem.....	Renk Bros.
2nd Prem.....	John Kivlin.
3rd Prem.....	A. J. Klein.

Ram, 1 year and under 2.

1st Prem.....	John C. Robinson & Son.
2nd Prem.....	Renk Bros.
3rd Prem.....	A. J. Klein.

Ram lamb.

1st Prem.....	W. Woodard.
2nd Prem.....	A. J. Klein.
3rd Prem.....	Geo. McKerrow & Sons.

Ewe, 2 years or over.

1st Prem.....	John C. Robinson & Son.
2nd Prem.....	W. Woodard.
3rd Prem.....	A. J. Klein.

Ewe, 1 year and under 2.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	John C. Robinson & Son.
3rd Prem.....	John C. Robinson & Son.

Ewe lamb.

1st Prem.....	A. Broughton.
2nd Prem.....	John C. Robinson & Son.
3rd Prem.....	Geo. McKerrow & Sons.

Two lambs, either sex.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	W. Woodard.
3rd Prem.....	John Kivlin.

Best ram any age.....	W. Woodard.
Best ewe any age.....	John C. Robinson & Son.

OXFORD—OPEN CLASS.

Ram, 2 years or over.

- 1st Prem.....Geo. McKerrrow & Sons.
- 2nd Prem.....Geo. McKerrrow & Sons.
- 3rd Prem.....Wm. A. McKerrrow, Pewaukee, Wis.

Ram, 1 year and under 2.

- 1st Prem.....Geo. McKerrrow & Sons.
- 2nd Prem.....Geo. McKerrrow & Sons.

Ram, under 1 year.

- 1st Prem.....Geo. McKerrrow & Sons.
- 2nd Prem.....Geo. McKerrrow & Sons.
- 3rd Prem.....W. D. McGill, Menomonee Falls, Wis.

Ewe, 2 years or over.

- 1st Prem.....Geo. McKerrrow & Sons.
- 2nd Prem.....Geo. McKerrrow & Sons.

Ewe, 1 year and under 2.

- 1st Prem.....Geo. McKerrrow & Sons.
- 2nd Prem.....Wm. A. McKerrrow.
- 3rd Prem.....W. D. McGill.

Ewe, under 1 year.

- 1st Prem.....Geo. McKerrrow & Sons.
- 2nd Prem.....Geo. McKerrrow & Sons.

Flock.

- 1st Prem.....Geo. McKerrrow & Sons.
- 2nd Prem.....Wm. A. McKerrrow.

Pen of four lambs.

- 1st Prem.....Geo. McKerrrow & Sons.
- 2nd Prem.....W. D. McGill.

Champions.

- Ram any age.....Geo. McKerrrow & Sons.
- Ewe any age.....Geo. McKerrrow & Sons.

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WISCONSIN BRED OXFORD.

Best yearling ram.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Wm. H. Edwards, Pewaukee, Wis.

Best yearling ewe.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	W. D. McGill.

Best pen of four lambs.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	W. D. McGill.

Ram, 1 year old.

1st Prem.....	Geo. McKerrow & Sons.
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Ram lamb.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Geo. McKerrow & Sons.

Ewe, 1 year old.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	W. D. McGill.

Ewe lamb.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Geo. McKerrow & Sons.

Two lambs, either sex.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Geo. McKerrow & Sons.

SOUTHDOWN—OPEN CLASS.

Ram, 2 years or over.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Geo. McKerrow & Sons.
3rd Prem.....	Wm. A. McKerrow.

Ram, 1 year and under 2.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Geo. McKerrow & Sons.

Ram, under 1 year.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Geo. McKerrow & Sons.

Ewe, 2 years or over.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Wm. A. McKerrow.

Ewe, 1 year and under 2.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Wm. A. McKerrow.

Ewe, under 1 year.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Geo. McKerrow & Sons.

Flock.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Wm. A. McKerrow & Sons.

Pen of four lambs.

1st Prem.....	Geo. McKerrow & Sons.
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Champions.

Ram any age.....	Geo. McKerrow & Sons.
Ewe any age.....	Geo. McKerrow & Sons.

WISCONSIN BRED SOUTHDOWN.

Ram lamb.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Geo. McKerrow & Sons.

Ewe, 1 year.

1st Prem.....	Geo. McKerrow & Sons.
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Ewe lamb.

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Geo. McKerrow & Sons.

Two lambs, either sex:

1st Prem.....	Geo. McKerrow & Sons.
2nd Prem.....	Geo. McKerrow & Sons.

 HAMPSHIRE.

Ram, 2 years or over.

1st Prem.....	W. G. Bartholf, Burlington, Wis.
2nd Prem.....	W. G. Bartholf.
3rd Prem.....	F. H. Patten, Spring Prairie, Wis.

Ram, 1 year and under 2

1st Prem.....	F. H. Patten.
2nd Prem.....	W. G. Bartholf.

Ram, under 1 year.

1st Prem.....	F. H. Patten.
2nd Prem.....	W. G. Bartholf.
3rd Prem.....	F. H. Patten.

Ewe, 2 years and over.

1st Prem.....	W. G. Bartholf.
2nd Prem.....	W. G. Bartholf.
3rd Prem.....	F. H. Patten.

Ewe, 1 year and under 2.

1st Prem.....	W. G. Bartholf.
2nd Prem.....	F. H. Patten.
3rd Prem.....	W. G. Bartholf.

Ewe, under 1 year.

1st Prem.....	W. G. Bartholf.
2nd Prem.....	F. H. Patten.
3rd Prem.....	W. G. Bartholf.

Flock.

1st Prem.....W. G. Bartholf.
2nd Prem.....F. H. Patten.

Pen of four lambs.

1st Prem.....F. H. Patten.
2nd Prem.....W. G. Bartholf.

Champions.

Ram any age.....F. H. Patten.
Ewe any age.....W. G. Bartholf.

SPECIAL PREMIUMS.

Four lambs, either sex.

1st Prem.....F. H. Patten.
2nd Prem.....W. G. Bartholf.

COTSWOLD.

Ram, 2 years and over.

1st Prem.....F. W. Harding, Waukesha, Wis.
2nd Prem.....F. W. Harding.

Ram, 1 year and under 2.

1st Prem.....F. W. Harding.
2nd Prem.....F. W. Harding.
3rd Prem.....F. W. Harding.

Ram, under 1 year.

1st Prem.....F. W. Harding.
2nd Prem.....F. W. Harding.

Ewe, 2 years or over.

1st Prem.....F. W. Harding.

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Ewe, 1 year and under 2.

1st Prem.....	F. W. Harding.
2nd Prem	F. W. Harding.

Ewe under 1 year.

1st Prem	F. W. Harding.
2nd Prem.....	F. W. Harding.

Flock.

1st Prem.....	F. W. Harding.
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Pen of four lambs.

1st Prem.....	F. W. Harding.
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Champions.

Ram any age.....	F. W. Harding.
Ewe any age.....	F. W. Harding.

 LINCOLN AND LEICESTER.

Ram, 2 years or over.

1st Prem.....	Alex A. Arnold & Sons, Galesville, Wis.
2nd Prem.....	Alex A. Arnold & Sons.
3rd Prem.....	Alex A. Arnold & Sons.

Ram, 1 year and under 2.

1st prem.....	Alex A. Arnold & Sons.
2nd Prem.....	Alex A. Arnold & Sons.

Ram, under 1 year.

1st Prem.....	Alex A. Arnold & Sons.
2nd Prem.....	Alex A. Arnold & Sons.

Ewe, 2 years or over.

1st Prem.....	Alex A. Arnold & Sons.
2nd Prem.....	Alex A. Arnold & Sons.
3rd Prem.....	W. S. Dixon, Brandon, Wis.

Ewe, 1 year and under 2.

- 1st Prem..... Alex A. Arnold & Sons.
- 2nd Prem..... Alex A. Arnold & Sons.
- 3rd Prem..... W. S. Dixon.

Ewe, under 1 year.

- 1st Prem..... W. S. Dixon.
- 2nd Prem..... Alex A. Arnold & Sons.
- 3rd Prem..... Alex A. Arnold & Sons.

Flock.

- 1st Prem..... Alex A. Arnold & Sons.
- 2nd Prem..... Alex A. Arnold & Sons.

Pen of four lambs.

- 1st Prem..... Alex A. Arnold & Sons.

Champions.

- Ram any age..... Alex A. Arnold & Sons.
- Ewe any age..... Alex A. Arnold & Sons.

CHEVIOT.

Ram, 2 years or over.

- 1st Prem..... N. B. Cutler, Carthage, Ill.
- 2nd Prem..... Ethelwold Farms, Mondovi, Wis.

Ram, under 1 year.

- 1st Prem..... Ethelwold Farms.
- 2nd Prem..... Ethelwold Farms.
- 3rd Prem..... N. B. Cutler.

Ewe, 2 years or over.

- 1st Prem..... Ethelwold Farms.
- 2nd Prem..... N. B. Cutler.
- 3rd Prem..... Ethelwold Farms.

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Ewe, 1 year and under 2.

1st Prem.....	Ethelwold Farms.
2nd Prem.....	N. B. Cutler.
3rd Prem.....	Ethelwold Farms.

Ewe under 1 year.

1st Prem.....	Ethelwold Farms.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	N. B. Cutler.

Flock.

1st Prem.....	Ethelwold Farms.
2nd Prem.....	N. B. Cutler.

Pen of four lambs.

1st Prem.....	Ethelwold Farms.
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Champions.

1st Prem.....	N. B. Cutler.
2nd Prem.....	Ethelwold Farms.

AMERICAN OR DELAINE MERINO.

Ram, 2 years or over.

1st Prem.....	H. E. & E. M. Moore, Orchard Lake, Mich.
2nd Prem.....	H. E. & E. M. Moore.
3rd Prem.....	H. E. & E. M. Moore.

Ram, 1 year and under 2.

1st Prem.....	H. E. & E. M. Moore.
2nd Prem.....	H. E. & E. M. Moore.
3rd Prem.....	H. E. & E. M. Moore.

Ram, under 1 year.

1st Prem.....	H. E. & E. M. Moore.
2nd Prem.....	H. E. & E. M. Moore.
3rd Prem.....	H. E. & E. M. Moore.

Ewe, 2 years or over.

1st Prem.....	H. E. & E. M. Moore.
2nd Prem.....	H. E. & E. M. Moore.
3rd Prem.....	H. E. & E. M. Moore.

Ewe, 1 year and under 2.

1st Prem.....	H. E. & E. M. Moore.
2nd Prem.....	H. E. & E. M. Moore.
3rd Prem.....	H. E. & E. M. Moore.

Ewe, under 1 year.

1st Prem.....	H. E. & E. M. Moore.
2nd Prem.....	H. E. & E. M. Moore.
3rd Prem.....	H. E. & E. M. Moore.

Flock.

1st Prem.....	H. E. & E. M. Moore.
2nd Prem.....	H. E. & E. M. Moore.

Pen of four lambs.

1st Prem.....	H. E. & E. M. Moore.
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Champions.

Ram any age.....	H. E. & E. M. Moore.
Ewe any age.....	H. E. & E. M. Moore.

RAMBOUILLET.

Ram, 2 years or over.

1st Prem.....	H. E. & E. M. Moore.
2nd Prem.....	F. W. Harding.
3rd Prem.....	H. E. & E. M. Moore.

Ram, 1 year and under 2.

1st Prem.....	H. E. & E. M. Moore.
2nd Prem.....	F. W. Harding.
3rd Prem.....	H. E. & E. M. Moore.

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Ram under 1 year.

1st Prem.....	H. E. & E. M. Moore.
2nd Prem.....	H. E. & E. M. Moore.
3rd Prem.....	F. W. Harding.

Ewe, 2 years or over.

1st Prem.....	H. E. & E. M. Moore.
2nd Prem.....	F. W. Harding.
3rd Prem.....	F. W. Harding.

Ewe, 1 year and under 2.

1st Prem.....	H. E. & E. M. Moore.
2nd Prem.....	F. W. Harding.
3rd Prem.....	H. E. & E. M. Moore.

Ewe under 1 year.

1st Prem.....	H. E. & E. M. Moore.
2nd Prem.....	H. E. & E. M. Moore.
3rd Prem.....	F. W. Harding.

Flock.

1st Prem.....	H. E. & E. M. Moore.
2nd Prem.....	F. W. Harding.

Pen of four lambs.

1st Prem.....	H. E. & E. M. Moore.
2nd Prem.....	F. W. Harding.

Champions.

Ram, any age.....	H. E. & E. M. Moore.
Ewe, any age.....	H. E. & E. M. Moore.

FARMERS' CLASS.

3 fat lambs.

1st Prem.....	Wm. H. Edwards, Pewaukee, Wis.
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3 grade ewes, 1 year old.

1st Prem.....	Wm. H. Edwards.
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3 grade ewes, 2 years or over.

1st Prem.....Wm. H. Edwards.

ANGORA GOATS.

Buck, 2 years or over.

1st Prem.....J. McD. Randles, Waukesha, Wis.
2nd Prem.....J. McD. Randles.

Buck, 1 year and under 2.

1st Prem.....J. McD. Randles.
2nd Prem.....J. McD. Randles.

Buck Kid.

1st Prem.....J. McD. Randles.
2nd Prem.....J. McD. Randles.

Doe, two years or over.

1st Prem.....J. McD. Randles.
2nd Prem.....J. McD. Randles.

Doe, 1 year and under 2.

1st Prem.....J. McD. Randles.

Doe Kid.

1st Prem.....J. McD. Randles.
2nd Prem.....J. McD. Randles.

SWINE.

Judge.

Joseph Gordon, Mineral Point, Wis.

POLAND CHINA.

Boar, 2 years or over.

1st Prem.....	L. P. Martiny, North Freedom, Wis.
2nd Prem.....	Geo. Martin, Darlington, Wis.
3rd Prem.....	M. W. & W. H. Reed, Whitewater, Wis.

Boar, 1 year and under 2.

1st Prem.....	W. C. Waite, Whitewater, Wis.
2nd Prem.....	Geo. Martin.
3rd Prem.....	Ferdinand Schmeder, Cuba City, Wis.

Boar, over 6 months and under 1 year.

1st Prem.....	M. W. & W. H. Reed.
2nd Prem.....	L. P. Martiny.
3rd Prem.....	Ferdinand Schmeder.

Boar, under 6 months.

1st Prem.....	M. W. & W. H. Reed.
2nd Prem.....	Geo. Martin.
3rd Prem.....	Ferdinand Schmeder.

Sow, 2 years or over.

1st Prem.....	Geo. Martin.
2nd Prem.....	L. P. Martiny.
3rd Prem.....	M. W. & W. H. Reed.

Sow, 1 year and under 2.

1st Prem.....	M. W. & W. H. Reed.
2nd Prem.....	Sager Bros., Belvidere, Ill.
3rd Prem.....	Geo. Martin.

Sow, over 6 months and under 1 year.

- 1st Prem.....L. P. Martiny.
- 2nd Prem.....Geo. Martin.
- 3rd Prem.....Ferdinand Schmeder.

Sow, under 6 months.

- 1st Prem.....L. P. Martiny.
- 2nd Prem.....L. P. Martiny.
- 3rd Prem.....W. C. Waite.

Produce of dam.

- 1st Prem.....W. C. Waite.
- 2nd Prem.....W. G. Bartholf, Burlington, Wis.

Get of sire.

- 1st Prem.....L. P. Martiny.
- 2nd Prem.....Ferdinand Schmeder.

Champions.

- Champion boar.....L. P. Martiny.
- Champion sow.....Geo. Martin.

SPECIAL PRIZES.

Boar, over 6 months and under 1 year.

- 1st Prem.....L. P. Martiny.
- 2nd Prem.....Ferdinand Schmeder.
- 3rd Prem.....Geo. Martin.
- 4th Prem.....Geo. Martin.
- 5th Prem.....L. P. Martiny.

Boar, under 6 months.

- 1st Prem.....Ferdinand Schmeder.
- 2nd Prem.....W. C. Waite.
- 3rd Prem.....M. W. & W. H. Reed.
- 4th Prem.....L. P. Martiny.
- 5th Prem.....W. C. Waite.

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Sow, over 6 months and under 1 year.

1st Prem.....	L. P. Martiny.
2nd Prem.....	Geo. Martin.
3rd Prem.....	Ferdinand Schmeder.
4th Prem.....	Ferdinand Schmeder.
5th Prem.....	Geo. Martin.

Sow, under 6 months.

1st Prem.....	L. P. Martiny.
2nd Prem.....	L. P. Martiny.
3rd Prem.....	W. C. Waite.
4th Prem.....	W. C. Waite.
5th Prem.....	M. W. & W. H. Reed.

 BERKSHIRE.

Boar, 2 years or over.

1st Prem.....	Etzler & Moses, Decatur, Ind.
2nd Prem.....	Geo. E. Kelly, Mineral Point, Wis.
3rd Prem.....	W. D. Becker, Ft. Atkinson, Wis.

Boar, 1 year and under 2.

1st Prem.....	Geo. E. Kelly.
2nd Prem.....	H. P. West, Ripon, Wis.
3rd Prem.....	Geo. E. Kelly.

Boar, over 6 months under 1 year.

1st Prem.....	Etzler & Moses.
2nd Prem.....	W. D. Becker.
3rd Prem.....	Etzler & Moses.

Boar, under 6 months.

1st Prem.....	Geo. E. Kelly.
2nd Prem.....	Geo. E. Kelly.
3rd Prem.....	Etzler & Moses.

Sow, 2 years or over.

1st Prem.....	Etzler & Moses.
2nd Prem.....	Etzler & Moses.
3rd Prem.....	W. D. Becker.

Sow, 1 year and under 2.

1st Prem.....	Etzler & Moses.
2nd Prem.....	Etzler & Moses.
3rd Prem.....	Alex A. Arnold & Sons, Galesville, Wis.

Sow, over 6 months and under 1 year.

1st Prem.....	Etzler & Moses.
2nd Prem.....	Etzler & Moses.
3rd Prem.....	Etzler & Moses.

Sow, under 1 year.

1st Prem.....	Etzler & Moses.
2nd Prem.....	Geo. E. Kelly.
3rd Prem.....	Etzler & Moses.

Produce of dam.

1st Prem.....	Geo. E. Kelly.
2nd Prem.....	H. P. West.
3rd Prem.....	Alex A. Arnold & Sons.

Get of sire.

1st Prem.....	Etzler & Moses.
2nd Prem.....	Geo. E. Kelly.

Champions.

Champion boar.....	Etzler & Moses.
Champion sow.....	Etzler & Moses.

CHESTER-WHITE.

Boar, 2 years or over.

1st Prem.....	Wm. W. Vaughn & Sons, Spring Prairie, Wis.
2nd Prem.....	Wm. W. Vaughn & Sons.
3rd Prem.....	S. A. Storrs, Belvidere, Ill.

ANNUAL REPORT OF THE

Boar, 1 year and under 2.

1st Prem.....	W. J. Martin, Darlington, Wis.
2nd Prem.....	S. A. Storrs.
3rd Prem.....	Wm. J. Kelly, Mineral Point, Wis.

Boar, over 6 months and under 1 year.

1st Prem.....	W. J. Martin.
2nd Prem.....	Wm. J. Vaughn & Sons.
3rd Prem.....	Wm. J. Kelly.

Boar, under 6 months.

1st Prem.....	H. J. Noblet, Elkhorn, Wis.
2nd Prem.....	W. J. Martin.
3rd Prem.....	H. J. Noblet.

Sow, 2 years or over.

1st Prem.....	Wm. W. Vaughn & Sons.
2nd Prem.....	Wm. J. Kelly.
3rd Prem.....	S. A. Storrs.

Sow, 1 year and under 2.

1st Prem.....	Wm. W. Vaughn & Sons.
2nd Prem.....	Wm. W. Vaughn & Sons.
3rd Prem.....	Wm. J. Kelly

Sow, over 6 months and under 1 year.

1st Prem.....	Wm. J. Kelly.
2nd Prem.....	Wm. J. Kelly.
3rd Prem.....	Wm. W. Vaughn & Sons.

Sow, under 6 months.

1st Prem.....	Wm. J. Kelly.
2nd Prem.....	Wm. W. Vaughn & Sons.
3rd Prem.....	Wm. W. Vaughn & Sons.

Produce of dam.

1st Prem.....	Wm. W. Vaughn & Sons.
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Get of sire.

1st Prem.....	H. J. Noblet.
2nd Prem.....	Wm. W. Vaughn & Sons.

Champions.

Champion boar..... W. J. Martin.
Champion sow..... Wm. W. Vaughn & Sons.

Special premiums.

Pair of pigs under 1 year..... W. J. Martin.
Boar under 6 months..... W. J. Martin.

DUROC-JERSEY.

Boar, 2 years or over.

1st Prem..... M. W. & W. H. Reed.
2nd Prem..... F. H. Patten, Spring Prairie, Wis.
3rd Prem..... N. B. Cutler, Carthage, Ill.

Boar, 1 year and under 2.

1st Prem..... M. W. & W. H. Reed.
2nd Prem..... N. B. Cutler.
3rd Prem..... Eli Crall & Son, Evansville, Wis.

Boar, over 6 months and under 1 year.

1st Prem..... M. W. & W. H. Reed.
2nd Prem..... F. H. Patten.
3rd Prem..... Wm. W. Vaughn & Sons.

Boar, under 6 months.

1st Prem..... M. W. & W. H. Reed.
2nd Prem..... F. H. Patten.
3rd Prem..... Wm. W. Vaughn & Sons.

Sow, 2 years or over.

1st Prem..... N. B. Cutler.
2nd Prem..... M. W. & W. H. Reed.
3rd Prem..... Wm. W. Vaughn & Sons.

Sow, 1 year and under 2.

1st Prem..... Geo. Martin.
2nd Prem..... M. W. & W. H. Reed.
3rd Prem..... M. W. & W. H. Reed.

ANNUAL REPORT OF THE

Sow, over 6 months and under 1 year.

1st Prem.....	M. W. & W. H. Reed.
2nd Prem.....	Wm. W. Vaughn & Sons.
3rd Prem.....	W. G. Bartholf.

Sow, under 6 months.

1st Prem.....	M. W. & W. H. Reed.
2nd Prem.....	F. H. Patten.
3rd Prem.....	Wm. W. Vaughn & Sons.

Produce of dam.

1st Prem.....	M. W. & W. H. Reed.
2nd Prem.....	F. H. Patten.
3rd Prem.....	W. G. Bartholf.

Get of sire.

1st Prem.....	M. W. & W. H. Reed.
2nd Prem.....	F. H. Patten.

Champions.

Champion boar.....	M. W. & W. H. Reed.
Champion sow.....	Geo. Martin.

TAMWORTH.

Boar, 2 years or over.

1st Prem.....	Kelly Bros., Mineral Point., Wis.
2nd Prem.....	H. W. Ayers, Honey Creek, Wis.

Boar, 1 year and under 2.

1st Prem.....	Kelly Bros.
2nd Prem.....	H. W. Ayers.

Boar, over 6 months and under 1 year.

1st Prem.....	Kelly Bros.
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Boar, under 6 months.

1st Prem.....	Kelly Bros.
2nd Prem.....	Kelly Bros.
3rd Prem.....	Kelly Bros.

Sow, 2 years or over.

1st Prem.....	Kelly Bros.
2nd Prem.....	Kelly Bros.
3rd Prem.....	H. W. Ayers.

Sow, 1 year and under 2.

1st Prem.....	Kelly Bros.
2nd Prem.....	Kelly Bros.
3rd Prem.....	Kelly Bros.

Sow, over 6 months and under 1 year.

1st Prem.....	Kelly Bros.
2nd Prem.....	H. W. Ayers.
3rd Prem.....	Kelly Bros.

Sow, under 6 months.

1st Prem.....	Kelly Bros.
2nd Prem.....	Kelly Bros.
3rd Prem.....	Kelly Bros.

Produce of dam.

1st Prem.....	Kelly Bros.
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Get of sire.

1st Prem.....	Kelly Bros.
2nd Prem.....	H. W. Ayers.

Champions.

Champion boar	Kelly Bros.
Champion sow	Kelly Bros.

ALL OTHER DISTINCT BREEDS.

Boar, 2 years or over.

1st Prem.....	H. P. West.
2nd Prem.....	H. P. West.

ANNUAL REPORT OF THE

Boar, 1 year and under 2.

1st Prem.....	H. P. West.
2nd Prem.....	H. P. West.
3rd Prem.....	H. P. West.

Boar, over 6 months and under 1 year.

1st Prem.....	H. P. West.
2nd Prem.....	H. P. West.
3rd Prem.....	Chas. T. Hill, Brookfield, Wis.

Boar, under 6 months.

1st Prem.....	H. P. West.
2nd Prem.....	H. P. West.
3rd Prem.....	H. P. West.

Sow, 2 years or over.

1st Prem.....	H. P. West.
2nd Prem.....	H. P. West.
3rd Prem.....	H. P. West.

Sow, 1 year and under 2.

1st Prem.....	H. P. West.
2nd Prem.....	H. P. West.
3rd Prem.....	H. P. West.

Sow, over 6 months under 1 year.

1st Prem.....	H. P. West.
2nd Prem.....	H. P. West.
3rd Prem.....	H. P. West.

Sow, under 6 months.

1st Prem.....	H. P. West.
2nd Prem.....	H. P. West.
3rd Prem.....	H. P. West.

Produce of dam.

1st Prem.....	H. P. West.
2nd Prem.....	Chas. T. Hill.

Get of sire.

1st Prem.....	H. P. West.
2nd Prem.....	Chas. T. Hill.

Champions.

Champion boar.....H. P. West.
Champion sow.....H. P. West.

WISCONSIN SWEEPSTAKES.

Best exhibit bred by exhibitor.

1st Prem.....L. P. Martiny.
2nd Prem.....Geo. Martin.
3rd Prem.....Ferdinand Schmeder.
4th Prem.....Geo. E. Kelly.

POULTRY AND PIGEONS.

POULTRY DIVISION.

Judge.

S. Butterfield, Windsor, Ont.

BARRED PLYMOUTH ROCK.

Cock.

1st Prem.....E. G. Roberts, Ft. Atkinson, Wis.
2nd Prem.....F. W. Niesman Co., Freeport, Ill.
3rd Prem.....Geo. Cooke, Racine, Wis.

Cockerel.

1st Prem.....Geo. Cooke.
2nd Prem.....O. J. Bedard, Bangor, Mich.
3rd Prem.....Hoyt & Doty, Whitewater, Wis.

ANNUAL REPORT OF THE

Hen.

1st Prem.....	O. J. Bedard.
2nd Prem.....	O. J. Bedard.
3rd Prem.....	E. G. Roberts.

Pullet.

1st Prem.....	J. R. Love, Waukesha, Wis.
2nd Prem.....	O. J. Bedard.
3rd Prem.....	F. W. Niesman Co.

 WHITE PLYMOUTH ROCK.

Cock.

1st Prem.....	Fuchs Bros., Milwaukee, Wis.
2nd Prem.....	E. G. Roberts.
3rd Prem.....	F. W. Niesman Co.

Cockerel.

1st Prem.....	Frank Kittinger, Caledonia, Wis.
2nd Prem.....	Chas. G. Wolff, Milwaukee, Wis.
3rd Prem.....	Louis Pierron, Milwaukee, Wis.

Hen.

1st Prem	Frank Kittinger.
2nd Prem.....	J. R. Love.
3rd Prem.....	A. Robertson, Milwaukee, Wis.

Pullet.

1st Prem	Frank Kittinger.
2nd Prem.....	Louis Pierron.
3rd Prem.....	J. R. Love.

 BUFF PLYMOUTH ROCK.

Cock.

1st Prem	F. W. Niesman Co.
2nd Prem.....	F. W. Niesman Co.
3rd Prem.....	Arthur Kittinger, Caledonia, Wis.

Cockerel.

- 1st Prem.....Chas. G. Wolff.
- 2nd Prem.....Louis Pierron.
- 3rd Prem.....Chas. G. Wolff.

Hen.

- 1st Prem.....J. R. Love.
- 2nd Prem.....F. W. Niesman Co.
- 3rd Prem.....Fred Stier, Sussex, Wis.

Pullet.

- 1st Prem.....Chas. G. Wolff.
- 2nd Prem.....Chas. G. Wolff.
- 3rd Prem.....Arthur Kittinger.

GOLDEN WYANDOTTE.

Cock.

- 1st Prem.....John C. Schulz, Milwaukee, Wis.
- 2nd Prem.....E. G. Roberts.
- 3rd Prem.....Hoyt & Doty.

Cockerel.

- 1st Prem.....Fred Stier.
- 2nd Prem.....John C. Schulz.
- 3rd Prem.....E. G. Roberts.

Hen.

- 1st Prem.....Geo. Cooke.
- 2nd Prem.....E. G. Roberts.
- 3rd Prem.....Pasbrig Bros., Milwaukee, Wis.

Pullet.

- 1st Prem.....Fred Stier.
- 2nd Prem.....F. W. Niesman Co.
- 3rd Prem.....John C. Schulz.

ANNUAL REPORT OF THE

SILVER WYANDOTTE.

Cock.

1st Prem	F. W. Niesman Co.
2nd Prem.....	F. W. Niesman Co.
3rd Prem.....	B. S. Beckington, Garden Prairie, Ill.

Cockerel.

1st Prem.....	Geo. Taege, Milwaukee, Wis.
2nd Prem.....	Hoyt & Doty.
3rd Prem.....	F. W. Niesman Co.

Hen.

1st Prem.....	E. G. Roberts.
2nd Prem.....	B. S. Beckington.
3rd Prem.....	Pasbrig Bros.

Pullet.

1st Prem.....	Geo. Taege.
2nd Prem.....	Geo. Taege.
3rd Prem.....	Pasbrig Bros.

 BUFF WYANDOTTE.

Cock.

1st Prem.....	Pasbrig Bros.
2nd Prem.....	Fuchs Bros.
3rd Prem.....	Hoyt & Doty.

Cockerel.

1st Prem.....	Fred Stier.
2nd Prem.....	Fred Stier.
3rd Prem.....	F. W. Niesman Co.

Hen.

- 1st Prem.....E. G. Roberts.
- 2nd Prem.....Fuchs Bros.
- 3rd Prem.....Fuchs Bros.

Pullet.

- 1st Prem.....E. G. Roberts.
- 2nd Prem.....Mrs. H. N. Graves, Palmyra, Wis.
- 3rd Prem.....Mrs. H. N. Graves.

WHITE WYANDOTTE.

Cock.

- 1st Prem.....Clement & Fike, Libertyville, Ill.
- 2nd Prem.....True White Poultry Yards, Mil. Wis.
- 3rd Prem.....True White Poultry Yards.

Cockerel.

- 1st Prem.....Clement & Fike.
- 2nd Prem.....Clement & Fike.
- 3rd Prem.....Clement & Fike.

Hen.

- 1st Prem.....Clement & Fike.
- 2nd Prem.....Clement & Fike.
- 3rd Prem.....Clement & Fike.

Pullet.

- 1st Prem.....Clement & Fike.
- 2nd Prem.....Clement & Fike.
- 3rd Prem.....Clement & Fike.

ANNUAL REPORT OF THE

BLACK WYANDOTTE.

Cock.

1st Prem.....	E. G. Roberts.
2nd Prem.....	Pasbrig Bros.

Cockerel.

1st Prem.	E. G. Roberts.
2nd Prem.	E. G. Roberts.

Hen.

1st Prem.	Hoyt & Doty.
2nd Prem.	Hoyt & Doty.

Pullet.

1st Prem.....	E. G. Roberts.
2nd Prem.....	Pasbrig Bros.

 PARTRIDGE WYANDOTTE.

Cock.

1st Prem.	Hoyt & Doty.
2nd Prem.	Hoyt & Doty.

Hen.

1st Prem.....	Frank R. Austerman, Waukesha, Wis.
2nd Prem.....	Frank R. Austerman.

Cockerel.

1st Prem.....	E. G. Roberts.
2nd Prem.	Hoyt & Doty.

Pullet.

1st Prem.....	Frank R. Austerman.
2nd Prem.	Hoyt & Doty.

MOTTLED OR BLACK JAVA.

Cock.

1st Prem.....E. G. Roberts.
2nd Prem.....Pasbrig Bros.

Cockerel.

1st Prem.....E. G. Roberts.
2nd Prem.....Pasbrig Bros.

Hen.

1st Prem.....B. S. Beckington.
2nd Prem.....Pasbrig Bros.

Pullet.

1st Prem.....E. G. Roberts.
2nd Prem.....Pasbrig Bros.

COLORED OR SILVER GRAY DORKING.

Cock.

1st Prem.....E. G. Roberts.
2nd Prem.....J. R. Love.

Cockerel.

1st Prem.....E. G. Roberts.
2nd Prem.....J. R. Love.

Hen.

1st Prem.....E. G. Roberts.
2nd Prem.....Hoyt & Doty.

Pullet.

1st Prem.....E. G. Roberts.
2nd Prem.....Hoyt & Doty.

ANNUAL REPORT OF THE

BUFF ORPINGTON.

Cock.

1st Prem.....	Hoyt & Doty.
2nd Prem.....	F. W. Niesman.

Hen.

1st Prem.....	Hoyt & Doty.
2nd Prem.....	F. W. Niesman.

Cockerel.

1st Prem.....	Robt. R. Kiesslich, Milwaukee, Wis.
2nd Prem.....	Hoyt & Doty.

Pullet.

1st Prem.....	F. W. Niesman Co.
2nd Prem.....	Robt. R. Kiesslich.

WHITE OR BLACK LANGSHAN.

Cock.

1st Prem.....	Hoyt & Doty.
2nd Prem.....	E. G. Roberts.
3rd Prem.....	B. S. Beckington.

Cockerel.

1st Prem.....	Frank R. Austerman.
2nd Prem.....	B. S. Beckington.
3rd Prem.....	Geo. Cooke.

Hen.

1st Prem.....	Geo. Cooke.
2nd Prem.....	Frank R. Austerman.
3rd Prem.....	E. G. Roberts.

Pullet.

1st Prem.....	Geo. Cooke.
2nd Prem.....	E. G. Roberts.
3rd Prem.....	B. S. Beckington.

DARK BRAHMA.

Cock.

- 1st Prem. E. G. Roberts.
- 2nd Prem. F. W. Niesman Co.
- 3rd Prem. J. R. Love.

Cockerel.

- 1st Prem. J. R. Love.
- 2nd Prem. J. R. Love.
- 3rd Prem. John Conrad, West Allis, Wis.

Hen.

- 1st Prem. F. W. Niesman Co.
- 2nd Prem. E. G. Roberts.
- 3rd Prem. J. R. Love.

Pullet.

- 1st Prem. John Conrad.
- 2nd Prem. John Conrad.
- 3rd Prem. John Conrad.

LIGHT BRAHMA.

Cock.

- 1st Prem. J. L. Nowak, Milwaukee, Wis.
- 2nd Prem. F. W. Niesman Co.
- 3rd Prem. Hoyt & Doty.

Cockerel.

- 1st Prem. J. R. Love.
- 2nd Prem. F. W. Niesman Co.
- 3rd Prem. J. R. Love.

Hen.

- 1st Prem. J. R. Love.
- 2nd Prem. J. R. Love.
- 3rd Prem. J. R. Love.

ANNUAL REPORT OF THE

Pullet.

1st Prem.....	J. R. Love.
2nd Prem.....	F. W. Niesman Co.
3rd Prem.....	J. R. Love.

 BUFF COCHIN.

Cock.

1st Prem.....	Geo. W. Tulenz, Milwaukee, Wis.
2nd Prem.	E. G. Roberts.
3rd Prem.	E. G. Roberts.

Cockerel.

1st Prem.....	E. G. Roberts.
2nd Prem.....	Hoyt & Doty.
3rd Prem.....	Krause Bros., Milwaukee, Wis.

Hen.

1st Prem.	Krause Bros.
2nd Prem.	E. G. Roberts.
3rd Prem.	E. G. Roberts.

Pullet.

1st Prem.....	Hoyt & Doty.
2nd Prem.....	Krause Bros.
3rd Prem.....	F. W. Niesman Co.

 PARTRIDGE COCHIN.

Cock.

1st Prem.....	E. G. Roberts.
2nd Prem.....	F. W. Niesman Co.
3rd Prem.....	Mrs. V. M. Stewart, West Allis, Wis.

Cockerel.

1st Prem. John Conrad.
2nd Prem. John Conrad.
3rd Prem. Mrs. V. M. Stewart.

Hen.

1st Prem. E. G. Roberts.
2nd Prem. Mrs. V. M. Stewart.
3rd Prem. John Conrad.

Pullet.

1st Prem. E. G. Roerts.
2nd Prem. E. G. Roberts.
3rd Prem. John Conrad.

WHITE COCHIN.

Cock.

1st Prem. Hoyt & Doty.
2nd Prem. F. W. Niesman.

Cockerel.

1st Prem. Geo. W. Tulenz.
2nd Prem. E. G. Roberts.

Hen.

1st Prem. E. G. Roberts
2nd Prem. Hoyt & Doty.

Pullet.

1st Prem. E. G. Roberts.
2nd Prem. Geo. W. Tulenz.

BLACK COCHIN.

Cock.

1st Prem.....E. G. Roberts.
 2nd Prem.....Hoyt & Doty.

Cockerel.

1st Prem.....John Conrad.
 2nd Prem.....Hoyt & Doty.

Hen.

1st Prem.....Hoyt & Doty.
 2nd Prem.....E. G. Roberts.

Pullet.

1st Prem.....John Conrad.
 2nd Prem.....Hoyt & Doty.

BLUE ANDALUSIAN.

Cock.

1st Prem.....E. G. Roberts.
 2nd Prem.....B. S. Beckington.

Cockerel.

1st Prem.....E. G. Roberts.
 2nd Prem.....B. S. Beckington.

Hen.

1st Prem.....E. G. Roberts.
 2nd Prem.....B. S. Beckington.

Pullet.

1st Prem.....E. G. Roberts.
 2nd Prem.....Hoyt & Doty.

SINGLE COMB BROWN LEGHORN.

Cock.

- 1st Prem..... Hoyt & Doty.
- 2nd Prem..... F. W. Niesman Co.
- 3rd Prem..... E. G. Roberts.

Cockerel.

- 1st Prem..... E. G. Roberts.
- 2nd Prem..... A. J. Klein, Campbellsport, Wis.
- 3rd Prem..... B. S. Beckington.

Hen.

- 1st Prem..... F. W. Niesman Co.
- 2nd Prem..... E. G. Roberts.
- 3rd Prem..... F. W. Niesman Co.

Pullet.

- 1st Prem..... E. G. Roberts.
- 2nd Prem..... A. J. Klein.
- 3rd Prem..... H. O. Sears, Garden Prairie, Ill.

ROSE COMB BROWN LEGHORN.

Cock.

- 1st Prem. John C. Schulz.
- 2nd Prem. John C. Schulz.
- 3rd Prem. Fred Alger, Waukau, Wis.

Cockerel.

- 1st Prem. John C. Schulz.
- 2nd Prem. John C. Schulz.
- 3rd Prem. Fred Alger.

Hen.

- 1st Prem. Fred Alger.
- 2nd Prem. Fred Alger.
- 3rd Prem. E. G. Roberts.

ANNUAL REPORT OF THE

Pullet.

1st Prem.	Fred Alger.
2nd Prem.	Fred Alger.
3rd Prem.	John C. Schulz.

SINGLE COMB WHITE LEGHORN.

Cock.

1st Prem.	Hoyt & Doty.
2nd Prem.	Geo. Cooke.
3rd Prem.	Geo. Cooke.

Cockerel.

1st Prem.	E. R. Adams, Waukesha, Wis.
2nd Prem.	F. W. Niesman Co.
3rd Prem.	Albert R. Zier, Watertown, Wis.

Hen.

1st Prem.	Geo. Cooke.
2nd Prem.	E. G. Roberts.
3rd Prem.	A. Robertson.

Pullet.

1st Prem.	Geo. Cooke.
2nd Prem.	Hoyt & Doty.
3rd Prem.	A. Robertson.

ROSE COMB WHITE LEGHORN.

Cock.

1st Prem.	F. W. Niesman Co.
2nd Prem.	E. G. Roberts.
3rd Prem.	F. W. Niesman Co.

Cockerel.

1st Prem.....	E. G. Roberts.
2nd Prem.....	B. S. Beckington.
3rd Prem.....	E. G. Roberts.

Hen.

1st Prem.....	Hoyt & Doty.
2nd Prem.....	F. W. Niesman.
3rd Prem.....	E. G. Roberts.

Pullet.

1st Prem.....	E. G. Roberts.
2nd Prem.....	E. G. Roberts.
3rd Prem.....	B. S. Beckington.

BLACK LEGHORN.

Cock.

1st Prem.....	E. G. Roberts.
2nd Prem.....	E. G. Roberts.
3rd Prem.....	F. W. Niesman Co.

Cockerel.

1st Prem.....	Albert R. Zier.
2nd Prem.....	E. G. Roberts.
3rd Prem.....	E. G. Roberts.

Hen.

1st Prem.....	E. G. Roberts.
2nd Prem.....	E. G. Roberts.
3rd Prem.....	F. W. Niesman Co.

Pullet.

1st Prem.....	E. G. Roberts.
2nd Prem.....	E. G. Roberts.
3rd Prem.....	F. W. Niesman Co.

ANNUAL REPORT OF THE

BLACK MINORCAS.

Cock.

1st Prem.....	H. T. Seeman, Wauwatosa, Wis.
2nd Prem.....	H. T. Seeman.

Cockerel.

1st Prem.....	H. T. Seeman.
2nd Prem.....	E. G. Roberts.

Hen.

1st Prem.....	H. T. Seeman.
2nd Prem.....	H. F. Crandall, Milwaukee, Wis.

Pullet.

1st Prem.....	H. T. Seeman.
2nd Prem.....	F. W. Niesman Co.

SINGLE COMB WHITE MINORCAS.

Cock.

1st Prem.....	E. G. Roberts.
2nd Prem.....	H. O. Sears.

Cockerel.

1st Prem.....	H. O. Sears.
2nd Prem.....	E. G. Roberts.

Hen.

1st Prem.....	E. G. Roberts.
2nd Prem.....	H. O. Sears.

Pullet.

1st Prem.....	E. G. Roberts.
2nd Prem.....	H. O. Sears.

WHITE FACED BLACK SPANISH.

Cock.

1st Prem.....Hoyt & Doty.
 2nd Prem.....F. W. Niesman Co.

Cockerel.

1st Prem.....H. O. Sears.
 2nd PremHoyt & Doty.

Hen.

1st Prem.....Hoyt & Doty.
 2nd PremHoyt & Doty.

Pullet.

1st Prem.....Hoyt & Doty.
 2nd PremHoyt & Doty.

HOUDAN.

Cock.

1st Prem.....Hoyt & Doty.
 2nd Prem.....E. G. Roberts.

Cockerel.

1st Prem.....S. S. Rich, Horicon, Wis.
 2nd Prem.....S. S. Rich.

Hen.

1st Prem.....E. G. Roberts.
 2nd PremHoyt & Doty.

Pullet.

1st Prem.....S. S. Rich.
 2nd Prem.....E. G. Roberts.

WHITE POLISH.

Cock.

1st Prem.....	Hoyt & Doty.
2nd Prem.....	E. G. Roberts.

Cockerel.

1st Prem.....	Hoyt & Doty.
2nd Prem.....	E. G. Roberts.

Hen.

1st Prem.....	E. G. Roberts.
2nd Prem.....	F. W. Niesman Co.

Pullet.

1st Prem.....	Hoyt & Doty.
2nd Prem.....	E. G. Roberts.

WHITE CRESTED BLACK POLISH.

Cock.

1st Prem.....	F. W. Niesman Co.
2nd Prem.....	E. G. Roberts.

Cockerel.

1st Prem.....	E. G. Roberts.
2nd Prem.....	F. W. Niesman Co.

Hen.

1st Prem.....	F. W. Niesman Co.
2nd Prem.....	F. W. Niesman Co.

Pullet.

1st Prem.....	E. G. Roberts.
2nd Prem.....	E. G. Roberts.

SILVER POLISH.

Cock.

1st Prem.....F. W. Niesman Co.
2nd Prem.....Hoyt & Doty.

Cockerel.

1st Prem.....E. G. Roberts.
2nd Prem.....E. G. Roberts.

Hen.

1st Prem.....E. G. Roberts.
2nd Prem.....E. G. Roberts.

Pullet.

1st Prem.....E. G. Roberts.
2nd Prem.....E. G. Roberts.

GOLDEN POLISH.

Cock.

1st Prem.....Hoyt & Doty.
2nd Prem.....Hoyt & Doty.

Cockerel.

1st Prem.....E. G. Roberts.
2nd Prem.....E. G. Roberts.

Hen.

1st Prem.....E. G. Roberts.
2nd Prem.....E. G. Roberts.

Pullet.

1st Prem.....E. G. Roberts.
2nd Prem.....E. G. Roberts.

ANNUAL REPORT OF THE

BLACK HAMBURG.

Cock.

1st Prem.....Hoyt & Doty.
 2nd Prem.....E. G. Roberts.

Cockerel.

1st Prem.....F. W. Niesman Co.
 2nd Prem.....E. G. Roberts.

Hen.

1st Prem.....Hoyt & Doty.
 2nd Prem.....E. G. Roberts.

Pullet.

1st Prem.....Hoyt & Doty.
 2nd Prem.....F. W. Niesman Co.

SILVER SPANGLED HAMBURG.

Cock.

1st Prem.....S. S. Rich.
 2nd Prem.....E. G. Roberts.

Cockerel.

1st Prem.....S. S. Rich.
 2nd Prem.....S. S. Rich.

Hen.

1st Prem.....S. S. Rich.
 2nd Prem.....E. G. Roberts.

Pullet.

1st Prem.....S. S. Rich.
 2nd Prem.....S. S. Rich.

SILVER PENCILED HAMBURG.

Cock.

1st Prem.....Hoyt & Doty.

Cockerel.

1st Prem.....Hoyt & Doty.

Hen.

1st Prem.....E. G. Roberts.

2nd Prem.....Hoyt & Doty.

Pullet.

1st Prem.....Hoyt & Doty.

GOLDEN SPANGLED HAMBURG.

Cock.

1st Prem.....Hoyt & Doty.

2nd Prem.....E. G. Roberts.

Cockerel.

1st Prem.....E. G. Roberts.

2nd Prem.....E. G. Roberts.

Hen.

1st Prem.....Hoyt & Doty.

2nd Prem.....E. G. Roberts.

Pullet.

1st Prem.....E. G. Roberts.

2nd Prem.....E. G. Roberts.

GOLDEN PENCILED HAMBURG.

Cock.

1st Prem.....E. G. Roberts.
 2nd Prem.....Hoyt & Doty.

Cockerel.

1st Prem.....E. G. Roberts.
 2nd Prem.....E. G. Roberts.

Hen.

1st Prem.....E. G. Roberts.
 2nd Prem.....E. G. Roberts.

 BROWN RED GAME.

Cockerel.

2nd Prem.....Henry Hartkopf, Milwaukee, Wis.

Hen.

1st Prem.....B. S. Beckington.
 2nd Prem.....Henry Hartkopf.

Pullet.

2nd Prem.....Henry Hartkopf.

 CORNISH INDIAN GAME.

Cock.

1st Prem.....A. M. Schulz, Milwaukee, Wis.
 2nd Prem.....Hoyt & Doty.

Cockerel.

1st Prem.....A. M. Schulz.
 2nd Prem.....A. M. Schulz.

Hen.

- 1st Prem.....Jos. P. Allyn, Delavan, Wis.
- 2nd Prem.....Hoyt & Doty.

Pullet.

- 1st Prem.....A. M. Schulz.
- 2nd Prem.....A. M. Schulz.

RED PYLE GAME.

Cock.

- 1st Prem.....F. W. Niesman Co.
- 2nd Prem.....Hoyt & Doty.

Hen.

- 1st Prem.....F. W. Niesman Co.
- 2nd Prem.....B. S. Beckington.

Pullet.

- 1st Prem.....Hoyt & Doty.
- 2nd Prem.....E. G. Roberts.

BLACK BREASTED GAME.

Cock.

- 1st Prem.....F. W. Niesman Co.
- 2nd Prem.....B. S. Beckington.

Cockerel.

- 1st Prem.....B. S. Beckington.
- 2nd Prem.....F. W. Niesman Co.

ANNUAL REPORT OF THE

Hen.

1st Prem.....	Hoyt & Doty.
2nd Prem.....	F. W. Niesman Co.

Pullet.

1st Prem.....	B. S. Beckington.
2nd Prem.....	F. W. Niesman Co.

 WHITE INDIAN GAME.

Cock.

1st Prem.....	E. G. Roberts.
2nd Prem.....	Hoyt & Doty.

Cockerel.

1st Prem.....	Jos. P. Allyn.
2nd Prem.....	Hoyt & Doty.

Hen.

1st Prem.....	E. G. Roberts.
2nd Prem.....	Jos. P. Allyn.

Pullet.

1st Prem.....	Hoyt & Doty.
2nd Prem.....	Hoyt & Doty.

 GOLDEN DUCKWING GAME.

Hen.

1st Prem.....	Hoyt & Doty.
2nd Prem.....	E. G. Roberts.

SILVER DUCKWING GAME.

Cock.

1st Prem.....E. G. Roberts.
2nd Prem.....Hoyt & Doty.

Hen.

1st Prem.....Hoyt & Doty.
2nd Prem.....Hoyt & Doty.

SILVER SEABRIGHT BANTAM.

Cock.

1st Prem.....F. W. Niesman.
2nd Prem.....H. O. Sears.

Cockerel.

1st Prem.....Fred Y. Parfrey, Richland Center, Wis.
2nd Prem.....Hoyt & Doty.

Hen.

1st Prem.....E. G. Roberts.
2nd Prem.....Pasbrig Bros.

Pullet.

1st Prem.....Fred Y. Parfrey.
2nd Prem.....Fred Y. Parfrey.

GOLDEN SEABRIGHT BANTAM.

Cock.

1st Prem.....E. G. Roberts.
2nd Prem.....Hoyt & Doty.

Cockerel.

1st Prem.....Fred Y. Parfrey.
2nd Prem.....F. W. Niesman Co.

ANNUAL REPORT OF THE

Hen.

1st Prem.....E. G. Roberts.
 2nd Prem.....John C. Schulz.

Pullet.

1st Prem.....Fred Y. Parfrey.
 2nd Prem.....Fred Y. Parfrey.

 SILVER DUCKWING BANTAM.

Cock.

1st Prem.....Boots & Stier, Sussex, Wis.
 2nd Prem.....F. W. Niesman Co.

Cockerel.

1st Prem.....Boots & Stier.

Hen.

1st Prem.....Fred Y. Parfrey.
 2nd Prem.....Boots & Stier.

Pullet.

1st Prem.....Fred Y. Parfrey
 2nd Prem.....Boots & Stier

 BLACK BREASTED RED GAME BANTAM.

Cock.

1st Prem.....Fred Y. Parfrey.
 2nd Prem.....E. G. Roberts.

Cockerel.

1st Prem.....E. G. Roberts
 2nd Prem.....Fred Y. Parfrey.

Hen.

1st Prem.....E. G. Roberts.
2nd Prem.....Fred Y. Parfrey.

Pullet.

1st Prem.....Hoyt & Doty.
2nd Prem.....Fred Y. Parfrey.

PYLE GAME BANTAM.

Cock.

1st Prem.....Fred Y. Parfrey.
2nd Prem.....Fred Y. Parfrey.

Cockerel.

1st Prem.....Hoyt & Doty.
2nd Prem.....Fred Y. Parfrey.

Hen.

1st Prem.....Pasbrig Bros.
2nd Prem.....Hoyt & Doty.

Pullet.

1st Prem.....E. G. Roberts.
2nd Prem.....Fred Y. Parfrey.

BROWN RED GAME BANTAM.

Cock.

1st Prem.....Hoyt & Doty.
2nd Prem.....Boots & Stier

Cockerel.

1st Prem.....Fred Y. Parfrey.
2nd Prem.....Fred Y. Parfrey.

Hen.

1st Prem.....	Hoyt & Doty.
2nd Prem.....	Fred Y. Parfrey.

Pullet.

1st Prem.....	Fred Y. Parfrey.
2nd Prem.....	Fred Y. Parfrey.

 GOLDEN DUCKWING BANTAM.

Cock.

1st Prem.....	Boots & Stier.
2nd Prem.....	Fred Y. Parfrey.

Cockerel.

1st Prem.....	E. G. Roberts.
2nd Prem.....	Fred Y. Parfrey.

Hen.

1st Prem.....	Fred Y. Parfrey.
2nd Prem.....	E. G. Roberts.

Pullet.

1st Prem.....	Fred Y. Parfrey.
2nd Prem.....	E. G. Roberts.

 WHITE GAME BANTAM.

Cock.

1st Prem.....	Hoyt & Doty.
2nd Prem.....	Fred Y. Parfrey.

Cockerel.

1st Prem.....	Hoyt & Doty.
2nd Prem.....	Fred Y. Parfrey.

Hen.

- 1st Prem.....Fred Y. Parfrey.
- 2nd Prem.....E. G. Roberts.

Pullet.

- 1st Prem.....Hoyt & Doty.
- 2nd Prem.....Hoyt & Doty.

PARTRIDGE COCHIN BANTAM.

Cock.

- 1st Prem.....E. G. Roberts.
- 2nd Prem.....E. G. Roberts.

Cockerel.

- 1st Prem.....E. G. Roberts.

Hen.

- 1st Prem.....E. G. Roberts.
- 2nd Prem.....E. G. Roberts.

Pullet.

- 1st Prem.....E. G. Roberts.
- 2nd Prem.....E. G. Roberts.

BUFF COCHIN BANTAM.

Cock.

- 1st Prem.....Boots & Stier.
- 2nd Prem.....O. J. Bedard.

Cockerel.

- 1st Prem.....Erwin Engleman, Milwaukee, Wis.
- 2nd Prem.....Erwin Engleman.

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Hen.

1st Prem.....	Erwin Engleman.
2nd Prem.....	E. G. Roberts.

Pullet.

1st Prem.	Erwin Engleman.
2nd Prem.	Erwin Engleman.

 WHITE COCHIN BANTAM.

Cock.

1st Prem.....	Erwin Engleman.
2nd Prem.....	E. G. Roberts.

Cockerel.

1st Prem.....	E. G. Roberts.
2nd Prem.....	Hoyt & Doty.

Hen.

1st Prem.....	Erwin Engleman.
2nd Prem.	Erwin Engleman.

Pullet.

1st Prem.....	E. G. Roberts.
2nd Prem.....	Boots & Stier.

 BLACK COCHIN BANTAM.

Cock.

1st Prem.	E. G. Roberts.
2nd Prem.	Hoyt & Doty.

Cockerel.

1st Prem.	E. G. Roberts.
2nd Prem.....	E. G. Roberts.

Hen.

1st Prem. E. G. Roberts.
 2nd Prem. F. W. Niesman Co.

Pullet.

1st Prem. E. G. Roberts.
 2nd Prem. E. G. Roberts.

BLACK ROSE COMB BANTAM.

Cock.

1st Prem. Jos. P. Allyn.
 2nd Prem. True White Poultry Yards.

Cockerel.

1st Prem. E. G. Roberts.
 2nd Prem. E. G. Roberts.

Hen.

1st Prem. E. G. Roberts.
 2nd Prem. True White Poultry Yards

Pullet.

1st Prem. E. G. Roberts.

WHITE JAPANESE BANTAM.

Cock.

1st Prem. E. G. Roberts.

Cockerel.

1st Prem. E. G. Roberts.

Hen.

1st Prem.....E. G. Roberts.
 2nd Prem.....E. G. Roberts.

Pullet.

1st Prem.....E. G. Roberts.

BLACK TAILED JAPANESE BANTAM.

Cock.

1st Prem.....H. O. Sears.
 2nd Prem.....Boots & Stier.

Cockerel.

1st Prem.E. G. Roberts.
 2nd Prem.E. G. Roberts.

Hen.

1st Prem.Boots & Stier.
 2nd Prem.Boots & Stier.

Pullet.

1st Prem.E. G. Roberts.

LIGHT BRAHMA BANTAM.

Cock.

1st Prem.....Jos. P. Allyn.
 2nd Prem.....Hoyt & Doty.

Hen.

1st Prem.....Hoyt & Doty.

INDIAN GAME BANTAM.

Cock.

1st Prem. Boots & Stier.

Cockerel.

1st Prem. Boots & Stier.

Hen.

1st Prem. Boots & Stier.

Pullet.

1st Prem. Boots & Stier.

BIRCHEN GAME BANTAM.

Cock.

1st Prem. Fred Y. Parfrey.

2nd Prem. Boots & Stier.

Cockerel.

1st Prem. Boots & Stier.

2nd Prem. Boots & Stier.

Hen.

1st Prem. E. G. Roerts.

2nd Prem. Boots & Stier.

Pullet.

1st Prem. Fred Y. Parfrey.

2nd Prem. Fred Y. Parfrey.

SWEEPSTAKES.

American Breeds E. G. Roberts.

Asiatic Breeds E. G. Roberts.

TURKEYS—OLD BIRDS.

Bronze.

1st Prem.....F. W. Niesman Co.

Black.

1st Prem.....E. G. Roberts.

Slate.

1st Prem.....E. G. Roberts.

White Holland.

1st Prem.....F. W. Niesman Co.

Narragansett.

1st Prem.....E. G. Roberts.

Buff.

1st Prem.....E. G. Roberts.

TURKEYS—YOUNG BIRDS.

Bronze.

1st Prem.....Dawson Bros., Franksville, Wis.

Slate.

1st Prem.....E. G. Roberts.

White Holland.

1st Prem.....Jos. P. Allyn.

Narragansett.

1st Prem.....E. G. Roberts.

Buff.

1st Prem.....E. G. Roberts.

GEESE—OLD BIRDS.

Toulouse.

1st Prem.....Dawson Bros.
2nd Prem.....E. G. Roberts.

Embden.

1st Prem.....Hoyt & Doty.
2nd Prem.....Dawson Bros.

African.

1st Prem.....Dawson Bros.
2nd Prem.....Dawson Bros.

Wild.

1st Prem.....F. W. Niesman Co.
2nd Prem.....H. O. Sears.

Chinese White.

1st Prem.....Dawson Bros.
2nd Prem.....Hoyt & Doty.

Chinese Brown.

1st Prem.....Dawson Bros.
2nd Prem.....Dawson Bros.

GEESE—YOUNG BIRDS.

Toulouse.

1st Prem.....Dawson Bros.
2nd Prem.....Louis Pierron.

Embden.

1st Prem.....Dawson Bros.
2nd Prem.....Hoyt & Doty.

African.

1st Prem.....Dawson Bros.

Chinese White.

1st Prem..... Dawson Bros.

Chinese Brown.

1st Prem..... Jos. P. Allyn.

DUCKS—YOUNG BIRDS.

Pekin.

1st Prem..... Dawson Bros.

2nd Prem..... Dawson Bros.

Aylesbury.

1st Prem..... Dawson Bros.

2nd Prem..... F. W. Niesman Co.

Rouen.

1st Prem..... Dawson Bros.

2nd Prem..... E. G. Roberts.

Muscovy.

1st Prem..... Dawson Bros.

2nd Prem..... F. W. Niesman Co.

Cayuga.

1st Prem..... Dawson Bros.

2nd Prem..... E. G. Roberts.

East India.

1st Prem..... E. G. Roberts.

2nd Prem..... Hoyt & Doty.

Indian Runner.

1st Prem..... Dawson Bros.

2nd Prem..... E. G. Roberts.

DUCKS—YOUNG BIRDS.

Pekin.

- 1st Prem.....Dawson Bros.
- 2nd Prem.....Dawson Bros.

Aylesbury.

- 1st Prem.....H. O. Sears.
- 2nd Prem.....Dawson Bros.

Rouen.

- 1st Prem.....Dawson Bros.
- 2nd Prem.....Dawson Bros.

Muscovy.

- 1st Prem.....E. G. Roberts.
- 2nd Prem.....Jos. P. Allyn.

Cayuga.

- 1st Prem.....Dawson Bros.
- 2nd Prem.....E. G. Roberts.

East India.

- 1st Prem.....Pasbrig Bros.
- 2nd Prem.....E. G. Roberts.

Indian Runner.

- 1st Prem.....J. R. Love.
- 2nd Prem.....Dawson Bros.

Miscellaneous.

Guinea fowl, white or pearl.

- 1st Prem.....F. W. Niesman Co.
- 2nd Prem.....F. W. Niesman Co.

Pea fowl.

- 1st Prem.....E. G. Roberts.

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English pheasant.

1st Prem.....	Jos. P. Allyn.
2nd Prem.....	Hoyt & Doty.

BELGIAN OR REGISTERED HARES.

Buck, 1 year or over.

1st Prem.....	A. & T. Norenberg, Milwaukee, Wis.
2nd Prem.....	J. R. Love.

Doe, 1 year or over.

1st Prem.....	J. R. Love.
2nd Prem.....	A. & T. Norenberg.

Buck, over 6 months and under 1 year.

1st Prem.....	Jos. Volz, Wauwatosa, Wis.
2nd Prem.....	J. R. Love.

Doe, over 6 months and under 1 year.

1st Prem.....	Jos. Volz.
2nd Prem.....	A. & T. Norenberg.

Doe, with litter.

1st Prem.....	W. A. Thomas, West Allis, Wis.
2nd Prem.....	Jos. Volz.

PIGEON DEPARTMENT.

SINGLE BIRDS—OLD.

CARRIERS.

Black cock.

1st Prem.....Chas. Jensch, Chicago, Ill.
2nd Prem.....Geo. Ewald, Cincinnati, Ohio.

Dun cock.

1st Prem.....Chas. Jensch.

White cock.

1st Prem.....Chas. Jensch.

Any other color cock.

1st Prem.....Chas. Jensch.

Black hen.

1st Prem.....Geo. Ewald.
2nd Prem.....Chas. Jensch.

Dun hen.

1st Prem.....Chas. Jensch.

White hen.

1st Prem.....Chas. Jensch.

Any other color hen.

1st Prem.....Chas. Jensch.

POUTERS.

Black pied cock.

1st Prem.....Wagner Bros., Chicago, Ill.
2nd Prem.....Wagner Bros.

Blue pied cock.

1st Prem.....	Wagner Bros.
2nd Prem.....	Wagner Bros.

Red pied cock.

1st Prem.....	Wagner Bros.
2nd Prem.....	Wagner Bros.

Yellow pied cock.

1st Prem.....	Wagner Bros.
2nd Prem.....	Wagner Bros.

White cock.

1st Prem.....	Wagner Bros.
2nd Prem.....	Hoyt & Doty.

Any other color cock.

1st Prem.....	Wagner Bros.
2nd Prem.....	Wagner Bros.

Black pied hen.

1st Prem.....	Wagner Bros.
2nd Prem.....	Wagner Bros.

Blue pied hen.

1st Prem.....	Wagner Bros.
2nd Prem.....	Wagner Bros.

Red pied hen.

1st Prem.....	Wagner Bros.
2nd Prem.....	Wagner Bros.

Yellow pied hen.

1st Prem.....	Wagner Bros.
2nd Prem.....	Wagner Bros.

White hen.

1st Prem.....	Wagner Bros.
2nd Prem.....	Wagner Bros.

Any other color hen.

1st Prem.....	Wagner Bros.
2nd Prem.....	Wagner Bros.

POUTERS—PIGMIES.

Black cock.
1st Prem.....Geo. Ewald.

Blue cock.
1st Prem.....Geo. Ewald.

White cock.
1st Prem.....Geo. Ewald.

Any other color cock.
1st Prem.....Geo. Ewald.

Black hen.
1st Prem.....Geo. Ewald.

Blue hen.
1st Prem.....Geo. Ewald.

White hen.
1st Prem.....Geo. Ewald.

Any other color hen.
1st Prem.....Geo. Ewald.

BRUNNER POUTERS.

Blue cock.
1st Prem.....Geo. Ewald.

Black cock.
1st Prem.....Geo. Ewald.
2nd Prem.....Herman Kretschmer, Chicago, Ill.

Any other color cock.
1st Prem.....William Korb, Milwaukee, Wis.
2nd Prem.....William Korb.

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blue hen.

1st Prem.....Geo. Ewald.

Black hen.

1st Prem.....Geo. Ewald.

2nd Prem.....Herman Kretschmer.

Any other color hen.

1st Prem.....William Korb.

2nd Prem.....William Korb.

 SADDLE-BACK FANTAILS.

Black cock.

1st Prem.....J. P. Heer, Milwaukee, Wis.

Any other color cock.

1st Prem.....Geo. Ewald.

Any other color hen.

1st Prem.....Geo. Ewald.

 TAIL-COLORED FANTAILS.

Any color cock.

1st Prem.....Albert T. Keipper, Milwaukee, Wis.

Any color hen.

1st Prem.....J. P. Heer

2nd Prem.....Albert T. Keipper.

FANTAILS—PLAIN.

Black cock.

1st Prem.....Albert T. Keipper.
2nd Prem.....Geo. Ewald.

Blue cock.

1st Prem.....Albert T. Keipper.
2nd Prem.....Geo. Ewald.

Red cock

1st Prem.....Mrs. Albert T. Keipper, Milwaukee, Wis.
2nd Prem.....Geo. Ewald.

Yellow cock.

1st Prem.....Geo. Ewald.
2nd Prem.....Albert T. Keipper.

White cock.

1st Prem.....J. F. Heer.
2nd Prem.....O. J. Bedard, Bangor, Mich.

Any other color cock.

1st Prem.....Albert T. Keipper.
2nd Prem.....J. P. Hear.

Black hen.

1st Prem.....Geo. Ewald.
2nd Prem.....Albert T. Keipper.

Blue hen.

1st Prem.....Geo. Ewald.
2nd Prem.....J. P. Heer.

Red hen.

1st Prem.....Geo. Ewald.
2nd Prem.....Mrs. Albert T. Keipper.

Yellow hen.

1st Prem.....Geo. Ewald.
2nd Prem.....Albert T. Keipper.

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White hen.

1st Prem.....Geo. Ewald.
 2nd Prem.....O. J. Bedard.

Any other color hen.

1st Prem.....Albert T. Keipper.

 RUSSIAN TRUMPETERS.

Black cock.

1st Prem.....Isabel Jansen, Milwaukee, Wis.
 2nd Prem.....Isabel Jansen.

White cock.

1st Prem.....Isabel Jansen.
 2nd Prem.....Isabel Jansen.

Any other color cock.

1st Prem.....Isabel Jansen.

Black hen.

1st Prem.....Isabel Jansen.
 2nd Prem.....Isabel Jansen.

White hen.

1st Prem.....Isabel Jansen.

Any other color hen.

1st Prem.....J. F. Roe, Milwaukee, Wis.

 MAGPIES.

Red cock.

1st Prem.....Geo. Ewald.
 2nd Prem.....F. W. Niesman Co., Freeport, Ill.

Yellow cock.

1st Prem.....Geo. Ewald.
2nd Prem.....Albert T. Keipper.

Black cock.

1st Prem.....Geo. Ewald.
2nd Prem.....Albert T. Keipper.

Blue cock.

1st Prem.....Geo. Ewald.
2nd Prem.....Albert T. Keipper.

Any other color cock.

1st Prem.....Geo. Ewald.

Red hen.

1st Prem.....Geo. Ewald.
2nd Prem.....Albert T. Keipper.

Yellow hen.

1st Prem.....Geo. Ewald.
2nd Prem.....Albert T. Keipper.

Black hen.

1st Prem.....Hoyt & Doty, Whitewater, Wis.
2nd Prem.....Geo. Ewald.

Blue hen.

1st Prem.....Geo. Ewald.
2nd Prem.....Albert T. Keipper.

Any other color hen.

1st Prem.....Geo. Ewald.
2nd Prem.....Albert T. Keipper.

PIGEONS SHOWN IN PAIRS.

BARBS.

Red.

1st Prem.....Herman Vanselow, Milwaukee, Wis.
 2nd Prem.....Herman Vanselow.

Black.

1st Prem.....Herman Vanselow.
 2nd Prem.....Herman Vanselow.

Any other color.

1st Prem.....Herman Vanselow.
 2nd Prem.....Herman Vanselow.

 JACOBINS.

Red.

1st Prem.....John A. Koenig, Milwaukee, Wis.
 2nd Prem.....John A. Koenig.

Yellow.

1st Prem.....John A. Koenig.
 2nd Prem.....John A. Koenig.

Black.

1st Prem.....J. P. Heer.
 2nd Prem.....J. P. Heer.

White.

1st Prem.....John A. Koenig.
 2nd Prem.....John A. Koenig.

Any other color.

1st Prem.....John A. Koenig.

ORIENTAL FRILLS.

Blondinettes—Blue lace.

- 1st Prem.....J. F. Roe.
- 2nd Prem.....Geo. Ewald.

Blondinettes—Black lace.

- 1st Prem.....Herman Vanselow.
- 2nd Prem.....Herman Vanselow.

Blondinettes—Blue bow.

- 1st Prem.....Herman Vanselow.

Satinettes.

- 1st Prem.....Herman Vanselow.
- 2nd Prem.....Geo. Ewald.

Bluettes.

- 1st Prem.....Geo. Ewald.
- 2nd Prem.....Herman Vanselow.

Any other color.

- 1st Prem.....Herman Vanselow.
- 2nd Prem.....Herman Vanselow.

TURBITS—WING.

Red.

- 1st Prem.....Thos. McCauley, Chicago, Ill.
- 2nd Prem.....Geo. Ewald.

Yellow.

- 1st Prem.....Geo. Ewald.
- 2nd Prem.....Thos. McCauley.

Black.

- 1st Prem.....Geo. Ewald.
- 2nd Prem.....Thos. McCauley.

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Blue.

1st Prem.....	Geo. Ewald.
2nd Prem.....	Geo. Ewald.

Any other color.

1st Prem.....	Thos. McCauley.
2nd Prem.....	Geo. Ewald.

ENGLISH TRUMPETERS.

Black.

1st Prem.....	A. M. Fiebrantz, Milwaukee, Wis.
2nd Prem.....	A. M. Fiebrantz.

Blue.

1st Prem.....	A. M. Fiebrantz.
2nd Prem.....	A. M. Fiebrantz.

Mottled.

1st Prem.....	A. M. Fiebrantz.
2nd Prem.....	A. M. Fiebrantz.

Brunswick or bald head.

1st Prem.....	A. M. Fiebrantz.
2nd Prem.....	A. M. Fiebrantz.

Any other color.

1st Prem.....	Herman Vanselow.
2nd Prem.....	A. M. Fiebrantz.

SHORT-FACED TUMBLERS.

Almond.

1st Prem.....	Mrs. R. B. Dobrogowski, Milwaukee, Wis.
2nd Prem.....	Mrs. R. B. Dobrogowski.

Red.

1st Prem.....Mrs. R. B. Dobrogowski.
2nd Prem.....Mrs. R. B. Dobrogowski.

Mottled.

1st Prem.....Mrs. R. B. Dobrogowski.
2nd Prem.....Mrs. R. B. Dobrogowski.

Kite.

1st Prem.....Mrs. R. B. Dobrogowski.
2nd Prem.....A. Williamson, Milwaukee, Wis.

Any other color.

1st Prem.....Mrs. R. B. Dobrogowski.
2nd Prem.....Mrs. R. B. Dobrogowski.

LONG-FACED TUMBLERS.

(Clean Legged.)

Red.

1st Prem.....R. B. Dobrogowski, Milwaukee, Wis.
2nd Prem.....A. Williamson.

Black.

1st Prem.....A. Williamsen.
2nd Prem.....R. B. Dobrogowski.

White.

1st Prem.....A. Williamsen.
2nd Prem.....R. B. Dobrogowski.

Yellow.

1st Prem.....A. Williamsen.
2nd Prem.....R. B. Dobrogowski.

Red mottled.

1st Prem.....A. Williamsen.
2nd Prem.....A. Williamsen.

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Any other color.

1st Prem.....	R. B. Dobrogowski.
2nd Prem.....	A. Williamsen.

LONG-FACED TUMBLERS.

(Muffled.)

Silver.

1st Prem.....	R. B. Dobrogowski.
2nd Prem.....	R. B. Dobrogowski.

Red.

1st Prem.....	R. B. Dobrogowski.
2nd Prem.....	C. Williamsen, Milwaukee, Wis.

Yellow.

1st Prem.....	R. B. Dobrogowski.
2nd Prem.....	C. Williamsen.

Black.

1st Prem.....	C. Williamsen.
2nd Prem.....	R. B. Dobrogowski.

Blue.

1st Prem.....	R. B. Dobrogowski.
2nd Prem.....	R. B. Dobrogowski.

White.

1st Prem.....	R. B. Dobrogowski.
2nd Prem.....	C. Williamsen.

Red mottled or rose-wing.

1st Prem.....	C. Williamsen.
2nd Prem.....	C. Williamsen.

Yellow mottled or rose-wing.

- 1st Prem.....C. Williamsen.
- 2nd Prem.....R. B. Dobrogowski.

Black mottled or rose wing.

- 1st Prem.....C. Williamsen.
- 2nd Prem.....C. Williamsen.



BALD-HEAD TUMBLERS.

Black.

- 1st Prem.....A. Williamsen.
- 2nd Prem.....R. B. Dobrogowski.

Red.

- 1st Prem.....R. B. Dobrogowski.
- 2nd Prem.....R. B. Dobrogowski.

Yellow.

- 1st Prem.....A. Williamsen.
- 2nd Prem.....A. B. Dobrogowski.

Any other color.

- 1st Prem.....R. B. Dobrogowski.
- 2nd Prem.....Herman Vanselow.



SADDLES.

Blue.

- 1st Prem.....C. Williamsen.
- 2nd Prem.....R. B. Dobrogowski

Black.

- 1st Prem.....R. B. Dobrogowski.
- 2nd Prem.....C. Williamsen.

ANNUAL REPORT OF THE

Red.

- 1st Prem.....R. B. Dobrogowski.
- 2nd Prem.....C. Williamsen.

Any other color.

- 1st Prem.....C. Williamsen.

BADGERS.

Black.

- 1st Prem.....C. Williamsen.
- 2nd Prem.....C. Williamsen.

Any other color.

- 1st Prem.....C. Williamsen.

MOOREHEAD TUMBLERS.

Black.

- 1st Prem.....R. B. Dobrogowski.
- 2nd Prem.....R. B. Dobrogowski.

Any other color.

- 1st Prem.....B. B. Dobrogowski.
- 2nd Prem.....C. Williamsen.

TIPLERS.

Dark Mottled.

- 1st Prem.....J. P. Heer.

Light Mottled.

- 1st Prem.....Joe Barta, Jr., Milwaukee, Wis.
- 2nd Prem.....Joe Barta, Jr.

ENGLISH BEARDS.

Red.

1st Prem.....Mrs. R. B. Dobrogowski.
2nd Prem.....C. Williamsen.

Yellow.

1st Prem.....Mrs. R. B. Dobrogowski.
2nd Prem.....Geo. Ewald.

GERMAN BEARDS.

Blue.

1st Prem.....Herman Vanselow.

Any other color.

1st Prem.....Herman Vanselow.

BARLESS SWALLOWS.

Red.

1st Prem.....L. A. Jansen, Milwaukee, Wis.
2nd Prem.....L. A. Jansen.

Yellow.

1st Prem.....L. A. Jansen.
2nd Prem.....L. A. Jansen.

Black.

1st Prem.....L. A. Jansen.
2nd Prem.....L. A. Jansen.

Blue.

1st Prem.....L. A. Jansen.
2nd Prem.....L. A. Jansen.

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Any other color.

1st Prem.....	L. A. Jansen.
2nd Prem.....	L. A. Jansen.

FAIRY SWALLOWS.

Blue.

1st Prem.....	William Korb.
2nd Prem.....	L. A. Jansen.

Black.

1st Prem.....	William Korb.
2nd Prem.....	L. A. Jansen.

Red.

1st Prem.....	L. A. Jansen.
2nd Prem.....	L. A. Jansen.

Spangled.

1st Prem.....	L. A. Jansen.
2nd Prem.....	William Korb.

SWALLOWS WITH WHITE BARS.

Black.

1st Prem.....	Isabel Jansen.
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Blue.

1st Prem.....	Isabel Jansen.
2nd Prem.....	Isabel Jansen.

Any other color.

1st Prem.....	Isabel Jansen.
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FRILLBACKS.

White.

1st Prem.....Ed. Pasewalk, Wauwatosa, Wis.
2nd Prem.....Ed. Pasewalk.

ENGLISH OWLS.

Black.

1st Prem.....Geo. Ewald.
2nd Prem.....Geo. Ewald.

Blue.

1st Prem.....Geo. Ewald.
2nd Prem.....Geo. Ewald.

Silver.

1st Prem.....Geo. Ewald.
2nd Prem.....Geo. Ewald.

CHINESE OWLS.

Blue.

1st Prem.....E. Williamsen.
2nd Prem.....Geo. Ewald.

Silver.

1st Prem.....Geo. Ewald.
2nd Prem.....Geo. Ewald.

Any other color.

1st Prem.....Thos. McCauley.
2nd Prem.....E. Williamsen, Milwaukee, Wis.

AFRICAN OWLS.

Black.

1st Prem.....Geo. Ewald.
 2nd Prem.....Geo. Ewald.

Silver.

1st Prem.....Geo. Ewald.
 2nd Prem.....Geo. Ewald.

White.

1st Prem.....Herman Vanselow.
 2nd Prem.....E. Williamsen.

Any other color.

1st Prem.....Herman Vanselow.
 2nd Prem.....Geo. Ewald.

 TAIL-COLORED OWLS.

Black tails.

1st Prem.....Geo. Ewald.

Any other color.

1st Prem.....Geo. Ewald.

 DRAGONS.

Blue.

1st Prem.....H. C. Boers, Milwaukee, Wis.
 2nd Prem.....Herman Vanselow.

Yellow.

1st Prem.....W. Tegge, Milwaukee, Wis.
 2nd Prem.....H. C. Boers.

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Black.

1st Prem.....H. C. Boers.
2nd Prem.....Herman Vanselow.

White.

1st Prem.....W. C. Bolt, Milwaukee, Wis.
2nd Prem.....W. Tegge.

Red.

1st Prem.....W. C. Bolt.
2nd Prem.....Herman Vanselow.

Any other color.

1st Prem.....H. C. Boers.
2nd Prem.....W. C. Bolt.

HELMETS.

Red.

1st Prem.....J. P. Heer.
2nd Prem.....Peter Witteman, Milwaukee, Wis.

Yellow.

1st Prem.....J. P. Heer.
2nd Prem.....Peter Witteman.

Any other color.

1st Prem.....J. P. Heer.
2nd Prem.....Peter Witteman.

NUNS.

Red.

1st Prem.....Herman Vanselow.
2nd Prem.....T. H. Pasbrig, Milwaukee, Wis.

Yellow.

1st Prem.....T. H. Pasbrig.
 2nd Prem.....T. H. Pasbrig.

Black.

1st Prem.....Herman Vanselow.
 2nd Prem.....Herman Vanselow.

Any other color.

1st Prem.....Herman Vanselow.
 2nd Prem.....Herman Vanselow.

QUAKERS.

Red.

1st Prem.....T. H. Pasbrig.
 2nd Prem.....T. H. Pasbrig.

Any other color.

1st Prem.....Theo. Reuter, Milwaukee, Wis.
 2nd Prem.....Theo. Reuter.

SHOW HOMERS.

Blue checker.

1st Prem.....Geo. Ewald.
 2nd Prem.....Geo. Ewald.

Black checker.

1st Prem.....Geo. Ewald.

Red checker.

1st Prem.....Geo. Ewald.
 2nd Prem.....Geo. Ewald.

Any other color.

1st Prem.....Geo. Ewald.

FLYING HOMERS.

Blue.

1st Prem.....Ferdinand Vanselow, Milwaukee, Wis.

2nd Prem.....Max Staehle, Manitowoc, Wis.

Silver or Mealy.

1st Prem.....Max Staehle.

2nd Prem.....Ferdinand Vanselow.

White.

1st Prem.....Max Staehle.

2nd Prem.....Max Staehle.

Blue checker.

1st Prem.....Max Staehle.

2nd Prem.....Mrs. Albert T. Keipper.

Red checker.

1st Prem.....Joe DeGellecke, Milwaukee, Wis.

2nd Prem.....Ferdinand Vanselow.

Black checker.

1st Prem.....Herman Vanselow.

2nd Prem.....Mrs. Albert T. Keipper.

Any other color.

1st Prem.....True White Poultry Yds., Milwaukee, Wis.

2nd Prem.....Mrs. Albert T. Keipper.

MIXED CLASS.

Strassers.

1st Prem.....	Mrs. Albert T. Keipper.
2nd Prem.....	C. F. Chamberlain, Milwaukee, Wis.

Magpie Tumblers.

1st Prem.....	C. Williamsen.
2nd Prem.....	R. B. Dobrogowski.

Priests.

1st Prem.....	J. F. Roe.
2nd Prem.....	J. F. Roe.

Blue-black Barred Swallows.

1st Prem.....	Isabel Jansen.
2nd Prem.....	Isabel Jansen.

Starlings.

1st Prem.....	Walter Korb, Milwaukee, Wis.
2nd Prem.....	Geo. Ewald.

Scandaroons.

1st Prem.....	Herman Kretchmer.
2nd Prem.....	Herman Kretchmer.

Turbits—solid color.

1st Prem.....	Geo. Ewald.
2nd Prem.....	Geo. Ewald.

Tail Turbits.

1st Prem.....	Geo. Ewald.
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Archangels.

1st Prem.....	L. A. Jansen.
2nd Prem.....	Geo. Ewald.

High Flyers.

1st Prem.....	A. Williamsen.
2nd Prem.....	A. Williamsen.

Ice Pigeons.

1st Prem.....	Herman Kretschmer.
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Mooreheads.

1st Prem.....Theo. Reuter.
2nd Prem.....Walter Korb.

Shields.

1st Prem.....Walter Korb.
2nd Prem.....Chas. Jensch.

Tiger Swallows.

1st Prem.....Walter Korb.
2nd Prem.....Walter Korb.

Any single breed, not mentioned.

1st Prem.....Walter Korb.

YOUNG BIRDS IN PAIRS.

Show Homers.

1st Prem.....Geo. Ewald.
2nd Prem.....Geo. Ewald.

Flying Homers.

1st Prem.....Joe De Gellecke
2nd Prem.....Herman Vanselow.

Magpies.

1st Prem.....Herman Vanselow.
2nd Prem.....Geo. Ewald.

White Fantails.

1st Prem.....J. F. Heer.
2nd Prem.....Ferdinand Vanselow.

Colored Fantails.

1st Prem.....Mrs. Albert T. Keipper.

Swallows.

1st Prem.....Isabel Jansen.
2nd Prem.....Isabel Jansen.

Muffed Tumblers.

1st Prem.....	C. Williamsen.
2nd Prem.....	R. D. Dobrogowski.

Clean-legged Tumblers.

1st Prem.....	R. B. Dobrogowski.
2nd Prem.....	A. Williamsen.

Owls.

1st Prem.....	Geo. Ewald.
2nd Prem.....	Herman Vanselow.

White-barred Swallows.

1st Prem.....	Isabel Jansen.
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Fairy Swallows.

1st Prem.....	Isabel Jansen.
2nd Prem.....	Isabel Jansen.

Turbits.

1st Prem.....	Geo. Ewald.
2nd Prem.....	Geo. Ewald.

Russian Trumpeters.

1st Prem.....	Isabel Jansen.
2nd Prem.....	Isabel Jansen.

Jacobins.

1st Prem.....	J. P. Heer.
2nd Prem.....	John A. Koenig.

Dragons.

1st Prem.....	H. C. Boers.
2nd Prem.....	H. C. Boers.

Oriental Frills.

1st Prem.....	Herman Vanselow.
2nd Prem.....	Herman Vanselow.

Pouters.

1st Prem.....	Wagner Bros.
2nd Prem.....	Wagner Bros.

Short-faced Tumblers.

- 1st Prem.....R. B. Dobrogowski.
2nd Prem.....R. B. Dobrogowski.

English Trumpeters.

- 1st Prem.....A. M. Fiebrantz.
2nd Prem.....Herman Vanselow.

COOPS.

- 1st PremWagner Bros.
2nd Prem.....Theo. Reuter.
3rd Prem.....Mrs. John A. Koenig, Milwaukee Wis.
4th Prem.....J. F. Roe.
5th Prem.....Theo. Reuter.

AGRICULTURE.

Judges.

H. B. Drake, Beaver Dam.
Irving C. Smith, Green Bay.

GRAINS.

Winter Wheat.

- 1st Prem.....Gust Schreiber, Cleveland, Wis.
2nd Prem.....P. M. Schwartz, Waukesha, Wis.

Spring Wheat.

- 1st Prem.....R. E. Pilgrim, Milwaukee, Wis.
2nd Prem.....John Grape, Waukesha, Wis.

White Oats.

- 1st Prem.....William F. Pilgrim, Wauwatosa, Wis.
2nd Prem.....H. P. West, Ripon, Wis.

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Black Oats.

1st Prem.....A. L. Kleeber, Reedsburg, Wis.
 2nd Prem.....Gust Schreiber.

Bearded Barley.

1st Prem.....J. H. Pilgrim, Wauwatosa, Wis.
 2nd Prem.....Henry J. Schulte, Wauwatosa, Wis.

Beardless Barley.

1st Prem.....J. H. Pilgrim.
 2nd Prem.....H. P. West.

Spring Rye.

1st Prem.....John Hans, Jefferson, Wis.
 2nd Prem.....H. P. West.

Winter Rye.

1st Prem.....John Hans.
 2nd Prem.....H. P. West.

Japanese Buckwheat.

1st Prem.....H. P. West.
 2nd Prem.....J. H. Pilgrim.

Silver Hull Buckwheat.

1st Prem.....J. H. Pilgrim.
 2nd Prem.....John Hans.

American or Russian Flax.

1st Prem.....J. H. Pilgrim.
 2nd Prem.....William F. Pilgrim.

Timothy.

1st Prem.....H. P. West.
 2nd Prem.....Stiles Bros., Lake Mills, Wis.

Red Clover, medium.

1st Prem.....A. L. Kleeber.
 2nd Prem.....William F. Kleeber.

Red Clover, mammoth.

1st Prem.....H. P. West.

White Clover.

1st Prem.....J. H. Pilgrim.
2nd Prem.....H. P. West.

Alsike Clover.

1st Prem.....J. H. Pilgrim.
2nd Prem.....H. P. West.

Red Top.

1st Prem.....H. P. West.
2nd Prem.....J. H. Pilgrim.

German Millet.

1st Prem.....H. P. West.
2nd Prem.....Stiles Bros.

Hungarian Millet.

1st Prem.....H. P. West.
2nd Prem.....John Grape.

Extra Early Peas.

1st Prem.....J. H. Pilgrim.

Green Field Peas.

1st Prem.....John Grape.
2nd Prem.....J. H. Pilgrim.

White Field Peas.

1st Prem.....J. H. Pilgrim.
2nd Prem.....John Grape.

Late Wrinkled Peas.

1st Prem.....H. P. West.
2nd Prem.....J. H. Pilgrim.

Early Wrinkled Peas.

1st Prem.....John Grape.
2nd Prem.....Henry J. Schulte.

Navy Beans.

1st Prem.....John Grape.
2nd Prem.....H. P. West.

Any other field beans.

1st Prem.....	John Grape.
2nd Prem.....	A. L. Kleeber.

Wax Beans.

1st Prem.....	John Grape.
2nd Prem.....	Casper Olson, Genesee, Wis.

Lima Beans.

1st Prem.....	Casper Olson.
2nd Prem.....	J. H. Pilgrim.

White Dent Corn.

1st Prem.....	H. A. Main, Fort Atkinson, Wis.
2nd Prem.....	Kelly Bros., Mineral Point, Wis.

White Flint Corn.

1st Prem.....	J. H. Pilgrim.
2nd Prem.....	John Hans.

Yellow Dent Corn.

1st Prem.....	John Hans.
2nd Prem.....	Kelly Bros.

Yellow Flint Corn.

1st Prem.....	Stiles Bros.
2nd Prem.....	John Hans.

Sweet Early Corn.

1st Prem.....	F. J. Lindley, Fox Lake, Wis.
2nd Prem.....	John Grape.

Sweet Late corn.

1st Prem.....	John Grape.
2nd Prem.....	E. W. Ripley, Salem, Wis.

Pop Corn.

1st Prem.....	F. J. Lindley.
2nd Prem.....	Casper Olson

VEGETABLES.

Six Blood Beets, Turnip.

1st Prem.....John Grape.
2nd Prem.....Casper Olson.

Six Blood Beets, Long.

1st Prem.....Henry J. Schulte.
2nd Prem.....Casper Olson.

Three Long Red Mangolds.

1st Prem.....John Grape.
2nd Prem.....Henry J. Schulte.

Three Yellow Tankards.

1st Prem.....John Grape.
2nd Prem.....Casper Olson.

Peck Yellow Onions.

1st Prem.....D. E. Pilgrim, Wauwatosa, Wis.
2nd Prem.....William F. Pilgrim.

Peck Red Onions.

1st Prem.....William F. Pilgrim.
2nd Prem.....John Grape.

Peck White Onions.

1st Prem.....John Grape.
2nd Prem.....F. J. Lindley.

Six Drumhead Cabbages.

1st Prem.....Casper Olson.
2nd Prem.....John Grape.

Six Pointed Cabbages.

1st Prem.....F. J. Lindley.
2nd Prem.....John Grape.

Twelve Long Yellow Carrots.

1st Prem.....John Grape.
2nd Prem.....Casper Olson.

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Twelve Long White Carrots.

1st Prem.....	F. J. Lindley.
2nd Prem.....	Gust Schreiber.

Twelve Oxhart Carrots.

1st Prem.....	John Grape.
2nd Prem.....	Casper Olson.

Three Cauliflower heads.

1st Prem.....	William F. Pilgrim.
2nd Prem.....	D. T. Pilgrim, Wauwatosa, Wis.

Six Heads of Celery.

1st Prem.....	John Grape.
2nd Prem.....	Casper Olson.

Six Parsnips.

1st Prem.....	John Grape.
2nd Prem.....	F. J. Lindley.

Three Watermelons.

1st Prem.....	F. J. Lindley.
2nd Prem.....	Casper Olson.

Three Muskmelons.

1st Prem.....	D. T. Pilgrim.
2nd Prem.....	William F. Pilgrim.

Three Winter Squashes.

1st Prem.....	John Grape.
2nd Prem.....	F. J. Lindley.

Largest Squash.

1st Prem.....	F. J. Lindley.
2nd Prem.....	F. J. Lindley.

Largest Pumpkin.

1st Prem.....	Henry J. Schulte.
2nd Prem.....	F. J. Lindley.

Peck Tomatoes.

1st Prem.....	Casper Olson.
2nd Prem.....	John Grape.

Six Flat Turnips.

1st Prem.....F. J. Lindley.
2nd Prem.....John Grape.

Six Rutabagas.

1st Prem.....John Grape.
2nd Prem.....D. T. Pilgrim.

Three Yellow Pumpkins.

1st Prem.....John Grape.
2nd Prem.....Casper Olson.

Six Egg Plants.

1st Prem.....John Grape.
2nd Prem.....F. J. Lindley.

Six Cucumbers.

1st Prem.....Casper Olson.
2nd Prem.....F. J. Lindley.

Six Large Peppers.

1st Prem.....John Grape.
2nd Prem.....Casper Olson.



POTATOES.

Ohio Family.

1st Prem.....Kelly Bros.
2nd Prem.....H. P. West.

Rose Family.

1st Prem.....Kelly Bros.

Hebron Family.

1st Prem.....Kelly Bros.

Rural Family.

2nd Prem.....H. P. West.

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Burbank Family.

1st Prem.....Kelly Bros.

POTATOES. (FARMER'S CLASS.)

World's Fair.

1st Prem.....Casper Olson.

2nd Prem.....F. J. Lindley.

Early Ohio.

1st Prem.....John Grape.

2nd Prem.....F. J. Lindley.

Rural New Yorker No. 2.

1st Prem.....Casper Olson.

2nd Prem.....Jacob Weiss, Milwaukee, Wis.

Early Rose.

1st Prem.....F. J. Lindley.

2nd Prem.....Henry J. Schulte.

Beauty of Hebron.

1st Prem.....F. J. Lindley.

Early Michigan.

1st Prem.....Casper Olson.

2nd Prem.....F. J. Lindley.

Burbank.

1st Prem.....Casper Olson.

2nd Prem.....F. J. Lindley.

Empire State.

1st Prem.....Casper Olson.

2nd Prem.....F. J. Lindley.

American Wonder.

1st Prem.....Casper Olson.

2nd Prem.....F. J. Lindley.

Rose of Erin.

1st Prem.....F. J. Lindley.
2nd Prem.....Casper Olson.

Carmen No. 2.

1st Prem.....Casper Olson.
2nd Prem.....John Grape.

Sir Walter Raleigh.

1st Prem.....Casper Olson.
2nd Prem.....J. H. Pilgrim.

Any other variety.

1st Prem.....F. J. Lindley.
2nd Prem.....F. J. Lindley.

BOYS' CLASS.

CORN.

10 ears yellow dent corn.

1st Prem.....Stiles Bros., Lake Mills, Wis.
2nd Prem.....Eddie Finn, Whitewater, Wis.
3rd Prem.....Harry Markert, Helenville, Wis.
4th Prem.....Eddie Finn.

10 ears white dent corn.

1st Prem.....Stiles Bros.
2nd Prem.....Harry Markert.
3rd Prem.....R. E. Pilgrim, Milwaukee, Wis.

10 ears yellow flint corn.

1st Prem.....Harry Markert.
2nd Prem.....Eddie Finn.
3rd Prem.....R. E. Pilgrim.

ANNUAL REPORT OF THE

10 ears white flint corn.

1st Prem.....	R. E. Pilgrim.
2nd Prem.....	Henry V. West, Ripon, Wis.

10 ears pop corn.

1st Prem.....	R. E. Pilgrim.
2nd Prem.....	Stiles Bros.
3rd Prem.....	Harry Markert.
4th Prem.....	Henry V. West.

 VEGETABLES.

Six Blood Beets, Turnip.

1st Prem.....	Stiles Bros.
2nd Prem.....	R. E. Pilgrim.

Six Blood Beets, Long.

1st Prem.....	Henry V. West.
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Three Long Red Mangolds.

2nd Prem.....	Henry V. West.
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Peck Yellow Onions.

1st Prem.....	R. E. Pilgrim.
2nd Prem.....	Eddie Finn.

Peck Red Onions.

1st Prem.....	R. E. Pilgrim.
2nd Prem.....	Eddie Finn.

Peck White Onions.

2nd Prem.....	R. E. Pilgrim.
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Six Drumhead Cabbages.

2nd Prem.....	R. E. Pilgrim.
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Twelve Long Yellow Carrots.

1st Prem.....	R. E. Pilgrim.
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Twelve Oxhart Carrots.

1st Prem.....Henry V. West.
2nd Prem.....R. E. Pilgrim.

Three Cauliflower Heads.

1st Prem.....R. E. Pilgrim.

Six Parsnips.

1st Prem.....Henry V. West.
2nd Prem.....R. E. Pilgrim.

Three Muskmelons.

1st Prem.....R. E. Pilgrim.

Three Winter Squashes.

1st Prem.....R. E. Pilgrim.
2nd Prem.....Eddie Finn.

Largest Squash.

1st Prem.....Henry V. West.

Largest Pumpkin.

1st Prem.....Henry V. West.
2nd Prem.....Eddie Finn.

Peck Tomatoes.

1st Prem.....R. E. Pilgrim.

Six Flat Turnips.

1st Prem.....R. E. Pilgrim.

Six Rutabagas.

1st Prem.....R. E. Pilgrim.

1st Prem.....R. E. Pilgrim.

Six Egg Plants.

Three Yellow Pumpkins.

1st Prem.....R. E. Pilgrim.

ANNUAL REPORT OF THE

Six Cucumbers.

1st Prem.....	Eddie Finn.
2nd Prem.....	R. E. Pilgrim.

Six Large Peppers.

1st Prem.....	R. E. Pilgrim.
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 POTATOES.

World's Fair.

1st Prem.....	R. E. Pilgrim.
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Early Ohio.

1st Prem.....	R. E. Pilgrim.
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Rural New Yorker No. 2.

1st Prem.....	R. E. Pilgrim.
---------------	----------------

Early Michigan.

1st Prem.....	R. E. Pilgrim.
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Carmen No. 2.

1st Prem.....	R. E. Pilgrim.
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Sir Walter Raleigh.

1st Prem.....	R. E. Pilgrim.
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Best exhibit of vegetables.

1st Prem.....	R. E. Pilgrim.
2nd Prem.....	Henry V. West.

 BURPEE PREMIUM.

Best collection of vegetables grown from Burpee's seeds.

Premium	John Grape.
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BEEES AND HONEY.

Judge.

Frank Wilcox, Mauston, Wis.

Italian Bees.

- 1st Prem.....A. K. Ferris, Madison, Wis.
2nd Prem.....A. L. Kleeber, Reedsburg, Wis.
3rd Prem.....E. D. Ochsner, Prairie du Sac, Wis

Carniolan Bees.

- 1st Prem.....J. J. Ochsner, Prairie du Sac, Wis.
2nd Prem.....A. L. Kleeber.
3rd Prem.....E. D. Ochsner.

White Comb Honey.

- 1st Prem.....William Prisk, Mineral Point, Wis.
2nd Prem.....J. A. Trevillian, Mineral Point, Wis.
3rd Prem.....A. L. Kleeber.

White extracted honey.

- 1st Prem.....William Prisk.
2nd Prem.....Joseph Volz, Wauwatosa, Wis.
3rd Prem.....J. J. Ochsner.

Amber comb honey.

- 1st Prem.....William Prisk.
2nd Prem.....A. L. Kleeber.
3rd Prem.....E. D. Ochsner.

Amber extracted honey.

- 1st Prem.....J. J. Ochsner.
2nd Prem.....A. K. Ferris.
3rd Prem.....E. D. Ochsner.

Dark comb honey.

1st Prem.....	William Prisk.
2nd Prem.....	E. D. Ochsner.
3rd Prem.....	A. L. Kleeber.

Dark extracted honey.

1st Prem.....	A. K. Ferris.
2nd Prem.....	E. D. Ochsner.
3rd Prem.....	A. L. Kleeber.

Best and most attractive display of comb honey.

1st Prem.....	William Prisk.
2nd Prem.....	A. L. Kleeber.
3rd Prem.....	E. D. Ochsner.

Best and most attractive display of extracted honey.

1st Prem.....	A. L. Kleeber.
2nd Prem.....	William Prisk.
3rd Prem.....	E. D. Ochsner.

 BEESWAX.

1st Prem.....	E. D. Ochsner.
2nd Prem.....	A. L. Kleeber.
3rd Prem.....	J. A. Trevillian.

 SORGHUM SYRUP.

1st Prem.....	J. J. Ochsner.
2nd Prem.....	E. D. Ochsner.

COUNTY EXHIBITS.

Judge.

Irving C. Smith, Green Bay.

- 1st Prem.....Wood county.
- 2nd Prem.....Taylor county.
- 3rd Prem.....Fond du Lac county.
- 4th Prem.....Waukesha county.
- 5th Prem.....Rock county.
- 6th Prem.....Jefferson county.
- 7th Prem.....Dodge county.
- 8th Prem.....Marinette county.
- 9th Prem.....Adams county.
- 10th Prem.....Forest county.
- 11th Prem.....Kenosha county.

HORTICULTURE.

Judges.

Prof. Samuel B. Green, St. Anthony Park, Minn.

Walter J. Moyle, Union Grove, Wis.....

APPLES.

(Open to all.)

Display of 20 varieties.

- 1st Prem.....Pioneer Fruit Farm, Ithaca, Wis.
- 2nd Prem.....William Fox, Baraboo, Wis.

Display of 10 varieties.

- 1st Prem.....Pioneer Fruit Farm.
- 2nd Prem.....William Fox.

Display of 5 winter varieties.

1st Prem.....	Pioneer Fruit Farm.
2nd Prem.....	William Fox.
3rd Prem.....	William Toole, Baraboo, Wis.

Display of seedlings.

1st Prem.....	Pioneer Fruit Farm.
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Largest Apple.

1st Prem.....	Pioneer Fruit Farm.
2nd Prem.....	William Fox.

SINGLE PLATE.

Alexander.

1st Prem.....	Pioneer Fruit Farm.
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Anisim.

1st Prem.....	William Fox.
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Astrachan.

1st Prem.....	William Toole
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Ben Davis.

1st Prem.....	Pioneer Fruit Farm.
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Fall Orange.

1st Prem.....	William Fox.
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Fameuse.

1st Prem.....	Pioneer Fruit Farm.
2nd Prem.....	William Fox.
3rd Prem.....	William Toole.

Golden Russet.

1st Prem.....	Pioneer Fruit Farm.
2nd Prem.....	William Fox.

Haas.

1st Prem.....Pioneer Fruit Farm.
2nd Prem.....William Fox.

Hibernal.

1st Prem.....Pioneer Fruit Farm.
2nd Prem.....William Fox.

Lowland Raspberry.

1st Prem.....William Fox.

Longfield.

1st Prem.....William Fox.
2nd Prem.....William Toole.
3rd Prem.....Pioneer Fruit Farm.

Malinda.

1st Prem.....William Fox.

McIntosh.

1st Prem.....Pioneer Fruit Farm.

McMahan.

1st Prem.....Pioneer Fruit Farm.
2nd Prem.....William Fox.
3rd Prem.....William Toole.

Newell.

1st Prem.....Pioneer Fruit Farm.
2nd Prem.....William Fox.
3rd Prem.....William Toole.

Northwestern Greening.

1st Prem.....Pioneer Fruit Farm.
2nd Prem.....William Toole.
3rd Prem.....William Fox.

Oldenburg.

1st Prem.....Pioneer Fruit Farm.
2nd Prem.....Mrs. G. Hyland, Brookfield, Wis.
3rd Prem.....William Fox.

Patten Greenings.

1st Prem.....	Pioneer Fruit Farm.
2nd Prem.....	William Fox.

Perry Russet.

1st Prem.....	William Toole.
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Pewaukee.

1st Prem.....	Pioneer Fruit Farm.
2nd Prem.....	John Grape, Waukesha, Wis.
3rd Prem.....	William Fox.

Plumb Cider.

1st Prem.....	Pioneer Fruit Farm.
2nd Prem.....	William Fox.

Repka Malenka.

1st Prem.....	Pioneer Fruit Farm.
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Malone.

1st Prem.....	John Grape.
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Scott Winter.

1st Prem.....	Pioneer Fruit Farm.
2nd Prem.....	William Fox.
3rd Prem.....	William Toole.

Lawrence.

1st Prem.....	Pioneer Fruit Farm
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Talman Sweet.

1st Prem.....	William Fox.
2nd Prem.....	William Toole.
3rd Prem.....	Pioneer Fruit Farm.

Utter.

1st Prem.....	Pioneer Fruit Farm.
2nd Prem.....	William Fox.

Walbridge.

1st Prem.....	William Fox.
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Wealthy.

- 1st Prem.....William Toole.
- 2nd Prem.....William Fox.
- 3rd Prem.....Pioneer Fruit Farm.

Willow Twig.

- 1st Prem.....Pioneer Fruit Farm.

Windsor.

- 1st Prem.....Pioneer Fruit Farm.
- 2nd Prem.....William Fox.

Wolf River.

- 1st Prem.....Pioneer Fruit Farm.
- 2nd Prem.....William Fox.
- 3rd Prem.....William Toole.

Yellow Transparent.

- 1st Prem.....Pioneer Fruit Farm.



PLATE OF CRAB APPLES.

Hyslop.

- 1st Prem.....Pioneer Fruit Farm.
- 2nd Prem.....William Fox.

Martha.

- 1st Prem.....Pioneer Fruit Farm.

Sweet Russet.

- 1st Prem.....Pioneer Fruit Farm.
- 2nd Prem.....William Toole.

Transcendent.

- 1st Prem.....Pioneer Fruit Farm.
- 2nd Prem.....William Fox.

ANNUAL REPORT OF THE

Whitney.

1st Prem.....	Pioneer Fruit Farm.
2nd Prem.....	William Toole.



APPLES.

(For amateurs only.)

Display of 20 varieties.

1st Prem.....	J. S. Palmer, Baraboo, Wis.
2nd Prem.....	Mrs. Robert Ramsey, Baraboo, Wis.
3rd Prem.....	Kelly Bros., Mineral Point, Wis.
4th Prem.....	Geo. Jeffery, Milwaukee, Wis.

Display of 10 varieties.

1st Prem.....	Mrs. Robert Ramsey.
2nd Prem.....	Kelly Bros.
3rd Prem.....	J. S. Palmer.

Display of 5 varieties.

1st Prem.....	E. L. Benedict, Beloit Wis.
2nd Prem.....	Kelly Bros..
3rd Prem.....	J. S. Palmer.

Display of seedlings.

1st Prem.....	J. S. Palmer.
2nd Prem.....	Geo. Jeffery.

Largest Apple.

1st Prem.....	Mrs. Robert Ramsey.
2nd Prem.....	Kelly Bros.
3rd Prem.....	J. S. Palmer.



SINGLE PLATE.

Alexander.

1st Prem.....	Geo. Jeffery.
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Anisim.

1st Prem.....J. S. Palmer.
 2nd Prem.....Mrs. Robert Ramsey.

Astrachan.

1st Prem.....Mrs. Robert Ramsey.
 2nd Prem.....Geo. Jeffery.

Ben Davis.

1st Prem.....Kelly Bros.
 2nd Prem.....E. L. Benedict.
 3rd Prem.....Mrs. Robert Ramsey.

Fall Orange.

1st Prem.....Kelly Bros.
 2nd Prem.....J. S. Palmer.
 3rd Prem.....Geo. Jeffery.

Fameuse.

1st Prem.....Kelly Bros.
 2nd Prem.....M. V. Sperbeck, Oshkosh, Wis.
 3rd Prem.....Geo. Jeffery.

Golden Russet.

1st Prem.....J. S. Palmer.
 2nd Prem.....Henry Schuster, Middleton, Wis.
 3rd Prem.....Kelly Bros.

Haas.

1st Prem.....J. S. Palmer.
 2nd Prem.....M. V. Sperbeck.
 3rd Prem.....Mrs. Robert Ramsey.

Hibernal.

1st Prem.....J. S. Palmer.
 2nd Prem.....Kelly Bros.
 3rd Prem.....M. V. Sperbeck.

Lowland Raspberry.

1st Prem.....J. S. Palmer.
 2nd Prem.....Mrs. Robert Ramsey.
 3rd Prem.....E. L. Benedict.

ANNUAL REPORT OF THE

Longfield.

1st Prem.....	Kelly Bros.
2nd Prem.....	Mrs. Robert Ramsey.
3rd Prem.....	J. S. Palmer.

Malinda.

1st Prem.....	Kelly Bros.
2nd Prem.....	Mrs. Robert Ramsey.

McIntosh.

1st Prem.....	M. V. Sperbeck.
2nd Prem.....	J. S. Palmer.

McMahan.

1st Prem.....	Kelly Bros.
2nd Prem.....	J. S. Palmer.
3rd Prem.....	M. V. Sperbeck.

Newell.

1st Prem.....	Kelly Bros.
2nd Prem.....	Mrs. Robert Ramsey.
3rd Prem.....	J. S. Palmer.

Northwestern Greening.

1st Prem.....	Kelly Bros.
2nd Prem.....	M. V. Sperbeck.
3rd Prem.....	Mrs Robert Ramsey.

Okabena.

1st Prem.....	Mrs. Robert Ramsey.
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Oldenburg.

1st Prem.....	Kelly Bros.
2nd Prem.....	J. S. Palmer.
3rd Prem.....	M. V. Sperbeck.

Patten Greening.

1st Prem.....	Kelly Bros.
2nd Prem.....	Geo. Jeffery.
3rd Prem.....	Mrs. Robert Ramsey.

Perry Russett.

1st Prem.....	Mrs. Robert Ramsey.
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Pewaukee.

- 1st Prem.....Mrs. Robert Ramsey.
- 2nd Prem.....Kelly Bros.
- 3rd Prem.....J. S. Palmer.

Plumb Cider.

- 1st Prem.....Mrs. Robert Ramsey.
- 2nd Prem.....J. S. Palmer.
- 3rd Prem.....Geo. Jeffery.

Repka Malenka.

- 1st Prem.....Mrs. Robert Ramsey.
- 2nd Prem.....J. S. Palmer.

Salome.

- 1st Prem.....M. V. Sperbeck.
- 2nd Prem.....Geo. Jeffery.

Scott Winter.

- 1st Prem.....Mrs. Robert Ramsey.
- 2nd Prem.....J. S. Palmer.
- 3rd Prem.....Geo. Jeffery.

St. Lawrence.

- 1st Prem.....Kelly Bros.
- 2nd Prem.....Mrs. Robert Ramsey.
- 3rd Prem.....Geo. Jeffery.

Talman Sweet.

- 1st Prem.....J. S. Palmer.
- 2nd Prem.....Kelly Bros.
- 3rd Prem.....M. V. Sperbeck.

Utter.

- 1st Prem.....J. S. Palmer.
- 2nd Prem.....Kelly Bros.
- 3rd Prem.....M. V. Sperbeck.

Walbridge.

- 1st Prem.....J. S. Palmer.
- 2nd Prem.....Kelly Bros.
- 3rd Prem.....Mrs. Robert Ramsey.

Wealthy.

1st Prem.....	Kelly Bros.
2nd Prem.....	Mrs. Robert Ramsey.
3rd Prem.....	J. S. Palmer.

Willow Twig.

1st Prem.....	E. L. Benedict.
2nd Prem.....	Geo. Jeffery.

Windsor.

1st Prem.....	Kelly Bros.
2nd Prem.....	J. S. Palmer.
3rd Prem.....	Geo. Jeffery.

Wolf River.

1st Prem.....	Mrs. Robert Ramsey.
2nd Prem.....	Kelly Bros.
3rd Prem.....	J. S. Palmer.

Yellow Transparent.

1st Prem.....	Mrs. Robert Ramsey.
2nd Prem.....	J. S. Palmer.
3rd Prem.....	M. V. Sperbeck.

 PLATE OF CRAB APPLES.

Brier (Sweet).

1st Prem.....	Mrs. Robert Ramsey.
2nd Prem.....	Geo. Jeffery.

Hyslop.

1st Prem.....	Mrs. Robert Ramsey.
2nd Prem.....	Kelly Bros.

Martha.

1st Prem.....	Kelly Bros.
2nd Prem.....	Geo. Jeffery.

Sweet Russet.

1st Prem.....Mrs. Robert Ramsey.
2nd Prem.....Kelly Bros.

Transcendent.

1st Prem.....Kelly Bros.
2nd Prem.....M. V. Sperbeck.

Virginia.

1st Prem.....Geo. Jeffery.

Whitney.

1st Prem.....Kelly Bros.
2nd Prem.....M. V. Sperbeck.

SWEEPSTAKES.

Best and Largest Show.

1st Prem.....Pioneer Fruit Farm.
2nd Prem.....Mrs. Robert Ramsey.
3rd Prem.....Kelly Bros.
4th Prem.....J. S. Palmer.
5th Prem.....William Fox.
6th Prem.....M. V. Sperbeck.
7th Prem.....Geo. Jeffery.

Wisconsin State Horticultural Society Special.

1st Prem.....Pioneer Fruit Farm.
2nd Prem.....Kelly Bros.
3rd Prem.....Mrs. Robert Ramsey.
4th Prem.....J. S. Palmer.
5th Prem.....M. V. Sperbeck.
6th Prem.....Geo. Jeffery.

PEARS.

Collection.

1st Prem.....	W. J. Moyle, Union Grove, Wis.
2nd Prem.....	Geo. Jeffery.
3rd Prem.....	John Grape.

SINGLE PLATE.

Bartlett.

1st Prem.....	W. J. Moyle.
2nd Prem.....	Geo. Jeffery.

Clapp's Favorite.

1st Prem.....	W. J. Moyle.
2nd Prem.....	Geo. Jeffery.

Clairglau.

1st Prem.....	W. J. Moyle.
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Early Harvest.

1st Prem.....	W. J. Moyle.
2nd Prem.....	Geo. Jeffery.

Flemish Beauty.

1st Prem.....	W. J. Moyle.
2nd Prem.....	Geo. Jeffery.

Howell.

1st Prem.....	Geo. Jeffery.
2nd Prem.....	W. J. Moyle.

Idaho.

1st Prem.....	W. J. Moyle.
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Kieffer.

1st Prem.....	W. J. Moyle.
2nd Prem.....	J. S. Palmer.

Lawson.

1st Prem.....W. J. Moyle.
2nd Prem.....Geo. Jeffery.

Lawrence.

1st Prem.....W. J. Moyle.
2nd Prem.....Geo. Jeffery.

President Brouard.

1st Prem.....Geo. Jeffery.

Seckel.

1st Prem.....W. J. Moyle.
2nd Prem.....Henry Schuster.

Sheldon.

1st Prem.....W. J. Moyle.
2nd Prem.....Geo. Jeffery.

Vermont Beauty.

1st Prem.....Geo. Jeffery.

Wilder.

1st Prem.....John Grape.

PLUMS.

Collection of Native Plums.

1st Prem.....Geo. Jeffery.
2nd Prem.....Mrs. Robert Ramsey.
3rd Prem.....J. S. Palmer.

Collection of European Plums.

1st Prem.....Geo. Jeffery.

Collection of Japanese Plums.

1st Prem.....Geo. Jeffery.

Single Plate.

De Soto.

1st Prem.....Mrs. Robert Ramsey.
 2nd Prem.....Geo. Jeffery.

Forest Garden.

1st Prem.....Mrs. Robert Ramsey.
 2nd Prem.....J. S. Palmer.

Hammer.

1st Prem.....J. S. Palmer.

Quaker.

1st Prem.....J. S. Palmer.

 GRAPES.

(For Professional Growers.)

Display not Less than 15 Varieties.

1st Prem.....William Fox, Baraboo, Wis.
 2nd Prem.....John Grape, Waukesha, Wis.

Display of 10 Varieties Adapted to Wisconsin.

1st Prem.....William Fox.
 2nd Prem.....John Grape.

Display of 5 varieties adapted to Wisconsin.

1st Prem.....William Fox.
 2nd Prem.....John Grape.

 CANES.

Brighton.

1st Prem.....William Fox.

Concord.

1st Prem.....William Fox.
2nd Prem.....John Grape.

Delaware.

1st Prem.....William Fox.

Worden.

1st Prem.....William Fox.

(Single plate.)

Agawan.

1st Prem.....William Fox.

Brighton.

1st Prem.....William Fox.
2nd Prem.....John Grape.

Concord.

1st Prem.....William Fox.
2nd Prem.....John Grape.

Campbell Early.

1st Prem.....William Fox.
2nd Prem.....John Grape.

Delaware.

1st Prem.....William Fox.
2nd Prem.....John Grape.

Green Mountain.

1st Prem.....William Fox.
2nd Prem.....John Grape.

Lady.

1st Prem.....William Fox.
2nd Prem.....John Grape.

Lady Washington.

1st Prem.....William Fox.

ANNUAL REPORT OF THE

Moore's Early.

1st Prem.....	William Fox.
2nd Prem.....	John Grape.

Moore's Diamond.

1st Prem.....	William Fox.
2nd Prem.....	John Grape.

McPike.

1st Prem.....	William Fox.
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Niagara.

1st Prem.....	John Grape.
2nd Prem.....	William Fox.

Salem.

1st Prem.....	William Fox.
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Worden.

1st Prem.....	William Fox.
2nd Prem.....	John Grape.

Wilder.

1st Prem.....	William Fox.
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 GRAPES.

(For amateurs.)

Display of not less than 15 varieties.

1st Prem.....	Henry Schuster.
2nd Prem.....	J. S. Palmer.
3rd Prem.....	Geo. Jeffery.

Display of 10 varieties adapted to Wisconsin.

1st Prem.....	Henry Schuster.
2nd Prem.....	J. S. Palmer.
3rd Prem.....	Mrs. Robert Ramsey.

Display of 5 varieties adapted to Wisconsin.

- 1st Prem.....Henry Schuster.
2nd Prem.....Mrs. Robert Ramsey.
3rd Prem.....J. S. Palmer.

CANES.

Brighton.

- 1st Prem.....Henry Schuster.
2nd Prem.....J. S. Palmer.

Concord.

- 1st Prem.....Henry Schuster.
2nd Prem.....Mrs. Robert Ramsey.

Delaware.

- 1st Prem.....Henry Schuster.
2nd Prem.....Mrs. Robert Ramsey.

Worden.

- 1st Prem.....Henry Schuster.
2nd Prem.....Mrs. Robert Ramsey.

(Single Plate.)

Agawan.

- 1st Prem.....Henry Schuster.
2nd Prem.....Mrs. Robert Ramsey.

Brighton.

- 1st Prem.....Henry Schuster.
2nd Prem.....J. S. Palmer.

Concord.

- 1st Prem.....Henry Schuster.
2nd Prem.....Mrs. Robert Ramsey.

ANNUAL REPORT OF THE

Campbell Early.

1st Prem.....Geo. Jeffery.

Delaware.

1st Prem.....Henry Schuster.

2nd Prem..... Geo. Jeffery.

Green Mountain.

1st Prem.....J. S. Palmer.

Lady Washington.

1st Prem.....Henry Schuster.

Moore's Early.

1st Prem.....J. S. Palmer.

2nd Prem.....Mrs. Robert Ramsey.

Moore's Diamond.

1st Prem.....Henry Schuster.

2nd Prem.....J. S. Palmer.

Niagara.

1st Prem.....J. S. Palmer.

Salem.

1st Prem.....J. S. Palmer.

Worden.

1st Prem.....Henry Schuster.

2nd Prem.....Mrs. Robert Ramsay.

Wilder.

1st Prem.....Henry Schuster.

2nd Prem.....J. S. Palmer.

PLANTS AND FLOWERS.

Professional Florists.

Collection of greenhouse plants.

- 1st Prem.....Currie Bros., Milwaukee, Wis.
- 2nd Prem.....John M. Dunlap, Wauwatosa, Wis.
- 3rd Prem.....Alex. Klokner, Wauwatosa, Wis.

Display of palms.

- 1st Prem.....Currie Bros.
- 2nd Prem.....John M. Dunlop.
- 3rd Prem.....Alex Klokner.

Display of ferns.

- 1st Prem.....Currie Bros.
- 2nd Prem.....John M. Dunlop.
- 3rd Prem.....Alex Klokner.

Ten varieties in bloom

- 1st Prem.....Currie Bros.
- 2nd Prem.....John M. Dunlop.

Foliage Plants.

- 1st Prem.....Currie Bros.
- 2nd Prem.....John M. Dunlop.

Carnations.

- 1st Prem.....John M. Dunlop.

Geraniums.

- 1st Prem.....John M. Dunlop.
- 2nd Prem.....Currie Bros.

ANNUAL REPORT OF THE

CUT FLOWERS.

Wild flowers.

1st Prem.....	John M. Dunlop.
2nd Prem.....	Currie Bros.
3rd Prem.....	Alex Klokner.

Hardy Phlox.

1st Prem.....	Currie Bros.
2nd Prem.....	John M. Dunlop.
3rd Prem.....	Alex Klokner.

Floral Design.

1st Prem.....	John M. Dunlop.
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Basket of flowers.

1st Prem.....	John M. Dunlop.
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Display of cut flowers.

1st Prem.....	Currie Bros.
2nd Prem.....	John M. Dunlop.

Pansies.

1st Prem.....	William Toole.
2nd Prem.....	John M. Dunlop.

Roses.

1st Prem.....	John M. Dunlop.
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Carnations.

1st Prem.....	John M. Dunlop.
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Lilies.

1st Prem.....	John M. Dunlop.
2nd Prem.....	Currie Bros.

Dahlias.

1st Prem.....	H. W. Koerner, Milwaukee, Wis.
2nd Prem.....	John W. Dunlop.

Cannas.

- 1st Prem.....Currie Bros.
2nd Prem.....John M. Dunlop.

Asters.

- 1st Prem.....William Toole.
2nd Prem.....John M. Dunlop.

Gladiolus.

- 1st Prem.....H. W. Koerner.
2nd Prem.....Currie Bros.

Bouquet.

- 1st Prem.....John M. Dunlop.

Hardy Carnations.

- 1st Prem.....John M. Dunlop.

Golden glow.

- 1st Prem.....Currie Bros.
2nd Prem.....John M. Dunlop.

Decorative grasses.

- 1st Prem.....Currie Bros.
2nd Prem.....John M. Dunlop.

For amateurs only.

Collection of greenhouse plants.

- 1st Prem.....D. T. Pilgrim, Wauwatosa, Wis.
2nd Prem.....Mrs. C. E. Strong, West Allis, Wis.

Display of ferns.

- 1st Prem.....D. T. Pilgrim.

CUT FLOWERS.

Display of cut flowers.

1st Prem.....	D. T. Pilgrim.
2nd Prem.....	L. W. Barnes, Waupaca, Wis.
3rd Prem.....	Mrs. Thos. Bowes, Beaver Dam, Wis.

Wild Flowers.

1st Prem.....	D. T. Pilgrim.
2nd Prem.....	Mrs. F. J. Granger, Cainoun, Wis.
3rd Prem.....	Alice I. Clapp.

Hardy phlox.

1st Prem.....	L. W. Barnes.
2nd Prem.....	Mrs. Thos. Bowes.
3rd Prem.....	D. T. Pilgrim.

Dahlias.

1st Prem.....	L. W. Barnes.
2nd Prem.....	Mrs. Thos. Bowes.
3rd Prem.....	D. T. Pilgrim.

Floral design.

1st Prem.....	L. W. Barnes.
2nd Prem.....	Alice I. Clapp.

Basket of flowers.

1st Prem.....	Alice I. Clapp.
2nd Prem.....	L. W. Barnes.

Roses.

1st Prem.....	L. W. Barnes.
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Pansies.

1st Prem.....	Alice I. Clapp.
2nd Prem.....	L. W. Barnes.

Verbenas.

1st Prem.....	L. W. Barnes.
2nd Prem.....	D. T. Pilgrim.

Asters.

- 1st Prem.....L. W. Barnes.
2nd Prem.....Alice I. Clapp.

Gladiolus.

- 1st Prem.....L. W. Barnes.
2nd Prem.....Mrs. Thos. Bowes.

Hardy carnations.

- 1st Prem.....D. T. Pilgrim.

Golden glow.

- 1st Prem.....D. T. Pilgrim.
2nd Prem.....Mrs. Thos. Bowes.

Decorative grasses.

- 1st Prem.....Alice I. Clapp.
2nd Prem.....L. W. Barnes.

Bouquets.

- 1st Prem.....L. W. Barnes.
2nd Prem.....Alice I. Clapp.

Dianthus.

- 1st Prem.....Amanda Rissman, Beaver Dam, Wis.
2nd Prem.....L. W. Barnes.

Double Petunias.

- 1st Prem.....L. W. Barnes.
2nd Prem.....D. T. Pilgrim.

Single Petunias.

- 1st Prem.....L. W. Barnes.
2nd Prem.....D. T. Pilgrim.

Sweet Peas.

- 1st Prem.....Amanda Rissman.
2nd Prem.....L. W. Barnes.

Phlox Drumondi.

- 1st Prem.....L. W. Barnes.
2nd Prem.....Amanda Rissman.

Cannas.

1st Prem.....Mrs. Thos. Bowes.

Zinnias.

1st Prem.....L. W. Barnes.

2nd Prem.....Mrs. Thos. Bowes.

DAIRY DEPARTMENT.

SCORES OF BUTTER EXHIBITS.

 Judge.

W. D. Collyer, Chicago, Ill.

 Creamery Butter.

	Scores.
F. W. Anderson, Somers.....	92½
E. L. Adams, Coloma.....	90
F. W. Ashman, Lime Ridge.....	88
T. M. Borglum, Newell, Ia.....	93½
William Boldt, Waterford.....	88½
Geo. Blumenstein, Sullivan.....	87
Frank Blumenstein, Kilbourn.....	91
F. W. Bartelt, Rome.....	91
Frank Bowar, Cazenovia.....	highest score 98
J. E. Boettcher, Waukesha.....	89½
Lawrean Balstad, Nashotah.....	91½
B. G. Bursch, St. Croix Falls.....	85
E. Bingham, Hustler.....	89
D. R. Burritt, Bassett.....	82
H. Bast, Stockbridge.....	91
C. H. Christian, Stoughton.....	92

E. H. Coulson, Iuka, Ill.....	92
W. J. Clark, Troy Center.....	92½
W. H. Conroy, Allens Grove.....	90
S. B. Cook, Bruce.....	96½
T. Carswell, Range.....	88
Chas. Cruver, Waukesha.....	93
J. H. Curtis, Lewiston, Minn.....	91½
R. C. Dieckow, Wausau.....	89
G. L. Dietrich, Disco.....	89
J. F. Darbareiner, Jefferson.....	88
E. L. Duxbury, Green Bay.....	91½
Edward J. Ellis, Elkhorn.....	88
B. J. Ellis, Oregon.....	90½
J. A. Emerson, Sand Creek.....	92
Ole Esker, Shafer Minn.....	93½
Albert Erickson, Amery.....	92½
Martin Engbretson, Scandinavia.....	89
A. J. Fraser, Waukesha.....	92
H. Fassbender, Greenville.....	91
E. C. Golz, Princeton.....	90½
L. H. Glaesel, Fort Atkinson.....	92
Galesburg Creamery Co., Leesman.....	92
L. A. Goodchild, De Pere.....	89
Christian Glaus, Milwaukee.....	87
John Grosser, Westbrook, Minn.....	92½
Ferdinand Grimm, Chetek.....	90
A. V. Grow, Whitewater.....	88½
L. W. Genske, Royalton.....	90
Herman Goetsch, Houston, Minn.....	97
C. Gerlach, Grafton.....	95
A. F. Guelzow, Fond du Lac.....	93
W. J. Hyne, Evansville.....	93
E. J. Hildeman, Chippewa Falls.....	90½
Edwin Hed, Nicollet, Minn.....	94
Eric Hermanson, Northland.....	90½
Ole Hanson, Rose Lawn.....	89
William Haag, Garnet.....	93½
A. B. Hoyt, Pewaukee.....	83
F. W. Huth, Elkhorn.....	93
J. G. Howe, Oakland, Minn.....	91½
F. H. Harms, Logansville.....	92½
J. Hansen, Gotham.....	90
L. P. Holgerson, Troy Center.....	88

Howard Creamery Co., Green Bay.....	91
C. W. Judkins, Van Dyne.....	92½
W. Judevine, Gratiot.....	89
Fred Jaquith, Dartford.....	91
G. E. Jordan, Amherst.....	90½
J. J. Jackson, Union Grove.....	92½
C. M. Kates, Custer.....	93
A. F. Krohn, Whitewater.....	93
P. G. Knoll, Johnsons Creek.....	91
P. M. Knudson, Newell, Ia.....	93
O. E. Knoke, New London.....	94
J. W. Koepsell, Lewiston, Minn.....	91½
F. H. Kelling, Berlin.....	90
O. A. Kielsmeier, Manitowoc.....	87½
Oren Longley, Caledonia.....	93
W. Lund, Forest City, Minn.....	93
H. W. Larson, Neenah.....	90
C. F. Langhilde, Bloomfield.....	93
W. H. Lester, Albion.....	90½
J. F. Magrane, Rusk.....	89
W. H. Noyes, Valton.....	93½
Geo. W. Mullen, Wales.....	97½
W. H. Moats, Modena.....	89
A. McLane, Whitewater.....	94
E. C. McCormick, Buena Vista.....	89½
F. E. McCormick, Almond.....	93½
Martin Martin, Hazel Green.....	89
William Mussell, Beaver Dam.....	88
Thomas Netland, Deerfield.....	91
G. H. Nelson, Elkhorn.....	93
H. N. Olson, Arnott.....	89
Lauritz Olson, West De Pere.....	85
Arthur Oestreich, Watertown.....	93½
Otto Olsen, Mt. Horeb.....	92½
Thomas O'Neill, Waukesha.....	89
Oshkosh Pure Milk Co., Oshkosh.....	91½
Paoli Creamery Co., Paoli.....	89
J. C. Post, Richland Center.....	92½
A. G. Puerner, Jefferson.....	90
E. A. Paddock, Elkhorn.....	93½
E. A. Reese, Lowell.....	92
F. A. Rivers, Marathon.....	93½
Ben Roan, Sparta.....	92½

B. O. Sather, Blair.....	88
G. P. Sauer, Troy Center.....	94
Stiles Bros., Lake Mills.....	85
LeRoy Skofstad, Sharon.....	88½
F. E. Snyder, Whitewater.....	84
D. A. Sheldon, Lake Mills.....	89
P. J. Springsteen, Egan, Ill.....	92
A. C. Steinhauer, Cottage Grove.....	87
I. W. Stryker, Lomira.....	85
C. W. Sly, Lake Crystal, Minn.....	92½
Charles Sass, Mt. Horeb.....	94
F. W. Sutcliffe, Highland.....	93½
Edward Seaman, Lake Beulah.....	92
Alfred Schroeder, Lafayette, Minn.....	97
William Schoessow, Thiensville.....	90½
A. F. Strebe, Chilton.....	93
Gus Trager, Mazomanie.....	90½
E. A. Uihling, Shopiere.....	89
F. A. Viergutz, Neillsville.....	89
W. A. Voigt, Merrill.....	96
J. F. Weber, Hartford.....	91½
Grant Winner, Clintonville.....	88
W. W. Wilson, Newry.....	90
T. J. Warner, Rosholt.....	91
Fred Wuethrich, Mayville.....	89½
E. H. Weber, Beaver Dam.....	89
J. W. Webber, Jefferson.....	90
John Wunsch, Viola.....	90½
E. H. Weber, Beaver Dam.....	89
John Wuethrich, Greenwood.....	89
F. W. Zastrow, Princeton.....	92½
A. W. Zimmerman, Cross Plains.....	93½

Creamery Prints.

Geo. Blumenstein, Sullivan.....	89½
Frank Blumenstein, Kilbourn.....	92
W. J. Clark, Troy Center.....	90
R. C. Dieckow, Wausau.....	88
J. F. Dabareiner, Jefferson.....	93

B. J. Ellis, Oregon.....	93
L. A. Goodchild, De Pere.....	89
A. V. Grow, Whitewater.....	92½
W. J. Hyne, Evansville.....	94
William Haag, Ga. et.....	94½
A. B. Hoyt, Pewaukee.....	88
L. P. Holgarson, Troy Center.....	94½
W. Judevine, Gratiot.....	90
A. H. Jones, Mt. Morris.....	89
G. E. Jordan, Amherst.....	92½
C. M. Kates, Custer.....	90
C. F. Langhilde, Bloomfield.....	90½
Geo. W. Mullen, Wales.....	94
Arthur Oestreich, Watertown.....	90
Thomas O'Neill, Waukesha.....	91½
E. A. Paddock, Elkhorn.....	92½
G. P. Sauer, Troy Center.....highest score	95
D. A. Sheldon, Lake Mills.....	88½
T. J. Warner, Rosholt.....	89
F. W. Zastrow, Princeton.....	92½

Dairy Butter.

A. M. Adams, Waukesha.....	81
Albert Brinkman, Calhoun.....	87
Ray Curtis, Poynette.....	93
Ray Curtis, Poynette.....	91½
E. J. Czamanske, Randolph.....	89
J. H. Curtis, Lewiston Minn.....	88
Mrs. E. W. Fisher, Janesville.....	85
Mrs. G. Halladay, Wautoma.....	90
J. G. Hickcox, Whitefish Bay.....	89
Mrs. A. W. Lehman, Neosho.....	90
Mrs. J. H. McRostie, Owatonna, Minn.....highest score	94
J. H. Pilgrim, Milwaukee.....	88
Mrs. William Sweeney, Fox Lake.....	91
W. E. Wright, North Brookfield, Mass.....	87
E. Zeman, Janesville.....	83

Dairy Prints.

Albert Brinkman, Calhoun.....	92
Ray Curtis, Poynette.....	90½
Mrs. S. J. Curtis, Poynette.....	92
E. J. Czamanske, Randolph.....	92½
Mrs. E. W. Fisher, Janesville.....	86½
Mrs. A. W. Lehman, Neosho.....	92½
Mrs. J. H. McRostie, Owatonna, Minn., highest score.....	94

CHEESE.

Judges.

American Cheese—E. L. Aderhold, Neenah.
 Foreign Cheese—Fred Marty, Monroe.

SCORES OF CHEESE EXHIBIT.

Cheddars.

H. Fassbender, Greenville.....	90
J. C. Jacquot, Appleton.....	92¾
L. H. Jewett, Richland Center.....	93½
J. G. Kennedy, West Bloomfield.....	91
Fred Lepley, Woodstock.....	93¾
Wallace Madding, Richland Center.....	95½
Chas. Mickle, Gotham.....	83½
John Vogt, Fremont, highest score.....	98½
G. J. Vogt, Fremont.....	96½
W. S. Walsh, Bear Valley.....	93½

Flats or Daisies.

F. L. Bartell, Neillsville.....	89
August Brandt, Algoma.....	95

E. A. Bartell, Metz.....	85
J. F. Bachman, Fremont.....	92
Jacob Baehler, Seymour.....	91 $\frac{1}{3}$
R. Conrad, Haven.....	94
Will Clark, Neenah.....	96
P. E. Cranston, Soldiers Grove.....	90
S. D. Cannon, Dale.....	93 $\frac{1}{2}$
H. Fassbender, Greenville.....	93
Louis Falk, Morrison.....	88 $\frac{1}{2}$
Emil Falk, West Bend.....	94 $\frac{3}{4}$
Dan Falk, Morrison.....	93 $\frac{1}{2}$
Gentilly Dairy Association, Gentilly, Minn.....	95 $\frac{1}{4}$
Mrs. G. Halladay, Wautoma.....	84
Mell Hill, Bonduel.....	89 $\frac{1}{2}$
E. B. Hosig, Mayville, Minn.....	80
Iron River Creamery Co., Iron River.....	89 $\frac{1}{2}$
O. A. Kielsmeier, Manitowoc.....	92 $\frac{3}{4}$
A. H. Knoke, Birmanwood.....	91 $\frac{1}{4}$
Joseph Knickerbocker, Dodgeville.....	81
Frank Kleiner, Welcome.....	96 $\frac{1}{2}$
C. F. Krueger, Shiocton.....	96
Wallace Madding, Richland Center.....	95
A. W. Parkin, Stanton, Minn.....	95
N. E. Possley, New Holstein.....	94
A. J. Roycroft, Chippewa Falls.....	93 $\frac{3}{4}$
E. F. Roloff, South Kaukauna.....	91 $\frac{3}{4}$
A. B. Radtke, Marion.....	92
Jacob Specht, Marshfield.....	71
LeRoy Skofstad, Sharon.....	71
J. A. Sharfer, Wheeler.....	89 $\frac{1}{2}$
F. C. Stecker, Neenah.....	86 $\frac{1}{2}$
B. S. Van Name, New London.....	87 $\frac{1}{2}$
John Vogt, Fremont.....	96 $\frac{3}{4}$
G. J. Vogt, Fremont.....	95
Edward Wunsch, Haven, highest score.....	97 $\frac{1}{2}$
W. N. Waddell, Hub City.....	93 $\frac{3}{4}$
F. H. Wisner, Plain.....	92 $\frac{1}{2}$
A. F. Westphal, Neosho.....	91
Young America.	
H. Anderson, Sheboygan Falls.....	78 $\frac{1}{2}$
August Brandt, Algoma.....	90 $\frac{1}{2}$
R. Conrad, Haven.....	95 $\frac{1}{2}$

Mrs. G. Halladay, Wautoma.....	92
O. A. Kielsmeier, Manitowoc, highest score.....	96
Herbert Kalk, Sheboygan Falls.....	81
Fred Plinke, Prentice.....	86
E. O. Sigglekow, Cleveland.....	88
Jacob Stocker, Sheboygan Falls.....	88
Edward Wunsch, Haven.....	93

Print Cheese.

E A. Bartell Metz.....	85
J. F. Bachman, Fremont.....	82
H. E. Bauman, Merrill.....	95
John Vogt, Fremont highest score.....	98 $\frac{1}{4}$

Brick Cheese.

C. F. Brinkman, Coon Valley.....	93
John Glansman, Brodhead.....	90 $\frac{1}{2}$
R. F. Gronert, Columbus.....	86
J. J. Rothenmach, Ackerville.....	91 $\frac{1}{2}$
Stauffacher & Roth, Monroe.....	94 $\frac{1}{2}$
A. F. Westphal, Neosho, highest score.....	95 $\frac{1}{2}$

Swiss Cheese.

Samuel Erb, New Glarus.....	91 $\frac{1}{2}$
Henry Elmer, Belleville.....	92 $\frac{1}{2}$
J. Karlen & Son, Monroe.....	94 $\frac{1}{2}$
John Glansman, Brodhead, highest score.....	98
Stauffacher & Roth, Monroe.....	96
Herman Schoepfer, Hollandale.....	91 $\frac{1}{2}$
Gottfried Vogel, Mt. Horeb.....	93 $\frac{1}{2}$

Limburger Cheese.

Henry Elmer, Belleville, highest score.....	93 $\frac{1}{2}$
Stauffacher & Roth, Monroe.....	93

ART DEPARTMENT.

Judges.

George Raab, Milwaukee, Wis.

Mrs. Jenny Collipp Lloyd, Milwaukee, Wis.

OIL PAINTINGS.

Portrait or figure.

- 1st Prem.....Adeline B. Bellman, Fort Atkinson.
 2nd Prem.....Francesco Spicuzza, Milwaukee.
 3rd Prem.....Frank L. Schlick, Milwaukee.

Landscape or marine.

- 1st Prem.....Francesco Spicuzza.
 2nd Prem.....Gustave Moeller, Milwaukee.
 3rd Prem.....Mrs. O. Pratt, Spring Prairie.

Still life, fruit or flower.

- 1st Prem.....Francesco Spicuzza.
 2nd Prem.....Albert Elsner, Milwaukee.
 3rd Prem.....Anna Reiter, Milwaukee
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WATER COLORS.

Portrait or figure.

- 1st Prem.....Adeline B. Bellman.
 2nd Prem.....Francesco Spicuzza.
 3rd Prem.....Mrs. B. B. Denison, Lake Geneva.

Landscape or marine.

- 1st Prem.....Gustave Moeller.
 2nd Prem.....Anna Reiter.
 3rd Prem.....Mrs. F. G. Haight, Chippewa Falls.

Still life, fruit or flower.

- 1st Prem.....Mrs. B. B. Denison.
2nd Prem.....Albert Elsner.
3rd Prem.....Gustave Moeller.
-

PASTEL PAINTINGS.

Portrait or figure.

- 1st Prem.....Francesco Spicuzza.
2nd Prem.....Clara M. Byron, Milwaukee.

Landscape or marine.

- 1st Prem.....Francesco Spicuzza.
2nd Prem.....Gustave Moeller.

Still life, fruit or flower.

- 1st Prem.....Francesco Spicuzza.
2nd Prem.....Clara M. Byron.
-

DRAWINGS.

Study head in black and white.

- 1st Prem.....Francesco Spicuzza.
2nd Prem.....Gustave Moeller.
3rd Prem.....Albert Elsner.

Drawing from cast.

- 1st Prem.....Eleanor Hanson, Milwaukee.
2nd Prem.....Albert Elsner.

Pencil drawing.

- 1st Prem.....Francesco Spicuzza.
2nd Prem.....Mrs. B. B. Denison.

Pen and ink.

- 1st Prem.....Francesco Spicuzza.
2nd Prem.....Mrs. L. M. Buell, Beloit.

SCULPTURE.

Bas relief.

- 1st Prem.....Anthony Spalthoff, Milwaukee.
 2nd Prem.....Adeline B. Bellman.
 3rd Prem.....Dr. O. W. Joslin, Milwaukee.

COPIED DIRECT FROM ORIGINALS.

Figure in oil.

- 2nd Prem.....Mrs. L. M. Buell.

Still life in oil.

- 2nd Prem.....Mrs. L. M. Buell.

Water color.

- 1st Prem.....Mrs. B. B. Denison.
 2nd Prem.....Mrs. F. G. Haight.
 3rd Prem.....Mrs. L. M. Buell.

PHOTOGRAPHS.

Collection.

- 1st Prem.....J. H. Field, Berlin.
 2nd Prem.....Gustave Moeller.
 3rd Prem.....Otto Peetz.

DECORATIVE DESIGNS.

Collection.

- 1st Prem.....Clara M. Byron.
 2nd Prem.....Alexander C. Guth, Milwaukee.
 3rd Prem.....Anna Reiter.

Specimen pyrography, leather.

- 3rd Prem.....Adeline B. Bellman.

CHINA PAINTING. (OPEN TO ALL.)

Set bread and butter plates.

- 1st Prem.....Mrs. L. E. Greenleaf, Milwaukee.
- 2nd Prem.....Phebe S. Wilbur, Milwaukee.

Bouillon cup and saucer.

- 1st Prem.....Mrs. L. E. Greenleaf.

Nut bowl.

- 1st Prem.....Mrs. P. M. Kynaston, Milwaukee.
- 2nd Prem.....Mrs. L. E. Greenleaf.

Olive dish.

- 1st Prem.....Ella McKey, Milwaukee.
- 2nd Prem.....Mrs. P. M. Kynaston.

Cracker jar.

- 1st Prem.....Mrs. L. E. Greenleaf.
- 2nd Prem.....Mrs. S. J. Malloy, Milwaukee.

Candle stick.

- 1st Prem.....Mrs. Anna E. Pierce.

Salad dish.

- 1st Prem.....Mrs. L. E. Greenleaf.
- 2nd Prem.....Mrs. L. M. Buell.

. Vase.

- 1st Prem.....Mrs. S. J. Malloy.
- 2nd Prem.....Mrs. Anna E. Pierce.

Tankard.

- 1st Prem.....Mrs. P. M. Kynaston.
- 2nd Prem.....Mrs. S. J. Malloy.

Lemonade pitcher.

- 1st Prem.....Mrs. S. J. Malloy.
- 2nd Prem.....Mrs. P. M. Kynaston.

Tea caddy.

- 1st Prem.....Mrs. L. A. Peters, Milwaukee.

Cups and saucers.

1st Prem.....	Mrs. P. M. Kynaston.
2nd Prem.....	Phebe S. Wilbur.

Lunch plates.

1st Prem.....	Mrs. P. M. Kynaston.
2nd Prem.....	Mrs. Anna E. Pierce.

Conventional cups and saucers.

1st Prem.....	Mrs. Clara Bradley.
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Chocolate pot.

1st Prem.....	Mrs. L. E. Greenleaf
2nd Prem.....	Jennie Rietveld, Milwaukee.

Creamer and sugar set.

1st Prem.....	Mrs. P. M. Kynaston.
2nd Prem.....	Mrs. L. M. Buell.

Punch bowl.

1st Prem.....	Mrs. L. E. Greenleaf.
2nd Prem.....	Mrs. Anna E. Pierce.

Jelly or marmalade jar.

1st Prem.....	Mrs. L. M. Buell.
2nd Prem.....	Mrs. Clara Bradley.

Brush and comb tray.

1st Prem.....	Mrs. L. M. Buell.
2nd Prem.....	Mrs. L. E. Greenleaf.

Chop dish.

1st Prem.....	Mrs. L. M. Buell.
2nd Prem.....	Mrs. L. E. Greenleaf.

Bonbon dish.

1st Prem.....	Mrs. S. J. Malloy.
2nd Prem.....	Mrs. Anna E. Pierce.

Jardiniere.

1st Prem.....	Mrs. P. M. Kynaston.
2nd Prem.....	Mrs. L. M. Buell.

Miniature.

- 1st Prem.....Mrs. Anna E. Pierce.
2nd Prem.....Mrs. L. M. Buell.

Tobacco jar.

- 1st Prem.....Mrs. Anna E. Pierce.
2nd Prem.....Phebe S. Wilbur.

Stein or goblet.

- 1st Prem.....Mrs. P. M. Kynaston.
2nd Prem.....Tena Fromader, Watertown.

Fernery.

- 1st Prem.....Mrs. L. M. Buell.
2nd Prem.....Mrs. P. M. Kynaston.

Fish set.

- 1st Prem.....Mrs. Anna E. Pierce.

Collection.

- 1st Prem.....Mrs. L. E. Greenleaf.
2nd Prem.....Mrs. Anna E. Pierce.

CHINA PAINTING.

(For amateurs only.)

Set of plates.

- 1st Prem.....Mrs. Enoch Chase, Milwaukee.
2nd Prem.....Jennie Rietveld.

Cream and sugar set.

- 1st Prem.....May Fourness, Milwaukee.
2nd Prem.....Laura J. Lapham, Milwaukee.

Hair receiver.

- 1st Prem.....Mrs. Enoch Chase.
2nd Prem.....May Fourness.

Salt and pepper shakers.

1st Prem.....	May Fourness.
2nd Prem.....	Jennie Rietvold.

Cup and saucer.

1st Prem.....	Laura J. Lapham.
2nd Prem.....	May Fourness.

Pen or pin tray.

1st Prem.....	May Fourness.
2nd Prem.....	Enoch Chase.

Olive dish.

1st Prem.....	May Fourness.
2nd Prem.....	Mrs. Enoch Chase.

Bonbon dish.

1st Prem.....	May Fourness.
2nd Prem.....	Mrs. Enoch Chase.

Mug.

1st Prem.....	May Fourness.
2nd Prem.....	Laura J. Lapham.

Cake Plate.

1st Prem.....	Mrs. E. Willas-Hetlesæte, Milwaukee.
2nd Prem.....	May Fourness.

Vase.

1st Prem.....	Laura J. Lapham.
2nd Prem.....	May Fourness.

WOMAN'S WORK.

Judges.

Mrs. L. Esser, Madison, Wis.

Mrs. Jennie A. Jamison, Neenan, Wis.

NEEDLE WORK DIVISION.

DRAWN WORK.

Pillow shams.

1st Prem.....Tena Fromader, Watertown, Wis.

2nd Prem.....Mrs. Lillie Dreyfus, Milwaukee, Wis.

Lunch cloth.

1st Prem.....Mrs. Henry Fischer, Jefferson, Wis.

2nd Prem.....Mrs. Chas. Lentz, Jefferson, Wis.

Six doilies.

1st Prem.....Tena Fromader.

2nd Prem.....Mrs. Chas. Lentz.

Sideboard cover.

1st Prem.....Mrs. Chas. Lentz.

2nd Prem.....Mrs. Royal S. Holmes, Austin, Minn.

Centerpiece.

1st Prem.....Mrs. Henry Fischer.

2nd Prem.....Mrs. Royal S. Holmes.

Tray or carving cloth.

1st Prem.....Mrs. A. D. Stoppenbach, Milwaukee, Wis.

2nd Prem.....Mrs. Chas. Lentz.

Pair towels.

1st Prem.....	Mrs. Chas. Lentz.
2nd Prem.....	Tena Fromader.

Three handkerchiefs.

1st Prem.....	Mrs. Henry Fischer.
2nd Prem.....	Tena Fromader.

Table cloth and six napkins.

1st Prem.....	Mrs. Henry Fischer.
2nd Prem.....	Mrs. Chas. Lentz.

Collection of drawn work.

1st Prem.....	Mrs. Henry Fischer.
2nd Prem.....	Mrs. Chas. Lentz.

EMBROIDERY.

Pillow shams.

1st Prem.....	Mary C. Nicholson, Monroe, Wis.
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Lunch cloth.

1st Prem.....	Sadie Uihlein, West Allis, Wis.
2nd Prem.....	Mrs. R. H. Talbutt, Lexington, Ky.

Centerpiece.

1st Prem.....	Amanda Adams, Milwaukee, Wis.
2nd Prem.....	Mrs. Royal S. Holmes.

Set plate doilies.

1st Prem.....	Nannie Hall, Lexington, Ky.
2nd Prem.....	Mrs. Royal S. Holmes.

Set tumbler doilies.

1st Prem.....	Nannie Hall.
2nd Prem.....	Matilda H. Alvord, Monroe, Wis.

Carving set.

1st Prem.....	Matilda H. Alvord.
2nd Prem.....	Mary C. Nicholson.

Sideboard cover.

- 1st Prem.....Maltilda H. Alvord.
2nd Prem.....Mary C. Nicholson.

Mt. Mellick centerpiece.

- 1st Prem.....Amanda Rissman, Beaver Dam, Wis.
2nd Prem.....Sadie Uihlein.

Mt. Mellick lunch cloth.

- 1st Prem.....Maltilda H. Alvord.
2nd Prem.....Nannie Hall.

Mt. Mellick doilies.

- 1st Prem.....Nannie Hall.
2nd Prem.....Amanda Rissman.

Mt. Mellick shirt waist.

- 1st Prem.....Lillie Goerdt, Madison, Wis.
2nd Prem.....Mrs. E. Westphal, Milwaukee, Wis.

Shirt waist, English eyelet embroidery.

- 1st Prem.....Mrs. E. M. Baker, Waunakee, Wis.
2nd Prem.....Mrs. Lillie Dreyfus.

Shirt waist in Hardanger.

- 1st Prem.....Mrs. C. J. Coon, Woodruff, Wis.
2nd Prem.....Ruby L. Gleason, Janesville, Wis.

Collar and cuffs in Hardanger.

- 1st Prem.....Mrs. E. Willas-Hetlesaeete, Milwaukee, Wis.
2nd Prem.....Mrs. E. Willas-Hetlesaeete.

Table cover of Hardanger.

- 1st Prem.....Mrs. E. Willas-Hetlesaeete.
2nd Prem.....Mrs. Lillie Dreyfus.

Dresser scarf in Hardanger.

- 1st Prem.....Mrs. E. Willas-Hetlesaeete.
2nd Prem.....Mary C. Nicholson.

ANNUAL REPORT OF THE

Centerpiece in Hedebo or Danish embroidery.

- 1st Prem.....Mrs. E. Westphal.
 2nd Prem.....Mrs. R. H. Talbutt.

Embroidered collar and cuffs.

- 1st Prem.....Nannie Hall.
 2nd Prem.....Ruby L. Gleason.

Three handkerchiefs.

- 1st Prem.....Mrs. R. H. Talbutt.

Corset cover.

- 1st Prem.....Mrs. W. P. Wegner, Milwaukee, Wis.
 2nd Prem.....Mrs. Susie Abert, Milwaukee, Wis.

Baby pillow.

- 1st Prem.....Adele Westphal, Milwaukee, Wis.
 2nd Prem.....Mary C. Nicholson.

Mosaic pillow.

- 1st Prem.....Mrs. E. Westphal.
 2nd Prem.....Adele Westphal.

Kloster or cross stitch pillow.

- 1st Prem.....Mattie Hall, Lexington, Ky.
 2nd Prem.....Mrs. Susie Abert.

Poster pillow.

- 1st Prem.....Mrs. W. P. Wegner.
 2nd Prem.....Mrs. S. J. Malloy, Milwaukee Wis.

College or athletic pillow.

- 1st Prem.....Viola Abert, Milwaukee, Wis.
 2nd Prem.....Estella Wilcox, Milwaukee, Wis.

Embroidery pillow.

- 1st Prem.....Amanda Rissman.
 2nd Prem.....Estella Wilcox.

LACE.

Battensburg centerpiece.

- 1st Prem.....Amanda Pagels, Milwaukee, Wis.
 2nd Prem.....Ruby L. Gleason.

Battensburg dresses set.

- 1st Prem.....Amanda Rissman,
 2nd Prem.....Viola Abert.

Battensburg curtains.

- 1st Prem.....Mrs. E. M. Baker,
 2nd Prem.....Minnie M. Becker, West Allis, Wis.

Battensburg yoke or collar.

- 1st Prem.....Ruby L. Gleason.
 2nd Prem.....Mrs. Henry Fischer.

Point yoke lace or collar.

- 1st Prem.....Mrs. E. M. Baker.
 2nd Prem.....Amanda Rissman.

Point lace or honiton doilies.

- 1st Prem.....Mrs. A. L. Roethe, Milwaukee, Wis.
 2nd Prem.....Mary C. Nicholson.

Point lace or honiton handkerchiefs.

- 1st Prem.....Viola Abert.
 2nd Prem.....Amanda Rissman.

Honiton centerpiece.

- 1st Prem.....Mrs. E. Westphal.
 2nd Prem.....Mary C. Nicholson.

Tatting handkerchief.

- 1st Prem.....Mary C. Nicholson.
 2nd Prem.....Mrs. Royal S. Holmes.

Tatting collar.

- 1st Prem.....Mrs. L. C. Huckstep.
 2nd Prem.....Mrs. Lillie Dreyfus.

Tatting doilies.

- 1st Prem.....Margaret L. Brandel, Milwaukee, Wis.
 2nd Prem.....Mrs. L. C. Huckstep, Bowling Green, Mo.

Netted lace handkerchief.

- 1st Prem.....Mrs. Susie Abert.
 2nd Prem.....Mrs. Susan Moffett, Milwaukee, Wis.

Netted lace doilies.

- 1st Prem.....Mrs. W. P. Wegner.
 2nd Prem.....Viola Abert.

Hand-made lace tie.

- 1st Prem.....Mrs. A. Gudlick, Bristol, Wis.
 2nd Prem.....Mrs. E. Westphal.

Child's bonnet.

- 1st Prem.....Mrs. Susie Abert.
 2nd Prem.....Viola Abert.

Collection of hand-made handkerchiefs.

- 1st Prem.....Mrs. Lillie Dreyfus.
 2nd Prem.....Margaret L. Brandel.

 KNITTING.

Shawl.

- 1st Prem.....Mrs. Royal S. Holmes.
 2nd Prem.....Mrs. A. Meyer, Portage, Wis.

Fascinator.

- 1st Prem.....Mrs. Susie Abert.
 2nd Prem.....Mrs. Lillie Dreyfus.

Silk mittens.

- 1st Prem.....Mattie Hall.
 2nd Prem.....Mrs. Susie Abert.

Baby's socks or shoes.

- 1st Prem.....Mrs. Anna L Corwith, Reedsburg, Wis.
- 2nd Prem.....Mrs. L. C. Huckstep.

Fancy hood or cap.

- 1st Prem.....Mrs. L. C. Huckstep.
- 2nd Prem.....Mrs. W. P. Wegner.

Two or more yards of lace.

- 1st Prem.....Mattie Hall.
- 2nd Prem.....Mrs. Henry Fischer.

Slippers or shoes.

- 1st Prem.....Mrs. Anna L. Corwith.
- 2nd Prem.....Mattie Hall.

Woolen Gloves.

- 1st Prem.....Mrs. Susie Abert.
- 2nd Prem.....Mrs. Anna L. Corwith.

Woolen leggins.

- 1st Prem.....Mrs. Susie Abert.
- 2nd Prem.....Tena Fromader.

Woolen Stockings.

- 1st Prem.....Mrs. A. D. Stoppenbach.
- 2nd Prem.....Mrs. E. M. Baker.

Woolen socks.

- 1st Prem.....Mrs. L. C. Huckstep.
- 2nd Prem.....Mrs. John Hans, Jefferson, Wis.

Lady's skirt.

- 1st Prem.....Mrs. E. M. Baker.
- 2nd Prem.....Mrs. Susie Abert.

Child's skirt.

- 1st Prem.....Mary C. Nicholson.
- 2nd Prem.....Mrs. Henry Fischer.

Lady's sweater.

- 1st Prem.....Mrs. Susie Abert.
2nd Prem.....Ruby L. Gleason.

Lounge or carriage robe.

- 1st Prem.....Mattie Hall.
2nd Prem.....Mrs. Chas. Lentz.

Counterpane.

- 1st Prem.....Mrs. Henry Fischer.

 CROCHET.

Child's bonnet.

- 1st Prem.....Viola Abert.
2nd Prem.....Mrs. Henry Fischer.

Shawl.

- 1st Prem.....Mrs. A. Meyer.
2nd Prem.....Tena Fromader.

Fascinator.

- 1st Prem.....Mrs. Royal S. Holmes.
2nd Prem.....Mrs. A. Meyer.

Baby's sack.

- 1st Prem.....Mrs. Anna L. Corwith.
2nd Prem.....Mattie Hall.

Lady's skirt.

- 1st Prem.....Mrs. A. Meyer.
2nd Prem.....Mattie Hall.

Child's skirt.

- 1st Prem.....Mrs. A. D. Stoppenbach.
2nd Prem.....Mrs. Henry Fischer.

Slippers or shoes.

- 1st Prem.....Mattie Hall.
2nd Prem.....Mrs. E. Westphal.

Baby's socks or shoes.

- 1st Prem.....Mrs. Susie Abert.
- 2nd Prem.....Mrs. Royal S. Holmes.

Lace or insertion.

- 1st Prem.....Mrs. Henry Fischer.
- 2nd Prem.....Mrs. A. Meyer.

Lounge or carriage robe.

- 1st Prem.....Mattie Hall.
- 2nd Prem.....Mrs. E. Willas-Hetlesaeete.

Curtains.

- 1st Prem.....Mrs. E. Westphal.

Counterpane.

- 1st Prem.....Mattie Hall.
- 2nd Prem.....Mrs. A. Meyer.

DOMESTIC MANUFACTURE.

Fancy Purse.

- 1st Prem.....Caroline Schmasow, Milwaukee, Wis.
- 2nd Prem.....Mrs. W. P. Wegner.

Fancy Apron.

- 1st Prem.....Tena Fromader.
- 2nd Prem.....Mrs. Henry Fischer.

Traveling bag or case.

- 1st Prem.....State Public School, Sparta Wis.
- 2nd Prem.....Mrs. E. Westphal.

Child's apron.

- 1st Prem.....Mrs. Lynn S. Pease, Wauwatosa, Wis.
- 2nd Prem.....Mrs. W. P. Wegner.

Mantel or piano scarf.

- 1st Prem.....Lillie Goerdt.
- 2nd Prem.....Mary C. Nicholson.

Shopping bag.

1st Prem.....	Matilda H. Alvord.
2nd Prem.....	Mrs. S. Poppe.

Necktie case.

1st Prem.....	Mrs. E. Westphal.
2nd Prem.....	Caroline Schmasow.

Whisk broom holder.

1st Prem.....	Mrs. Royal S. Holmes.
2nd Prem.....	Viola Abert.

Handkerchief case.

1st Prem.....	Mrs. R. H. Talbutt.
2nd Prem.....	Mary C. Nicholson.

Stocking bag.

1st Prem.....	Caroline Schmasow.
2nd Prem.....	Mrs. Lynn S. Pease.

Glove case.

1st Prem.....	Mrs. R. H. Talbutt.
2nd Prem.....	Caroline Schmasow.

Magazine holder.

1st Prem.....	Mary C. Nicholson.
2nd Prem.....	Mrs. E. Westphal.

Laundry bag.

1st Prem.....	Mrs. A. D. Stoppenbach.
2nd Prem.....	Mrs. E. Westphal.

Pin cushion.

1st Prem.....	Viola Abert.
2nd Prem.....	Adele Westphal.

Fancy work basket.

1st Prem.....	Mrs. W. P. Wegner.
2nd Prem.....	Mrs. Royal S. Holmes.

Kitchen apron.

1st Prem.....	Viola Abert.
2nd Prem.....	Mrs. A. Meyer.

Patched mending.

- 1st Prem.....Mrs. Susie Abert.
 2nd Prem.....Mrs. A. Meyer.

Darned mending.

- 1st Prem.....Mrs. A. D. Stoppenbach.
 2nd Prem.....Ruby L. Gleason.

Pieced quilt, quilted.

- 1st Prem.....Ruby L. Gleason.
 2nd Prem.....Minnie M. Becker.

Log cabin quilt, silk.

- 2nd Prem.....Mary C. Nicholson.

Log cabin quilt, wool.

- 1st Prem.....Minnie Wiese, Wauwatosa, Wis.
 2nd Prem.....Minnie Wiese.

Silk puff or fancy quilt.

- 1st Prem.....Salome Battles, Milwaukee, Wis.
 2nd Prem.....Alinda Jenczewsky, Milwaukee, Wis.

Hand-made rug.

- 1st Prem.....Mrs. Susan Moffett.
 2nd Prem.....Mrs. E. Willas-Hetlesaeete.

Five yards rag carpet.

- 1st Prem.....Mrs. A. D. Stoppenbach.
 2nd Prem.....Mrs. A. D. Stoppenbach.

CHILDREN'S CLASS.

Pillow shams.

- 1st Prem.....Elsie Meyer, Milwaukee, Wis.
 2nd Prem.....Mary E. Pease, Wauwatosa, Wis.

Centerpiece and doilies.

- 1st Prem.....Lydia Wollenburg, Milwaukee, Wis.
 2nd Prem.....Josephine Stoppenbach, Milwaukee, Wis.

Collecton of doilies.

1st Prem.....	Lydia Wollenburg.
2nd Prem.....	Josephine Stoppenbach.

Dozen button holes.

1st Prem.....	Lydia Wollenburg.
2nd Prem.....	Alice I. Clapp, Wauwatosa, Wis.

Hem stitching.

1st Prem.....	Marie Holman, Milwaukee, Wis.
2nd Prem.....	Elsie Meyer.

Lace or insertion..

1st Prem.....	Josephne Stoppenbach.
2nd Prem.....	Elsie Meyer.

Doll's outfit of clothes.

1st Prem.....	Marie Holman.
2nd Prem.....	Josephine Stoppenbach

Pin cushion.

1st Prem.....	Alice I. Clapp.
2nd Prem.....	Elsie Meyer.

Sofa pillow.

1st Prem.....	State Public School, Sparta, Wis.
2nd Prem.....	Marie Holman.

Specimen handwriting.

1st Prem.....	Josephine Stoppenbach.
2nd Prem.....	Alice I. Clapp.

Specimen burnt wood.

1st Prem.....	Lydia Wollenburg.
2nd Prem.....	Lydia Wollenburg.

Charcoal drawing.

1st Prem.....	Josephine Stoppenbach.
2nd Prem.....	Mary E. Pease.

Pen and ink etching.

1st Prem.....	Mary E. Pease.
2nd Prem.....	Alice I. Clapp.

Water color.

1st Prem.....Josephine Stoppenbach.

Pastel.

1st Prem.....Josephine Stoppenbach.

Map of Wisconsin.

1st Prem.....Alice I. Clapp.

2nd Prem.....Mary E. Pease.

CULINARY DIVISION.

White Bread.

1st Prem.....Mrs. Lizzie M. Wright, West Allis, Wis.

2nd Prem.....Industrial School, Waukesha, Wis.

Boston brown bread.

1st Prem.....Mrs. L. Yanke, Waukesha, Wis.

2nd Prem.....Mrs. Lizzie M. Wright.

Rye bread.

1st Prem.....Mrs. L. Yanke.

2nd Prem.....Mrs. Amelia A. Laning, Milwaukee, Wis.

Graham bread.

1st Prem.....Mrs. Thos. Bowes, Beaver Dam, Wis.

2nd Prem.....Mrs. A. D. Stoppenbach.

Whole wheat bread.

1st Prem.....Adele Westphal.

2nd Prem.....Mrs. E. Westphal.

Light rolls.

1st Prem.....Mrs. L. Yanke.

2nd Prem.....Mrs. E. L. Douville, West Allis, Wis.

Baking powder biscuit.

1st Prem.....Mrs. L. Yanke.

2nd Prem.....Mrs. T. P. Leonard, West Allis, Wis.

ANNUAL REPORT OF THE

Yeast-raised doughnuts.

- 1st Prem.....Mrs. F. J. Granger, Calhoun, Wis.
 2nd Prem.....Mrs. T. P. Leonard.

Baking powder doughnuts.

- 1st Prem.....Mrs. Lizzie M. Wright.
 2nd Prem.....Mrs. T. P. Leonard.

Loaf fruit cake.

- 1st Prem.....Mrs. John Hans.
 2nd Prem.....Mrs. F. J. Granger.

Loaf nut cake.

- 1st Prem.....Mrs. T. P. Leonard.
 2nd Prem.....Adele Westphal.

Loaf Chocolate cake.

- 1st Prem.....Adele Westphal.
 2nd Prem.....Mrs. E. Westphal.

Loaf angel cake.

- 1st Prem.....Mrs. S. Poppe.
 2nd Prem.....Mrs. F. J. Granger.

Loaf sunshine cake.

- 1st Prem.....Mrs. Lillie Dreyfus.
 2nd Prem.....Mrs. E. Westphal.

Loaf date cake.

- 1st Prem.....Mrs. William Sweeney, Fox Lake, Wis.
 2nd Prem.....Mrs. F. J. Granger.

Loaf devil's food cake.

- 1st Prem.....Mrs. E. Westphal.
 2nd Prem.....Adele Westphal.

Layer chocolate cake.

- 1st Prem.....Mrs. E. Westphal.
 2nd Prem.....Mrs. Lizzie M. Wright.

Layer cocoanut cake.

- 1st Prem.....Mrs. Thos. Bowes.
2nd Prem.....Mrs. Lizzie M. Wright.

Layer orange cake.

- 1st Prem.....Mrs. W. P. Wegner.
2nd Prem.....Mrs. William Sweeney.

Layer fig cake.

- 1st Prem.....Mrs. Lizzie M. Wright.
2nd Prem.....Mrs. Thos. P. Leonard.

Layer cake with nut filling.

- 1st Prem.....Mrs. Lizzie M. Wright.
2nd Prem.....Mrs. Lynn S. Pease.

White cookies.

- 1st Prem.....Mrs. F. J. Granger.
2nd Prem.....Mrs. L. Yanke.

Dark cookies.

- 1st Prem.....Mrs. L. Yanke.
2nd Prem.....Mrs. Thos. Bowes.

Rock cookies.

- 1st Prem.....Mrs. L. Yanke.
2nd Prem.....Alice I. Clapp.

Apple pie.

- 1st Prem.....Mrs. F. J. Granger.
2nd Prem.....Mrs. L. Yanke.

Mince pie.

- 1st Prem.....Mrs. F. J. Granger.
2nd Prem.....Mrs. Thos. Bowes.

Pumpkin pie.

- 1st Prem.....Mrs. E. L. Douville.
2nd Prem.....Mrs. L. Yanke.

Tarts.

- 1st Prem.....Mrs. A. D. Stoppenbach.
2nd Prem.....Mrs. Amelia A. Laning.

Baked beans.

1st Prem.....	Mrs. S. Poppe.
2nd Prem.....	Mrs. Thos. Bowes.

Saratoga chips.

1st Prem.....	Mrs. E. Westphal.
2nd Prem.....	Amanda Rissman.

Home-made candy.

1st Prem.....	Mrs. John Hans.
2nd Prem.....	Mrs. A. D. Stoppenbach.

 CANNED FRUIT.

Peaches.

1st Prem.....	Mrs. E. Westphal.
2nd Prem.....	Mrs. Susie Abert.

Native plums.

1st Prem.....	Mrs. E. Westphal.
2nd Prem.....	Mrs. L. Yanke.

Currants.

1st Prem.....	Mrs. Adele Westphal.
2nd Prem.....	Mrs. S. Poppe.

Tomatoes.

1st Prem.....	Mrs. Thos. Bowes.
2nd Prem.....	Mrs. L. Yanke.

Gooseberries.

1st Prem.....	Mrs. E. Westphal.
2nd Prem.....	Mrs. S. Poppe.

Red raspberries.

1st Prem.....	Mrs. L. Yanke.
2nd Prem.....	Adele Westphal.

Black raspberries.

- 1st Prem.....Mrs. Amelia A. Laning.
2nd Prem.....Mrs. Lynn S. Pease.

Strawberries.

- 1st Prem.....Mrs. F. J. Granger.
2nd Prem.....Mrs. John Hans.

Blackberries.

- 1st Prem.....Mrs. F. J. Granger.
2nd Prem.....Mrs. E. Westphal.

Grapes.

- 1st Prem.....Mrs. E. Westphal.
2nd Prem.....Mrs. F. J. Granger.

Pears.

- 1st Prem.....Adele Westphal.
2nd Prem.....Mrs. F. J. Granger.

Cherries.

- 1st Prem.....Mrs. F. J. Granger.
2nd Prem.....Mrs. L. Yanke.

Pineapple.

- 1st Prem.....Mrs. W. P. Wegner.
2nd Prem.....Mrs. S. Poppe.

JELLY.

Native plum.

- 1st Prem.....Mrs. John Hans.
2nd Prem.....Mrs. S. Poppe.

Currant.

- 1st Prem.....Mrs. John Hans.
2nd Prem.....Mrs. L. Sheldon, Milwaukee, Wis.

Red raspberry.

1st Prem.....	Mrs. L. Yanke.
2nd Prem.....	Mrs. S. Poppe.

Crab apple.

1st Prem.....	Alice I. Clapp.
2nd Prem.....	Mrs. L. Yanke.

Grape.

1st Prem.....	Mrs. Thos. Bowes.
2nd Prem.....	Amanda Rissman.

Quince.

1st Prem.....	Mrs. L. Yanke.
2nd Prem.....	Adele Westphal.

 JAM.

Raspberry.

1st Prem.....	Mrs. E. Westphal.
2nd Prem.....	Mrs. S. Poppe.

Blackberry.

1st Prem.....	Mrs. L. Yanke.
2nd Prem.....	Adele Westphal.

Strawberry.

1st Prem.....	Mrs. Thos. Bowes.
2nd Prem.....	Adele Westphal.

Native plum.

1st Prem.....	Mrs. Thos. Bowes.
2nd Prem.....	Mrs. John Hans.

Apple butter.

1st Prem.....	Mrs. L. Yanke.
2nd Prem.....	Mrs. W. P. Wegner.

Grape marmalade.

- 1st Prem.....Mrs. F. J. Granger.
2nd Prem.....Mrs. Thos. Bowes.

PICKLES.

Crab apple.

- 1st Prem.....Mrs. F. J. Granger.
2nd Prem.....Mrs. Thos. Bowes.

Peach.

- 1st Prem.....Mrs. Thos. Bowes.
2nd Prem.....Mrs. Amelia A. Laning.

Pear.

- 1st Prem.....Mrs. W. P. Wegner.
2nd Prem.....Mrs. Thos. Bowes.

Cucumber, sweet, ripe.

- 1st Prem.....Mrs. W. P. Wegner.
2nd Prem.....Mrs. Amelia A. Laning.

Cucumber pickles in olive oil.

- 1st Prem.....Mrs. F. J. Granger.
2nd Prem.....Mrs. W. P. Wegner.

Pickled cauliflower.

- 1st Prem.....Adele Westphal.
2nd Prem.....Mrs. L. Yanke.

Dill pickles.

- 1st Prem.....Mrs. Amelia A. Laning.
2nd Prem.....Mrs. S. Poppe.

Sour pickles.

- 1st Prem.....Mrs. W. P. Wegner.
2nd Prem.....Mrs. S. Poppe.

Onion pickles.

1st Prem.....	Mrs. L. Yanke.
2nd Prem.....	Mrs. E. Westphal.

Mustard pickles.

1st Prem.....	Mrs. S. Poppe.
2nd Prem.....	Mrs. E. Westphal.

Mixed pickles.

1st Prem.....	Mrs. L. Yanke.
2nd Prem.....	Mrs. Thos. Bowes.

Catsup.

1st Prem.....	Mrs. A. H. Claymier, Milwaukee, Wis.
2nd Prem.....	Mrs. Thos. Bowes.

Best and largest exhibit in class.

1st Prem.....	Mrs. L. Yanke.
2nd Prem.....	Mrs. F. J. Granger.

 GIRL'S CULINARY CLASS.

White bread.

1st Prem.....	Josephine Stoppenbach.
2nd Prem.....	Alice I. Clapp.

Baking powder biscuit.

1st Prem.....	Josephine Stoppenbach.
2nd Prem.....	Lydia Wollenburg.

Plain white cake.

1st Prem.....	Lydia Wollenburg.
2nd Prem.....	Alice I. Clapp.

Soft gingerbread.

1st Prem.....	Alice I. Clapp.
2nd Prem.....	Lydia Wollenburg.

White cookies.

1st Prem.....Lydia Wollenburg.
2nd Prem.....Mary E. Pease.

Dark cookies.

1st Prem.....Josephine Stoppenbach.
2nd Prem.....Alice I. Clapp.

Rock cookies.

1st Prem.....Alice I. Clapp.
2nd Prem.....Josephine Stoppenbach.

Crab apple jelly.

1st Prem.....Alice I. Clapp.
2nd Prem.....Mary E. Pease.

Currant jelly.

1st Prem.....Mary E. Pease.
2nd Prem.....Lydia Wollenburg.

Plum jelly.

1st Prem.....Mary E. Pease.
2nd Prem.....Alice I. Clapp.

Home-made candy.

1st Prem.....Josephine Stoppenbach.

SPEED DEPARTMENT.

Starting Judge.

F. E. Stone, Burlington, Wis.

STAKE RACES.

2:12 Trot. Purse, \$1,000.

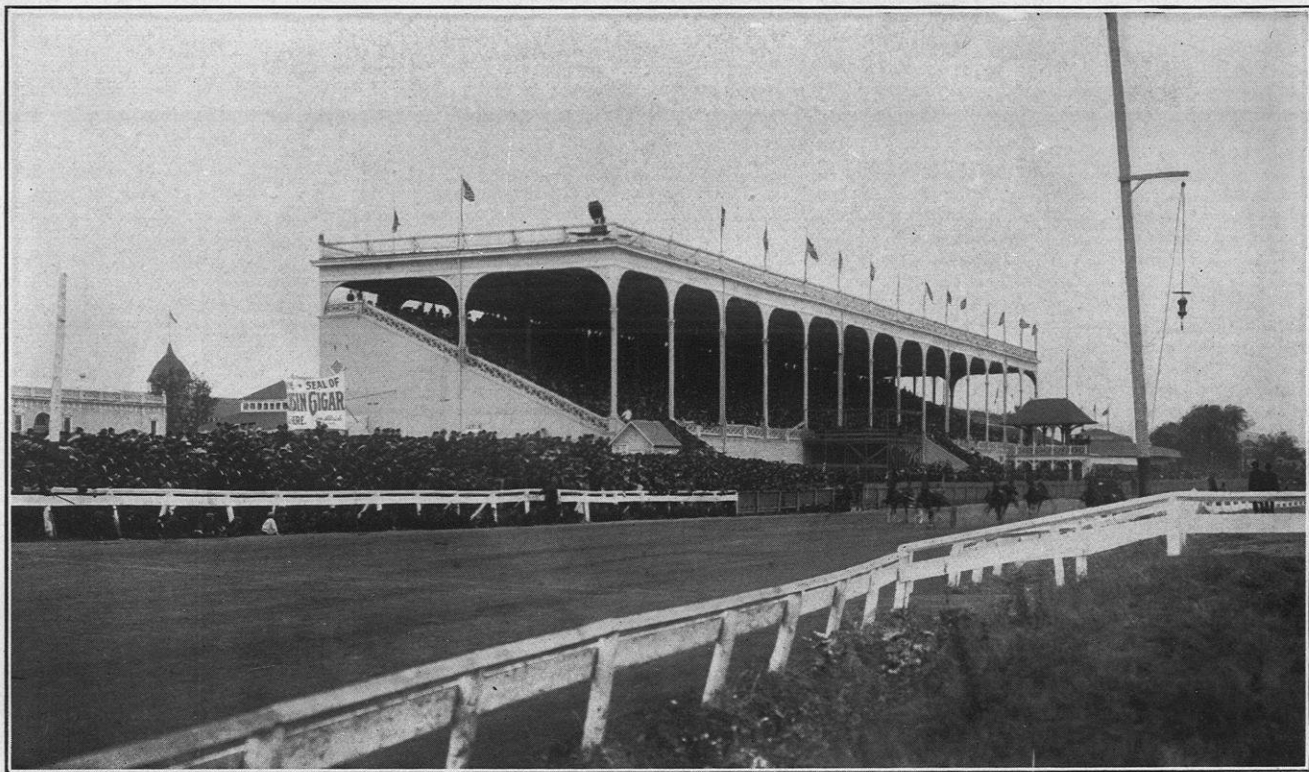
Trixie H, b. m. Fred Kleiner, Eau Claire, Wis.....	3—1—4—1—1
Barongale, br. s. Riverside Farm, Berlin, Wis.....	2—2—1—3—2
Bonner, br. g. Harrie Jones, Rushville, Ind.....	1—4—3—2—4
Ettie L, ch. m. Chas E. Dean, Palatine, Ill.....	4—3—2—4—3
Time, 2:14¼. 2:16. 2:12¾. 2:13½. 2:14.	

2:16 Trot. Purse, \$2,500.

Belle C, br. m. M. R. Higbee, Albert Lea, Minn.....	1—1—1
Lady Pauline, b. m. Riverside Farm, Berlin, Wis.....	2—2—2
William J, br. g. T. W. Kinser, Chicago, Ill.....	3—3—3
Golden Seal, br. m. P. J. Liston, Enid, Okla.....	5—6—4
Ballast br. g. J. A. Barrett, Shelbyville, Tenn.....	4—7—7
Mollie S, b. m. T. F. McDermott, De Kalb, Ill.....	7—5—6
Nancy Holland, br. m. Ed Holland, Bloomington, Ill.....	8—8—5
Alcarno, b. h. P. B. Haight, Parsons, Kas.....	6—4—Dr.
Time, 2:13¼. 2:11¾. 2:13.	

2:21 Trot. Purse, \$5,000.

Advancer, b. g. Forest Park Farm, Brandon, Vt.....	1—1—1
Dixon, ch. s. W. C. Allen, Moline, Ill.....	3—2—2
Lady Mowry, b. m. J. C. Mowry, Cleveland, Ohio.....	2—3—5
Danube, br. s. East View Stock Farm, East View, N. Y.....	6—4—3



AT THE START

Belfast, b. g. J. A. Barrett, Shelbyville, Tenn.....	4—5—4
Fred C, b. g. Frank Colby, Sheridan, Ind.....	5—6—7
King Airy, br. s. Chas. E. Dean, Palatine, Ill.....	7—7—6
Time, 2:11 $\frac{1}{4}$. 2:11 $\frac{1}{2}$. 2:12 $\frac{3}{4}$.	

2:24 Trot. Purse, \$1,000.

Watson, s. g. J. T. Wickersham, Windsor, Ont.....	1—1—1
Harry Simmons, b. g. John Hussey, Louisville, Ky.....	3—2—2
Betsy Ford, blk. m. Chas. E. Dean, Palatine, Ill.....	2—4—5
Grace A, ch. m. E. D. Pendelton & Sons, Nat. Stock Yds., Ill	8—3—3
Myra B, b. m. William Dagler, Jr., Rushville, Ind.....	4—5—4
Belle G, ch. m. E. T. Gumz, Milwaukee, Wis.....	5—7—6
Belle Gamaleon, b. m. Oakwood Stock Farm, Geneva, Ill....	6—6—8
Marveletta, b. m. Harrie Jones, Rushville, Ind.....	7—8—7
Time, 2:16. 2:15. 2:13.	

2:30 Trot. Purse, \$1,000.

Billy B, s. g. T. C. Neal, Montpelier, Ind.....	1—1—1
Bi Flora, b. m. John Splan, Lexington, Ky.....	3—2—2
Emma Brook, b. m. Riverside Farm, Berlin, Wis.....	2—4—3
Com. Beaufort, br. g. W. O. Foote, Dallas, Tex.....	4—3—4
Janita, ch. m. Oakwood Stock Farm, Geneva, Ill.....	5—5—5
Time, 2:16 $\frac{3}{4}$. 2:15. 2:14 $\frac{3}{4}$.	

2:40 Trot. Purse, \$1,000.

Little Wonder, br. g. J. E. Sibley, Antioch, Ill.....	1—1—1
Silver, ch. g. Geo. C. Loomis, Minneapolis, Minn.....	2—2—2
Frank Lowden, br. m. Peter Vredenburg, Springfield, Ill..	5—3—3
Hattie B, b. m. Oakwood Stock Farm, Geneva, Ill.....	3—4—4
Gramattan, b. m. J. A. McIntire, Sheridan, Ind.....	4—6—6
Great Britton, b. h. L. L. Battey, Hutchinson, Kas.....	6—5—6
Time, 2:20 $\frac{1}{4}$. 2:17 $\frac{1}{2}$. 2:18 $\frac{1}{4}$.	

ANNUAL REPORT OF THE

2:06 Pace. Purse, \$1,000.

The Broncho, b. m. Chas. E. Dean, Palatine, Ill.....	4-1-1-1
Hazel Patch, blk. h. J. W. Flack, Milwaukee, Wis.....	1-2-2-2
Fantine, b. m. Harrie Jones, Rushville, Ind.....	2-3-3-3
Red Light, ch. h. W. O. Foote, Dallas, Tex.....	3-4-4-4
Time, 2:07. 2:04¾. 2:03¾. 2:05½.	

2:13 Pace. Purse, \$5,000.

Bolivar, br. g. East View Stock Farm, East View, N. Y. 11-1-1-1	11-1-1-1
Ed Patch, b. h. E. M. Blessing, Danville, Ind.....	1-2-2-3
Joe Gales, b. g. Roy McDonald, Sault Ste. Marie, Mich..	2-4-9-2
Castlewood, c. g. Mrs. G. J. Thomas, Eau Claire, Wis...	3-3-7-5
Rex, ro. g. D. J. Fenelon, Ripon, Wis.....	5-5-3-4
Red Ash, b. h. P. B. Haight, Parsons, Kas.....	4-9-5-9
Bill Bailey, ch. g. W. W. Fleming, Winnipeg, Man.....	7-6-4-6
Red King, b. g. J. Carson, Winnipeg, Man.....	10-8-6-7
Nutwood Grattan, b. h. S. S. Brandt, Montgomery, Mo..	8-7-8-8
Rodney Wilkes, b. g. J. H. Leeds, Sullivan, Ill.....	9-11-10-10
Elbrino, b. s. T. H. Porter & Co., St. John, Mich.....	6-10-Dr.
Direct Wood, br. s. J. E. Cornell, Keithsburg, Ill.....	Dis.
Lula May, blk. m. L. Schillinger, Birmingham, Ala.....	Dis.
Time, 2:08¾: 2:07½. 2:11.	

2:16 Pace. Purse, \$2,500.

Colonel H, ch. g. E. E. Schmidt, Chicago, Ill.....	6-4-1-1-1
Lillian, br. m. S. H. Newman, Algoma, Wis.....	3-1-10-2-2
Ed C, b. g. W. O. Foote, Dallas, Tex.....	1-6-9-3-4
Star Patch, br. s. William Dagler, Jr., Rushville, Ind.	2-2-3-7-7
Milo, b. g. Allen Bros., Marion, Ia.....	11-5-2-6-8
Leslie Waterman, ch. g. M. R. Higbee, Albert Lea, Minn	4-3-8-4-3
Marion Belle, b. m. Frank Leake, Marion, Wis.....	8-9-4-5-5
Auto, ch. g. Carl Rooks, Coldwater, Mich.....	5-10-5-8-6
Billie A, b. g. J. C. Adams, Phoenix, Ariz.....	13-7-7-9-9
Lyga A, b. m. Frank Rayburn, Roseville, Ill.....	7-11-11-11-10
Alice Medium, b. m. Leo B. Marks, Eldora, Ia.....	9-8-6-10-Dr.
Fremont S, s. g. Joseph Bassett, Clinton Junction, Wis.	10-Dis.
Windhoest, cr. g. Gus Haveman, Piqua, Ohio.....	12-Dis.
Time, 2:10. 2:10½. 2:10¾. 2:11½. 2:12¾.	

2:20 Pace. Purse, \$1,000.

Lillian, br. m. S. H. Newman, Algoma, Wis.....	1-1-1
Onward Star, br. s. Chas. E. Dean, Palatine, Ill.....	2-2-2
Don Romo, b. s. Allen Bros., Marion, Ia.....	5-4-2
Lena S, b. m. Frank Burkhalter, Mequon, Ill.....	3-7-5
Cashwood, ch. g. Riverside Farm, Berlin, Wis.....	8-3-7
Afrite C, br. s. M. B. Harkness, Oconto, Wis.....	7-5-4
The Elk, b. g. P. B. Haight, Parsons, Kas.....	4-6-6
Miss Anderson, b. m. Babcock, Winnie & Hoyle, Honey Creek, Wis.....	6-8-Dr.
Time, 2:09½. 2:08¼. 2:09¼.	

2:25 Pace. Purse, \$1,000.

Don Romo, b. s. Allen Bros., Marion, Ia.....	1-1-1
Sally Pointer, br. m. J. C. Adams, Phoenix, Ariz.....	2-3-4
Legateer, br. s. Woodlawn Farm Co., Sterling, Ill.....	4-2-3
A. W. M., s. g. Jas. E. Carew, Ottawa, Ill.....	3-4-2
Patrick Henry, b. g. Henry Bros., Kenosha, Wis.....	5-5-5
Time, 2:14½. 2:14¼. 2:18.	

2:35 Pace. Purse, \$1,000.

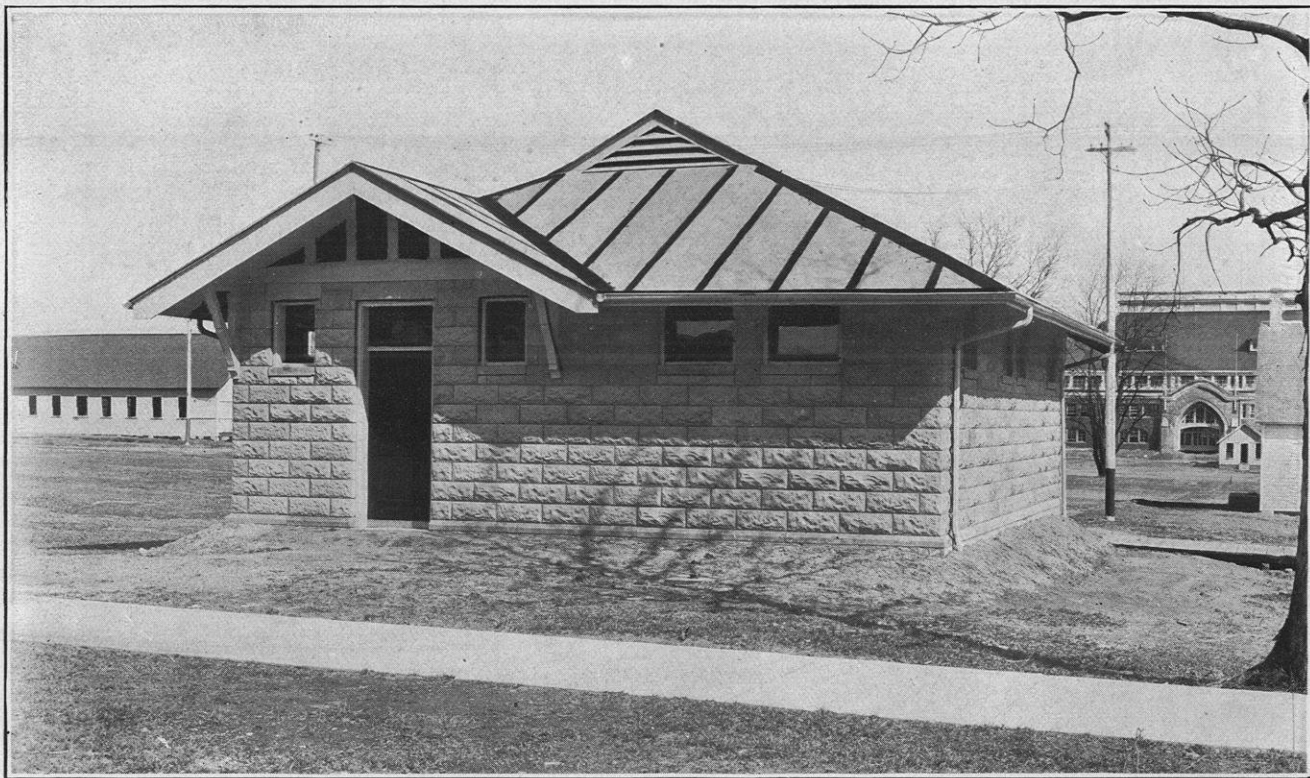
Sally Pointer, br. m. J. C. Adams, Phoenix, Ariz.....	1-2-3-1-1
Norvallis, b. m. Schradder Bros., Half Day, Ill.....	2-1-1-2-4
Lillie Clay, b. m. J. F. Barbee, Millersburg, Ky.....	3-4-4-3-2
Uncle Jim, b. g. Jas. E. Carew, Ottawa, Ill.....	5-5-2-4-3
Frank Be Sure, b. s. John H. Mack, West Bend Wis.....	4-3-5-5-Dr.
Director Rean, ch. g. John Splan, Lexington, Ky.....	6-Dis.
Cashwood, ch. g. Riverside Farm, Berlin, Wis.....	7-Dis.
Time, 2:11¼. 2:12½. 2:14½. 2:12½. 2:17½.	

3 Year Old Pacing. Purse, \$500.

Betsy blk. m. W. H. Judy, Atlanta, Ill.....	1-1-1
John Kirby, b. h. W. O. Foote, Dallas, Tex.....	3-2-2
Josie M, b. m. E. W. Conant, Loveland, Ohio.....	2-4-4
Borowood, blk. s. Chas. E. Dean, Palatine, Ill.....	4-3-3
Time, 2:14. 2:14½. 2:15½.	

Special 2 Year Old Trot.

Ed Custer, ch. s. Riverside Farm, Berlin, Wis.....	1—1
Gov. Francis, b. h. W. O. Foote, Dallas, Tex.....	2—2
Time, 2:19. 2:17.	



CENTRAL TOILET. STATE FAIR GROUNDS.

REPORTS OF DEPARTMENT SUPERINTENDENTS.

HORSE DEPARTMENT.

To the Wisconsin State Board of Agriculture,

Gentlemen:—I herewith submit my report as superintendent of the horse department during the fair held in Milwaukee, September 11-15, 1905.

The exhibit was large, and I think I may say as good as was ever shown at a Wisconsin state fair. The barns were completely filled and quite a number of horses were stabled outside of grounds. Mr. John S. Donald as assistant superintendent, was very efficient, and earned the good will of all the exhibitors by his prompt and courteous dealings with all.

The board was very much disappointed in not having the new judging pavilion finished, although the horses and cattle both, were judged in the building, but we can assure the people of Wisconsin that at the fair of 1906 the judging pavilion will be finished, and we predict it to be the center of attraction on the fair grounds. The building will seat about four thousand people, and the board invites everyone to visit the pavilion and see the judging of horses and cattle.

I am pleased to report that the general classification of premiums in the horse department seemed to give universal satisfaction. I would recommend that the classes for Wisconsin breeders be increased in some way so as to bring out a larger

state exhibit, as I predict a larger and better horse exhibit at the next fair. I am satisfied that it will be necessary to erect another horse barn to enable us to accommodate all show horses on fair grounds.

W. A. Dobson of Marion, Iowa, placed the awards in the light horse and roadster classes, in a very impartial and satisfactory manner, and W. E. Pritchard of Ottawa, Ill., judged the draft breeds to the general satisfaction of the exhibitors.

I am pleased to give names of the exhibitors as follows:

Percheron and French Draft.

G. N. Mihills, Fond du Lac, Wis.

Ethelwold Farms, Mondovi, Wis.

H. A. Briggs, Elkhorn, Wis.

James G. Boyd, Milwaukee, Wis.

Finch Bros., Joliet, Ill.

Lewis Lewellin & Sons, Waterloo, Wis.

Clydesdale.

Ethelwold Farms.

McLay Bros., Janesville, Wis.

English Shire.

Finch Bros.

Belgian and Other Registered Draft Breeds.

H. A. Briggs.

Prosper Van Noyen, Oconomowoc, Wis.

American, English, German and French Coach Horses.

Finch Bros.

August Uihlein, Milwaukee, Wis.

F. H. Matthes, Hustisford, Wis.

J. R. Peak & Son, Winchester, Ill.

Standard Bred and Registered Trotting Horses.

August Uihlein.

J. R. Peak & Son.

Progress Blue Ribbon Stud, Milwaukee, Wis.

Alfred von Cotzhausen, Milwaukee, Wis.

R. S. Witte, Waukesha, Wis.

D. W. Powell, Waukesha, Wis.

Gaited Saddle Horses.

Progress Blue Ribbon Stud.

H. T. Graber, Mineral Point, Wis.

Ray Biggs, Waukesha, Wis.

Dr. J. T. Unertl, Milwaukee, Wis.

S. V. Davidor, Milwaukee, Wis.

Hans Berg, Milwaukee, Wis.

R. S. Witte.

Harness Horses.

J. R. Peak & Son.

Goldenstein Bros., Onarga, Ill.

Alfred von Cotzhausen.

Ray Biggs.

Progress Blue Ribbon Stud.

S. V. Davidor.

Shetland Ponies.

August Uihlein.

Adam Seitz, Waukesha, Wis.

FARMER'S CLASSES.

Grade Draft.

John H. Williams, Waukesha, Wis.

Sleep Bros., Waukesha, Wis.

Geo. McKerrow & Sons, Pewaukee, Wis.

Grade Coaches.

Henry Tennessen, Menomonee Falls, Wis.
Sleep Bros.
Rowlands Bros., Waukesha, Wis.
Henry Torhorst & Sons, Waukesha, Wis.
John H. Williams.

Non-Registered Roadsters.

Fox Bros., Waukesha, Wis.
Henry T. Graber.
R. S. Witte.
Daniel Schley, Waukesha, Wis.
J. R. Love, Waukesha, Wis.

Respectfully submitted,

GEORGE G. COX,
Superintendent.

CATTLE DEPARTMENT.

To the Wisconsin State Board of Agriculture.

Gentlemen: The cattle exhibit of the Wisconsin state fair for the year 1905, was the largest show of cattle ever brought together on a Wisconsin fair ground; and the strong feature of the show was that it was largely made up of Wisconsin stock, justifying the wisdom of the board in making classes exclusively for Wisconsin breeders.

Additional barn room will be necessary before another fair, as the accommodations this year were taxed to the utmost.

Respectfully submitted,

GEO. WYLIE,
Superintendent.

SHEEP DEPARTMENT.

To the Wisconsin State Board of Agriculture.

Gentlemen: The exhibit in the sheep department at the fair of 1905, while somewhat weak in point of number in some of the breeds, was nevertheless very good indeed, the sheep shown making up in quality what was lacking in numbers. Each breed recognized in premium list was represented, and competition was very sharp in some classes.

While exhibitors in this department were from Michigan, Iowa, Illinois and Wisconsin, the greater part were from Wisconsin. I wish to mention especially the classes for Wisconsin bred sheep. These were for Shropshire, Oxford and Southdowns and were well filled. I would recommend that these be continued, and classes added for the other breeds.

Mr. W. T. Potts of Chicago passed upon the mutton breeds in his usual satisfactory manner; and Mr. W. S. Dixon of Brandon, while comparatively new in the judging ring, gave excellent satisfaction. Mr. G. C. Parish of Mondovi as assistant in this department, carefully attended to every detail.

I would recommend that a permanent judging pavilion be provided for this department.

Respectfully submitted,

JAMES DILLON,
Superintendent.

SWINE DEPARTMENT.

To the Wisconsin State Board of Agriculture.

Gentlemen: The exhibit of swine at the 1905 fair was certainly a credit to the swine breeders of Wisconsin. In the Berkshire, Poland China and Duroc Jersey classes there was a strong competition, with a fair showing of Chester White;

but in the Victorias, Tamworths and Yorkshires there was little or no competition, and something ought to be done to get a larger showing in these classes or cut them out; as in one or two cases the stock shown was not a credit to the breeder.

By a unanimous vote the breeders expressed themselves as well pleased with the judge, and if he is retained for another year the little fellows and the new exhibitors can rest assured of getting a "square deal."

The swine industry is rapidly growing, and the corn states are looking to Wisconsin to furnish strong, growthy, productive, breeding stock, and "we can do it."

Respectfully submitted,

W. C. BRADLEY,
Superintendent.

POULTRY DEPARTMENT.

To the Wisconsin State Board of Agriculture.

Gentlemen: On the day previous to the opening of the fair, the poultry building was in almost perfect order and ready to receive its expected occupants. The inclosing of the west side of the building with glass was found to be a marked improvement over the unreliable canvas that had heretofore served as a wall.

Yet, in spite of the fact that twenty (20) feet had been added to the length of the already immense building, every inch of available space was needed to meet the requirements of this year's exhibition. And it was found necessary to take a foot from the width of each aisle in the poultry department in order to make room for a new table that would provide two hundred (200) feet of additional coop space. In all about four hundred (400) feet of new room was added and nearly every inch of the entire space was piled two, and, in numerous cases, three coops high.

In view of the fact that in previous years, no more than thirty or forty coops belonging to the society had been rented, it was thought that the one hundred (100) new coops that had been ordered would be ample to meet all demands. But the clamoring for coops far exceeded the supply and it was found necessary to rent fifty additional coops, and even then, in some instances exhibitors were obliged to crowd their birds, and, as a last resort, the old coops that had not been demolished were brought into use, and a number of worthy specimens were shown in the ordinary shipping cases in which they had been sent.

However, every one seemed to appreciate the situation, and exhibitors who had thoughtfully taken the precaution to engage space several months in advance, good naturedly doubled up their exhibits and piled coops into a minimum amount of space, in order to make room for those who had neglected to give notice of their coming.

The Wernich Seed Co. and Mr. Theo Koss made most attractive displays of poultry supplies, and although the room allotted to this purpose was limited to a few square feet, the exhibit, cramped as it was, proved a most pleasing, as well as an instructive attraction. And while the immense amount of poultry of all breeds would, in numbers alone, serve to astonish the average observer, the beauty and quality of the display was a source of much favorable comment from experienced fanciers, as well as from the less critical patrons, whose interest was no doubt awakened to admiration by the splendid perfection of some one of the many world renowned birds.

Mr. C. E. Matteson acted as assistant, and the ribbons were impartially scattered among the large number of exhibitors by the popular veteran Judge S. Butterfield.

More than fifty Belgian Hares were exhibited, while the Flemish Giants and the Himalayan Doe with her young were worthy attractions.

The Pigeon Division.

The pigeon division this year made long strides in gaining the confidence of the management and the esteem of the general public, for it would be difficult to imagine a more pleasing array of birds than those placed in our cages.

The quality of the entire display was far above the average and in every aisle could be found some especially rare and valuable specimens with a record of notable winnings to back their claim for prominence.

Every cage was taken, and it was found necessary to divide one of the display cages in order to provide sufficient room. The management was indebted to Mr. Joseph Barta for permitting the world renowned parlor roller "Jewell" to entertain visitors. Each day "Jewell," who holds the world's tumbling record, gave a number of exhibitions that excited the admiration of the audience, while the labeling of all pigeon cages seemed to meet the approval of sightseers.

A pleasing feature was the homeward flight that took place in front of the grand stand at three o'clock p. m., on the closing day. More than sixty pairs of birds were released. Mr. Frederick Zacher acted as assistant, Mr. Wm. Plachn and Mr. K. J. Muir as judges, Mr. Muir placing the awards on the Tumblers and Homers, while Mr. Plachn passed judgment on the remainder of the birds.

Each morning the entire building was painstakingly disinfected with Kreso by the Park Davis Co., and the beneficial result was the cause of much favorable comment among both exhibitors and visitors. The building was kept open to the public until nine o'clock p. m. On Wednesday and Thursday it was not closed until nine-thirty p. m.

A pleasing innovation in this department was the ribbons given as souvenirs of victory, and while exhibitors expressed hearty appreciation, the silken trophies proved a tempting allurement for those inclined to pilfering.

The large number stolen from both coops and cages, was a

cause of great annoyance to the management as well as to those who personally suffered from such depredations. And while I am convinced that the ribbons should by all means be a part of the awards, I am also of the opinion that some other way must be employed to mark the coops and cages in a satisfactory manner, and I would respectfully suggest that small "stickers" in the shape of a star, blue, red and white be pasted on the entry tags of all winners, and that the ribbons be given or sent direct to owners.

I would further suggest that the east side of the building be permanently inclosed in the same manner as the west and that the windows in the roof be arranged so as to be movable, for ventilating purposes. Also that sufficient additional room be added to the building in which to exhibit poultry supplies. That the building be made secure and that the entire interior be whitewashed or painted.

That the premium list for fowls be revised so as to include all varieties listed in the American Standard, and that a third prize be awarded in every class.

In the pigeon division I would suggest that a number of classes be added to the premium list and that a new walking cage be provided for judging Fantails.

That the cement floor be extended throughout this building. In conclusion, I would say that the poultry building as it now stands, with a few slight alterations, I consider admirably adapted for its purpose, but should the demand for space continue to increase, it will be quite necessary to provide in the near future, a much larger building for this department.

Respectfully submitted,

Mrs. ADDA F. HOWIE,
Superintendent.

DEPARTMENT OF AGRICULTURE AND HORTICULTURE.

To the Wisconsin State Board of Agriculture.

Gentlemen: I take pleasure in presenting to you the report of departments F and H for the year 1905.

Never before have the exhibits, both in agriculture and horticulture, been crowded into the agricultural hall as they were this year. The season was an exceptionally good one for nearly all kinds of vegetation, and exhibitors did their best to make good showings. All classes were well filled, and all available space taken up.

Grains and vegetables were of the very best quality and were labeled and exhibited in a neat and attractive manner.

The fruit exhibit was not as large as last year, but specimens shown were of good size and quality. This being the "off year" generally speaking, for fruit in the state, some exhibitors who have heretofore shown quite extensively could not exhibit; but whenever we have a light fruit crop one year we can look for an over production the year following, so next year we may expect a bounteous supply and a large variety of fruit.

The honey exhibit was simply grand, and attracted a great deal of attention. One exhibitor showed over two tons of honey and the exhibit was very neatly arranged.

The display of green house plants and cut flowers could not have been better. The exhibit of the State Experiment Station showing apples, plums and preserved fruits, also insects detrimental to plant life, was interesting and instructive.

Two firms made fine showings of nursery stock and ornamental shrubbery. The State Horticultural Society made a very good display of fruit gathered from all sections of the state.

Exhibitors in general were well satisfied with the efficiency of the judging in all classes, and I desire to express my sin-

ere thanks to judges and exhibitors for the uniform kindness and consideration shown all around.

Respectfully submitted,

J. L. HERBST,
Superintendent.

COUNTY EXHIBITS.

The department of county exhibits of the state fair of 1905 was quite complete in every respect. Exhibits were made by the following counties: Marinette, Fond du Lac, Wood, Kenosha, Taylor, Waukesha, Florence, Dodge, Rock, Jefferson and Adams. Every county made a splendid display which attracted more than usual attention. Exhibitors seemed satisfied with the treatment accorded them by the state fair board, and with the awards. They all expressed a desire to make exhibits at the 1906 fair, and I predict that every booth will be occupied at the next fair.

Considerable fault was found with the distance clause by exhibitors from southern counties, but as that feature has now been adjusted exhibitors will feel more like making an effort to win.

The inside of the county exhibits building should be sealed up at the earliest opportunity. This is necessary in order to facilitate a good and attractive display.

Your superintendent was shown every courtesy by exhibitors and the State Board of Agriculture, and harmony reigned throughout the department.

Respectfully submitted,

C. H. EVERETT,
Superintendent.

DAIRY DEPARTMENT.

To the Wisconsin State Board of Agriculture.

Gentlemen: The exhibition in the dairy department of the state fair of 1905 was eminently satisfactory in many ways.

The exhibit was the largest in the history of the fair, and while the judges gave notice that they would score closely, the score of 98 on butter and 98½ on cheese, in face of the warm weather in which the goods were received, was very gratifying to those who have the dairy interests of the State at heart.

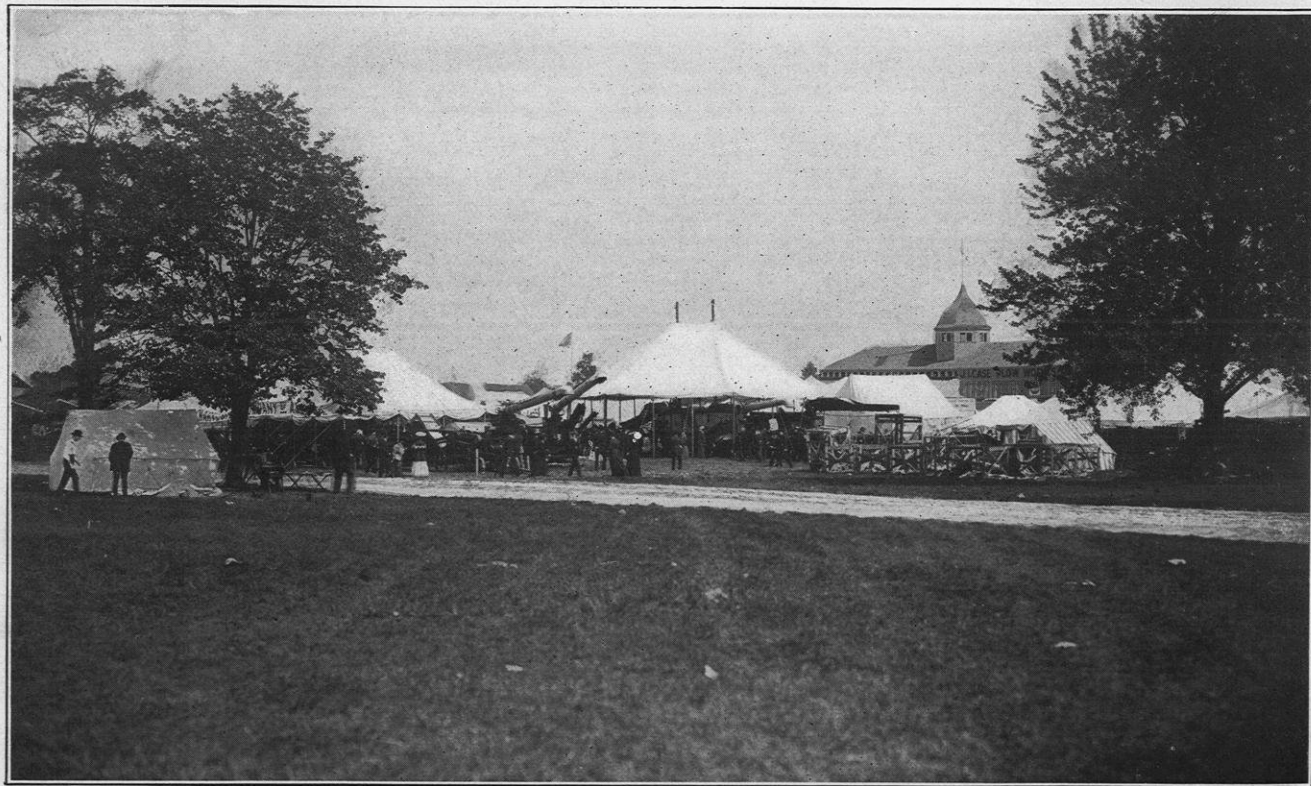
There were 181 entries of butter which were judged by Mr. W. D. Collyer of Chicago, and competition was so close that it was, indeed, an arduous task. The butter was sold, at the close of the fair, to C. Glanz of Milwaukee at 20 cents per pound.

Mr. E. L. Aderhold of Neenah judged the American cheese, and Mr. Fred Marty of Monroe the foreign kinds. There were 79 entries, from the big Swiss cheese to the pound print, and made a very attractive as well as an educational exhibit.

The grade of goods ranked high, as the score of 98½ would indicate.

Mr. H. B. Stanz of Milwaukee bought the cheese at the close of the fair, paying 10 5/8 cents per pound for the American and 10½ for the foreign kinds. Remittances were made accordingly to the exhibitors. Not only were the refrigerators well filled, but all available space in the building was occupied by manufacturers and dealers, who vied with each other in making their booths attractive.

Last year the Vermont Farm Machine Co. and the Worcester Salt Co. erected permanent booths, described in last year's report. This year the DeLaval Separator Co. and the Creamery Package Manufacturing Co. contributed in a very creditable manner by putting in handsome permanent quarters finished in stained cypress, which adds very much to the appearance of the hall. I am in hopes that others of our exhibitors will real-



MACHINERY EXHIBIT. STATE FAIR GROUNDS.

ize the advantage of having a permanent location with us, and follow the example set by these experienced exhibitors.

The concrete base constructed for the gasoline engine this season was a success and exhibitors were not annoyed by the shaking of the building as they have been in previous years.

It is quite probable that more space will be needed in the building for exhibition purposes. I would suggest that the closed rooms in the northwestern corner be torn out and fitted into booths.

It is evident that we shall soon need more room, and the question of a new building or an addition to the old one, will be one for the board to meet in the near future.

Respectfully submitted,

L. B. Scott,
Superintendent.

MACHINERY DEPARTMENT.

To the Wisconsin State Board of Agriculture.

Gentlemen: I herewith submit my report of machinery department for the year 1905. This department is steadily developing, the large exhibitors nearly doubling their exhibits of former years, and they require all the space allotted to them and some outside.

There are a few waste or low places on the machinery plat where our exhibitors do not care to place their goods, and I would recommend that the first improvement in this department be to fill the low places; also to improve the superintendent's office by sheathing up inside and painting, and as soon as possible erect a suitable machinery hall.

The following is a list of the principal exhibitors and their exhibits:

O. C. Vaughn Mfg. Co., Jefferson, Wis., implements.

Smith Mfg. Co., Chicago, Ill., manure spreaders.

- Parry Mfg. Co., Indianapolis, Ind., buggies.
D. M. Sechler Carriage Co., Moline, Ill., vehicles.
Van Brunt Mfg. Co., Horicon, Wis., drills and seeders.
Johnson & Field Mfg. Co., Racine, Wis., fanning mills.
International Harvester Co., Milwaukee, gasoline engines and manure spreaders.
The Tuross Mfg. Co., Milwaukee, gasoline lighting system.
The Manson-Campbell Co., Detroit, Mich., fanning mills.
Cook Mfg. Co., Albion, Mich., gas engines.
Dowagiac Mfg. Co., Madison, Wis., drills and seeders.
Appleton Mfg. Co., Batavia, Ill., farm implements.
C. P. & J. Lawson, Milwaukee, gas engines.
Frank H. Battles, Madison, Wis., cattle stanchions and stable supplies.
Lutter & Jacobi Co., Milwaukee, hay presses and implements.
The Althouse-Wheeler Co., Waupun, Wis., wind mills and towers.
Smalley Mfg. Co., Manitowoc, Wis., feed cutters and feed mills.
Challenge Company, Batavia, Ill., gas engines and wind mills.
Lindsay Bros., Milwaukee, feed mills.
Racine Sattley Co., Racine, Wis., vehicles and implements.
Anderson Carriage Co., Detroit, Mich., buggies.
John Dorsch & Sons, Milwaukee, vehicles, engines and implements.
Wisconsin Carriage Co., Janesville, Wis., buggies.
Staver Carriage Co., Chicago, Ill., buggies.
John Deere & Co., Moline, Ill., implements.
Velie Carriage Co., Moline, Ill., buggies.
Case Plow Co., Racine, Wis., plows and implements.
Walter A. Wood, Hoosic Falls, N. Y., binders and mowers.
Louden Machinery Co., barn door hangers and supplies.
W. A. Patterson Co., Flint, Mich., buggies.
Fuller & Johnson Mfg. Co., Madison, Wis., gas engines and implements.

- P. P. Mast & Co., Springfield, Ohio, implements.
 David Bradley Co., Fond du Lac, Wis., manure spreaders.
 Emerson Mfg. Co., Rockford, Ill., implements.
 The I. B. Powell Co., Menominee Falls, Wis., implements.
 S. D. Burke, Madison, Wis., gas engine and manure spreaders.
- Dain Mfg. Co., Ottumwa, Iowa, hay presses and implements.
 Fairbanks, Morse & Co., Chicago, Ill., scales and engines.
 New Way Motor Co., Lansing, Mich., gasoline engines.
 Northern Electrical Mfg. Co., Madison, Wis., electrical supplies and gas engines.
- American Steel & Wire Co., Chicago, Ill., wire fencing.
 J. W. Dunning, Milwaukee, dust-proof ash sifter.
 Sandwich Mfg. Co., Sandwich, Ill., hay presses.
 J. I. Case Threshing Machine Co., Racine, Wis., threshing machines.
- Rosenthal Corn Husker Co., Milwaukee, huskers and shredders.
- W. C. Kiernan, Whitewater, Wis., road culverts.
 Collins Plow Co., Quincy, Ill., hay presses.
 Lilson Mfg. Co., Port Washington, Wis., gas engines.
 Reliance Iron & Engine Co., Racine, Wis., gas engines and wood saw.
- Luther Bros. Co., Milwaukee, hardware.
 Belle City Mfg. Co., Racine Junction, Wis., threshing machines.
- Bilson-Hendricksen Mfg. Co., Chicago, Ill., force pump.
 Manlove Gate Co., Chicago, Ill., patent gate.
 W. J. Demorest, Belding, Mich., concrete mixer.
 Champion Potato Machinery Co., Hammond, Ind., potato machinery.
- W. I. Sherman, Milwaukee, boiler and engine.
 J. H. Taylor, Milwaukee, Drew Elevated Carrier.
 W. H. VanShaick, Walworth, Wis., Gem corn husker.
 Summit Foundry Co., La Crosse, Wis., stoves.
 The Chilton Matting Co., Chilton, Wis.

- Stolp & Co., Milwaukee, buggies and implements.
 Seidel-Best Mower & Harvester Co., Milwaukee, harvesting machines.
- Monitor Drill Co., Minneapolis, Minn., drills and seeders.
 The Thomas Mfg. Co., Springfield, Ohio, implements.
 Milwaukee Machinery Co., Milwaukee, engines.
 White Lily Washer Co., Davenport, Ia., washing machines.
 The A. D. Baker Co., Swanton, Ohio, engines.
 L. Kissel & Sons, Hartford, Wis., gasoline engines.
 Cyclone Wire Fence Co., Waukegan, Ill., woven wire fences.
 Dr. F. C. Runge, Milwaukee, Badger Stock Nurse.
 The Standard Paint Co., Chicago, Ill., paints.
 Ed Malone, Lake City, Mich., stump cutting machine.
 James P. Christiansen, Oshkosh, Wis., patent silo.
 Barnes Safe & Lock Co., Pittsburg, Pa., safes and locks.
 Milwaukee Hay Tool Co., Milwaukee, hay tools, huskers and shredders.
- Fish Bros. Wagon Co., Racine, Wis., wagons.
 Racine Hatcher Co., Racine, Wis., incubators.
 Automatic Carrier Co., Milwaukee, elevated carrier.
 Hart-Parr Co., Charles City, Ia., traction engine.
 Davis Hold-back Co., Milwaukee, patent hold-back.
 Hirsch Bros., Milwaukee, implements.
 Keystone Co., Sterling, Ill., feed mills and implements.
 Moline Wagon Co., Moline, Ill., wagons.
 Mitchell Mfg. Co., Racine, Wis., wagons.
 Peoria Drill & Seeder Co., Peoria, Ill., drills and seeders.
 South Bend Chilled Plow Co., South Bend, Ind., plows and cultivators.
- Silberzahn Bros. Machine Works, West Bend, Wis., feed cutters.
- Star Oil Burner Co., Milwaukee, oil burners.
 Wilder-Strong Implement Co., Monroe, Mich., implements.
 F. W. Moldenhauer, Oconomowoc, Wis., milk measuring machine.

Respectfully submitted,

DAVID WEDGWOOD,
 Superintendent.

SPEED DEPARTMENT.

To the Wisconsin State Board of Agriculture.

Gentlemen: I beg leave to announce that the report of the speed department shows that the program excelled all other previous meetings held in Wisconsin. The purses were larger, the speed greater, and confirmed our previous experiences that the largest purses cost us the least money.

The new track pleased the horsemen, and another year if properly kept in shape, ought to be the best track in the Western Circuit. More horses were trained on the grounds during the summer of 1905 than ever before, and in order to get a first class track we must keep the barns full, and this can only be done by keeping the track in first class condition.

The relay running race was an every day attraction with the interest increasing each day. We established a world's record in that event, and the novelty of the race and excellent riding of the young ladies, proved a good drawing card.

Our track record was broken in the 2:06 pace; the "Broncho" and "Hazel Patch" finishing the best and fastest race ever seen in Wisconsin. If satisfactory arrangements can be made to bring these two horses together again, with others, in a "free for all" class, I would recommend the same to be done; also that we again have a relay running race.

It is absolutely necessary that at least one more barn be built as we cannot expect to repeat last year's experience by putting valuable horses and equipments in farmers' barns, from one-half to one mile from the grounds.

I would recommend the extension of the grand stand, north, taking in the poultry shed, and using the ground floor for a cooling paddock. This would increase our revenue more than enough to pay the interest on the investment; besides doing away with long delays between heats. The horses competing would then be under immediate charge of the officers, and being together would be easily found, in place of being scattered all over the grounds.

The following is a review of the financial results of the department.

Entire amount of purses paid.....	\$23,500
Amount received from entries	18,417

There remains unpaid in suspensions, much of which will be paid, more than enough to overcome the cost balance.

The day receipts from grand stand for the fair were \$5,091, and the score card privilege sold for \$250, which are also to be credited to speed department.

Respectfully submitted,

C. G. WILCOX,
Superintendent.

FINE ARTS DEPARTMENT.

To the Wisconsin State Board of Agriculture.

Gentlemen: The fine arts exhibit of 1905 was very satisfactory. It was in many ways better than that of 1904 and far better than any previous exhibit which has come under my supervision. The Milwaukee art students made the largest and best exhibit and were well represented in all lines. Their work as amateurs was very fine and was very favorably commented on by all who saw the exhibit. Among the various exhibitors who carried off many first premiums may be mentioned the names of Francesco Spicuzza and Gustave Moeller of Milwaukee, and Miss Adeline B. Bellman of Fort Atkinson. They exhibited in oil paintings, water colors, pastel paintings and drawings and their work was of a high order. In burnt-wood Mrs. E. Willas-Hetlesacter of Milwaukee, made a beautiful exhibit. The decorated china exhibit was large and very fine. It was the largest and best exhibit we ever had. Mrs. P. M. Kynaston, Mrs. L. E. Greenleaf and Mrs. Anna E. Pierce of Milwaukee, and Mrs. L. M. Buell of Beloit, made large and beautiful exhibits.

Considering the disadvantages under which this department has to labor the showing made was, on the whole, very gratifying to all concerned. The premiums are small, and the risk and trouble incurred in bringing an exhibit to the fair, makes it a difficult matter to interest artists sufficiently to induce them to exhibit fine works of art. We make the most earnest efforts to protect all exhibits, and only one small photograph was lost during the last state fair. This was probably carried away by some unscrupulous visitor.

It would be especially pleasing to the department if the schools throughout the state would interest themselves in sending exhibits to future fairs.

I respectfully recommend that the roof of the art building be thoroughly repaired, so that there will be absolutely no chance of its leaking, even in a very severe rain storm. The doors should be supplied with good locks, so that the building can be securely locked. The present equipment of locks and bolts is very unsafe and unsatisfactory.

I further recommend that the department of fine arts be furnished several large show cases, so that the china exhibits may be better cared for in the future.

Respectfully submitted,

JAMES J. NELSON,
Superintendent.

WOMAN'S WORK DEPARTMENT.

To the Wisconsin State Board of Agriculture.

Gentlemen: In submitting this report for your inspection, I think I may truly say that the department of woman's work made a very creditable showing at the state fair of 1905, both in quantity and quality of the exhibits. That our building attracted a great many visitors was plainly manifested, as we were obliged to stop judging on Thursday afternoon, the crowd being so great.

I think the change in the interior arrangements made during the past year was a great improvement, and the cost of paint was a much needed addition, helping to make the place more presentable; but I wish to make another plea for a new building, one whose exterior and general appearance will suggest something of the beauty of the exhibits within. In my report last year, I asked for the addition of a culinary class for girls, which you were pleased to grant. The exhibition in this class was very gratifying, and I hope will be still larger another year. I would also suggest that another show case be added along the east side of the building for the children's exhibits. There was a large exhibit from the Sparta school for which we had no adequate space.

Perhaps I am digressing from the "beaten path" when I request less help in my department. We could easily have managed with one less clerk, and her services could have been given elsewhere to better advantage. If in my administration of the trust you have reposed in me I have given satisfaction, I am truly thankful, but let me assure you that it is largely due to my able and efficient corps of assistants, who cheerfully and carefully carried out all my suggestions looking toward the best interests of the department.

That there is growing interest in the fair is evidenced in the large number of new exhibitors who made entries this year; and the quality of the work throughout the department was of a high order.

I have never received and answered so many letters asking for information in regard to making exhibits as during the year 1905.

Respectfully submitted,

MARY E. CHADWICK,
Superintendent.

DEPARTMENT OF GATES.

To the Wisconsin State Board of Agriculture.

I beg to submit below a report for the department of gates during the fair of 1905.

A radical change was made in this department the past year, by substituting cash turn-stiles at the gates in place of ticket systems that we have formerly used. As is always expected, when a new departure is made, there were some needs that were overlooked in my department. This led to some confusion and necessitated some hard work that otherwise might have been avoided. But in spite of all this, the department succeeded in holding together and the results obtained were fairly satisfactory. With the knowledge gained the past year, the department ought to be run much better next year.

Personally I am in favor of the cash turn stile. I believe that, under a wise management and supervision, they will be found a paying investment for the fair. The ability and ease with which tickets can be counterfeited always makes a loss at the gates possible through this means. The efforts of the most competent gate men cannot prevent this. My men collected and burned, on Thursday of the fair week alone, more single complimentary admission tickets than were printed by the secretary. It was impossible for any one to tell the difference between the genuine and the bogus ticket. The conclusion to be deducted from this statement is evident. Money is much harder to counterfeit. Although some counterfeit money is in circulation and of course some of it was presented at the gates, it is a remarkable fact that, although more than \$46,000.00 was taken in by our force during the fair, we received less than \$6.00 worth of bogus coin. With a thorough remodeling of the tickets that we are bound to issue, so as to cut down losses from that source, the stile system should be a very paying institution.

One of the things that very seriously handicapped our department and entailed much needless labor, was the lack of any adequate office accommodations for looking after the business of the department. It is absolutely necessary, if the same system is retained for another year, to furnish the department with not less than 600 sq. ft. of office space. More could be used to advantage. It will be impossible to get along with any less and accomplish the results desired. I would strongly recommend the erection of a building with the ground floor devoted exclusively to the department of gates and the office of the state treasurer. This could be arranged so as to avoid much of the unpleasantness and hazard that is attendant upon handling money in the midst of the crowds that constantly throng the administration building. Then too a good substantial vault should be erected in this building where such funds as are on hand at night might be deposited for safe keeping. I feel that this is one of the most urgent needs of my department.

Another thing that seriously inconvenienced my department and threw a large amount of needless work upon my men was a lack of a sufficient amount of change to begin business with. At least \$5,000.00 in change should be in the hands of the department when it opens up for business on the first day of the fair.

A panic seemed evident at two o'clock on Thursday at the main gate. This was due to a lack of sufficient turn stiles at that point to handle the crowd. The number of stiles there should be increased to twelve. I believe the number of turn stiles would not need to be increased at any other point. It would not be necessary to keep these twelve stiles in operation at all times. Six or eight stiles would handle all ordinary crowds. The rest would be used only in case of large crowds. The rest would be used only in case of large crowds. It would be an easy matter to provide extra men who could operate these stiles in an emergency and thus avoid the unpleasantness that was experienced last year.

Another thing that should be done before another fair, is to properly arrange and set the turn stiles. Much inconvenience was experienced by my department last year by the crude manner in which it was necessary, at the last minute, to erect the stiles. Some sort of decent enclosure should be built to protect the machines when they were not in use. Two machines were tampered with at the fair last year. One at the main gate was broken so that it refused to register accurately and caused much trouble and uncertainty before it was discovered and locked up. Another stile at the grand stand was broken loose one night and turned between two and three hundred revolutions. It would seem highly advisable to properly protect all stiles so that they might be enclosed during the night and be sure to be in working order the next day. It would also seem to be a part of economy to erect some suitable building for each entrance that would protect the men during bad weather and would at the same time add much to the dignity and appearance of our grounds.

The total receipts from my department are itemized below.

The receipts from all stiles including admissions to both grounds and grand stand is as follows:

SEPTEMBER 11.			
Stile.	Day.	Night.	Total.
1	\$405 50	\$46 50	\$452 00
2 Children's tickets	.....	.....	.....
3	1,295 50	92 75	1,388 25
4 Children's tickets	.....	.....	.....
5 Children's tickets	.....	.....	.....
6 Children's tickets	.....	.....	.....
7 Children's tickets	.....	.....	.....
8 Children's tickets	.....	.....	.....
9	9 50	1 00	10 50
10 Children's tickets	.....	.....	.....
11	13 50	2 00	15 50
12 Passes	.....	.....	.....
13	54 00	37 50	91 50
14	5 00	45 50	50 50
15	68 75	82 75	151 50
16	158 25	128 75	287 00
17	50 25	30 25	80 50
18	9 25	14 75	24 00
	<hr/>	<hr/>	<hr/>
	\$2,069 50	\$481 75	\$2,551 25

ANNUAL REPORT OF THE

SEPTEMBER 12.

Stile.	Day.	Night.	Total.
1	\$696 00	\$60 00	\$756 00
2	22 50	35 75	58 25
3	1,163 50	.....	1,163 50
4	52 50	154 75	207 25
5	362 00	.....	362 25
6	221 00	.....	221 00
7	11 00	.....	11 00
8	137 00	.....	137 00
9	94 50	6 00	100 50
10	2 25	.....	2 25
11	67 50	1 75	69 25
12	Passes	.....	.....
13	105 50	36 50	142 00
14	10 00	57 25	67 25
15	121 50	82 00	203 50
16	191 00	123 25	314 25
17	51 25	75 00	126 25
18	1 50	13 00	14 50
	<hr/>	<hr/>	<hr/>
	\$3,310 50	\$645 25	\$3,055 75

SEPTEMBER 13.

1	\$1,577 00	\$122 00	\$1,699 00
2	601 75	86 50	688 25
3	3,057 50	299 75	3,357 25
4	170 00	46 25	216 25
5	1,131 00	.....	1,131 00
6	964 00	.....	964 00
7	33 50	.....	.....
8	516 00	7 25	523 75
9	352 00	.....	352 00
10	11 50	2 75	14 25
11	269 00	45 50	314 50
12	Passes	.....	.....
13	371 50	129 00	500 50
14	180 25	248 50	428 75
15	145 25	172 50	317 75
16	349 00	245 75	594 75
17	181 00	122 00	303 00
18	75 25	67 25	142 50
	<hr/>	<hr/>	<hr/>
	\$9,986 00	\$1,595 00	\$11,581 00

SEPTEMBER 14.

1	\$2,858 00	\$78 00	\$2,936 00
2	2,274 00	32 25	2,306 25
3	3,786 00	85 00	3,871 00
4	559 00	257 75	816 75
5	2,072 50	60 25	2,132 75
6	1,887 00	95 25	1,982 25
7	70 25	.....	70 25
8	1,039 50	7 75	1,047 25

WISCONSIN STATE BOARD OF AGRICULTURE. 301

Stile.	Day.	Night.	Total.
9	878 00	.....	878 00
10	8 25	1 75	455 75
11	454 00	.....	.....
12	Passes	.....	.....
13	472 25	227 50	699 75
14	306 00	229 50	535 50
15	179 75	455 25	635 00
16	634 00	339 75	973 75
17	241 25	184 25	425 50
18	77 00	130 75	207 75
	<u>\$17,796 75</u>	<u>\$2,185 00</u>	<u>\$19,981 75</u>

SEPTEMBER 15.

Stile.	Day.	Night.	Total.
1	\$356 50	.....	\$356 50
2	324 00	81 75	405 50
3	1,565 00	24 75	1,598 75
4	55 75	.....	.....
5	(Broke down early in day)	47 00	47 00
6	368 00	75	368 75
7	8 50	.....	8 50
8	317 00	1 00	318 50
9 .....	.....	.....	.....
10	75	.....	75
11	125 00	.....	125 50
12	Passes	.....	.....
13	201 25	31 25	232 50
14	82 50	18 75	101 25
15	205 75	45 75	251 50
16	380 50	89 00	469 50
17	181 75	24 00	205 75
18	50	.....	50
	<u>\$4,220 75</u>	<u>\$316 75</u>	<u>\$4,537 50</u>

The receipts from grand stand stiles alone are as follows:

SEPTEMBER 11.

Stile.	Day.	Night.	Total.
13	\$54 00	\$37 50	\$91 50
14	5 00	45 50	50 50
15	68 75	82 75	151 50
16	158 25	128 75	287 00
17	50 25	30 25	80 50
18	9 25	14 75	24 00
	<u>\$345 50</u>	<u>\$339 50</u>	<u>\$685 00</u>

ANNUAL REPORT OF THE

SEPTEMBER 12.

Stiles.	Day.	Night.	Total.
13	\$105 50	\$36 50	\$142 00
14	10 00	57 25	67 25
15	121 00	82 00	203 50
16	191 00	123 25	314 25
17	51 25	75 00	126 25
18	1 50	13 00	14 50
	<u>\$480 75</u>	<u>\$387 00</u>	<u>\$867 75</u>

SEPTEMBER 13.

Stile.	Day.	Night.	Total.
13	\$371 50	\$129 00	\$500 00
14	180 25	248 50	428 75
15	145 25	172 50	317 75
16	349 00	245 75	594 75
17	181 00	122 00	303 00
18	75 75	67 25	142 50
	<u>\$1,302 25</u>	<u>\$985 00</u>	<u>\$2,287 25</u>

SEPTEMBER 14.

Stile.	Day.	Night.	Total.
13	\$472 25	\$227 50	\$699 75
14	306 00	229 00	535 50
15	179 75	455 25	635 00
16	634 00	339 75	973 75
17	241 25	184 25	425 50
18	77 00	130 75	207 75
	<u>\$1,910 25</u>	<u>\$1,567 00</u>	<u>\$3,477 25</u>

SEPTEMBER 15.

	Day.	Night.	Total.
13	\$201 25	\$31 25	\$232 50
14	82 50	18 75	101 25
15	205 75	45 75	251 50
16	380 50	89 00	469 50
17	181 75	24 00	205 75
18	50	.....	50
	<u>\$1,052 25</u>	<u>\$208 75</u>	<u>\$1,261 00</u>

Receipts from team gates by days are as follows:

	Day.	Night.	Total.
September 11	\$200 75	\$9 75	\$210 50
September 12	237 75	48 50	286 25
September 13	1,074 00	83 75	1,157 75
September 14	2,082 70	37 65	2,120 35
September 15	511 75	11 75	523 50

WISCONSIN STATE BOARD OF AGRICULTURE. 303

Total receipts from both stiles and team gates are as follows:

SEPTEMBER 11.

	Day.	Night.	Total.
Stiles	\$2,069 50	\$481 75	\$2,551 25
Teams	200 75	9 75	210 50
Total	<u>\$2,270 25</u>	<u>\$491 50</u>	<u>\$2,761 75</u>

SEPTEMBER 12.

	Day.	Night.	Total.
Stiles	\$3,310 50	\$645 25	\$3,955 75
Team	237 75	48 50	286 25
Total	<u>\$3,548 25</u>	<u>\$693 75</u>	<u>\$4,242 00</u>

SEPTEMBER 13.

	Day.	Night.	Total.
Stiles	\$9,986 00	\$1,595 00	\$11,581 00
Team	1,074 00	83 75	1,157 75
Total	<u>\$11,060 00</u>	<u>\$1,678 75</u>	<u>\$12,738 75</u>

SEPTEMBER 14.

	Day.	Night.	Total.
Stile	\$17,796 75	\$2,185 00	\$19,981 75
Team	2,082 70	37 65	2,120 35
Total	<u>\$19,879 45</u>	<u>\$2,222 65</u>	<u>\$22,102 10</u>

SEPTEMBER 15.

	Day.	Night.	Total.
Stile	\$4,220 75	\$316 75	\$4,537 50
Team	511 75	11 75	523 50
Total	<u>\$4,732 50</u>	<u>\$328 50</u>	<u>\$5,061 00</u>

Total receipts for the week:

Total Receipts for the Week.

September 11	\$2,761 75
September 12	4,242 00
September 13	12,738 75
September 14	22,102 10
September 15	5,061 00
Total	<u>\$46,905 60</u>
Overrun on turn stiles	49 20
Source unaccounted for	9 56
	<u>\$46,964 36</u>

The money expended in my department was \$1,271.50 and I submit herewith vouchers for the same.

Respectfully submitted,

C. D. ROSA,
Superintendent.

DEPARTMENT OF PRIVILEGES.

To the Wisconsin State Board of Agriculture.

I herewith submit my report as superintendent of privileges for the fair of 1905. From the following sources I received the amounts as indicated and turned the same over to the secretary, to-wit:

For rent of dining halls, dining tents, etc.	\$1,135 00
For lunch and soft drink stands	1,763 00
For sale of novelties, glass engravers and wire workers	674 50
For doll racks	177 50
For cane and knife racks	150 00
For sale of fruits	159 50
For sale of ice cream	130 00
For sale of popcorn and peanuts.....	79 50
For sale of cigars and tobacco	90 00
For sale of candy	45 00
For sale of waffles	40 00
For tintype galleries and photoscope	60 00
For shooting gallery	25 00
For walking privileges in grand stand	150 00
For blind men privileges	30 00
For automatic, striking and weighing machines....	50 00
From advertisers and demonstrators	162 00
From miscellaneous privileges	33 69
For net receipts from Gaskill Carnival Co.	1,418 88

\$6,373 57

The itemized report of the receipts has been filed with your secretary.

The gross receipts of the Gaskill Carnival Company were \$1,778.88, from which I paid \$360.00 for 24 ticket takers, relief, etc., \$3.00 per day each, leaving the net amount as above given:

I would recommend that one or two additional dining halls be erected, as I had more calls for them than I could supply.

Respectfully submitted,

O. F. ROESSLER,
Superintendent.

DEPARTMENT OF FORAGE AND TRANSPORTATION.

To the Wisconsin State Board of Agriculture.

Gentlemen: I herewith submit the report of the forage and transportation department for the state fair of 1905.

Forage Department.

Cash receipts:

Sept. 9	\$ 8 95
Sept. 10	75 31
Sept. 11	61 08
Sept. 12	79 51
Sept. 13	72 48
Sept. 14	63 29
Sept. 15	495 28
Sept. 16	51 25
Sept. 23	3 45
Sept. 25	10 20
Oct. 11	132 14
Over cash	8 40

Total\$1,061 34

Disbursements:

Books and stationery	\$ 95
— Denzer, cabbage	9 00
Extra delivery	1 00
— Denzer, cabbage	3 75
— McDonald, straw	27 46
J. Wolf, straw	38 65
— Salentine, feed	36 19
L. Kruzenskc, cabbage	17 50
Exchange in cash	45
P. Bock, hay	44 03
E. Douville, mangels	26 11
W. Stegeman, feed	16 52
Hay hook	50
A. LeFeber, feed on account	529 12
C. Killian, wages	17 00
J. LeFeber, wages	55 00
E. Hubbard, wages	11 25
E. LeFeber, wages	35 00
C. Strangsten, wages	37 00
H. Douville, wages	49 00
Total	<u>\$981 47</u>

Feed furnished free:

To cattle, swine and sheep barns	\$66 11
To trick horse	1 40
To poultry department	34
To fire department	20 79
To Wooster, relay race horses	45 07
Total	<u>\$133 71</u>

Transportation Department.

Received of:

John Miller, teaming license	\$8 00
Ed Barfus, teaming license	8 00

J. Wolf, teaming license	8 00
J. DeGroat, teaming license	8 00
W. Morse, teaming license	8 00
— Wolfgrau, teaming license	8 00
	<hr/>
Total	\$48 00

Disbursements:

J. DeGroat, hauling, dairy school exhibit, in and out...	\$6 00
J. Jung, livery	1 00
	<hr/>
Total	\$7 00
Cash balance	\$41 00

Respectfully submitted,

JOHN LEFEBER,

Superintendent.

REPORT OF SUPERINTENDENT OF GROUNDS OF
THE WISCONSIN STATE BOARD OF
AGRICULTURE, FOR 1905.

To the Wisconsin State Board of Agriculture.

Gentlemen: I herewith submit my report as superintendent of grounds from April 1st, 1905, to October 1st, 1905.

Were I to go into detail of all of the improvements on the grounds the past season, my report would occupy too much space in your book of proceedings, so I will only mention a part of the most important work done upon the grounds in 1905.

The first work was leveling the dirt placed on the mile track during November and December, 1904. The weather was unfavorable for this work until May 7th, and from that time the frequent rains helped to settle and get the track in shape, so that by June 20th the track was in fair condition, and long before the fair was held, it was conceded that the

mile track at the Wisconsin state fair grounds was one of the best in the northwest.

Over 2,000 linear feet of cinder drive twenty-two (22) feet wide, with sod gutters was built through the machinery grounds. The plank walk at the northeast part of the grounds was taken up and put down in front of the sheep and swine sheds, and a cinder walk six (6) feet wide with 3 x 4 curbing was constructed from the northeast gate to the east horse barn. This cinder walk is a good foundation for a cement walk when it will be thought best to replace the present walk with cement. 7,808 square feet of cement walk at a very reasonable cost was placed on the grounds during 1905. Changes were made in several of the exhibition buildings. The extending of the poultry houses to the grand stand made it necessary to seek a new location for the fire department and this was done by constructing very comfortable quarters under the grand stand. An addition was made to the blacksmith shop, and also to the officers' dining hall and one of the church dining halls.

New shafting with iron brackets and proper borings was placed on both sides of the dairy building. A concrete foundation for the engine that furnishes power for this building was constructed in the foundation. There are 224 cubic feet of concrete. The farmers' dining hall was moved thirty-four feet north. This change of location with new sills and foundation and the improvements made inside puts the building in good condition. Six hundred feet of six and eight inch sewer were laid; the old bridge in the center field was torn up and a new and substantial one put in its place.

The greatest improvement on the grounds during the season of 1905, of course, was the erection of three new buildings: The stock judging pavilion, 250 x 17 feet, costing \$44,473.00. The publicity building and central toilet building with septic tank costing approximately \$5,250.

The improvements for 1906 should include a cement walk eight feet wide from the officer's dining hall west to the C. &

N. W. Ry. gate; a like walk should be constructed on the east side of the main drive from the executive building to the forage building at the north end of the grounds. There is much need of dressing room for the special attraction people. The additional room can be secured under the grand stand at slight expense, and would be a lasting benefit to the association.

The past two years has demonstrated that additional room is needed for speed horses and there should be a speed barn of sufficient size to accommodate at least thirty horses for this department, erected early in the season. In fact all work should be commenced as soon as possible. While it is hardly probable that a combination of circumstances like those of 1905 will again occur, namely, the endeavoring to finish three new buildings, the wind storm the latter part of August that wrecked two of the large dining halls, blew down several trees and many lengths of fence; the burning of the large barn with its contents and 300 feet of fence. The moving of the several buildings and many minor happenings brought everything in a rush just before the fair. All this should teach us to lay plans and start the work early in the spring.

Yours very respectfully,

C. W. HARVEY,
Superintendent.

DEPARTMENT OF GROUNDS.

To the Wisconsin State Board of Agriculture.

Gentlemen: I herewith submit my report as superintendent of grounds from October 15, 1905, to March 6, 1906.

The board contracted with Mr. J. W. Mitchell of Madison, for a concrete arch bridge under the main driveway, and I was instructed by board of managers to tear out old bridge and grade up around the new structure when completed. The cost of removing old bridge was \$27.90; cost of grading and

leveling after bridge was finished was \$31.50, making a total expense of \$59.40. We also put in two wings on upper side of bridge, using mostly the lumber taken out of old bridge; also graded around new buildings, and walls of judging pavilion, inside and out; graded new streets east of machinery department and west of county exhibits and woman's work buildings; covered septic tank, and made window shutters and put them on north end of cattle barns and all the speed barns were thoroughly disinfected. By order of the board of managers let a contract for a small barn, for use of team belonging to grounds, to Mr. W. T. Carson of West Allis, the contract price of which was \$497.60. By using and disposing of some of the old lumber on grounds the price was reduced to \$400. The board also let a contract to Sponholz & Co. for a concrete arch bridge under track and driveway on north end of grounds, the board to remove the earth from old bridge, which was done at a cost of \$69.30. Total amount of money expended by me since Oct. 15, 1905, is \$231.95.

No cinders could be had at any of the West Allis shops, but secured some from the city. The new bridge under track and driveway is in an unfinished condition, the foundations are nearly completed and the contractors are making arrangements to build the arch.

Have collected and turned over to secretary for sales, \$17.75. There is still a small amount due for ice cut on pond, which I have not collected.

Respectfully submitted,
GEORGE C. COX,
Superintendent.

MARSHAL'S DEPARTMENT.

To the Wisconsin State Board of Agriculture.

Gentlemen: I beg to submit the following report of the marshal's department for the year 1905.

The total expense of this department was \$1,459.80. This was paid to 64 men, a large number of which were on duty from 6 a. m. until 11 p. m.; the night watch, on ground and in buildings; for the use of five horses and one automobile; and for meals for city police. I enclose a statement of all money paid out with vouchers for same.

The expense of this department was greater than before, due to the necessity of having a large force on duty during the night show, and also owing to the poor condition of the fences, more men were needed there than heretofore.

I think we were very fortunate in not having more accidents than we did, especially on children's day. We had a number of lesser accidents, but none very serious. All the injured were cared for as well as could be expected, with our accommodations.

We made in all 42 arrests; 28 for breaking fences and stealing on to the grounds; 13 for selling tickets; and one for selling liquor.

For the good of this department, I would recommend:

First, the fences should be rebuilt or thoroughly repaired.

Second, that there be put in more turnstiles at the main entrance, provided with signs which would direct the people to the proper entrances.

Third, that our board encourage and assist the W. C. T. U. in their efforts to care for any that might be taken sick or injured while on the grounds.

Fourth, to provide for doctor and ambulance service that would be in readiness to answer call at any moment.

Fifth, if possible to arrange for more city police.

Sixth, build a new lock-up, or at least substantially repair the old one.

Seventh, more restrictions to conceSSIONERS.

Eighth, if possible issue less helpers' tickets and change system at pass gate.

Ninth, a very radical change in design of badge for police, superintendents and all officials.

Respectfully submitted,

G. U. FISHER,

Marshal.



CHAMPION SHORT-HORNS. INTERNATIONAL 1905. @ \$7.25 AVERAGE 1306 POUNDS.

JOINT ANNUAL CONVENTION

OF THE

Wisconsin State Board of Agriculture

AND THE

Wisconsin Live Stock Breeder's Association

Held in the Senate Chamber, Madison, Wis., Tuesday and Wednesday,
February 6 and 7, 1906.

President McKerrow in the chair.

The Chairman: You will notice upon your program that the first thing this morning is to be an address by the President. You will also notice that we have two very profitable topics following, which makes a very good reason why the president's address should be very brief.

What little I say this morning, gentlemen, will be along the line of the work of the State Board of Agriculture, its past and its prospects for the future. All of you, gentlemen, here before me, I presume, know more or less of the work of the old Wisconsin State Agricultural Society, that for over forty years held the annual state fairs in this state. You also know something of their trials and tribulations, of how the old state fair migrated from one town to another, going wherever the bids were the best, until in its last days it settled down at a permanent home, the state fair grounds, now enlarged by the state of Wisconsin and situated near the city of Milwaukee, and in settling down upon

this ground entailing a very heavy debt which, with the rising and falling fortunes common to state fairs of the whole northwest, ultimately ended in bankruptcy of the old State Agricultural Society. You also remember how the state came to its rescue by appropriating some \$8,000 to pay off its debts, and the same legislature passed the law which brought into existence the Wisconsin State Board of Agriculture.

For six years the Wisconsin state fair has been under the direction of this Wisconsin State Board of Agriculture; the crop reports of the state are under the direction of that board. The operation of the Live Stock Sanitary Board is looked after by this board. These with some other minor duties have constituted the duties of the State Board of Agriculture in Wisconsin for the several years of its existence.

Probably the principal part of its work still lies in the carrying out of the Wisconsin state fair, and I may say here that the old agricultural society deserves great credit for continuing the fair as long as it did.

This state board took charge of the fair grounds at Milwaukee and of the state fair, and immediately began to plan for the continuance of the fair, without a dollar in the treasury, and with buildings that had been neglected for several years, because the old state agricultural society had been short of funds and could not even make necessary repairs.

Probably most of you remember the first fair held under the auspices of the board. Naturally this board felt that it must be conservative; it did not want to break over the same rocks that the old agricultural society had broken upon, and therefore everything was planned with a view to economy and to get the most with the least expenditure. The result was that when we closed the financial record of that fair, the State Board of Agriculture put up its own note for \$1,600 to pay up the premiums of that fair in full dollar for dollar.

The second fair was held with a little better success; we had no note to sign at its close. Extra efforts were again made in holding the third fair, but we felt at that time that we must enlist the sympathies of the city of Milwaukee and their financial support. We went to that city and asked them to insure us against the risk of failure through bad weather or other condi-

tions that might arise, by backing us to the extent of a guaranty fund that might be drawn upon on the percentage plan in case we failed, but, very generously, the city went farther than we asked them to go, and gave us outright nearly \$15,000 in cash, and from that day to this we have forged steadily ahead. That \$15,000 that we began with at the time of the third fair grew, until, when we closed the fourth fair, while we did not have the full amount to show, we had improvements and other things more than equaling it. We closed the fourth fair with a balance of \$16,000 or \$18,000, the fifth fair with a balance of \$21,000 or \$22,000, and this year, our last or sixth fair, shows now with what we will receive from the state, a balance of something like \$34,000. We have spent in the last three years from money made from the fair, six or eight thousand dollars in improvements, permanent improvements, which are the property of the state.

Therefore, on the financial side we feel very much encouraged.

The other side of the fair, the important side, is its educational development; and upon this side too we feel encouraged, that prospects are brighter. We feel that the Wisconsin state fair has steadily forged ahead in its educational features; we claim, with all due respect to our neighbors, that the last fair held upon our grounds at the city of Milwaukee, was from the standpoint of Wisconsin, as high in the scale of its educational advantages and teachings as any fair held in the United States. Those of you who attended it and kept track of it will remember that we not only had county exhibits showing the resources of the different counties of our state, but we had other exhibits, treating of the advance of our people along the lines of education; the killing and post mortem examination of tuberculous cattle, which occurred there has done much to awaken the farmers of this state upon that subject and not only awaken but to educate them.

The exhibits made by the State Dairy and Food Commission of adulterated foods as bought by the people of the state from groceries and other dealers has had very much to do in awakening the people of this state in the interests of pure food. The exhibit made by the State Board of Control of the work that is being done in our charitable and penal institutions has had much to do with educating the people along that line.

And so I might mention other lines that have been developed on this educational side, and I say that the State Board feels proud of this line of development.

The placing in the premium list of special classes of Wisconsin live stock without detracting from the open or general classes, in fact, with the enlargement of those classes at the same time that we have given classes for Wisconsin products, we believe has done much to educate our farmers who attend the fair up to the idea that Wisconsin can produce and is producing as good animals as anywhere in the world and in this way our farmers are rapidly becoming breeders of better stock.

Along this line of educational features it is proposed by this board to go still further and as fast as the means at command will permit, to more fully develop the educational side of our fair.

Many of our farmers question the methods of this board and of all fair boards, in catering to the entertainment of the people at the fair. We think that if any state board has a right to put entertaining features into its fairs, the State Board of Wisconsin has, and for this reason, the Wisconsin State Fair is located, unfortunately in some respects, away from the center of population or rather, from the center of agricultural population in our state. Unfortunately for our state fair, our metropolis, the city of Milwaukee, is located upon the extreme eastern side of the state and very near the southeastern corner. The state fair, in order to secure funds and make it go—and it takes money to make a fair go as well as any other enterprise,—must, to a certain extent at least, cater to the wishes of the major portion of the population surrounding the place where the fair is held. Therefore, the Wisconsin State Fair for the last three or four years has expended a good deal of money on what may be said to be strictly amusement features.

Our racing program is one of the most extensive and I was going to say, one of the most expensive, but I won't say that, but it is certainly one of the most extensive, one of the most elaborate and one of the largest in dollars, presented by any state fair in the United States of America. Last year this race program as presented showed something like \$25,000, and I believe that the actual races were pulled off to represent \$23,500, and

many of my farmer friends knowing that I, on general principles, am opposed to the amusement features being made so prominent as we feel that we have to make them in this state, have taken me to task pretty strongly for spending so much money for races, and they have said to me, "You spend more money for races than for all the prizes offered to our live stock and our agricultural products," and I admit that we offer more money for races than we offer for these prizes. The prizes paid out in this state last year reached a total of very nearly \$20,000, I believe the race program called for a payment of \$23,500, but the State Board of Agriculture only pays between \$3,000 and \$4,000 for the \$23,500 for races. Now, that may be what some of you would call "graft," but it is a graft on the right side, it is simply this that these large races called out the best racing stables in America, these racing men are sportsmen and they put up their own money in entrance fees and race for their own money practically. While you may have some misgivings about this plan, I think any of you gentlemen, if you were on the Board of Agriculture, would be willing to allow the horsemen to put up that money for the entertainment of the state and pay for it with their own money, and we think it is a very good move on our part to offer these large prizes when it only costs the state all told between \$3,000 and \$4,000 and it certainly amuses the people of the city of Milwaukee, and it amuses a good many of the farmer people and people from the smaller towns of the state and draws them along with the other features to the fair, and everybody goes home pleased and happy.

There are other amusement features that we pay for that cost money, such as music, balloons, tightrope acts, etc., and I for one would be very glad if we could get along without these amusement features, but we have found from experience that it takes these to draw the people, especially the people of the city, and we are aiming to make all these amusement features as high class and moral as it is possible to make them and I believe that you who have attended the Wisconsin State Fairs for the last six years will agree with me that in that matter of amusements it is continually growing better, that we are having a better, a higher class of amusements.

Now, as to the future; the Wisconsin State Board of Agricul-

ture proposes to enlarge and build up along the very lines that we have been successful upon. We propose to have larger prizes and more of them for the agricultural products of the state, for the live stock of the state and for the live stock and the agricultural products of our neighboring states, that is, in our open classes, for we believe that we can educate the Wisconsin farmers to the highest standard, and one way to do it is to bring to them the best from all the world. Therefore, the plan of this board as outlined in our meeting last night, is to go forward, to enlarge everything along educational lines;—and we are able to do it. We know we have been censured in the past for not plunging more, for not launching out faster, but our board is made up mainly of farmers, with some conservative business men, and we have gone on the plan of using conservatively what we had in hand, or, in other words, cutting the coat according to the cloth, and we believe that our plan has been fully justified. We know we have been criticised for not going faster, but we are satisfied with the results and we hope you are. Gentlemen, I thank you for your attention.

DISCUSSION.

Mr. Wilcox: In your estimate, did you take into consideration the receipts of the grand stand, is that included in your estimate in what you call the speed department?

Pres. McKerrow: I don't know. How is that, Mr. True?

Secy. True: I don't think those receipts are included.

Mr. Wilcox: If they are not, they should be, and counting them in the speed department will not cost the state a penny for the last two years.

Pres. McKerrow: I hope your statement is correct and it will come so near being correct that we will not attempt to question it.

Mr. Wilcox: The receipts were over \$2,000 in one day from the grand stand, consequently, I think I am safe in saying that if we included the receipts we would eliminate the difference.

Pres. McKerrow: Part of those receipts went to the night entertainment last year.

Mr. Wilcox: Oh, that is very small. I had not figured that. I think it was something over \$2,000 for one afternoon.

Pres. McKerrow: Then, if they were not included, your statement will be borne out. I think if that matter is figured out carefully, we would have the horse trotting for nothing. They all want to come to Wisconsin.

Mr. Wing: I would like to ask whether your association has ever refused to consider the idea of locating show animals by age? It has seemed to me it might be a good idea if the three-year old bulls, for instance, were together; the two-year old, of a certain breed, were together. It seems to me if I were attending a fair for the purpose of education, in ten minutes I would get a better idea where they are classified in that way as they are in England, than I could get in ten days in an American show. Then again, over there they never have any blanket on, and it seems to me it makes a better exhibit, one that will attract people. As it is with us, we blanket our cattle, we don't allow the people to look at them if we can help it, and a man doesn't know much about it when he gets through looking. Has your board ever considered making a movement in that direction for the benefit of the people?

Pres. McKerrow: Yes, we have considered those things but we have to consider our Wisconsin conditions, our old barns are not in shape to be good show barns. We hope to build new, fireproof barns, such as the one recently put on the Illinois State Fair Grounds, where one breed can be housed, maybe two or three breeds, all under one roof, and we believe that will be a better arrangement. As it is now, with our small barns, a man would have to send his calves to one barn and his aged animals to another, his yearlings and two-year-olds possibly to another and that would break up his exhibit in such a way that it would hamper him a good deal in taking care of his stock. Then there is another trouble about showing cattle in this country at the time of year that we hold our fairs, without being blanketed, and that is the flies. You have been at the Royal Shows and I have too, and you understand that it is cooler over there and they are not troubled with flies. Flies certainly do worry show cattle tremendously, and we have to consider all these things. At the Denver Show last week, they had all their stock arranged in that way, but they were nearly all carload shows, they were arranged

in yards so they could be taken in by ages, as it were, by the sightseer. It is an admirable plan and we hope when we have a large fireproof building for a breed or two or three breeds with stables that are light and more comfortable and cooler than those we have now, that we can get the blankets off, part of the time anyway, and that we can arrange them by ages. We are looking forward to that.

Mr. Wing: In our country, it is really pitiful to see the people that visit the shows. I am in the shows a good deal myself and I hear the remarks. They go along with the vaguest idea of what they are looking at. They will ask all sorts of questions, "Mister, what breed is that?" "Mister, how much does that fellow weigh?" In one case there was a cow that had a remarkable brisket and a man came along and looked at her and kept looking at her, and finally he couldn't stand it, and he came up and said, "Say, Mister, has that critter been snake-bit or is that just natural craw?"

I want you to know that I think America is the best country in the world, but sometimes the old world shows more intelligence than we do about some things. They don't have horse races, but great crowds of cultured men and women go along and look at the cattle and get great joy in doing it. Of course, they know more about them than the majority of our people who go to such fairs, they talk it over and over and point out the good points of the animal and it is a good education for them to go along from one to another in that way. I think we should work toward that same condition here.

Mr. Lovejoy: I believe the time is coming when all our fairs will have to come to that plan of having a stable for the cattle and showing the stock by ages, but we have talked it over in connection with our International meetings and the trouble we run against is the exhibitor. He does not want to have a two-year old here and a yearling there and something else somewhere else, and the trouble is the shortage of help. Just the same I hope the day is coming that will bring that thing about.

Mr. Wing: The people certainly get more out of it.

Pres. McKerrow: There is one point of our American shows where we are forging ahead of the English shows and that is in building live stock judging amphitheatres where the crowd can sit comfortably and see the different classes judged and I have

found from observation and experience and from conversation with people who attend fairs that they are much better pleased to sit in such an amphitheatre where it is comfortable and to see the animals drawn up in line of one age or one class, and see the judges handle them, sizing up the different points of the animal, moving them gradually to the top of the line—people take a great deal more interest in seeing it done that way than in the English way of having them classified. When I was in England I thought their plan of judging over there the first day of the show was a very good one. After studying it over carefully and watching the work in our live stock judging amphitheatres, I am inclined to think it is not as good a plan as the one we have,—to take more time and give the people an opportunity to see the cattle, and I would add another feature in judging in the amphitheatre, and that is, I would have the judges who are able to do so, distinctly give a few of the reasons why they have placed the animals as they have. I am a strenuous advocate of that plan. I think it is some eight years ago that I first saw that put into operation in this country, and that was at a little county fair in my own county of Waukesha. I was asked to take charge of the judges, to bring some of our institute workers to do the judging, and we did that, and of course we could work together and it gave more satisfaction to the people there than any other feature of judging that I have ever seen followed. After that one of our county fairs in the northern part of our state took that up, up in Marathon county, Mr. Rietbrock adopted that plan. He is a Milwaukee lawyer, but he came out to Waukesha a day while this was going on and paid special attention to it, and then took the idea to his own people in Marathon county and insisted that they follow it out, and they have done so ever since. Wherever I have seen this work done, that is, the giving of reasons for placing animals, it certainly has given much more satisfaction to the sight-seer, they pay much better attention and I think that live stock judging occasions are going to largely overcome that lack of interest and the foolish questions that Mr. Wing brings up will not be heard by the people going through the buildings.

Mr. Scribner: There is another good idea and that is to advertise the days that certain stock will be shown. In our Na-

tional Dairy Show in Chicago, we have advertised that the Ayreshires would be shown on Monday; the Holsteins on Tuesday; the Guernseys on Wednesday; the Jerseys on Thursday and so on, and those men who are interested in a particular line of breeding will make it a point to be there on those particular days and they need'nt be there at times when they don't care to be.

Pres. McKerrow: We do that in the Wisconsin State Fair.

Mr. Lovejoy: Our Illinois State Fairs have done that for years.

Pres. McKerrow: Our program should be very carefully arranged, and then after they are arranged, it should be insisted on that they be followed out; that is the only way that satisfaction can be given.

But we have taken all the time we can to this topic. We would like very much to discuss it longer that we might gather in all the information possible, but we must pass on.

The next topic is that of "Sugar Production from the Farmer's Standpoint." We have three factories in successful operation; we have farmers in different parts of the state growing beets, many of them growing them quite successfully, while others are not making so much of a success of it. Those who are not growing them successfully ought to be learning why they do not, and if they cannot keep up with modern methods, they better quit. The fellows that are growing successfully are all striving to do better work and grow more successfully.

SUGAR PRODUCTION FROM A FARMER'S STANDPOINT.

JOHN DECKER, Janesville, Wis.

Mr. Chairman and Fellow Citizens: It is with pleasure that I shall attempt to point out to you the advantages of growing sugar-beets. There are many who argue that this crop "kills the land", and this can be said of any crop, where the farmer has not planned for a rotation of crops. I have observed that to

start with a piece of ground, which is below its usual stand and of fertility, good results are obtained by first seeding in clover or alfalfa, cutting as many crops as the season will allow and turning the sod under in the fall, following with a crop of potatoes or corn. With potatoes you can use a potato digger which leaves the ground most thoroughly pulverized and saves a plowing in the fall, while in the spring, after using some convenient method of leveling the ground, give a deep harrowing;—then if the weeds have germinated use a cultivator thoroughly, to destroy as many weeds as possible with horse labor, thus saving later on some hand labor;—this is to be done just before drilling in the seed. When the seed is drilled in early, better results may be obtained by leaving the seed shallow, that it may germinate quickly. It pays the farmer to study and watch the development of the plants closely to obtain the best possible stand of beets, and later to carefully superintend the thinning and hoeing. In the last cultivation much hand labor is saved and a cleaner field is found in harvest time by simply using a horse-hoe or cultivator tooth so arranged as to throw a furrow up on to the crowns of the beets thus smothering the weeds as well as protecting the plants from the hot sun. It is money in the farmer's pocket to study the cultivation of a field of beets and at all times strive to get the results with less hand labor, and to do so he must use machinery and horses. I am assured, from reliable sources, that a machine has been perfected in Colorado that will top crown, pull and pile in a wind row nine rows of beets in one operation, or once passing over the grounds with two horses and a man to ride the machine. This indeed will be a welcome and popular machine. I am informed from a friend who has been through the beet growing districts of California, Utah and Colorado that all of the factories have constructed beet dumps in which the wagon is dumped in a few minutes, and there is no waiting to unload with forks by hand. I do not think I will be overstating the possibilities to say that in less than three years we will be able to deliver a crop of beets to the factory without the necessity of using the hands or a fork in taking them from the ground as well as delivering.

I figure the cost of raising beets, as we have it all to do by hand, at about \$30.00 per acre, and the average amount received for beets in Rock county this year has been \$75.00 per acre. I

have heard many farmers say the tops and pulp are worth more to them than it costs to harvest their beets. I think the beet crop the best, safest, surest and most profitable crop for a farmer to raise. First he has no buildings to build, dry weather they will stand, frost will not hurt them, and wet weather does them good.

Successful beet growing requires intelligence, industry and ambition. The time will come, and very soon too, when the successful beet grower will be considered among the leading farmers, and to belong to that class will be an honorable distinction.

The diversified farming connected with well planned sugar beet culture will extend the season for farm work, in other words he will have more use for his help and can afford to keep it longer and pay it better for these reasons.

An acre having a full stand of beets planted in rows eighteen inches apart and having the plants ten inches apart in rows would grow 32,640 beets, if not a single beet is missing. Figuring these at an average weight of one and one-half pounds per beet, would give a yield of twenty-four and one-half tons per acre, at \$5.00 per ton would be \$122.50 per acre. The point, as it will be seen, is to get a full stand. It is one of the most important factors in successful beet growing, as without that you cannot get a big crop.

About a decade ago the cry went over this country, "Build up the sugar industry." It seemed to have been sounded at the psychological moment. It gathered impetus as it proceeded. From every conceivable source of public proclaim could be heard the echo, "Install the sugar beet industry." It was caught up and heralded down the valleys of the great Mississippi and its tributaries. It seemed for a long time to menace the cotton, tobacco and cane industries of the south, as well as the corn and other cereals of the north and west. It crept into the conservative columns of the agricultural literature of the east, rivaling the claims of the gardens, broomcorn, peppermint and other special crops. Later its echoes came reverberating back from the Rockies. It was found that it already had a foothold in the valleys of the Sierras. It attracted to it men of all professions and avocations of life. Men gathered their wealth and plunged into the industry like true adventurers. Many are the leaders in the enterprise today.

DISCUSSION.

Mr. Martin: Did I understand you aright when you said you planted your rows eighteen inches apart?

Mr. Decker: Well, I do not; but there are lots of them that do. I like twenty inches better.

Mr. Martin: You use horse cultivation?

Mr. Decker: Yes, altogether.

Mr. Martin: And how do you dig them?

Mr. Decker: We have a two-horse lifter, but I have had two machines operating at my place. I got a letter from Colorado that I spoke of one that I understand is perfected now, and does its work all right; it is believed to be a practical machine. It was a little late before I got through and they took it right from my place to Colorado. Since then I hear they have it perfected and that it will do the business in great shape.

A Member: About how expensive is the machine?

Mr. Decker: I don't know that yet. They have not had any for sale; they are experimenting with them.

A Member: And what machine do you use for planting?

Mr. Decker: I have a Deere for four rows.

Mr. Green: And what machine do you have to thin them and take out the weeds?

Mr. Decker: I have twenty acres of beets. I went to the High School at Janesville and told them I wanted about thirty boys on Saturday. I went down there with a lumber wagon and brought back twenty-seven. I placed them in a row and walked behind myself and my son did the same in another part of the field and they did the work pretty nearly as we wanted it in two days.

A Member: You had to borrow the children?

Mr. Decker: Well, I paid for them.

Pres. McKerrow: You paid for them and they were acquiring an education at the same time.

A Member: I mean you didn't supply them from your own family?

Mr. Decker: Not all of them.

Pres. McKerrow: Wisconsin has some remarkably good fami-

lies as we can prove by gentlemen in this audience, but it doesn't come up to Utah in that line, and we don't want it to, quite.

Mr. Decker: Last year I contracted twenty acres, got a family to do all the hand work for \$30 an acre. I did all the horse work, and all told I paid out \$465 for my seed and to the family on the twenty acres, and I received \$75 an acre. I put it on \$100-an-acre land and taking out my own pay, and I worked pretty hard, that labor is hard,—the handling of beets—but I got out of it enough to pay. Now, about its hurting the soil, killing the soil;—it draws somewhat from the soil of course, but no more than any other good, heavy crop, no more than a heavy crop of tobacco, for instance. But you have got to rotate, you musn't follow beets after beets.

Secy. True: You have had some experience in raising tobacco, I think?

Mr. Decker: Yes.

Secy. True: What is your opinion of the profit, one year with another, of an acre of sugar beets as against an acre of tobacco?

Mr. Decker: Well, this year tobacco will overreach the beets, but take ten years and the man that raises beets will be way ahead; that has been my experience.

Mr. Convey: Isn't there a greater element of risk with tobacco than with beets?

Mr. Decker: Oh, a great deal.

Pres. McKerrow: You know what you are going to get for your beets before you raise them.

Mr. Convey: And don't you find you can hire a gang or a crew of workers much more easily than you can hire an individual worker?

Mr. Decker: Yes, much more easily.

Mr. Convey: A great many farm people like to work that way, a threshing crew or a weeding crew, such as you have.

Mr. Reynolds: What kind of soil would you think would raise the best beets?

Mr. Decker: Why, it does well on any good soil, any good soil that will grow a good crop of corn will yield a good crop of beets.

Mr. Reynolds: Then a soil that contains a liberal percentage of sand will grow sugar beets?

Mr. Decker: Yes. They test a little higher on the sand than on our heavy soils.

Mr. Wing: I have heard about a new kind of beet that only makes one crop of seed, have you ever tested that?

Mr. Decker: No.

Mr. Wilcox: How much a ton do you receive for the beets and where do you deliver them?

Mr. Decker: I delivered them right at the factory, at Janesville. I had two mules and a half to haul them.

Mr. Wilcox: The farmers with us are sixty miles from the factory, they have to deliver to the cars and the item of freight cuts quite a figure.

Mr. Decker: You must have your sugar factories bear the expense of freight.

Mr. Reynolds: And how much did you receive when delivered in that way, how much a ton?

Mr. Decker: Well, I got none less than five dollars a ton and from that on up to \$5.50, according to the sugar test. We get twenty-five cents more a ton if we haul them to the factory than if we put them on the cars.

Mr. Reynolds: There are farmers sending them by freight, aren't there?

Mr. Decker: Oh, yes, hundreds of them.

Mr. Reynolds: And you receive twenty-five cents over them by delivering them yourself?

Mr. Decker: Yes; and besides I think I get a little better weight where I deliver right to the factory than where they are put onto a car and become somewhat sundried, that makes a certain amount of waste.

Mr. Reynolds: You save quite a little on freight and on tare, that takes a little off.

Mr. Decker: The factories now take the beets and tare them and weigh them at the station that you haul to, wherever that may be. We have had that point up and this year I think we will get some reduction on the freight. Go for your factories, I think they can afford to pay the freight.

Mr. Wilcox: I have been reading that in Colorado their beets

test from 16 to 23 per cent. Can we in Wisconsin raise beets to compete with that, if that be true?

Mr. Decker: We have raised beets and delivered to the Janesville factory that tested up as high as 20 per cent. but not many of them. They average about 15 to 17 per cent.

Secy. True: Can you give the reason why those beets should test that high, peculiarity of soil, or anything of that kind?

Mr. Decker: I think it is the soil: The better testing beet is on your poor soil where you do not grow so heavy a tonnage. You take sandy soil and you will get better tests, but not so large a tonnage as you will on rich soil.

Mr. Wing: They get more sunshine where they are not so thick and it takes sun to make sugar.

Mr. Decker: The sugar comes from the air and sunshine.

A Member: What was your average test?

Mr. Decker: About fifteen; some down as low as eleven and some up to seventeen.

Mr. Martin: I met a couple of gentlemen coming up on the train from Janesville a short time ago, and they were evidently tobacco men, but I remember some of their remarks. I was trying to get some information about beets and they gave it to me so fast I might have got it a little mixed, but as I remember they made a statement something like this, that last year the beet company furnished you people with seed that made a crop showing a higher test in sugar but did not yield so much in tonnage, as did the seed they had furnished the year before. Now, what is the real difference in seed as to test?

Mr. Decker: Well, I think they did euchre us a little on the seed question, both at Menomonee and Janesville; they gave us a smaller seed than we had been using before.

Pres. McKerrow: You mean Menomonee Falls, don't you?

Mr. Decker: Yes, Menomonee Falls. I saw the seeds from both factories right side by side and I could not see any difference. In some places they had some seeds left over from the year before and you could see where that was sown, they were heavier larger beets.

Mr. Martin: Do they furnish you seed without cost?

Mr. Decker: No, they charge us fifteen cents a pound.



J. A. DECKER'S SUGAR BEET FIELDS 1903. 20 ACRES.

Mr. Wing: You don't have to use their seed unless you want to, do you?

Mr. Decker: Yes, I think we do. I think the contract recites that the seed must be furnished by the company.

Mr. Wing: In a state where they grew very large crops of sugar beets, it was used a great deal of it for alcohol, not for sugar at all, they use it for fuel. It seems to me if the factories here would use it for making alcohol, we would make more money. A friend of mine thinks there is more money in alcohol than in sugar.

Pres. McKerrow: There is a side of the sugar beet question as to which no questions have been asked; that is, as to beet pulp. Have you had any experience?

Mr. Decker: Yes; cattle will leave corn to eat beet pulp.

Mr. Lovejoy: I see they have a dried beet pulp feed. What is that worth?

Mr. Decker: Fifteen dollars a ton.

Mr. Lovejoy: That ought to be good feed.

Mr. Decker: It is a great feed; it is mixed with molasses.

Mr. Martin: Do you know what per cent of molasses they are putting in?

Mr. Decker: I don't know, but a pretty heavy per cent. They make the molasses at the factory.

Mr. Martin: They sent me a sample last year and I was very much taken with it, but hardly enough to pay \$15 and the freight.

Mr. Decker: I understand this factory in Madison agrees to bear the freight of pulp and donate it to the farmers.

A Member: Under their contract they agree to furnish one ton of pressed pulp for every ton of beets. I signed a contract for the purpose of getting that pulp.

Mr. Wing: I understand it makes good feed for horses, animals of all kinds.

Prof. Woll: In regard to dried beet pulp, experiments indicate that the dried pulp is not quite as valuable, ton for ton, as either bran or corn meal. At our own Experiment Station, we did not find quite as good results as have been reported. We replaced bran, three pounds of dried pulp to two pounds of bran, and they came out about even, so that if you have to pay \$15 a

ton for dried pulp, evidently it is not an economical thing, because you can get bran for \$15 or \$16 a ton.

Pres. McKerrow: Yes, and those figures would make the bran worth \$21.50.

Prof. Woll: The factories will not sell the dried pulp below \$15 a ton, because they can get that by shipping it to the east or to Europe. We on account of our nearness to the bran fields will not find it to pay us to give that price. If we were further away it might pay us better.

Pres. McKerrow: From your analyses and your experiments in feeding, do you find the molasses and pulp of the nature of corn meal, that is, of a fattening nature, or of the nature of bran?

Prof. Woll: Of the nature of corn meal. It has a large proportion of starch, carbohydrates.

Pres. McKerrow: Dried pulp, without molasses, is somewhat on that side.

Prof. Woll: Yes, the same way. It is wider than corn meal, more fattening. In regard to sugar beets, I will say that very likely those patrons of sugar factories pay too much attention to the test and do not consider the total tonnage. I would consider a test, say, of 18 per cent sugar in beets as entirely abnormal. Under Wisconsin conditions, the ordinary amount of sunshine that we have here, we can figure that the tests will come up to some fourteen or fifteen per cent on the average, and under favorable conditions in four months it may reach more than fifteen, but that would be the exception. On the average, the beets would not figure more than fourteen and fifteen per cent. At least the experiments that we have conducted for the last twelve years at the Experiment Farm show that we cannot feel certain of a very high sugar content, that is, more than fourteen or fifteen per cent. But, of course, the tonnage can be increased very largely. We have had as high as thirty tons to the acre—of course that has received the best attention, between thirteen and fourteen tons or say, twelve to fifteen tons is a very good yield, and twenty-five to thirty tons is a very great yield. You can influence the tonnage of the beet yield very largely, by having the field in good condition; but on the side of the quality of the beets you are held down by conditions that you cannot con-

trol, that is, weather conditions, especially in the late summer and fall.

Pres. McKerrow: Do you know what the average per cent of sugar is in California or Nevada?

Prof. Woll: They would be apt to be higher where conditions are different,—the soils are lighter, they have more sunshine, but the yields in tons do not average as high as ours do here. I think the tonnage will be lower on the whole, and I think that is an advantage considering the weather, the soil and other things.

Mr. Meyer: I suppose the greater proportion of sugar is in that region about the Fort Collins factory. I think they would average, say, seventeen per cent. The tonnage was right close to the percentage, right around seventeen tons, but that is the very best country through there,—they don't average that through the whole country and that was a very good year. But then again most of them are good years out in that country. This year was a good year. I just came from there.

Mr. Utter: Can commercial fertilizers be used in the preparation of your soil?

Mr. Decker: Down near Racine they have used commercial fertilizers, but I think there is nothing so good as our own barnyard fertilizer.

Pres. McKerrow: I hear some of the best beet growers say at Fort Collins, week before last, that the very best fertilizer for sugar beets they could get there was manure from the sheep feeding yards. They have tried different fertilizers on their soils and they were satisfied that that was the best, because it not only gave fertility, but added humus to the soils, so you see sheep are a necessary adjunct to growing beets at Fort Collins.

Prof. Woll: On the whole barnyard manure is probably most satisfactory. It will mature more rapidly and the sugar contents will be higher the better the land is fertilized. Of course, where there is a tendency to grow large beets they do not mature so well.

Mr. Harvey: Isn't this high test owing to the size? Did you ever know beets weighing over two pounds to test over fifteen per cent?

Mr. Decker: That is what I say, the smaller the beets the higher they seem to test.

Mr. Harvey: I sent some samples to the University after our fair, to be tested, and they ran all the way from eleven and a fraction up to eighteen, and those that ran eighteen weighed less than a pound and the larger ones tested the lowest.

Prof. Woll: That is the general run. Every fall we receive samples of sugar beets from county societies asking that we analyze them. Those samples almost invariably test so low that they would not be acceptable at the sugar factory, because the growers of beets have received the idea that the bigger they are the better they ought to show up, but it is entirely the reverse. Overgrown, immature beets always test very low.

Mr. Convey: The speaker brought up the matter concerning the necessity of rotation of crops. I have seen that tested in Michigan, they have run a series of tests for three years on soil, a portion of which is stable manured, and a portion of which is manured with commercial fertilizers and a portion of which had neither. They found where they used the farm manures that the land kept in good condition, and they had a good crop of beets. They found that the land where they used the commercial fertilizer, the land was absolutely poor at the end of the test; it was not due to the fact that the beets had taken the fertility out of the land, but due to the fact that it had robbed the soil of its humus, its physical condition was the trouble.

Prest. McKerrow: It would tend to destroy the humus and turn it into available nitrogen which would pass away, this three years' cultivation.

Sec. True: It seems to me the direction the discussion is taking, the tendency would be to place the smaller beet ahead of the large beet, is that right? Is it right to illustrate it by the cow that gives a large amount of milk that does not test very high, but in the aggregate will give better results than the cow that gives a less amount testing high? Is it more advantageous to raise a large beet that does not test so high where you get a larger percentage from the whole acre, or should we consider it more desirous to raise small beets?

Mr. Convey: I think Mr. True has not got the statement in the correct form. I would rather consider that it would be a

comparison between drying a cow up in order to get her milk richer as compared with having a larger flow and a lower test.

Mr. Wing: A man might have two kinds of beets, some little ones that test high, and some big ones that test lower, and bring up the average.

Pres. McKerrow: Don't teach that doctrine in Wisconsin. We made filled cheese here once and we know all about that doctrine. That is one of Wing's jokes.

Mr. Martin: The farmer sells beets by the ton. These contracts say they must test so much, and for every per cent they test above you get twenty-five cents per ton. If we can raise the test to the limit, we want to, and keep up the weight too. We want to strike the average on both points.

A Member: That average would be between one and two pounds, a pound and a half, just about. The interests of the factory are tied up with the interests of the patron and they want the maximum amount of sugar in the beets, and for that reason they prefer beets of a size that will furnish a large amount of sugar and it has been found that beets weighing about a pound and a half are the best size.

Pres. McKerrow: This discussion has been very interesting, but for want of time we will have to cut it off.

We have with us to-day a gentleman from the state of Illinois who is known from the Atlantic to the Pacific as one of the greatest swine breeders in America and in the world, and I now take great pleasure in introducing to this audience, Mr. A. J. Lovejoy, of Roscoe, Ill.

SPECIALISM ON THE FARM.

A. J. LOVEJOY, Roscoe, Ills.

This is an age of specialism. The time was when the shoemaker or cobbler as he was called, made our boots and shoes as the case might be wholly himself. To-day there are 68 persons employed in the manufacture of a single shoe, each having but one thing to do. The same may be said of the manufacturer of

watches, wagons, farm machinery and so on all along the line. While farm work cannot, of course, be divided up so minutely as can the manufacture of merchandise or machinery, there is no reason why special lines cannot be taken up on the farm, and one become an expert in the line of stock he breeds or the special line of produce he grows.

Indians carried on agriculture in a primitive and a very limited way in the region now embraced in the United States before the country was inhabited by the white race, next came the white man. Poor in the materials of wealth, indeed almost destitute of them, a stranger in a strange land with a strange climate he had in prospect a simple subsistence upon the few products of crude agriculture. He saw the golden ears of corn hanging in the wigwams of the Indians and learned its value as food. Even as far back as 1790 there was in a manner some specialism in farming, for at this time the state of Georgia made a specialty of producing tobacco. It was cultivated in the simplest manner with the rudest of tools. Agriculture, as we now know it, can hardly be considered to have existed. The plow was very little used. A crude hoe was the implement of industry. It was almost invariably true of all the old settlers that the use and value of manures was little regarded. The barn was sometimes removed to get it out of the way of the heaps of manure. In comparison with present conditions, the farmer's life in those days was a dreary one, filled with hardships and deprivations, treading very closely upon the margin of subsistence. These conditions continued until well into the past century or until an improved intelligent dissemination of information and work of the inventor had begun to take effect, this was, of course, in the days of the old time farmer of which we see too many even at the present time. You have all seen him and know his methods well. He believes he knows all about farming and always has from the time he came on earth. He never attends a live stock breeders meeting or a farmers' institute. Oh, no! He does not want any high-toned methods or book farming in his, neither does he believe in agricultural papers. It has been a hard thing for him to even use any improved farm machinery. It was many years before he would try a corn planter, believing corn should be planted by hand in a furrow made by a horse

hitched to an old-fashioned bull-tongue plow. The corn dropped into the furrow and covered with a hoe. He thinks a seeder or drill too expensive and that he can sow his grain from an old sack thrown over his shoulder and will tramp all day in the soft-plowed field that has not even been harrowed, carrying his load and poorly scattering the seed, while his young son drives a dilapidated old team,—possibly one horse and one mule,—hitched to an old fashioned “A” harrow containing about 25 or 30 teeth. He will get up in the morning about four o’clock and commence by a series of yells to raise every one in the house—if they are not dead—no doubt some of them wished they were. He then takes a chew of Navy Plug and starts for the barnyard, and feels his way about in the dark to find the basket to carry a little mouldy corn and throw it over the rail fence into the mud for the hogs, which are too sleepy even in their unsheltered muddy pen to get up and hunt for it, anything is good enough for a hog in his estimation. By this time the boy comes shambling along trying to get his eyes open, and thinks of the day when he will be in his own boss and can leave the farm.

The old man meanders about the straw pile in the dark, kicking up the cattle until he finds the old Brindle Cow, and then proceeds to coax a little milk from her, while the boy throws a few ears of corn to the horses and puts the “gears” on ready for the day’s grind. The cattle, horses, pigs and chickens are all scrubs and so is the owner. Thus, he goes on year after year, raising poor crops, never making any improvements, and really thinking that he is a farmer. He is generally found two or three times a week on a box at the door of the village store chewing his plug of tobacco and discussing the tariff, and finding fault with every one and everything in general, vowing that the government should legislate for the farmer.

I might go on and describe to you how this farmer raises his family, but you all know, so it would be a waste of time.

We next come to another kind of a farmer of which there are more than of any other kind. He generally has a very good farm, possibly inherited from his father, or if he be an old settler he probably got his land from the government for practically nothing. This man has worked early and late, has been very economical, has a comfortable home, fair buildings and consid-

erable live stock of an ordinary grade, sometimes uses good sires, and improved machinery, but generally leaves the latter standing out in the weather from one season to another. He raises fair crops, sells most of his produce as raw material instead of manufacturing it into beef, pork, mutton and wool. He does, however, sell some milk and a few hogs; if he is a patron of a creamery his cows probably yield him about \$35.00 per year, and he has to haul the milk from one to two or three miles to the creamery and take what they have a mind to give him for it after making the test as low as they dare to. His hogs are generally a mixed conglomeration, starting some years ago with the Magie and staying with the breed later called Poland Chinas, and inbreeding until it took twenty sows to raise fifty pigs, then he concluded a cross would be a good thing and he has tried in turn, the Chester White, Berkshire, and the Durock Jersey, until his hogs are of every known shape and color. He always sells the old sows after having one liter and breeds from the young immature sows and even uses a young pig for a sire, each year finding his hogs smaller and with less vitality. As soon as new corn is in the roasting ear he moves his pigs from a dry pasture and gorges them with his green corn until they are in a condition to take any disease that comes along. He may raise a few steers, but the grade is a little mixed, and when he gets them up to what he thinks is in market condition the local buyer gets them on a good wide margin, knowing that they must go far below the top of the market when they reach Chicago. Now, all farmers that are not specialists do not farm this way, for we have many good first class farmers that are up-to-date in their methods. They live well, raise their families well, produce good crops and keep good stock, buying the best pure bred sires and feeding well. These farmers make money, generally become wealthy or in good circumstances and are good useful citizens, yet too many of them finally rent their farm and move to town, the result is the farm soon begins to have a run down appearance. They spend their income from the farm in the town or city, build a nice home and get—what they suppose—ready to enjoy life, but do they? really enjoy the town? Used as they have been to the farm, it is hard for them to sit idle. They cannot, if in a city or large town feel much at home, generally they do not mix well

with the city people, and they eke out a lonely existence. Sometimes they try merchandising, but this is nearly always a failure. How much better had they remained on the farm, build a modern home, a nice barn and out buildings, made a nice lawn and kept it in nice shape and condition, stopped their hard work and put in the remainder of their days overseeing the farm and stock and keeping everything up in ship shape. If every farmer in this state who is able to move to the city and build him a new home and stay on his farm and spend the same amount of money in improvements that he would in the city, this would be the most beautiful state in the Union and the Garden spot of America.

The old saying that one should not carry all his eggs in one basket, or that we should practice diversified farming may possibly be best, but there is another old adage which is also true: "Time changes all things, and this is an age of specialism and concentration of thoughts and ideas along one line, either in manufacturing, commerce, farming or stock breeding, which will result in a large business being built up and a reputation established for whatever is manufactured or produced. If manufacturers can build up a large business by giving special attention to one or two lines, why cannot a farmer by making a speciality of some one or two things become an expert in these and also build a large business and a lasting reputation that will command a market and a good price for all he produces, either in the growing of grain for seed or the breeding of live stock for the market or for the breeder.

The English farmers over a century ago took up the breeding of various breeds of pure bred cattle, sheep and swine as well as horses, and have steadily aimed at one object and that has been to produce the best of its kind or breed. In many instances they have carried this work on better than the American farmer, for the reason that they have not been lead off from their aim by any fad or fancy, but have steadily adhered to the principle of breeding the best possible individuals regardless of color or pedigree which has often been the stumbling block of American breeders. In this way they have established a reputation and a business for their special breeds throughout the world and America is their best customer even to-day.

The American farmer, the king of them all, can by concen-

trating his best thought and energy produce a brand of produce or improve abreed that will command the attention of the world's buyers, and will establish for himself a trade and reputation that his sons and son's sons can be carefully keeping it untarnished reap the benefits. It is a long struggle, however, to build up a strong valued reputation and requires the best qualities in man to accomplish, and when accomplished the same honest, careful, painstaking methods, must be adhered to, to preserve this reputation. Reputation is a thing that can be quickly lost and once lost, is very hard to regain.

In advocating specialism on the farm, I would urge that the farmer who starts out along this line take up some speciality that is not only adapted to his farm and surroundings, but one that he is satisfied he would like to work out, for unless he loves his speciality he will not succeed. After he has decided what he will take up let him study and endeavor to produce the best possible of its kind, he can thus cater to the highest class of buyers. There are always men who want the best and are willing to pay for it. The farming lands of Wisconsin and Illinois have become too high-priced to admit of growing anything that must be sold for an average price. The average crop or the average price will never pay anyone. It is easier to sell a high-class breeding bull for \$500, \$1,000 or upwards if he has the individual quality and breeding, than to sell one worth only \$100. Same is true in any other kind of pure bred live stock. I have found that the best animals we can breed are easier to sell at a long price, than those that are not quite so good in quality are to sell at a low price, for the reason that the man who will only pay a small price for a sire, no matter how good he may be, does not know the value of a good sire, so I repeat, strive to produce the best possible.

If one should take up the dairy business, let him run a small creamery of his own and let his product be so choice that once it gets on the market and is appreciated it will not be long until every one is asking for his brand of dairy products, be it either butter or cheese.

Do you think for a moment that Mr. Gurler, of De Kalb, Ill., would follow dairying in a general way and do as many do, keep scrub stock, and haul the scanty supply of milk several miles to

a creamery? Never! He is a specialist who puts his brains and energy into a special line of dairy product, and the result is a demand at a good price for all that he can produce and a reputation for high-class goods established.

Again, do you think that our friend Kerrick would grow beef from a scrub or run his farm at all if he had to raise a little of every known crop and handle a few each of several breeds of cattle? Not much; he is a specialist, in other words he is a manufacturer of the raw products of his farm into high-class beef. He gives this work his best thought and what is the result? His name is a household word, wherever beef is eaten and his name is established in the markets of the world for his brand, if you please, of Angus beef, always being assured of the top or above the top price in the market. The same may be said of the sheep specialist or the breeder of draft horses or the grower of fruits, or the breeder of swine. When a fruit tree man comes to my farm and wants me to purchase trees for an orchard, I say to him that I know nothing about fruit growing. I am a hog man, and we can sell one pig for enough to keep us in fruit for a year.

Even a small speciality taken up and a special effort made to produce a high grade article, soon becomes an established article on the market, and pays and pays well. In my own neighborhood the young wife of a hustling young farmer, ever ready to add to the income of the farm, and being an expert in the manufacture of dutch cheese, took it upon herself to offer some for sale to the best families in the near-by city. She is an educated, accomplished lady, and like her husband a hustler. The only hard thing in the start was to have the courage to take this product to the city and offer it for sale to the best families, but once the city families got a taste of that Dutch cheese, a sure customer was secured and a trade established for the future. What was the result? The milk that had been going to the creamery from the few cows, was manufactured into Dutch cheese and about \$90 per month was received in cash, instead of about one-fourth that amount.

I will sight another instance. Adjoining our farm in Winnebago County, Illinois, is a young couple living on a place containing but 12 acres of tillable land and about the same amount in pasture. It was a hard proposition to make a living unless

some speciality was taken up, and two or three years ago this young man concluded to make a change in his farm methods and become a specialist, and he took up the growing of small fruits. This year he received from one acre of strawberries more money than some men receive from an 80-acre farm. I also have an acquaintance who lives in another county in this state, who owns a 30-acre fruit farm, growing all the varieties of small fruits as well as other kinds. This man makes more clear money than many farmers, farming in a general way 500 to 1,000 acres. I know of no man who from the same effort makes more money or takes life any easier. He spends only the summer season on the farm. After the fruit crop is marketed, he goes to his home in the city and when the cold weather of winter comes on, he, with his family goes to Florida. These few instances sighted as well as our own experience in making a specialty of swine breeding, convinces me that specialism on the farm is a success. Market prices seldom effect the specialist. No matter whether corn is 30c. or 50c. on the market, the Funk Bros., will not have to change their price on pure bred seed corn. Why? Because they have by devoting their thought and labor to a special line of corn breeding, produced a quality of corn that is in demand over the different corn states of the union, and have built up a reputation for their brands.

In our own business, if you will pardon me for mentioning the fact that of breeding pure bred swine as a specialty was taken up nearly 30 years ago, believing that with but a small capital and a determination to follow it as a life business, more money could be received from the farm than by general farming. Beginning in the smallest possible way and learning the business step by step and getting experience by hard knocks only increasing our operations as we increased in this experience. The road, of course, was a long one and not strewn with roses, yet it has been followed long enough to prove to be a success, having established a trade and a demand from the best buyers of this and other countries for all that we can produce, at prices that pay us better than the marketing of the products of the farm in any other way.

Our farmers, as a rule, are not careful enough regarding wasteful methods. Too much feed given or more than can be

eaten with a relish is wasteful. Too little care in housing of the farm machinery is probably the most reckless waste on most farms and about the easiest remedied. More stock than can be kept well is another waste, animals that fail to breed regularly are what might be called dead beat boarders. This is a waste. Poor tillage of the land is another waste. The selling of the raw products of the farm is another waste. It is a waste of fertility to raise timothy hay and haul it to market when you might raise clover and feed it to sheep and cattle and sell it in a condensed form as mutton, wool or beef. If the great manufacturing establishments of this country were as wasteful as we, they would soon go out of business. Armour & Co., the great packers of Chicago, could not stand the loss one year if they wasted in the slaughter of each hog or other animals killed what the farmer wastes in each one that he slaughters, and this comparison might be carried on much further.

It is the wasteful methods, especially in our business that causes much of the loss. Coming generations will farm less land and farm it much better, for it is a well known fact that the farmer of to-day, tries to cultivate more land than he can till in the best manner, thereby losing much in yield. Let us farm a little more intensive instead of so extensively and try and double our present yield.

Too many look on hired help wholly as a loss, when he should look upon his help as a source of profit. A good hired man as he is usually termed is one that is intelligent, and has his employers' interests at heart, and is worth good wages and worthy his hire. A poor one is high at any price.

It requires a man of broader intelligence to-day to work on a farm than it did fifty years ago, for he must not only be able to do a good days work, but must be capable and understand the running of all farm machinery, and many other things required of him, in fact it requires more brains and less muscle to-day to succeed as a farmer than it did in olden times.

As this country becomes more densely populated the farms will necessarily become smaller, and more adapted to some special line. The question of keeping the boys on the farm is of vital importance, and I believe that the taking up of special lines will do much towards interesting them and will give them a

chance to work out some line best suited to their talent, and they will find it a pleasant, profitable occupation.

There is still another side to specialism on the farm. It is not all a matter of dollars and cents in this life of ours. There is much in the satisfaction in producing something a little better than the average, and thus being a benefactor. The grower of high-class seed corn is a benefactor because he enables the farmer by using improved seeds to grow more bushels per acre and a better quality. If a stock breeder he is also a benefactor by enabling the farmer to improve his stock by using pure bred sires. He is also a broader man, and gets out among his fellows and in rubbing up against the people of the world wears off the rough edges. A man of this kind, is apt to have a better home and think more of it. He not only raises a high class of produce on his farm or breeds a high class of stock, but will be very likely to raise a better family. He will make his home the most cherished spot on earth to him, and that home will be on the farm.

The rural free delivery of mail, telephone and the interurban railway are doing much to make the home of the up-to-date farmer an ideal one.

DISCUSSION.

Mr. Martin: Mr. Lovejoy believes in and acts upon what he preaches. I was down at his place last summer with quite a large party, prior to one of his sales, I was on his farm, in his most elegant barn,—he took us all in there to get our dinner, and it was very nicely served, and lots of it.

Mr. Lovejoy: That barn is the coolest place on the farm. It is a hundred feet by sixty-four, with a cement floor and there are no flies in there.

Pres. McKerrow: I have heard of that barn and would like to see it.

Mr. Lovejoy: Sheep men are always welcome.

A Member: Is that a hog barn?

Mr. Lovejoy: No, it is a general farm barn. It is full of

machinery and alfalfa and clover and cattle. My hog barns cover thirty acres.

A Member: How about feeding clover and alfalfa to hogs?

Mr. Lovejoy: We raised a little alfalfa this year; we got it nicely cured with the leaves on and we take a basket of corn and then a basket of alfalfa and another of oats and pile them up until it is two or three feet thick in the bin. Then we take a pitchfork and mix it up and then run it through the cutter and it beats any feed we ever had.

Pres. McKerrow: How does the alfalfa weigh in proportion to the corn?

Mr. Lovejoy: In this mixture, we just mix by bulk, not by weight.

Pres. McKerrow: Do you think it would weigh half?

Mr. Lovejoy: No, I don't think so, but this mixture comes out and is green and juicy, and the nicest feed I ever fed, and it is all grown on the farm. The droppings look as if they were running on clover.

A Member: What machine do you use for cutting?

Mr. Lovejoy: I use the Kelley Duplex Steel. You can feed this alfalfa out without cutting, but we cut it so as to mix nicely and when they get through eating the troughs are as clean as though they were washed.

A Member: What would be the result of using clover that way?

Mr. Lovejoy: It would be all right if you haven't alfalfa. It might be a little coarser, a little more stem.

Mr. Collis: Mr. Lovejoy, I am traveling amongst farmers every day, practically, and I get into talk upon all kinds of subjects with them and I find that so many of them complain about not being able to raise as many or as good pigs as they did years ago. They complain that the litters are not as numerous and not as healthy and that the hogs are too fine boned, too unhealthy, and they ask me often the reason of that and how to overcome it. Now, can you answer that question?

Secy. True: Mr. President, we have Mr. Lovejoy again this afternoon upon a subject that these questions will be more pertinent under. It has occurred to me it might be better to reserve them until afternoon.

Mr. Lovejoy: I think that is a question that is easily enough answered in a moment. I have talked swine so much I am going to say something different, I am going to talk about breeding pure bred hogs and the sale of them.

Pres. McKerrow: It is the same old subject under a different title.

Mr. Lovejoy: You can't talk hog and say anything new. That is why I hate to have these fellows invite me to come and talk about hogs. The trouble with my friend's friends over here is the same trouble that so many have, they have been breeding young sows with young boars and feeding them corn right along.

Mr. Meyer: I am afraid one part of your paper may mislead somebody; for instance, about the apples.

Mr. Lovejoy: I have nothing against apples, but I can't raise them.

Mr. Meyer: The fact that you can buy apples enough to last you a year from the produce of one pig, I suppose would not deter you from having a few apple trees around your house?

Mr. Lovejoy: It wouldn't, if I knew enough to set out a tree and keep it alive, keep the bugs off. I never was successful with apple trees. I would rather be held up for a couple of barrels a month. I can't raise apples and I don't want to try it.

Mr. Utter: I want to say a word about making a specialty of one crop. While we may be successful in growing one kind of crop, it is really necessary to have three or four crops, perhaps making one a leader; for the reason that the whole season should be used to good advantage. Down in Racine county they grow cabbagè, and potatoes and onions; that makes three crops. Of course a man will probably make one more successful crop than the rest, but we should have something growing the whole season.

Mr. Lovejoy: I did not intend to convey the idea that a man should not raise but one crop, but to make a specialty of some one thing. We have three hundred and twenty acres; we grow corn and barley and lots of hay and alfalfa and cabbages and roots for the sheep—we have a lot of fine Shropshire sheep, but our specialty is hogs; if it was not for the hogs we would be out of business.

Pres. McKerrow: I think the sheep would save you.

Mr Martin: He does make a specialty of the hog department, but he is an all around farmer.

Mr. Lovejoy: I think as much of the sheep or the horses as I do of the hogs, but I was so all fired poor I could only get a hog to start with, and I have stuck to hogs. When I got able I bought a horse, and I have even got to where I could buy Shropshire sheep.

Pres. McKerrow: But the idea of a leader, as Mr. Lovejoy presented it, is the true idea. However, there are some men who cannot do it.

Recess till two o'clock.

AFTERNOON SESSION—FEBRUARY 6.

Pres. McKerrow: You will note from the announcement of this meeting and from the program that this convention, while being held under the auspices of the State Board of Agriculture, is a joint convention of the State Board and the Wisconsin Live Stock Breeders' Association. There are so many different meetings going on that both the Board and the Live Stock Association thought that it would be a better plan to combine at least two of them, and not divide up the people more than would be necessary, because the program of the State Board, if the State Board held it alone, would be largely a live stock program, and the live stock people are interested in the same things that we are interested in, in the same work that we are interested in.

We have with us this afternoon the president of the Wisconsin Live Stock Breeders' Association, and it is proper that he should preside at this session, as it is a live stock session, and I now take pleasure in introducing to you and calling to the chair, Mr. J. W. Martin, of Richland county, President of the Live Stock Breeders' Association, and a noted breeder of Red Polled cattle and Percheron horses.

Pres. Martin: Mr. President, Gentlemen and Ladies—Un-

like my friend, Lovejoy, from Illinois, I have not written anything for this occasion; indeed, I did not know that they had me on for anything here until I saw it in print, and this gun is liable to scatter from the fact that there is nothing to go by. For the live stock interests of the state for the past year, I will say they have been very successful in almost every line. Our horses are out of reach of the farmer, I am sorry to say; we haven't got the good ones that we had six or eight years ago, when we sold off nearly all our good mares that we had at that time, and the result is that we haven't got them to sell now and what we have are out of sight. Sheep have got so high we will all have to stop wearing wool in this climate I fear, and take to cotton. In pork I debated for several weeks whether I could afford to put down my own hogs, but I finally decided to put down a few and finished the job yesterday. In pure bred cattle, business has been a little bit quiet in all lines during the past year I think, but I can see a future very much better near by. With my business, personally, about the first day of May it just stopped dead still, there seemed to be nothing doing, though up to that time we had been doing a business a little better than \$20,000 a year. Correspondence has continued all through the year, but for about six months we absolutely did no business, and I find that breeders of other lines of cattle have been very much in the same position all over the United States. Occasionally you would get a customer who would come along and take a bunch of several cattle, but recently, since perhaps about the first of December, there has been a voluminous correspondence coming in with all of us, and sales are brightening up very materially in the cattle line. In the hog business we never had as good sales as we have had this year, and I think Mr. Lovejoy will agree with me, a very desirable trade. Of course the market is first class.

Take it all around I think we can thank ourselves for the present condition of the live stock market in all classes. There is one thing, however, I want to call your attention to, it seems to me that the time has been ripe for several years for this Wisconsin Live Stock Breeders' Association to be represented by one or two members on our State Board of Regents. We have at the present time some agricultural men or live stock men on that

board, there have been times when we have had nobody on that board that knew very much about agriculture, except so far as they may have learned it under twenty years of age. There are men in other lines of business. Now, we have an Agricultural College here that is second to none; why shouldn't we be represented on the board that takes care of the interests of that college? We all know that our whole state college is all under the supervision of that one Board of Regents, and we consider the most important part of the college, for us, at least, is the agricultural college part. We are not in it as footballists, yet the best ones there are from the farms and fortunately our college part of it is held in the winter time when they haven't any football. While I like most kinds of sports and in my younger days could stand about as many thumps as any boy, I don't think I ever ran up against anything, not even a prize fight that looked as brutal to me as the present day football, and so I am very glad we haven't much interest in it in our part of the college.

I don't know just how we are going at it to get this representative, but if we do go at it, we are sure to get it, and it seems to me this is the time we ought to go at it.

We have a very long program this afternoon and I will not take up your time. The President of the Agricultural Board made the same remark this morning and then talked an hour and a half.

The first thing on the program is "The Needs of the Wisconsin Dairyman," by Mr. Charles L. Hill of Rosendale. You all know that he is one of the bright, successful young farmers of our state, and we will now hear from him.

NEEDS OF THE WISCONSIN DAIRYMAN.

CHARLES L. HILL, Rosendale, Wis.

President State Dairymen's Association.

I might say that we need more knowledge, need to apply it to our work, and need to enjoy the results of our labor, and the ground would be well covered.

However it seems necessary to enlarge on this a little for the sake of filling out the time.

The knowledge we need is to be had for the taking, and the chance to acquire knowledge of dairying was never so good as today.

Students are at work studying breeding, feeding, chemistry of soils and feeds, barn construction, ventilation, veterinary science, farm mechanics, and dozens of other branches, and the results of their study and experimentation can be had at our own Wisconsin College of Agriculture, and the large number of students in the Long, Short Dairy, and Farmer courses this year proves that we are taking advantage of our opportunities.

We have in Wisconsin the best dairy paper on earth, and a general agricultural paper second to none, and if we could only digest and assimilate all the knowledge appearing in these two papers alone, for a year, we would be qualified to fill a professorship in any agricultural college.

We need better business methods, and no other business would last a year with such business methods as prevail on many of our Wisconsin farms.

The fact that farmers prosper in spite of such business methods proves that with the same business conducted along business lines largely increased profits will result.

For an illustration, I know many farmers who brag that they never buy any grain for their cows, and yet year after year feed oats that are often worth twice as much per ton as some other foods equally as good, for milk production.

The oats sold, and the money invested in bran would not only give greater feed value for the money, but would add greatly to the fertility of the farm.



**GUERNSEY COW - BELLE O. K. OWNED BY C. L. HILL, ROSENDALE, WIS
OFFICIAL RECORD FOR 1 YEAR 365.22 POUNDS.**

We need smaller and better tilled farms.

Of course the farms will grow smaller as the country grows older and becomes more thickly populated.

I think very few of us are capable of caring for over 80 to 100 acres as it should be cared for.

When we know that Rev. Dietrich of Philadelphia has kept 25 cows on 15 acres of land we little realize what a farm will produce when properly tilled.

I know of some 40 to 80 farms near me that produce a much larger gross and net return to their owners each year than most of the quarter sections near them.

We need better cow stables but this does not necessarily mean more expensive ones.

I have within a month been in two cow stables where the owners have spent hundreds of dollars in stable repairs, and the stables are in many ways inferior to other stables I have visited that cost but a fraction as much.

In one case the owner spent \$1500 on cement floor, steel stalls and so forth, and the ceiling hangs a foot thick with cobwebs and dirt.

Our stables should be as light as possible, and after we have plenty of windows, an annual coat of whitewash will add greatly to the light in our stables.

This should be applied with a spray pump, which will fill up all cracks.

If chores are done by lantern light, enough kerosene will be saved in a year from the increased light produced by a coat of whitewash to pay for the cost of its application.

A very few dollars will fix up any stable, with more windows, a coat of whitewash, ventilating shafts, and these three things will add greatly to the pleasure and profit of your daily work.

If there is one thing that I consider more necessary than any other for the success of my dairying it is a silo, or rather silos.

Have just as good a silo as you can afford to build but if you cannot afford an expensive one, build one anyway.

The best will be the cheapest in the long run, but I once saw a silo 16 feet deep made with poplar poles for studding, and lined with common lumber, and filled with whole corn by the farmer and his daughter, resulting in perfect silage, more milk, larger profits, and finally a retirement to town.

We need more clover and alfalfa than we have been raising in Wisconsin for the past few years.

It may require a little more intelligence, and determination on our part but we can have them if we will.

Many farmers say they cannot afford to buy clover seed as so many times they fail to get a catch.

We have never failed to get a catch on our farm, but even if we sometimes did fail I would still think I could not afford to sow small grain without clover.

If I ever come to place any need of the dairyman, over the need of a silo, it will be the need of large fields of alfalfa.

It was my privilege, in January to visit three days around Syracuse and Fayetteville, N. Y., and I there saw large fields of alfalfa on every farm, some of them 10, 15 and 20 years old.

I had my first crop of alfalfa last year and shall sow more this year.

I beg of you to listen carefully to what Gov. Hoard will tell you about alfalfa tomorrow, and then go to Fort Atkinson next summer and see the fields of alfalfa growing there.

We need to provide better pasture than we have on many of our farms and if you have permanent pastures top dress them with manure often.

I find it always pays to provide some soiling crops for summer feeding, so we need not to forget them in the busy seeding time.

We may have barns, silos, feeds and pasture galore, but we can do no dairying without cows, and we need to breed better cows, weed out the poor ones, and develop those we have.

A large proportion of the cows born in Wisconsin live and die, without ever having an opportunity of showing what they can do.

I think the fact is more generally accepted each year that we need a strictly dairy cow, and the greatest profit can only result when our cows are bred along strictly dairy lines.

The dual purpose men are fond of calling the dual purpose cow the farmer's cow, but if any cow is entitled to be called the farmer's cow, it is the one that will do the most for him, and that is the special purpose dairy cow.

If you want to count in the calf when two years old, as some of the dual purpose men insist in doing, you better raise the

heifers from special purpose cows for they will bring as much or more money at 2 years old, as the steer from the dual purpose cow, and will cost less to raise, and I am sure it is much below the truth to say the special purpose cow will give on an average \$15 worth more of milk than the dual purpose cow.

Minnesota and Iowa have especially been counted as the home of the dual purpose cow, and two gentlemen who have read papers before meetings in Iowa this winter, and have advocated the special purpose cow, say they were cheered where they expected few to agree with them, and the audiences showed a marked change of sentiment on this subject from a few years ago.

I have in mind a community in our own state that a few years ago talked nothing but the tow barreled cows, and being at their county fair this fall, I found sentiment rapidly changing, and heard the other day that all but one of the herds of pure bred herds of dual purpose cows had been sold and the owner of that herd was looking for a purchaser.

A careful student must acknowledge that all the beef tendency a cow has injures her dairy qualities, and the opposite is just as true.

If you want to raise beef, raise beef bred cattle; get what milk you can as an extra as you go along, but if you want to dairy, get dairy bred cows, and do not worry as to whether the cow will bring \$25.00 or \$40.00 as a canner at the end of her period of usefulness, for the dairy cow will make at least that difference in her net profit each year over the double barreled cow.

The Standard Dictionary defines "dual" as "two separate natures or forms of existence," and the people who named the dual purpose cow builded better than they knew, for milk giving and beef making are as near two separate natures as could appear in one species of animal.

We need a milk scale, record sheet, and Babcock tester to help us weed out our poor cows, and learn more about those we keep.

Many farmers have all of these but fail to use them, and we need to use them faithfully.

Then we all need a highly bred pure bred bull of one of the four special dairy breeds.

By highly bred I mean one backed up by long lines of producing cows, and bulls that have sired such cows.

It is now possible in at least three of these four breeds to get bulls whose maternal ancestors have official or well authenticated yearly fat, and milk records, for several generations, as many as five I am sure in some cases.

We need to give our bulls more exercise, kinder treatment, and we should keep them till they have had an opportunity to prove their worth.

It is a shame that nearly all the great bulls have been dead before their greatness was known.

Buy tried proven sires, keep them as long as possible, and then trade with some other man for another old bull.

We need many of the later improvements in farm machinery, as separators, manure spreaders, etc., to make our dairy most profitable.

We need more of a love for our calling, and not be bemoaning the fate that placed us on the farm till our children will think their only aim in life should be to leave the farm as soon as possible, and rush to the city to work as most of them do in some factory, to earn wages that allows only a bare existence.

We need to make farm life so attractive that our sons and daughters will take it as a matter of course that they will live on farms.

We need more enthusiasm so we will study and talk dairying, till our friends call us cow cranks, for this certainly means success.

And lastly brethren we need to stick to our text from "alfalfa to omega, as the farmer remarked when introducing a speaker at an institute saying this man knew his business from "alfalfa to omega."

Follow the "pathway of the cow" early and late and she will richly regard you for your labor, attention, thought and kindness.

I want to say a word on this subject of alfalfa. I think that the first catches of alfalfa in New York State happened—I say "happened," because that is the way they got them, by getting alfalfa in mistake for something else, I think it was a mistake for alsike, not that alfalfa and alsike seed look at all alike, but there

is perhaps something in the names that confuses people, so that I have known more than one crop that was sown where the person thought he was sowing alsike seed. It has so come around that I think fully half the land around Syracuse, New York, is now seeded down to alfalfa, and it is working a revolution in all branches of farming, especially live stock farming. Near Syracuse there is a hill that almost amounts to a mountain, it is so steep. On top of that was a table land of five or six acres and some six years ago the owner went up there and plowed it up and seeded it with what turned out to be alfalfa seed, and the crop produced has done so well that it has worked down on the sides of the hill and that hill is a sight that was worth going a long way to see. We all know that there is a great deal of land in Wisconsin of that same variety, almost mountains, that has perhaps a foot or more of good soil on top and below that perhaps broken limestone and clay mixed. I saw, down in New York, fields of alfalfa that they said had been in good condition ten years, and there isn't over ten inches of soil in the thickest places and in some places hardly any soil on top of the rock. If there is any soil whatever out of which to make a seed bed the alfalfa has grown there and flourished for ten years.

Mr. Dawley, of New York, the Superintendent of Institutes, who lives at Fayetteville, has an alfalfa root nearly eighteen feet long that he got out of a stone quarry. In the stone quarry in question, the stone was very much broken up and the root had worked its way in, but it shows what alfalfa roots will grow to.

I will say, in regard to feeding alfalfa, that it is the first thing I ever saw the cows leave ensilage to eat.

DISCUSSION.

Mr. Wing: How about the result in the milk?

Mr. Hill: I have never had enough of it to get at the results yet, I know the chemical analysis shows it is good.

Pres. McKerrow: I want you to know that this is Joe Wing, the alfalfa crank, that is asking you these questions.

A Member: Does the gentleman grain his cows the year around?

Mr. Hill: Yes, I do a little always. It would not perhaps if it was dairy cattle only, I think there is a stage at which you can overfeed a dairy cow.

A Member: Does it kill out alfalfa to pasture it?

Mr. Hill: I have not had any experience on that, but I am willing to take the advice of those who have tried it and with them the universal opinion is that it will seriously injure alfalfa to pasture it.

The Member: My tenant, a year ago, raised thirty acres of alfalfa, and he turned the cows in on the second crop and it killed it all out.

Mr. Hill: I think there is no evidence but what will coincide with that from those who have pastured alfalfa at all in Wisconsin. It not only cuts it down, until there is no protection for the roots, but it seems to pack the soil in a way that alfalfa cannot stand. Any one, who has noticed, can see where a wagon has been driven across the field and see the wheel mark where it has run across the plants and weakened them.

A Member: What kind of grain do you feed?

Mr. Hill: On account of mine being a breeding herd, I do not feed any grain or grass,—except bran,—very often. Last summer I fed quite a little gluten feed, and I think that perhaps there is a little difference, we possibly do not try to get quite all we can out of a cow in a breeding herd that I would advise the dairyman to get.

Mr. Goodrich: Do you think bran on green feed would be the best combination?

Mr. Hill: Theoretically, no, I don't think so.

Mr. Goodrich: Wouldn't corn meal be better?

Mr. Hill: Yes, it would theoretically; practically I haven't tried it.

Mr. Goodrich: Practically, it is just the same as it is theoretically.

Mr. Convey: I think it is a great deal more profitable to feed the soiling greens than to feed oats. I don't think it pays to feed oats when they are worth a cent a pound. At the experiment station they got about twelve per cent better result from

bran, but that was under special conditions. There may be more nitrogen in oats, but you get the best results from brans in connection with other feed stuffs. If you feed ground oats, it makes a difference. It depends on conditions. It scarcely ever pays to feed ground oats when oats are worth a cent a pound as compared with feeding bran, and you get the best results from the bran every time.

Mr. Hill: That is my experience, and then I like the manurial value in the bran, it is so very much higher than anything else.

A Member: For several years I have been feeding middlings. I think it is something like twenty per cent better than the ground oats.

Mr. Hill: I heartily agree with Mr. Convey's proposition that we cannot afford to feed oats, either ground or whole. Before the last few years we would often hear somebody say something about this certain property in oats that cannot be analyzed, but that is an idea which has not been put to the test, and I never got the results.

Mr. Scribner: We get enough adulteration in bran, but I think we get a larger per cent in middlings, it is ground up so fine.

Mr. Goodrich: Would you dare let me talk a few minutes?

Pres. Martin? Yes.

Mr. Goodrich: I have got something on my mind: if I should not let it out, I don't know what would happen. The president has recited a great many of the needs of the dairyman, but he of course couldn't tell it all, and I have got one thing on my mind and they call me a kind of a crank, and here is the president of the State Board of Agriculture right here and here is the secretary, and both of them together can call me off when they think it is necessary.

Now, there is one of the needs of the dairyman that Mr. Hill did not mention, I suppose because he didn't have time, and that is that the dairyman should produce purer milk and deliver purer milk and purer cream at the creameries. One of the hardest things at the present time,—which instead of growing better is growing worse—is just that very thing of delivering pure milk, and I will tell you why. They are changing over

from delivering whole milk to delivering cream, and some have tried to stem the tide and stop that, but they can't do it, they might just as well try to turn the Mississippi upstream. It is coming and you can make just as good cream and butter where the cream is delivered at the factory or gathered cream as you can from cream from whole milk delivered at the factory if the dairymen will do their duty. Now, how are we going to accomplish that? How are we going to get better milk and better cream? I tell you, we have got to have an army of inspectors. Not five or six as we have now traveling the country over and doing their work just as well as they can do it, but there are over three thousand creameries and cheese factories in the state of Wisconsin, and there are something like five hundred thousand men producing milk on five hundred thousand farms, and every farm needs to be inspected if you are going to get pure milk delivered at the creameries and to have it well taken care of.

I do know that some of our creamery inspectors have tried to discourage the use of the farm separator in separating the milk on the farm, because they know that the butter made at the gathered cream factories will not average as good as the other butter made from whole milk. My son was a creamery inspector here and he tried to discourage that business, because he said, they will not make as good butter. He went out into Iowa and bought a creamery where about half of the patrons delivered whole milk and half of them separator milk, and he first started in to try to discourage the separating at home. I told him there was no use, he better encourage it, and he is now having all gathered cream, but he has to be very strict indeed and refuse any cream that has not been well taken care of. But where the creameries are as thick as they are down here in the southern part of the state, and you know that if one creamery won't take it, another will, we have got to have enough inspectors so they can go to the creamery, examine the milk or cream when it comes in, find out where the poor milk comes from and then send it back to the farm and there should be a law—well, we have got pretty good laws if they were only enforced.

Now, these are some of the needs of the dairyman that are evident. Now, I am not talking this way with the principal idea that the dairyman shall get a bigger price for his butter, it is so

that we can produce better butter, and have a greater demand for it, and in order to do that we must have better cows, better cared for and produce our butter cheaper, making a good profit and having a good market, not only in Wisconsin but in foreign countries, so that our dairymen can do well.

Pres. Martin: Mr. Goodrich has brought up a point there that I have been sore on for several years, and I have frequently brought it before buyers, and that is, that we need many more inspectors for the conditions surrounding our barns and our cows than we do even for the factories, for most anybody can make good butter and good cheese from most any kind of cream and that is all right. I came as near dying as I ever did in my life from drinking a glass of milk drawn in a barn that had more manure than fresh air in it. Go through the dairy districts of Wisconsin and you will find as I have, barn after barn that I would not go through for all the cows they had in them. I have absolutely refused to step inside the door in some of those barns and just think of the condition of the animals that are maintained in them. I think this is a very serious question, that we ought to look at carefully. Another thing I want to thank my friend Hill for bringing up and advertising the dual purpose cow. We have got more cheap advertising from the specialists than we ever did for ourselves. My friend, sitting right here, has a cow that has produced about seven hundred pounds of butter, just the nicest kind of double-barreled cow, and I have cows in my barn that have produced five hundred pounds and still they are ready to go to market. I wouldn't say a word about this if they didn't keep jumping on us.

Mr. Hill: I want to say a word more along the line of sanitation that has been spoken of here. About six or eight years ago there was a herd of cattle in Wisconsin,—I won't mention the breed for you might know what it was,—at the same time you might guess what it was, because I was there. In this particular herd a number of cattle had not been doing well, some had died and they appealed to Professor Russell and he went there and condemned, I think, sixty per cent of the herd, nearly all of the aged animals, but three or four; and he aided very greatly in raising another herd of cattle for that farm. They divided the barn and they kept the animals that were tubercular

until they had the requisite number of animals on the farm and that work was an object lesson indeed. Needing to buy some cattle this past summer, I went to that farm. Gov. Hoard and Mr. Rietbroek went with me. We didn't find the man around and we started for the cow stables for ourselves, and honestly, the only place you could get in that cow stable was to walk in the feed mangers and they were terribly fouled up by chickens. I know it had not been cleaned out for three or four weeks. Looking around, we found the man out in a low shed that was filled up with manure. He had six heifers that he afterwards said were two to three years old, none of them had ever bred, they had been kept there all the year around. He also had two bulls in the same stable and I think they were tuberculous. I asked him if he had tested his cattle, and he said no. A gentleman who was there the other day told me he saw the winter conditions and they were infinitely worse than I described for the summer time, and he said you couldn't get into the barn at all, the cattle and the barns were in terrible shape and the worst part of it was that that milk was going to the nursing milking babies of Wisconsin. The governor said that to think that any man who could have read Hoard's Dairyman and have listened to all the good dairy talk that has been going on in this state for the last ten years, and could keep such a place, was something amazing, and two of his boys were graduates of the Agricultural College, and then to keep things in such a condition.

Mr. Wing: I want to say a word as to what is generally the attitude in cases of tuberculosis. Last week I was in Dakota, where eight herds of tuberculosis cattle have had to be practically destroyed, and it all came from the dispersal sale of one man who had the lack of conscience to sell his cattle, and they have gone out and the effect has been to destroy these other herds. It seems to me we ought to wake up on this question of tuberculosis. Now, the question of a man's responsibility between himself and his neighbor and his God in sending out anything that is tuberculous. I know the law is doing something, but the law won't reach deep enough unless we can reach a man's inner conscience.

While I am on my feet I want to say a word about alfalfa in dairying. I cannot exactly offer anything new but I can emphasize a little more what Mr. Hill says and in order to do so

I will say I have been able to study alfalfa in almost every state of the Union and in Canada, and I find that what he says is true, wherever you shall find a clay subsoil in which there is either limestone gravel or pieces of broken limestone, and will then work into the soil a little stable manure—which is absolutely essential—anywhere this side of the Missouri river, you can surely grow alfalfa. I found it growing beautifully way up north of Toronto and thoroughly well inoculated after being grown six weeks, with the necessary bacteria and the nodules on the roots and all that. I found it growing in far northern Dakota, up clear to the Saskatchewan and I have heard men say it grew in Alberta. I have seen it growing as far south as old Mexico, so I think you will say there is no reason why it should not grow on almost every farm in Wisconsin. There are two things I want to say about the growing of alfalfa: First, that land should be dry enough, so that if you dug a posthole in it the water would not stand in that posthole, at least not more than a day or two. The land must be dry enough for that, and that is the reason why we have laid on our farm almost fourteen miles of underground drain. Our subsoil is a tough clay with a great many small pebbles, we can't use a machine; we have to dig by hand. That soil is the most inferior soil that we have.

Furthermore, while this question of manure is up, I want to say this; I took an old field in 1896, covered it thoroughly well with manure, a very tough yellow clay soil and it had to be under-drained first, it was so poor I have heard my father say it wouldn't work at all without a lot of manure. I covered that field thoroughly with manure in 1895, and planted corn in 1896; then I planted it to alfalfa and got a stand in 1897, 1898, 1899, 1900 and 1901, each of those years I took off crops of alfalfa hay; usually four crops, and several of the years five tons to the acre, and some years six, without putting on any more manure at all or any kind of fertilizer all that time. The only implement of culture in that field was the harrow and the hay rake. Then I plowed it up, it was hard plowing, but I managed to plow it; the next year I planted to corn without manuring, and I got a wonderful growth of stalks, but only sixty-six bushels of shelled corn to the acre. I planted corn again and I got eighty bushels of corn to the acre, the land doubled what it produced

before the alfalfa was put on. Then I put a little bit of manure on all over it, and sowed it down to alfalfa again and I made the first failure that I ever made in sowing alfalfa. I planted part of it with oats for a nurse crop, and with that clay land I thought it surely would stand oats, but it wouldn't. They would grow up about so high and then they would fall down and they smothered out the alfalfa in that part of the field.

Now, a word about pasturing alfalfa. We pasture every year not usually with dairy cows, not so much that we are afraid of the dairy cows killing it out, but mainly we were afraid of the alfalfa killing the cows, because there is a little danger of bloat. We pasture with hogs and horses and I wouldn't be afraid to pasture to cows under certain conditions. The way we prevent killing out the stalk is this, we keep so little stock on it that we mow the pasture just the same. They do not kill out soon, and we find that pasturing does not do any harm. But we always take the stock off before it comes cold weather and never allow anything to tramp on it when it is wet or cold, especially in cold weather. In the winter time, when it is frosty, we never let a wagon go across it, we know that will destroy it.

Mr. Goodrich: I want to ask a question in reference to tile-drained lands which are to be planted to alfalfa. You know that certain roots, especially some kinds of trees will get into tile drains and choke them. Now, does the alfalfa work that way? That question has been asked me a good many times, because I have talked about alfalfa a good deal, but I couldn't answer it. I had to tell them that they would find out by experience. Now, it looks as if I could find out now by some one who has had experience.

Mr. Wing: Do you refer to tile drains that are carrying spring water in the summer time?

Mr. Goodrich: Taking off the surface water in the soil. We know that tiles do not stay tight together, so that any little fine root can work its way in. I have known of drains being choked up by Balm of Gilead trees, by elm trees and other kinds. Now, does alfalfa get in there and act that same way?

Mr. Wing: Our experience runs since 1890 with alfalfa, and that farm as I say has fourteen miles of tile drains altogether. A few of those carry spring water, that runs all summer, and

only in two instances have roots ever filled up the tile drain, those were in the spring when it filled them up so full that if you put in one more alfalfa root it would have busted the tile. But in the other tile that only carried off the water in the winter time, it never has done any harm, and we think that even on those fields where the tiles go through, that the profit from the alfalfa is sufficient so that we can afford to put an Irishman in there to clean out the tiles if they fill up.

Mr. Scriber: The alfalfa roots take the place of tiles in opening up the land.

Mr. Wing: But they won't take away the spring water.

Mr. Goodrich: We have tile that runs through almost the driest weather, we have had for twenty years, through a clover field. I have put in some alfalfa there, and I don't know, there was something the matter.

Mr. Wing: If they are running all the year around, I think you will find a good collection of alfalfa roots in there. I will tell you how many of you may know whether you can grow alfalfa on your farm, a simple rule that I never knew to fail. When you go out to plow that field in the spring, just observe whether the blackbirds follow in your furrow after the plow, and if they do, go to town and buy some alfalfa seed, and if they don't, put on some more manure; I never knew it to fail.

Mr. Hill: Around Syracuse it seems to be the idea that after the first year it is useless to top dress. What is your experience?

Mr. Wing: I didn't try it, but it does not seem to do well and it is not necessary, and I found other places for the manure. Mr. Goodrich wants me to explain about the black birds following the furrow. Of course it is the earthworms, they follow after, and we all know they get into the soil when there is plenty of humus there and manure, so that wherever you find manure and humus enough for the blackbirds to be in, the alfalfa will grow there all right.

Mr. Jacobs: You spoke about a clay soil with limestones in the subsoil. With us, a large part of our soil is black soil with a hard pan under it for about three feet below the black soil and then sand indefinitely. What is the prospect for growing alfalfa on that quality of soil?

Mr. Wing: Does it grow red clover well?

Mr. Jacobs: Very well, indeed.

Mr. Wing: Then it will grow alfalfa; that is a rich soil.

Mr. Jacobs: Yes, a fairly rich soil and there is quite a good deal of sand in the top soil.

Mr. Wing: One of the mysterious things about alfalfa that we learned through our experiences in Iowa and some of the other western states, is that on some of those rich prairie soils they absolutely could not grow it until they put on some stable manure, and after that it grew abundantly. Why that is, I don't believe any man can say, only that the manure seems to make the bacteria multiply, and with them all good things come.

Pres. Martin: Gentlemen, this has been a very interesting discussion, but we will have to close it and pass on with our program.

THE BREEDING OF PURE BRED HOGS AND THE BUILDING UP OF A TRADE.

A. J. LOVEJOY, Roscoe, Ills.

The above subject, is one that covers a wide scope; one that must treat of many years of trials and troubles, dark days and bright ones, successes and failures, bitter experiences and final achievements; yet, with all this, it is one of the most interesting as well as profitable ventures that can be carried on, in connection with the farm.

To enter the arena as a breeder of pure-bred hogs, one must have certain qualifications born within him; first and foremost of which should be an unimpeachable character. He should be with this, broad-minded, that he may see beyond the present horizon, honest that he may always be willing to do as he would be done by—not like some who believe in doing the other fellow first, thinking he would do you if he could.

Next, he must be *absolutely sure* that he will like the business, even during the most discouraging days, ever keeping his eye on the bright star of hope for final success, be it ever so distant.

He must also have, with all these qualities, that inborn element of "stick-to-it-iveness, and be willing to take the oath that through smooth sailing, and rough, through winter's storms and summer's suns, he will even when great black clouds appear on the horizon, still never falter, but will with renewed determination, say, "I am going to stick to this business and am going to make it win;" he must ever have that needed quality known as pluck, for "pluck wins, it always wins, though days be long, and nights be dark twixt days that come and go." Still pluck wins, its average is sure. "He gains the prize who can the most endure, who faces issues, who never shirks, but waits and watches and who always works."

Thus, having all these qualifications with a love for the business and a determination to succeed one may enter the ranks as a breeder of pure bred hogs with a bright prospect of making it a financial success.

CONSERVATIVE BEGINNING.

To best insure success one should as a beginner commence in rather a small way, and gradually increase his herd as he grows in experience the best though the most costly of all schools. One will run up against many perplexing questions that will require all there is in him to master. We have all seen the plunger, even in the hog business. He in some manner became infected as it were with the germ, and has figured out that if Mr. A. can sell a litter of pigs for several hundred dollars, he can certainly do as well, also that if one litter will bring so much, twenty litters will bring twenty times this amount, and it all looks easy to him on paper. He launches out, perhaps with a good capital, buys many high-priced animals, and soon he finds himself long on hogs and short on experience, out on a rough sea without a rudder to his ship, tossing about on the waves at the mercy of the storm, with the chances of being dashed against the rocks and lost. He is soon forgotten. History is full of such cases.

How different is the case of one who starts in a moderate way, is willing to begin at the bottom and build up a trade and a herd that will be a credit to him to the breed he represents. He may be able to purchase but three or four sows to start with, yet

he tries to get good oses, sows that are not only well-bred along lines of popular breeding, but that are good individuals of the breed he selects. If he buys a boar to mate with them he sees that he is still better than the sows, that he may improve even from the start. He realizes that it is cheaper to have the best of animals for his foundation than to buy more, and of a more common and the live stock people are interested in the same things that quality. He also realizes that there is a difference in popular strains of breeding, for say what we will this word fashion crops than others. This may be for the reason that certain strains of blood in every kind of live stock that command more money than others. Thi may be for the reason that certain strains produce more prize winners than others, and also are more valuable as breeders, having the power to transmit their good qualities to get to their third and fourth generations. One should therefore begin as near right as he can, with what knowledge he has, and what means he can command. He should, if he has not already learned the lesson, obtain a knowledge of how these pure-bred animals should be fed and cared for. There is much in care and feed, possibly about as much as breed. He should feed always with a view to the usefulness of these animals as breeders, and for this purpose he need not go to great expense in purchasing feed. He can make up a well-balanced ration almost entirely from the products of the farm. If he lacks one or more of the proper kinds of grain or other feed, he may resort to the purchase of something that will help balance up the ration.

For his sows, during the period of gestation, he can make a good well-balanced ration as follows: Take equal parts by measure of good old-fashioned corn, with oats, ground finely, and to this add an equal part by measure of good middlings, or what some call "ship stuff" and to this combination—if in winter, and the hogs can get no grass—let him add some bright, well-cured alfalfa, either run through the cutting box or even fed whole. In our own system of feeding we use this ration with about 10 per cent of Swift's Digester Tankage, and we run the bright green alfalfa through our power cutter and then through our Kelley Duplex Steel Buhr grinder, making a good quality of home-made alfalfa meal, mixing this in small quantity with the ground feed. In fact we generally grind the corn, oats and

cut alfalfa all together, while the amount of alfalfa is small and when ground with the other parts of the ration hardly shows, still it makes a green, thick, sweet-smelling, heavy feed, so well-balanced that it furnishes all the flesh-forming and bone-making material so necessary to grow the unborn litter to maturity. I speak of this matter of a proper ration for brood sows that a young beginner may not make the error of feeding that easy and always ready ration, corn, corn, corn. Corn is all right for the fattening period in finishing hogs for market, yet one can even then add pounds cheaper and quicker by making the ration 80 per cent corn, and 20 per cent tankage, as has been fully demonstrated in feeding hogs both for the international show and for the Chicago market.

Corn fed to the brood sow carrying a litter is almost sure to cause bad results, in that the pigs will be farrowed very weak, with hardly vitality enough to even hunt for their dinner, while it is quite likely to produce a feverish condition in the sow, with a tendency for her to destroy her pigs. One other very necessary thing in the successful handling of the brood sows, is that they must absolutely have abundant exercise. With the above combination of feed for a regular ration, and with plenty of exercise one may be sure of good results at farrowing time, and that the youngsters will be strong enough to meet every little trouble that comes along during his first few weeks of pignood. There is still another matter, in the care of the sows, and especially of the sow with a litter; this is an absolutely dry bed, warm if in winter, but always dry. Keep it dry and well disinfected with an occasional spraying of the animals with crude petroleum or some of the many disinfectants, and you will avoid the too frequent pest—the hog louse.

HOW TO GET A START IN SELLING THE PIGS FOR BREEDERS.

When one has gotten his first crop of pigs up to about six or eight months of age, he naturally begins to look about him for customers. I know of no quicker or better way for a beginner in this line of work, than to select a few of his best specimens, and fit them for the fairs. In this way, perhaps better than any other can he make his first bow to the public. He should only

exhibit at the county fairs at first, where he should show what he has to the best of his ability, with stock in prime condition yet not over done. Let him be on hand early and secure as prominent pens as he can, and above all things let him remain at all times with his exhibit, that he may answer all questions regarding them to those who ask. Right here is where many a man has failed in his sales. While he was over at the track looking at the races, some other fellow was selling the pigs. He should keep his exhibit clean as well as the pens and surrounding and when his entry is called into the ring, let him be ready, and present them in the best possible form. Do not commence to call the attention of the judge to the good points of your animals, he undoubtedly can see these points as quickly as you can. What he is looking for is the weak spots, and he will find them too. If you are successful in winning a ribbon or two at your first show, you may well feel proud. Should you not however be so fortunate, do not go up in the air and proclaim in a loud voice that the judge does not know his business or that you will never show at this fair again. Remember that the fair has probably been held for many years and it will continue just the same whether you are there or not. Better keep quiet and go and closely examine the pig that won over yours, and if you cannot see where yours lacked go and ask the judge, he will be glad to show you. One should by careful observation soon learn what it takes to win, and each year he should be able to come a little stronger, and soon be winning his full share of the coveted ribbons. One should even at this first show be able to sell his best pigs to those who are always looking for something good. His second year he should come still stronger and should win a little more, and sell his pigs easier and so on each year his trade and his acquaintance will grow, and each year he will find the business coming his way more and more. It is now, if not before, that one should commence to advertise his herd through the best Live Stock Publications in his vicinity, and when once he places an "ad" let him ever after keep it before the public, advertising is something that cannot be carried on spasmodically, but should be continued every week or month in the year and every year. What better recommendation could a man want than to have his "ad" appear for years in the same paper with only a

change of matter occasionally. In making up your "ad" do not gush too much; state facts in as few words as possible, avoiding the use of many extravagant terms such as "Crackerjacks" "World beaters" etc., etc. Just state what you have to sell and be sure you have the goods back of it to deliver.

THE MAIL ORDER TRADE IN HOGS AND PIGS.

After all probably 75% of the hogs sold by most of the old breeders are sold on mail orders, and they are the most profitable sales one can make, for they cost less. There is very little reason for dissatisfaction with either the seller or the buyer if everything is done as it should be. One should on receiving a letter of inquiry, be sure he has what the inquirer is looking for, and if he has he should describe it as correctly as he can, and should answer the inquirer promptly, and be sure and keep a copy of every letter you write both regarding the selling of your hogs or any other business you may do through the mails.

There is no reason why any man who follows the breeding of pure-bred stock should not either have a typewriter of his own and learn how to use it, and keep a carbon copy of every letter he writes, or even if he will not do this he should have a letter press and copy book and take a facsimile of his letter. Here is where 90% of all disputes originate, simply because one has forgotten what he wrote, and what he priced, or how he described the animal. After writing your man and keeping the copy of what you wrote him, if you get another letter asking further questions look up what you wrote him the last time,—it should be pinned to his letter and filed conveniently where it may had in a minute. Do not write long letters. Be as brief as possible and fully describe the animal. I believe I could show you every letter we have received in twenty to thirty years, and the copy of the answers. This is often of great value to us in our business, as frequently we receive a letter asking if we can furnish a pig not related to one purchased from one to five years previous. It is but a simple matter to look up the whole correspondence and also the stub of pedigree sent, or even the name and date of birth of the animal on the breeding record.

After one has followed the county fairs a few seasons and has

in a measure learned something of what it takes to win, he may widen his acquaintance by making a circuit of the state fairs;—but remember, when you start out to make a state fair circuit, do not imagine you are going to clean things up, nor had you better promise your wife a new piano from your winnings for you are now going to run up against the real thing. You will now meet the real artists. The real P. T. Barnum's of the show ring, and while our geese may have all looked like swans to you at home, you will be quite liable to find that they are only geese after all. Probably you will have but few, if any, ribbons at your first shows. After the smoke of battle has fully cleared away, however always look pleasant. Even though you are knocked out, come up smiling. Do as I advised you to do when starting out to the county fairs, when you were a beginner, come again next year and come stronger, you will, if your judgment is good, soon be winning your share of the "Blues" and "Purples," and each succeeding year you will learn just what to take out to win the coveted prizes. The acquaintance you make at the great fairs will be of far greater value to you than those made at local shows for at these great shows you meet men from every state, and they are the men who are willing to buy the best, and pay what it is worth. Besides all this, a ribbon won at one of these large shows is worth many times more than those won where competition is less keen.

ALWAYS SATISFY YOUR CUSTOMERS.

A satisfied customer is a living advertisement for you, and you should make it a rule to do this if complaint is made even though it is not altogether your fault. It will come back to you many times a thousand fold. One may occasionally be imposed on, but not often. Should there be complaint regarding a pig or hog shipped through a difference of opinion, always try and do a little more than your part to satisfy the purchaser. With care in replying to inquiries as well as in describing the animal, complaints will be few and far between. Probably most complaints are made from buyers of bred sows. Many make an error in shipping a bred sow too soon after receiving the order. She should be held till you are fully satisfied she is safe in pig, and

this is not always even after she has passed the second period. A better way is to hold till she shows her own guarantee.

KEEP CAREFUL RECORDS OF ALL THINGS DONE.

Never depend on your memory for anything, and especially do not try to identify your pigs without having plainly marked them. You may think you know every pig farrowed, but suppose you were taken sick and did not see them from the time they were two or three weeks old till they were two months old. You would certainly be all "balled up," and with one to two hundred pigs it would be simply a case of guess work. There are many systems of marking pigs, but only one that is safe and practical. Labels are simply a failure. More will come out than will remain in for six months. The best system yet discovered is the use of a harness punch, and a system of marks with which one can identify every pig up to a thousand head and make no mistakes. These punch marks need not be made so that the ear will be disfigured at all, make the marks small and do it when the pig is young.

Keep a private herd record that will show the name of every sow, as well as name and number of her sire and dam, date of service, date litter was farrowed, the number in the litter of each sex, and how marked, and the disposition made of each pig. In fact have a well regulated system of doing every thing connected with the business and adhere closely to this at all times. Have every breeding animal recorded in the record association for the breed. If using several herd boars keep a little book in your pocket showing just what sows are being bred to each, and each day go over this book and note what sows should be looked after. Know to a certainty every detail of the matter, do nothing in a slip shod manner. As your business grows add every convenience possible. Always be prepared for company. Do not have to make excuses. Keep every thing in ship shape. First impressions are generally lasting, let your herd and surroundings be such that this first impression will be a good one. Do not let your herd show by condition, or general appearance that you are careless, and not up to your business. When you have a visitor do not "slop over" in praising the good points of your

herd. Better let him do most of the talking. He will know whether you have good ones or not, and just how good they are.

Be as square in dealing with a mail order customer as you would with him if present. In thirty years we have found the selling of hogs through mail orders very satisfactory indeed, and our orders run up to many thousands of dollars annually from this source alone.

A WORD REGARDING THE PUBLIC SALE.

The public sale is also a good way to dispose of one's surplus stock, and has no doubt come to stay. One of the advantages of this system is that it brings many breeders to the farm where the hogs are bred, and the purchaser can see the system and manner of handling the stock on this particular form. Besides it brings the value of the animals all at once, which can often be used to a better advantage than when it comes dribbling along each day or week in smaller amounts. We have also made a practice at home of holding annual sales, and have found them very satisfactory, and we feel that we have been quite successful in bringing the very best breeders to our sales from many states each season.

There are many little matters that go to make a satisfactory sale. First, only good animals should be catalogued for the sale, and these should be in prime condition, though not loaded with fat. Every hog or pig should be plainly labeled with a number to correspond with the catalog number, and every convenience should be made for the crowd and for the easy handling of the animals. Every man that is to help about the sale should know his place and be at his post, that no delay may occur. Every promise made in the catalog should be lived up to, and every guarantee fulfilled.

I might go on with this subject indefinitely, yet I feel that I have said enough. In closing I can only say, that I have been a breeder of pure bred-hogs for 30 years; starting at the very foot of the ladder without capital or experience, so that what little I do know about the business I have learned under adverse circumstances, and by bitter experience; yet I can say truthfully, I have never wavered for a moment in my ardor, even though many times knocked and buffeted about. I have always had

faith that the breeding of pure-bred hogs was a profitable business, with no limit in extent, and with all its ups and downs, it is to me a pleasure.

DISCUSSION.

A Member: How do you give your sows exercise?

Mr. Lovejoy: In our business, every sow has a half acre of land and a little sleeping house, and the feeding house is way up at the other end of this long narrow field, and she has to walk to it. We have thirty lots laid out, each by itself, containing a half acre of land.

Mr. Jacobs: In our section, we might have to run a snow plow down there often.

Mr. Lovejoy: We do sometimes; I am only fifty miles south of here.

Mr. Goodrich: Don't you consider skim milk good feed?

Mr. Lovejoy: Yes, I do.

Mr. Goodrich: So that the breeding or raising of hogs and the dairy can work nicely together.

Mr. Lovejoy: Yes; but I am not a dairyman. I have a little skim milk that I get from the creamery and I like it, but we can raise them very well without.

Mr. Goodrich: I was down in Indiana taking a cow census two years ago and one of the questions I asked every dairyman was, "What do you value your skim milk at a hundred?" and they placed the value from nothing all the way up to a dollar. One man said forty cents. I said "Can you get forty cents out of it?" He answered, "Yes." I asked him how, and he said, "By raising just such hogs as those out there." He says "there is no way on earth that I can produce such hogs as that without skim milk." Maybe he put it pretty strong. Did he?

Mr. Lovejoy: Pretty strong. We have grown them just as big without a drop of it, but still I like it, or if I can't get skim milk there is nothing better than this digested tankage, a product of the packing house, which contains sixty per cent protein. You can take a certain amount of meal, a certain amount of mid-

dlings, a certain amount of tankage and get an absolutely balanced ration, and you will never have tuberculosis if you let the skim milk alone.

Mr. Goodrich: If a man has his herd tested and feeds his own milk to his own hogs, he won't have any of his own tuberculosis.

Mr. Lovejoy: You would have to have quite a dairy to furnish enough for three or four hundred hogs.

A Member: How much growth do your hogs average?

Mr. Lovejoy: We can make a pound and a half a day in growth from birth up to a year.

A Member: We have had them seven hundred pounds at a year.

Mr. Lovejoy: I will show you a yearling that weighs 925 pounds now.

A Member: Do you feed oil meal to breeding sows?

Mr. Lovejoy: I wouldn't want to feed it very strong.

A Member: How do you develop your gelts?

Mr. Lovejoy: They are fed corn meal, oats and alfalfa mixed together, a nice ration, and with that we mix skim milk. We feed it very thick and feed it warm.

A Member: Do you use that same feed for boars?

Mr. Lovejoy: Yes, everything on the farm.

Mr. Convey: Do you feed your breeding stock to the full limit of their appetite?

Mr. Lovejoy: Oh, no, unless you are feeding a young gelt.

Mr. Convey: Isn't it a fact that where you feed skim milk you can risk feeding narrower than otherwise?

Mr. Lovejoy: Yes, you can use less ground feed.

Mr. Convey: What is the idea of grinding your corn?

Mr. Lovejoy: We grind everything; we have our plant, our grinder. We shred our corn in part and run it down into the grinder without every handling it. We mix it with the alfalfa and oats, mix them all together.

A Member: Do you pasture your alfalfa?

Mr. Lovejoy: No, we don't raise enough. These half-acre lots are blue grass. It was clover at the start.

A Member: How often do you change your fields?

Mr. Lovejoy: We have used them about six years. We have a thirty-acre field that is pretty nearly square. Right at the

center is an alley or lane thirty feet wide. These lots are fenced in each side of this lane and that fifteen acres each side is divided into long narrow lots, varying from three quarters to an acre, and the pigs have to come clear up to this lane to get their feed. That is my reason for arranging them that way, even the little fellows do that. We water them, if necessary, from a feeding trough. All our feeding is done with a horse; we have a little, low wagon, only twelve inches high and the horse we have used for ten years at that work, and he goes up one side and down the other and it is fed right out over this little low fence.

A Member: What do your troughs cost you?

Mr. Lovejoy: They cost in Chicago \$4.60, made by a firm Walburne-Swentz Company. They have given up making them, but I understand Sears, Roebuck are making them. The little fellows cannot get their feet into them.

A Member: How about what is left in the trough?

Mr. Lovejoy: There is nothing left.

A Member: Do you have much trouble with cholera?

Mr. Lovejoy: We lost about \$12,000 one year, and had an antitoxin feeder on the farm, punching them full every day, and I think he killed most of them. I have got a shotgun on the farm for the cholera crank that comes there next.

A Member: Is it true that litters are degenerating?

Mr. Lovejoy: I don't see any difference in the litters. It may be from some breeds, but I have only one breed. I can show you hundreds of letters, "What will you charge me for Berkshire sows? I have been breeding Poland Chinas twenty years, but I have got tired of raising single pigs." We keep a sow as long as she lives if she is a good breeder. We have them on the farm up to thirteen and fourteen years of age.

Mr. Convey: You don't mean to say all Poland China breeders feel that way?

Mr. Lovejoy: No I don't think they do. This man in Iowa who has been spoken of here, has as big litters as he ever had.

Mr. Convey: That has been the tendency more in Illinois than here. We depend more on feeding rich feed and good pastures. I know it is utterly impossible to keep hogs up if you feed on too concentrated feed, you must have bulky feed.

Mr. Lovejoy: You go down through the corn belt in Illinois

and the average farmer raises lots of hogs for the market. He will raise one to a hundred or two hundred pigs, and when they are weaned, he immediately, even though they are only fifteen to eighteen months old, turns them out. He goes into his bunch of young gets and picks out a lot to breed next year, and he follows that up next year, and he is simply breeding from immature animals, and the consequence is there is a small number in the litter and they lack in stamina and everything else that they ought to have. Those two things are where much of the trouble comes from, too much corn feed and immature breeding.

Mr. Everett: So that it is not in the breed, but the handling, that the trouble comes?

Mr. Lovejoy: Yes, that is true.

Mr. Everett: Isn't that the kind that are taking premiums sometimes?

Mr. Lovejoy: It is true and it is also true that with some of the breeds the winners would be useless; they would be so overdone. I know you would hardly want to take home a breeding animal, such as you see in the fairs sometimes.

Pres. Martin: At the international we struck judges who were very careful about those overfed animals.

A Member: My son and I went down to buy a young boar, and we could have bought a first premium pig or a second premium pig for \$25, but we had to pay \$30 for the third premium pig, because he was not a show pig.

Mr. Lovejoy: If they had given him the first prize, he would have been out of the ring.

Mr. Wing: That is the way they have developed the milkless cow.

Mr. Martiny: You said something about advertising. Have you any definite system in advertising? What percentage of your receipts, for instance, do you spend in advertising and how do you select your advertising medium?

Mr. Lovejoy: We used to do our advertising by attending shows until we got pretty well established, but for twenty years we have only carried one advertisement anywhere, and that is in the Breeders' Gazette. As long as that sells all the stock we can raise, there is no use spending any more money. Since the first of January, I have had an advertisement in what we call our

Berkshire paper, just simply to please Colonel Mills, but I don't need it any more than I need a white elephant. I couldn't help it, I just gave it to him to get rid of him. I would like to patronize more papers if I was a beginner, it is the right way to do, and the best way to do it is to advertise in a good paper and to keep it there all the time. It isn't wise to advertise this month, then cut it out next month, because you haven't any sales. Keep it up.

Pres. Martin: A certain paper in my line might give the best results, and not be worth very much to you; I have found that to be so, and I have used the Breeders' Gazette pretty nearly altogether. I have used perhaps seventy-five per cent of the other papers in the United States, and not many of them have been any good to me.

Mr. Lovejoy: Every paper will bring you a different class of customers, I find. In our trade it is largely with breeders, except that occasionally a farmer who is raising hogs for the market sends an inquiry, a good class of men. You make a deal pretty nearly every time you get a letter. I once had a request by a paper I could name to let them carry an ad. for me for six months, and they would take it out in pigs. Well, I was younger than I am now, and I did it, and I used to get letters written in red ink with little "i's" and funny spelling, but I never made a sale from it, though I got lots of letters. I have had pictures in many different papers, had a picture in the International Stock Book, and I never yet have made a sale to one of those fellows. There come to me lots of letters, some in the awfulest writing you ever saw. Before one of these sales I got a letter from Oklahoma with three silver dollars, saying, "I bid three dollars on No. 8 of your catalogue. If he goes for that, kindly ship him in good order to me. If not, return the money." Once in a while somebody makes a bid on an animal shown in the catalogue. That particular hog, No. 8, brought \$32, and I sent him back his three dollars, telling him what the hog brought.

A Member: What will you use for pasture when you break up your present pasture?

Mr. Lovejoy: Oh, I will have a clover pasture ready. I am going to sow barley and oats with clover on a thirty-acre field and keep it growing until about June or July, and turn all these hogs into lots on that.

Mr. Wing: Why don't you grow alfalfa?

Mr. Lovejoy: I would like to if I could, but it takes too long to start, and I am afraid I will spoil it when it is young. Clover grows very nicely with us, and it will last two or three years.

A Member: Have you ever raised any rape?

Mr. Lovejoy: Yes, we have used some rape for pasture, but I would rather have clover or something else. I never had any trouble from it, but I have read accounts where some people turned pigs into rape pasture when the dew was on it and they had sore faces and ears. I don't know whether there is anything in it.

Pres. Martin: I believe that is confined largely to light-colored hogs.

Mr. Wing: How old do you keep your sows?

Mr. Lovejoy: If we have got a sow that raises a good litter of pigs and is a good mother, we keep her as long as she lives. We have four now that are between nine and twelve years of age, and one that is thirteen years old.

A Member: Do you raise more than one litter a year?

Mr. Lovejoy: Yes, from about one-third of the sows, not all of them. When the mother gets into that lot with her litter she stops there until they are weaned, and she is turned out on a big pasture, and the pigs are kept until they are shipped out.

Mr. Hill: You said when you got an inquiry, you kept a copy of your answer, pinned it to the original inquiry. Do you keep the address and other data in addition to that?

Mr. Lovejoy: Yes, we have the card system, but we keep copies of all letters in the letter press book, so it is easy with a typewriter to make a carbon copy and we can always quickly find any correspondence, and it is a great thing to know just what you said. We haven't had a disagreement or a pig returned in fifteen years.

Mr. Hill: How long will it take a farmer to learn to write on the typewriter?

Mr. Lovejoy: About two or three days. I kept a stenographer for a year or two, but I learned finally to write as fast as she could, and run the typewriter myself.

Mr. Hill: You are sure you can write faster than you can by hand?

Mr. Lovejoy: Oh, yes, and when I get through you can read it.

Mr. Scribner: That is more than we can do with some letters we receive.

Mr. Lovejoy: Yes, I get them from foreign countries that I can't find anybody in the county that can translate them.

Mr. Martiny: How are those pens in regard to shelter?

Mr. Lovejoy: They are built just like the letter "A" and they are nine to six inches on the slope. They come within two inches of coming together at the top, and that leaves two inches of air space eight feet long and to cover that there is something just like an inverted trough. You can stick your head in there in cold weather and the air is as pure as it can be, all the breath goes up and out.

A Member: No frost on the inside?

Mr. Lovejoy: Not on the inside; on the outside there is where the breath goes out. There is a double floor, with paper between. There is a door on the south, and on sunny days the north door is kept open and the south door is always open. These houses are swept out every Wednesday and Saturday, and fresh dry bedding put in and the old burned. For the floors, you take 2x4's sixteen feet, and cut them in the middle.

A Member: I should think it would be better if the floors fitted inside better.

Mr. Lovejoy: You would have to make them very carefully to fit into those slanting sides. Those floors are only four inches from the ground. When we get ready to move them, we tip up the houses and put them on a stoneboat. They are built very nicely and all painted and numbered and they cost about thirty dollars apiece. I have seen them made low so a man couldn't get into them, but I don't like that.

Mr. Martiny: Do you think it would be an improvement to put a window in one side of the roof?

Mr. Lovejoy: We get the sun a very little while in the day anyway. It would have to be in the west.

Mr. Wing: Pigs don't read very much.

Mr. Lovejoy: No, but they like the sun. We have got a farrowing room that is sixteen feet square, with double walls, and built nicely, with four big windows in it, and adjoining it, a little

sun bath, a little room about six feet square made entirely of glass. You let a little litter of pigs be born a day like yesterday, it was a pretty cold day, and we slip them in there and it is the warmest place you ever saw. We use it for our lambs the same way.

Mr. Everett: When I was at your place last, I noticed you had a lot of woven wire attached to cement fence posts. I wish you would tell us what you think about cement posts.

Mr. Lovejoy: We use lots of cement posts; but not in our hog lots. We have a four-stringed woven wire fence on the Janesville cement post, and we like them very much. They are about four and a half inches at the big end and about three inches at the upper end, and three cable wires.

Mr. Everett: You find they stand the heat and cold?

Mr. Lovejoy: Oh, yes. The end posts are large and we set them in a hole and fill the hole with concrete, and allow it to harden, and I believe they will stand there for my grandsons. By having these cement posts set in cement at the ends you can put on the Power stretcher and it will never give. We have had some up five years. You don't need to have any brace at the end by setting in cement. The end posts cost \$2.50 apiece. We dig a about two feet deep; about four feet square, and we fill it with concrete and let it set a week before we put on the Power stretcher. The posts cost us about twenty-seven to twenty-seven and a half cents, except the end posts. The cedar posts are not worth setting as we get them. In about six years you can push them over. I don't expect ever to set out another wooden post.

The following committee was named by President McKerrow:

On Resolutions: Mr. J. W. Martin, Chairman; Mr. C. H. Everett and Mr. Thomas Convey.

Pres. McKerrow: I want to say one word on a suggestion that Mr. Martin made, and that was that the stockmen and farmers of the State of Wisconsin who represent the largest interest in the state should have certainly one representative upon our University Board of Regents. A good many of us have felt that way for some time, and very recently when there was a vacancy in the Board of Regents, I was met here in the building by two farmers from the southern part of the state, who suggested just what Mr. Martin suggested, namely, that it was unfortunate that our Board of Regents, with Agricultural College, which they con-

sider the large end of the university representing the largest interest in the state at that time when the only farmer member of the board had resigned, was without representation on the Board of Regents. I said, "Go right in and talk to the governor about it." They said, "We will, if you will come in with us," and we went in and talked with the present governor of our state, and he said, "You are right, gentlemen. If I can find a farmer suited to the place, I shall appoint one," and he has done that. He said further when he suggested that we thought that the interests that we represent would call for four or five members of the board of thirteen members, he said, "I think you are right, gentlemen, and in time probably this can be brought about if you fellows just keep the same idea and keep pounding on it as you have with me this afternoon."

A Member: You have got to demand it every year, haven't you?

Pres. McKerrow: Probably every time appointments are made. Therefore, I can assure you that the present incumbent has that idea, and as the gentleman suggests, we want to keep pounding every year, and probably this committee will offer a resolution leading along that same line which will show the powers that be the sentiment that we farmers have in our minds.

Pres. Martin: You, gentlemen, most of you, are farmers, or have been, and you know it is only a few years back since we were recognized under a different name. It is less than two years since some of the very prominent papers in this state made the remark that the "hayseeds" of the capitol were on hand, or something to that effect. I don't think I have heard such a remark as that in the last three or four years. Even the newspapers have dropped it. Mr. Wing here represents the Breeders' Gazette, the best live stock and farming paper published; I doubt if there is its equal in the country with such men running it as Mr. Wing and George Martin and Thomson and the others who represent that paper, and those men can meet with us to-day, coming last week from North Dakota, not long before from Canada, a few weeks before that in Nebraska, and so all over, and I believe we have come to be recognized as having an equal standing with men in their business, we have got far enough so that when we

get onto a train to go home they can't tell us from the traveling men sometimes by the way we act.

Mr. Scribner: I don't know whether that is anything to be proud of or not.

Pres. Martin: We have been told here to-day that we have degrees of dairymen, degrees of hog men, degrees of traveling men even. We don't necessarily have to follow the degree that does not suit us. We want to follow the man who is making a success in his line. That is the way we have improved as farmers in our methods, our means, our looks and everything else, because we are striving for a higher position, a position with other business men and those business men largely that have made

those higher positions are our boys that we have raised on the farm, and why are they in those higher positions? It is a case where our fathers did not have the means to give us the chance that we have given our sons. I have heard a story recently somewhere of a boy going out in the morning at four o'clock, stumbling after his father—I guess Lovejoy got that off—and that has been too often the case with farmers; called at four o'clock in the morning to go out without a lantern into the pitch dark, and if you had a lantern you would feel like breaking it over a fence post before you got to the barn. Well, those things have pretty nearly passed by, we don't do things that way. We all want to look for the better part of this business. We don't get department stores in the country always, but we can find some of the best lines of business in this world and we can get some mighty good ideas about doing that business by watching the methods of these department stores. Mr. Lovejoy gave us some good illustrations of business methods in handling pure bred hogs. While I have a method of my own that is somewhat different, yet I can look back any day to correspondence had with any customer. A few days ago I got a letter from a man that wanted a bull and he says, "You know what I have, and I want one like that." Now, I was pretty sure I never sold that man a bull, and I went over my books for twenty years, examining to find out what I had sold him, and I found I never had sold to him, but I mistrusted who was the man who had sold to him and I easily found out, so that I know now what he has

got, but I can go back any time in the last nineteen years on any kind of an inquiry and tell you whether I have what you want. I know where every animal goes that I sell, what condition it was in when it went out and all about it. I keep a record of everything that goes out, and it has been very useful. I can see Mr. Lovejoy or myself, either one of us, didn't know very much about keeping a first-class set of books, but I have seen his books and I know that he has just as good a method as the best bookkeeper would have, though it is his own method. While I did have a course in bookkeeping in a college, I never used that system of bookkeeping in my business. I have my own system, and it is much simpler, at least I can understand it better, though perhaps others might not so readily, unless they have somebody to explain. As Mr. Lovejoy says, it is very necessary to keep copies of letters, and that is very easy to do if you have a typewriter. I am not very much of a success on the typewriter myself, because my fingers hit at least two keys at once. I got over that by getting up an argument with my wife that I could beat her on the typewriter, but now she can beat me. We will adjourn till 9:30 to-morrow morning.

Adjourned till 9:30 Wednesday, Feb. 7, 1906.

WEDNESDAY MORNING SESSION, Feb. 7.

The convention met pursuant to adjournment at 9:30 A. M. President McKerrow in the chair.

Pres. McKerrow: I am sorry we have so small an audience this morning, because we have at the outset a very interesting and important subject. There was a time a few years ago when I might have taken some time to introduce the speaker of the morning, but now every Wisconsin farmer knows by reputation, if not by actual personal contact, our Dr. A. S. Alexander, who will talk to us about "The Horse's Mouth."

THE HORSE'S MOUTH.

DR. A. S. ALEXANDER, Wisconsin College of Agriculture, Madison.

Mr. Chairman and Gentlemen: I am very glad to have this opportunity to say a word for the horse, because, while he can open his mouth, he can only say, "Neigh, neigh," for himself.

I regret a little that we haven't a large body of students and young farmers here. When I notice all these wise faces around me, I cannot but think they probably know a good deal more about the subject than I do, and therefore I cannot make it interesting to all of you as I might to some students; but personally I have been in the business a goodly number of years, and I have learned something every day and hope to do so until I finish, and perhaps there are none here too old to learn something about that most wonderful of all mechanism—the anatomy of the animal; for the Creator certainly transcends in His wonderful work all of the demands or even the wishes, the imaginations of man as to what he might do in mechanics.

This horse's head which I have before me was not always this size, neither did he have such a "dental battery," as I call that set of great teeth fixed in his upper and his lower jaw. So we will go back a few millions of years this morning to the prehistoric horse. The original, the prehistoric horse, or, as he was called, the "dawn" horse, was a little bit of a creature, just eleven inches high, spotted and fine haired; an animal with five toes on each foot, instead of the center one now remaining, and which gives him the name of "Soliped." He was a short-lived animal who only existed some ten or twelve years for the reason that he had small, short crowned teeth with distinct roots that in ten or twelve years wore out so that he was no longer able to masticate his food, and therefore died. He had seven teeth in each lower and upper jaw, which we call the molar teeth or grinders. Gradually, through years of evolution, the horse increased from eleven inches to fourteen, then to eighteen inches high, then, after a few thousand years, he developed to be forty inches high, and at

this stage there were three distinct types of horse. The first was a fleet little horse, built like a deer, and he inhabited the plains; the second was a coarse, clumsy horse that was found in the forests, and the third, an intermediary horse, between the other two, which existed after the others had become extinct.

Just before the preglacial age we again find three types of horses, one about like our small western broncho, another much larger, larger than the great English shire horse with grinders actually one-third larger than those of that ponderous animal.

The other was the horse called the Pacific horse, found on the far Western coast of California and Oregon, and in type perhaps closest to the existing species of horse, but when America was discovered, there were no horses in this country at all, they had become extinct.

From the age of the dawn horse, evolution changed his shape, gradually he lost the thumb and the finger, or those toes that would correspond to the finger and the thumb. Then, after several thousand years the one on each side of the middle finger disappeared, though they have not yet disappeared entirely, for we have on the sides of the cannon bone of the horse, below the knee, what we term the "splint" bones.

The same operation was taking place in his mouth, because circumstances, the environment of feed, the growth of grasses became more common, more abundant, and nature provided the horse with a better set of teeth that would last longer and do more perfectly the work of masticating its supply of food.

The first step in the evolution of the teeth was the lengthening of the crown. Remember, the first horse had little short crowns that wore out quickly. The new horse got a longer, deeper crown. Then from the lower jaw disappeared, the seventh molar, which is located here (indicating). Later on disappeared the upper seventh molar, and I want you to remember this, because we shall presently allude to some interesting things relative to this. The seventh molar disappeared from the upper jaw after the lower seventh molar had gone. Then the teeth continued to increase in size until here is a molar tooth from this skeleton head (see illustration). This tooth has now sufficient material in it to last a horse from twenty-five to thirty years, and this is the skull of a horse that was knocked on the head at thirty years, because

he could no longer eat, and here we see the reason why. You see now this tooth has obtained this great size in the new horse, that is his increased dental battery and the most interesting thing about it is to know the composition of this tooth, which I consider a wonderful provision of the Creator.

This tooth is formed of three different substances each of which has a different density. The first is called cement, which is soft, sixty-seven per cent of it earthy matter and thirty-three per cent of it animal matter. The cement is on the outside of the tooth and around the roots.

Next is dentine or ivory which corresponds to bone. This is seventy-two per cent earthy matter, and twenty-eight per cent animal matter. The next and perhaps the most interesting is the enamel, which is ninety-five per cent earthy matter and five per cent animal matter, and so hard that it will strike fire as does a flint; it is so hard that it does not grind away so quickly as the cement or the dentine. Each of them wears gradually at a different rate of speed, and the purpose of this is that the surface of the tooth shall always be rough like that of a burr stone in a mill, so that it may grind the food perfectly and the enamel is introduced into the tooth in convulsions, or irregular curves, extending in columns and cylinders from the surface right down to the root. The outside of the upper molar of the horse's mouth next the cheek is much longer than the inner side. In the lower jaw, the side next to the tongue is higher than that next to the cheek. The purpose of this is that the chisel-shaped portions of the teeth may always be in apposition for the purposes of mastication, for the horse does not grind even across, his upper jaw is wider than his lower and the teeth cross each other partially in chisel form.

It may be that you have not thought of the fact that a horse only chews on one side of his mouth at a time. For an hour, perhaps, he will grind all of his food on the left side, or the right side, then when he gets weary, he changes over and grinds on the other side; he does not use both sides at once. You notice when a cow commences to chew her cud, she too will chew on one side; she is a unilateral masticator, just as is the horse.

Now, the fact that the edge on the outer side is always longer than on the inner, and that the side next to the tongue is always

longer, shows us that these edges become very sharp, and it is for this reason that we have once in a while to do a little dentistry in the mouth of the horse. Nature provided that the tooth's surface should always be rough and like a grindstone. Now, to go to a blacksmith and have him use a rasp and rub this tooth smooth like a billiard ball may make it look well, but it is disastrous to the horse. The real dentist only removes the sharp edge along the cheek side and the sharp edge along the tongue. If that is not done once in a while you are liable to have this condition in the horse's mouth (See Illustration), that gradually it will get out of shape; the points elongate, and if nobody cuts them off or files them down the animal reaches the condition that this skull shows, and it has to be killed. If it had not been killed, it would have died from inanition, that is, from being unable to chew its food.

Mr. Terwilliger tells me he saw many skulls like this on the range from horses that were turned out and died from inanition.

Horses kept in pastures where there is plenty of grit and sand can keep their teeth in condition pretty well, can keep them ground down, but under domestication where the food is ground and put before them and they seldom graze these sharp points lengthen very rapidly and should be removed at least once a year. If they are not, they interfere with proper mastication and the horse becomes thin, has a harsh, staring coat, and suffers from some disease, at least some people are convinced that it does, but give the ailment its wrong name.

Now let us pass from that subject to the appearance or eruption of these teeth—how the horse gets his teeth and when.

The foal when it is born into the world usually has an upper and a lower central pair of pincers. He is born with two above and two below. Six to eight weeks after, two lateral incisors, one on each side, come in above and below. Eight to ten months after, the corner teeth come in above and below, and the foal has a full mouth of milk teeth in the front of both jaws.

Now how can we tell whether these are milk teeth, the temporary or the permanent teeth? Suppose you are looking at a colt and want to know whether he is a young colt with a full mouth of teeth; the milk tooth is always white and smooth and has no

groove or mark upon its outer surface. The permanent tooth is much larger, broader, yellowish in color, and always has a distinct brownish-yellow groove down the front of it. The milk incisor teeth begin to shed in this way: The middle pair above and below are changed at from two years and nine months to three years. Then the next pair come at about three and a half to four years, and at four and a half to five years of age the corner teeth come in. You can recognize these permanent teeth; just remember they are much larger and yellower in color and each one has a distinct yellow mark down the front.

After the horse gets a full mouth of incisor or pincer teeth above and below, the marks commence to disappear. In the center or grinding part of each incisor there is a distinct cup or cusp surrounded by a black rim or circumference. At six years old these marks disappear from the middle pair of pincers; at seven from the laterals; at eight years from the corners; at nine from the middle pair above; then at ten years on the corner tooth above you will notice a mark, yellowish-brown in color, appearing from the gums and commencing to run down the tooth. That mark is usually in wear at about twenty years.

I will repeat, and it is a simple thing when you have heard it once, that up to two and a half to three years the incisors are all foal or milk teeth. At that time the first pair are changed to permanent teeth; about a year later the next pair, and at four and a half to five the corner teeth come in. At the same time the tushes come in, which we call the bridle teeth or canines, one above and one below on each side. These are lacking in the mare or are very small. In the prehistoric horse they were very large and near the incisors, but through evolution they came further back and got smaller and are now practically useless to the horse. They possibly were intended for fighting.

Any questions relative to this subject? This is more of a lesson than a talk, and if you have any questions along this line, we will stop a moment.

Mr. Houser: Do the changes take place about the same time in the upper or lower jaws as the colt sheds his teeth?

Dr. Alexander: It is supposed so, but I think you will generally find that the lowers come in a little later than the uppers.

Now as to these big grinders. A foal when born has got what

we call pre-molars, three on each side above and below. These are milk teeth, and are temporary, but the back three above and below are missing. At one year old the fourth molar or first true molar comes in, and at from two to two and a half years the fifth molar is in wear. At two years and nine months to three years these first two pre-molars are changed to permanent teeth. Then six months to one year later the others come in and the animal has a complete set of permanent molar teeth, these big ones that I spoke of.

Now, there is an interesting point that I want to bring out as to the eruption of these teeth. When the horse is two years and nine months to three years of age, remember that he is casting twelve teeth and getting sixteen new teeth in his mouth. These big fellows are coming through the gums, sixteen of these great teeth forcing their way through the gums, and it is because of the tremendous irritation, pain and distress occasioned by so much cutting of teeth that the colt is liable then to have a harsh coat of hair, to have some fever, to lack appetite and to be out of condition in many ways, and it is at this time in the colt's life that it is most prone to have one of several diseases, first, "moon blindness" or periodical ophthalmia, where his eyes are affected, or chorea St. Vitus' dance, where he jerks his hind legs, or he may be attacked by a certain form of strangles.

The first disease mentioned, "moon blindness" or periodical ophthalmia, is due you will be told, to "wolf teeth" in the horse. The wolf tooth is all that remains of the seventh molar which through evolution disappeared from this upper jaw, and it is a little bit of short rooted teeth not much larger than a man's tooth and is placed right in front of this upper first molar. The roots of this first molar run up high into the head and yet we blame the eye trouble to this little insignificant wolf tooth that is only half the length of the other tooth, but the trouble really is that the colt is cutting sixteen teeth and it is the irritation due to his getting his big teeth that brings out those troubles to which the foal is heir through heredity; it is the eruption of teeth that brings on the eye disease and it has nothing whatever to do with the little insignificant wolf tooth, but the foal being born in to the world with an inherent tendency to periodical ophthalmia, that hereditary trouble is developed at the time when he

is most distressed, affected and disturbed by the eruption of those sixteen big teeth. That is very simple to remember.

The same thing applies to St Vitus' dance or chorea, or to extra severe attacks of colt distemper, which we call strangles.

The question may arise, shall we remove the wolf tooth from the mouth? Yes, if you will, but it does not do any good, neither does the presence of that tooth do any harm, and the wolf teeth are naturally shed by the horse when he is seven or eight years old.

Thousands of horses suffer from periodical ophthalmia, and those same thousands may have wolf teeth, but there are thousands that have wolf teeth yet never get the periodical ophthalmia, so the horse suffers from that wolf tooth just about as the Angus cow suffers from that hypothetical disease known as "hollow horn," when she hasn't any horns.

Mr. Everett: Horses often develop periodic ophthalmia later in life don't they?

Dr. Alexander: Yes, and something else irritating the eye brings that on;—for instance an attack of influenza of standing in a draft a long time or exposed to the noxious gases in dirty stables, or standing where the sun's rays radiate too directly into the horse's eye, or where dust gets into the eye. For that reason we should avoid breeding horses that are affected with this disease known as "moon blindness" or periodical ophthalmia, as they beget offspring inheriting a tendency to the disease.

Now, let us notice where that big molar tooth runs to; it runs right up here, close to the eye. Remember that this part of the horse's head is hollow. There are sinuses or chambers placed in here by the Creator for a specific purpose like arches or buffers of air to prevent damage or concussion to the brain so close to this point; without that the concussion would kill him, but he is protected by these buffers or hollow air chambers. This tooth's root comes within a hair's breadth of penetrating into these chambers. When that tooth is split or becomes diseased and pus forms, it penetrates through this thin shell of bone between the ends of the roots of those teeth and the chambers of the face, pus flows down the nostril and the horse has what we call nasal gleet or chronic catarrh. It is safe to say that hundreds of horses were shot in the early history of this state as having glanders when the whole

trouble was due to this disease and the removal of a tooth would have done away with the cause. Then the discharge would have ceased and the animal would have made a perfect recovery. Whenever, then, we find a horse that has a chronic discharge from one nostril accompanied by a bad odor, we should never forget to look at these teeth and when tapping upon a tooth causes the horse pain because the nerve hurts, and a very bad odor is found upon the finger rubbed upon the tooth, the removal of that tooth by trephining will do away with the trouble. The bone of the face is about the thickness of a common thin gun wad. For this operation a portion of the skin is removed, a trephine which is a cylindrical saw is inserted and cuts out a piece of the bone (See illustration), and the way to extract the tooth then is by pushing it down, which is a little painful to the horse, no doubt, but the tooth can be brought out in that way when you can't extract it, and it is a comparatively simple operation which can be done even with the horse in a standing position and will cure the trouble known as chronic catarrh.

Now, we will take up the next trouble, and that is "lampas". Lampas is a disease that exists more in man's mind than in the horse's mouth. Every horse, has back of these teeth, a hard palate which is creased with heavy, well-marked ridges that are necessary in the mastication of food. When the horse is two years and nine months to three years old, he is getting, as we have stated sixteen big teeth and shedding twelve. Is it any wonder that this part of the palate swells in sympathy with like swelling and congestion of all the gums everywhere, and that is all that lampas is. When you see a horse with lampas, it is simply a symptom of irritation of all the mucus membrane that lines his mouth. The young horse with lampas is just as much in distress as a baby getting teeth. Now, what do you do for your baby? Give it a hard rubber ring to chew on and that helps the teeth to come through the gums, the irritation is relieved, the swelling subsides and the kid crows.

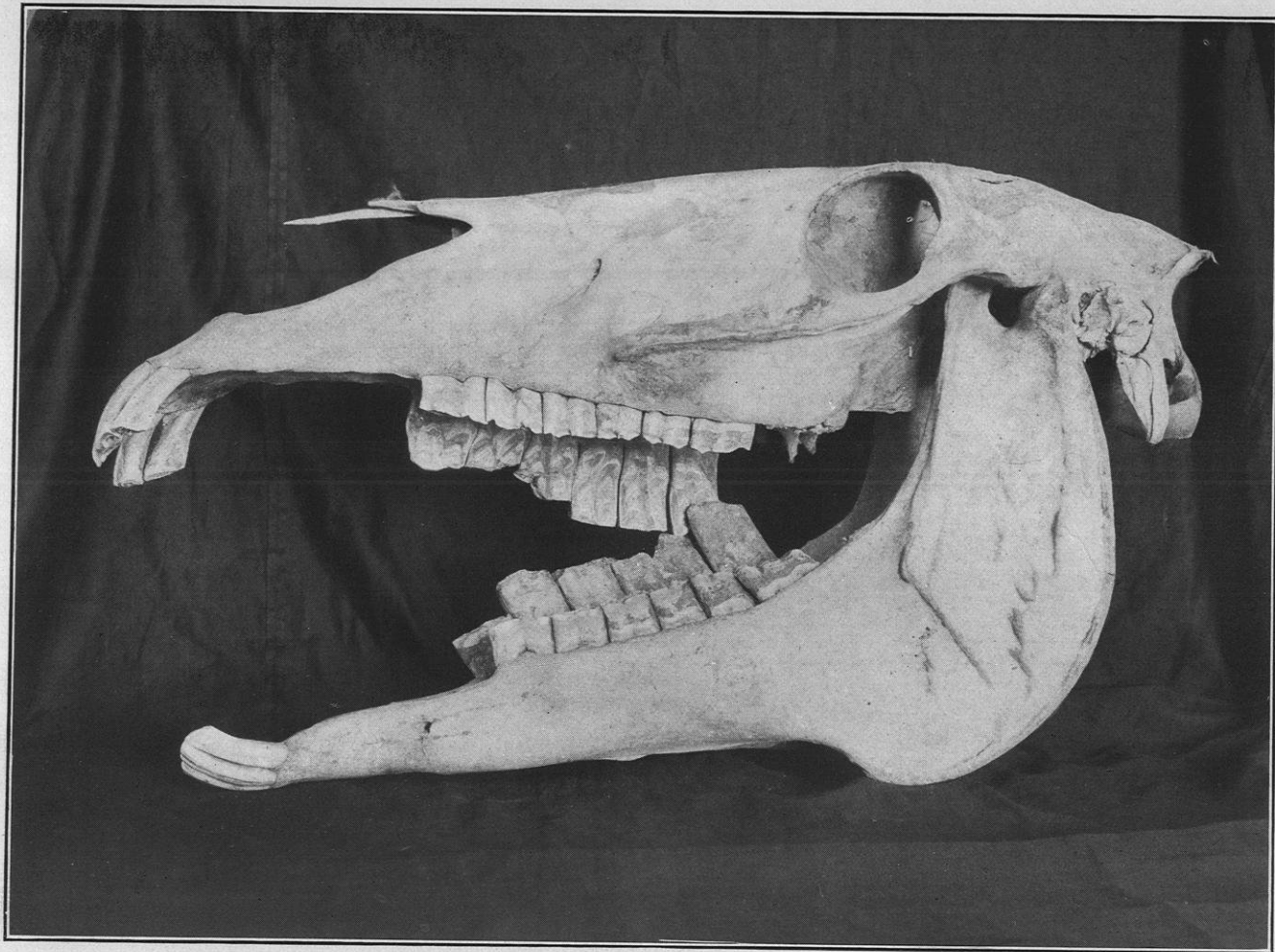
Give the colt some ears of old hard corn to chew on and that corn will have the same effect upon the gums of the colt as the ring has on the child's, or better still, open the horse's mouth and examine for the places where the teeth are coming through. They are there, and you can feel the points under the gum; then cut

that gum with a lancet, or pull off the milk tooth crowns, as the removal of those crowns allows the other teeth to come though the congestion ceases, the lampas subsides and the colt feels all right and neighs. So at that age, say from two and a half to three years, the teeth should always be examined. Don't take a rasp and grind it along the sharp points that are trying to get through the gum; that is not what is the matter. The trouble is that the permanent teeth cannot come down because the milk tooth crowns have lodged or the gum is so thick that the teeth cannot readily penetrate it. I have seen many cases where the milk tooth crown had lodged or got between the cheek and the tooth or the tongue and the tooth and its removal instantly relieved the colt, he went to eating and his coat became sleek and he got fat. For lampas, in addition to cutting the gum, and giving some hard corn to chew on, a simple wash of borax or alum is a good thing,—a tablespoonful to the quart used to swab the mouth relieves the animal wonderfully.

Mr. Convey: Is any special treatment or care needed for the colt at this time?

Dr. Alexander: Yes, that is the point. We see that as the colt is getting all these teeth, he is in a disturbed, unhealthy condition, he needs kindly care, good shelter and food that is suitable and nutritious, and if he does not get this care, he will develop some abnormal form of a disease like strangles and he is likely to do that because he is in that critical period.

Now, there are two or three little things I would like to speak of, and one of them is the difference between the mouth of the horse and the mouth of the cow and of the sheep. I need not tell you that the cow has no incisor teeth in the upper jaw. Some beginners don't know that, but you gentlemen all know it. The Creator has made the incisor teeth in the lower jaw of the cow loose and shovel shaped and slanted forward. The reason for the looseness and the shape of those teeth and their position is that they may not injure the dental pad of cartilage which the Creator has given the cow in place of incisors in the upper jaw. The horse has a long, flexible, smooth tongue. The cow has a thick, short, very rough tongue. In eating the horse uses his lips to gather his feed into his mouth and then with the tongue he throws it back on the molars to chew. The cow runs her tongue out,



SKULL SHOWING IRREGULAR MOLARS, AGE OF HORSE 30 YEARS.

takes hold of a tuft of grass, takes it into the grasp of these incisors and tears it off between the incisors and the dental pad.

Now, the sheep. The Creator has split the upper lip of the sheep into two equal portions each of which has independent action; that is, a sheep can use one side of the lip or the other, and when he grazes he spreads those two lips apart and gets the teeth close down to the ground, so that he nibbles the short grass and can live on pasture where a cow or a horse would starve to death. That is the Lord's provision so that each animal according to its kind can, out of the same pasture, may have ample opportunities to live and it is one of the provisions of the Creator toward that specific purpose that every animal shall have its own kind of nutriment and be able to take care of it.

Now, we come back to the teeth. When a horse takes in his feed he has a stomach which only holds three and a half gallons, whereas a cow can hold forty-five to sixty gallons, so that it is an absolute necessity for the horse to grind its food perfectly in its mouth before it goes into the stomach. It takes a horse therefore from ten to fifteen minutes to masticate a pound of grain, oats; fifteen to twenty minutes to masticate a pound of hay.

Now, what is the lesson for us? Simply give a working horse time to eat his food. In the summer time when we are working our horses hard, running the mower or the harvester, we take our horse in for the noon meal, give him his oats, and then we hustle him out in a half an hour and he hasn't had time to masticate his food, he has just bolted his belly full of undigested food, and he is liable to get sunstroke. It is a disease that takes one man or animal out of fifty. And why? Because the victim is in the exact condition that lays him open to the effects of sun stroke; that is the trouble with so many of our horses, they cannot take care of their digestion, because they have bolted their food, and that horse is in just the right condition to suffer from sun stroke. So you must give him time to eat his meals.

Pres. McKerrow: How will you make a horse take time to masticate his food?

Dr. Alexander: Why didn't he masticate his food? Perfect mastication is natural to every horse and he will carry it on until he has learned the habit of bolting his food, because he has found

out that he must take it quickly. Of course some horses are great hogs, they will bolt their food and they get the heaves. For such, make a feed box with a wide bottom, so that the oats are well spread out and the horse cannot get a full mouthful at a time. He has to eat it slowly. Or put in some cobble stones with the oats, or even better mix some hard Canadian peas or shelled corn with the oats. He likes peas and he will take time to chew them and so masticate the oats.

Pres. McKerrow: In other words, you must teach him the same as you would a child.

Dr. Alexander: Exactly, he has got to have table manners and a child never has table manners unless he learns them from his parents, and a horse doesn't know any better unless he is taught. But if you don't abuse him in the first place, you don't have to teach him. If he has learned this bad habit, spread out his food and do not let him become so hungry that he becomes hoggish.

Mr. Convey: Would you advise grinding his food?

Dr. Alexander: No, the Lord provided him with that dental battery to do his own grinding and a horse should be in proper condition to chew his food, and it is necessary for a horse to take five or ten minutes to chew a pound of grain in order that he may get enough saliva generated in his mouth to digest that food. A cow masticates her food over and over again until she gets out all of the nutrients, but a horse has to do all of his masticating right in his mouth, and while he is masticating, the salivary glands pour the saliva into his mouth and that goes upon his food and acts upon it, digesting it. A horse suffering from dyspepsia or chronic indigestion cannot do good work.

Mr. Terwilliger: Five, ten or fifteen minutes for a pound of grain would make eighty minutes for a feed.

Dr. Alexander: To properly masticate his food a horse should take fifteen to twenty minutes to a pound of hay.

Mr. Terwilliger: That makes a noon hour of about two hours for feeding time. Now, can a farmer in the busy time in harvest, for instance, take two hours out of the middle of the day for his horse to eat?

Dr. Alexander: Yes, he can; they do it in Europe. They do it in Scotland. Give him two hours at noon, and if it will make

him live two or three years longer, it is better than if you killed him by abuse.

Mr. Terwilliger: We are in much more of a hurry in America than they are in Scotland.

Dr. Alexander: The average farmer fills the rack full of hay and his horse wastes part of his time eating that hay and it doesn't do him any good. The nutriment from his oats is what helps him do the hard work. The horse in eating hay does not digest it in his stomach, he passes it along seventy-two feet of small intestine, digestion is taking place all the way along and the roughage is finally taken care of in his colon. Hay taken into a horse's stomach at noon in hot weather is a positive burden, a detriment to the animal. He has simply got to carry it around all day until he gets leisure to eat it, to digest it.

Ex-Gov. Hoard: How would you provide for the horse to eat this grain as slowly as according to your theory he ought?

Dr. Alexander: It is not a theory, excuse me.

Pres. McKerrow: I think the Governor came in after you told about the methods of feeding him.

Dr. Alexander: The first thing is not to abuse the horse by forcing him to bolt his food. After he has learned to do it, if you will spread out his food in a wide bottomed feed box so it is thin in the box and he cannot get a mouthful, that tends to prevent the bolting. Or mix some other hard grain with the oats; but the best way of all is to allow the horse sufficient time at noon when he is young. Of course some horses are born with a gluttonous appetite and they are more difficult to control, but I am convinced that our work horses should have more time at noon and thus avoid the danger of indigestion and sun stroke, and live longer.

Pres. McKerrow: Suppose you cannot give them the time, wouldn't it be better to feed them half ration?

Dr. Alexander: Yes, I would feed them a half ration and give them a more nutritious ration and no hay, and under those circumstances I would be inclined to grind the oats.

Mr. Wolfert: I have found it a very good way to make in connection with my feed box such a bottom as that I could regulate the feeding on the principle of a self feeder.

A Member: Will sugar injure a horses' teeth?

Dr. Alexander: Well, it is so infrequently used that that is hard to tell. Very few people feed a horse sugar unless a lady comes out and gives him a lump.

Ex-Gov. Hoard: Would you recommend the feeding of molasses to stallions?

Dr. Alexander: You better ask Jim Martin. I believe strongly in feeding molasses to a work horse that is suffering from chronic indigestion. You take a horse that is covered with shoe boils or sores or something showing that his blood is out of condition, nothing will plump that horse up more quickly than New Orleans molasses and the way to feed it is a quart of molasses, mixed with an equal quantity of water, stirred together with cut hay, corn meal and bran, two feeds a day. The sugar refinery horses in New York City are living on that ration with whole oats at noon and long hay at night. Too much sugar, of course, would not be good.

Mr. Martiny. Do you think it is a good idea to dampen the grain feed of a horse over night?

Dr. Alexander: No, that is not the natural way. A horse must be given time enough to thoroughly insalivate his food.

Mr. Convey: I wish you would fix a ration for a thousand or a twelve hundred pound horse, say hay and oats.

Dr. Alexander: There is no horse that needs more than from fourteen to sixteen pounds of hay in the working time; in the winter when he is idle, twenty pounds is the limit for a thousand pound horse. We take a great big armful of hay and throw it in front of the horse and he will probably waste a lot of that. Most horses are given one third to a half too much hay. For a heavy draft horse I would not feed over twenty pounds in a day. Now, as to the oats, for an ordinary horse, weighing a thousand pounds, twelve quarts a day is a big feed. If you use bran, say, put in a quarter bran and in the winter time put in a portion of corn; not all corn, not all bran. Bran is indigestible if you feed too much of it.

A Member: Would not the continual feeding of molasses to a horse affect his kidneys?

Dr. Alexander: You would think that the molasses would give a horse colic or scours. It does not, and I think the fact that it is used right along for heavy work horses proves that it can-

not be very detrimental to a horse's kidneys. I believe that their molasses down there (New York) is much superior to the molasses we are liable to get, which is likely to contain impurities which might have a bad effect on the kidneys. The thing that is most injurious to the kidneys of our horses today and that we have most to contend with is moldy hay. We get more diabetes and other urinary troubles from mould in hay than from any other cause that I know of.

In conclusion I want to give credit to Dr. C. M. Crane V. S. of Waukesha for this fine skull loaned to me by him. It is one of the finest specimens of a set of irregular teeth I ever saw.

Mr. Martiny: I would like to hear from Governor Hoard a little bit further on this molasses question, on the breeding quality of the sire and the dam.

Pres. McKerrow: This is outside of the regular program, but Governor Hoard has always been a privileged character, and this is an important question. We would like to hear from the Governor on this subject.

Ex-Gov. Hoard: Mr. Chairman, a number of years ago Mr. Klein, who was a breeder of draft horses in my town, came to me with a complaint. He said the colts were coming weak and he wanted to know what was the matter. About the same time I got a letter from Mark Dunham, asking me if my studies of feeding and dietetic principles could give him any light on the same trouble, his colts coming weak, evidently imperfectly conceived, impotently born. It became evident to me that something was wrong, somewhere along down the chain of causes and results and I went over to Mr. Klein's barn and talked with him about it. I said, "George, what are you feeding your stallions?" He says, "Molasses and barley." "Why, do you feed molasses and barley?" and he answered for the same reason that the doctor spoke of a moment ago, he said, "I never found anything that would plump them better, make their coats shiny, make them look fine," and, says he, "It is the finest feed in the world," "But George, your molasses is almost pure carbon, and the function that you are calling upon this animal to carry out calls for almost pure nitrogen, and how can he get the nitrogen effect that it is necessary to have from pure carbon?"

I remember that my old uncle, head breeding steward to the

Duke of Sussex in England, said to me that he could take a short horn bull, that was ugly and feed him molasses and make him the tamest animal on earth, and at the same time he would make him absolutely impotent, too. And so, harking back to what that wise old Englishmen knew—and he knew more about the science of feeding than some whole colleges and he could tell it hardly at all, but he could do it—so, dating back to what he said, I commenced coming up along this line and I said to Mr. Dunham, “I believe that you are destroying the force and efficiency of your breeding animals by feeding this carbonaceous food to the extent you do. Cut it out, throw away your carbon and see if you can’t help things.” And he did so. And Mr. Klein did the same thing and there was a different result with the next crop of colts.

One thing more in substantiation of that. I feed my brood sows from the time they are shut up in the fall until they farrow on nothing but alfalfa hay and their drink. I had been troubled for years with my brood sows bringing me a lot of pigs and many of them dying, dying right along. I struck out boldly with nine brood sows and fed them on nothing but alfalfa hay to the disgust and shock of my foreman, and all the farmers about me. They said the animals would starve to death, but, on the contrary, they were in as fine breeding condition as any hogs I ever had in the world, and they brought me—the nine, seventy-eight pigs, and a more vigorous set of little fellows I never saw in my life, and why? Because the mother had the proper element to make those little bodies with and it was eleven per cent digestible protein—that alfalfa, and the result was that those pigs came strong. I reared seventy-five and sold them, out of the seventy-eight. Three were laid upon and killed, but not one in the seventy-eight pigs but was a model of vigor. From that day to this, every one of my breeding sows, from the time they start in with gestation, are kept on alfalfa, and I have had a remarkable lot of pigs all the time. Now, this is the point I make, that when we consider that this is a proposition of the construction of the foetus and the making of these little bodies, we ought to know something about what effect feed has in supporting and building up those bodies, what we ought to give the brood mare and the cow and the sow and all animals, and the male we ought to feed

the class of food that will create vigor and power and impressibility, and if we do that we will help ourselves very much.

Dr. Alexander: I would like to say, gentlemen, you understand what I said relative to the molasses was not the feeding of it to breeding animals. We were speaking of the eking out of the hard working horse that was not given sufficient time to eat his oats and derive benefit from them. It is because these horses are working so hard in the city of New York and have so little time to give to the proper chewing of their oats at noon, that they are given some molasses from which they quickly assimilate some carbon, but they have enough nitrogen from their oats and their bran and hay to keep up their vigor.

Pres. McKerrow: This excess of carbon is needed by the work horse and is used by him and cannot be used by the breeding animal. We would like very much to give more time to this discussion, but if we allow it to go on with Governor Hoard and Joe Wing in the room we would have an alfalfa discussion all day. We are going to reserve that for this afternoon.

Mr. E. E. Jones, of Rockland, has the next paper, but he does not seem to be here, so we will go onto the next topic, "The Marketing of Live Stock," by a gentleman who appreciates good stock in general and whose firm has been known by reputation all over this country for many years. The old firm of J. H. Potts & Sons acquired not only a national but a world wide reputation, as breeders and exhibitors of one of the best, if not the best, shorthorn herd in the world a number of years ago. The gentleman who will now address us is Mr. W. T. Potts, of Chicago.

MARKETING LIVE STOCK.

W. T. Potts, Chicago, Ills.

The subject assigned me I take for granted has reference only to stock for the Stock Yards and not to pure bred.

You have a good many shippers in Wisconsin that could give me pointers, so anything I say will not be for them; for,

as a rule, they are men who are very much inclined to have their own way even so far as to sometimes insist they know more about what their stock should bring than either the buyer or the salesmen, and they always know positively that it is not worth as much as the farmer thinks it should be.

One of the first things I have to say to the feeder is, do not be afraid to subscribe for a number of the best Live Stock, Agricultural and Market papers, and keep yourself posted on the best manner of feeding and condition of the market.

Make it a point to handle and feed the best grades of stock of the different kinds that you can get. This does not necessarily mean pure breeds, but if possible get those that are by pure bred sires. If you are breeding them yourself, use nothing but pure bred sires of whichever breed you like the best, whether cattle, hogs or sheep, and still you will get enough that are not up to standard. It is not necessary for me to say which I think is the best, as there are good ones in all breeds. The thing to do is to get rid of the scrub and feed some thing that will pay for its feed. If you are raising stock for the shambles, feed them well from the time they come into this world until they go out of it; never let them see a hungry day. I do not mean by this that you must necessarily force them to the full limit by feeding them four or five times a day as if you were fitting the for the show ring; but never let them only be hungry enough to have a keen appetite for their rations. Market them young, for then you get the greatest gain for the amount of feed. It used to be the rule to not feed hogs for market until they were one or two years old, and the steer must be at least three years old before he went to the feed lot. Now things have changed and very few hogs reach one year old, and hardly any cattle reach their third birthday, but more still do than should.

If you are feeding the stock raised on your own farm or are buying them for feeding, make your lots as uniform in size and quality as possible. They sell much better that way, whether you sell them to the shipper at home or take them to the market yourself. If you do not do this yourself at home, your salesman should do it, and probably will when they reach the market. Many of the buyers get a bad impression of a lot before they get inside of the gate by seeing they are up and down, large and

small, good and bad, and must be sorted in the cooler. He invariably get his eyes on the inferior ones and apparently does not see the good ones among them, but constantly reminds you of the common ones.

One of the necessary things for the feeder to do is to make up his mind, if he is going to feed for market, how long he wants to feed and then know that he has enough feed to carry his stock to that point or a little farther, and if he has too much stock for the amount of feed he has, he should dispose of some of the stock at once, or make arrangements for more feed so that he is not compelled at some certain time to either sell the stock when the markets are off or to let them shrink and go backward; when they have gone backward and begun to shrink it takes too long and too much feed to get them started on the up grade again. It does not pay to make the streaks of fat and streaks of lean in their carcasses in this manner.

It sometimes happens that the market gets into such a condition that it does not pay to finish your cattle as well as they should be. Cattle get scarce and the market gets high, and when they will make you a good profit, sell them then; because there may be lots of them feeding for the time you had set to feed, too, and by that time there are plenty of cattle and the market has gone to pieces again, and instead of having a nice little sum on the right side of the ledger, you find a deficit.

Keep an accurate account of all the feed you use and know just what you are doing.

This is perhaps a little on the side, but there is no feeder, I don't care if he is a very small one, but should have stock scales on his farm and weigh his cattle and hogs at stated periods and know just what they are doing, and then when Mr. Buyer comes along, you are about as well posted as he is.

No, I am not working for any scale manufacturers. If you are not handling your stuff with the idea of fattening them, still keep them in a strong, thrifty condition, and some one else will give more money for them to feed, because they know that in that condition it will take less feed to get them ready to turn again; besides there is more satisfaction in looking at an animal of that kind than at one that stands all humped up and looks at you and says, "I wish you would give me more to eat."

It is almost an impossibility to tell a man when to market his stock. I want to market it when it is high of course, and that depends altogether on the supply and demand. When the supply is plentiful and the demand small, of course the market is bound to be low, and vice versa.

The supply of cattle at present is pretty large, and if the demand was not extra good, we would have much lower markets than we now have, and some of the feeders that laid in their cattle at pretty high prices, think it is low enough now.

The supply of hogs, while plenty in numbers, for a good while has been below the average in weight, and the demand for fresh meat is beyond what it usually is, hence they are bringing good prices.

As I have said before, keep yourself posted on the markets. When you get your stock nearly ready for the market, if you intend shipping it yourself, select some commission house in which you have confidence; write them, tell them what you have, ask them to keep you posted, and they will be glad to do so. There are plenty of them that are sending out their circulars all of the time. Select one in which you have confidence, It does not necessarily imply that they be the largest or need they be the smallest. Sometimes the largest ones have more than they can well attend to, especially on a heavy run, and cannot give your stock the attention in feeding and watering that they should have, and sometimes the small firms have enough to do to keep them posted on the market, so you may pay your money and take your choice. When you get ready for market, handle your stock carefully, so as not to worry or excite it more than necessary. Do not, because they are not going to have any more feed, give them some extra to start with, nor, on the other hand, shut them off feed and water so as to have them take a big fill when they get there to weigh to the buyer. When they have the extra big fill, the buyer either says, "They don't suit me," and goes along, or else takes off of the price to make allowance for it. The extra fill, especially in hot weather, is dangerous, as cattle may die from it.

DISCUSSION.

Mr. Wing: What is the outlook for baby beef? Does the trade use more of that from year to year?

Mr. Potts: Yes, it has only been a few years since they have wanted these light cattle at all. Formerly, they wanted all heavy ones and now there is a larger demand for the light weight meat. Very few cattle reach three years of age. It is the same way with hogs; as hogs used to be, they never thought of feeding them until they were eighteen months old, and now there are very few that reach twelve months.

Mr. Wing: What about this strictly baby beef under two years old, how much ought it to weigh?

Mr. Potts: That depends; under two years old they would weigh anywhere from nine and a half in yearlings on up to eleven and a half and twelve hundred.

Mr. Wing: Will they bring the top profit at that weight?

Mr. Potts: Yes. These little 850 or 900 pound steers will bring five and a half and there will be one or two in a whole day's sale that will average six, six and a quarter. There have been a good many heifers mixed along with the steers at those prices. They have got to be as fat really as the heavy cattle to bring those top prices. The buyers don't care anything about the price, it doesn't cut any figure with them, it is just simply the goods.

Never overload your cars. Some people are under the impression that if they can get twenty-five or twenty-six or twenty-seven thousand pounds in a car, they are beating the railroad, but they do not beat the railroad one bit. They have their maximum and minimum weights for a car. If you have got over the maximum carload weight, after the cattle are all weighed, if you have twenty-six or twenty-seven thousand pounds of cattle in your cars, you have got to pay for them, and your cattle, instead of coming in in good condition, come in all bruised and once in a while you get one down trampled to pieces, and you lose it as a cripple. Never overload your cars, you don't save anything; better take two cars and pay the freight on them than get them in one and crowd them.

A Member: What is the best thing to bed with?

Mr. Potts: Sand is the best thing if you can get it. Cattle get a firmer hold on the floor of the car, it doesn't get slippery. Straw or sawdust, I would about as lief have straw as sawdust; the saw dust gets kind of damp so it slips.

Ex-Gov. Hoard: How are shavings?

Mr. Potts: They are not much account; they are too easily kicked out, they don't give any foothold.

A Member: Would you feed whole oats before shipping to keep the cattle from scouring?

Mr. Potts: Yes, many do that, and it is a very nice thing, providing you get your cattle sold and weighed before that filling goes out. A great many feeders give them a little salt and aim to get a little weight for water.

A Member: Some claim that whole oats prevent scouring and do it for that purpose rather than to fill them up.

Mr. Potts: I will tell you about that, if you give them a big feed of the whole oats and you can get them weighed early enough in the morning, it will prevent scouring, but the shrinkage will come sooner or later, and if you happen to be late getting to market and they take a great big fill you will lose, that is the size of it.

Pres. McKerrow: Every time you try to beat the buyer, you get beaten yourself.

Mr. Potts: Every time you try to beat the buyer you get beaten yourself, because he can see them just as well as any one else; and he will pass them by and say, "I will look for something else, and you lose that fill sure before he gets around again.

Pres. McKerrow: It works back to the old adage that honesty is the best policy.

Mr. Potts: Yes, and especially in summer. If you try to to get a big fill on a hot day, you are going to lose some of your cattle as sure as can be.

Mr. Wing: We hear a good deal about an agreement between the buyers to pay so much that day, otherwise that the packers fix the price before they have breakfast. Is there anything in that thing?

Mr. Potts: That is a pretty hard thing to answer. There may be, but we don't have any way that we can find that out.

Pres. McKerrow: They don't let you into that secret?

Mr. Potts: No, they don't tell us about it.

Mr. Wing: It doesn't seem to be true with lambs anyway.

Mr. Potts: No, it isn't. We know it is not. If the market is high, they ride and ride and ride, and they come to you in the morning if there is a light run of hogs coming up, and ask, "What have you got coming?" "Well, so-and-so." "Now, I am the buyer for you. Just kind of hold for me, will you," and they are awful nice to you. But just let it turn round and we get a few big runs and they get the packing house pretty well filled up and you meet them coming down, and they say, "No, they are not good enough, I want something better," and they turn the cold shoulder to us, just like we give it to them when it turns on the other side.

A Member: Isn't there always a demand for the best stock?

Mr. Potts: There is always a demand for the best stock. There is no trouble about the best; it is the medium and low grade stuff that we always have the trouble with.

Ex-Gov. Hoard: Can a man make the best out of a naturally poor animal?

Mr. Potts: No, he can't; it doesn't make any difference how much you feed him, if you make him just as fat as a good animal can be, it costs you more to make him fat, and then he will never bring a price, no matter how fat he is.

Ex-Gov. Hoard: You want to emphasize more than you do the necessity if you wish a good animal that you give him a good father.

Mr. Potts: I did that and mean to do that.

Ex-Gov. Hoard: I know you did, but I would like to hear you say it about a hundred times more.

Mr. Potts: I would certainly do it if it would make them do the right thing. If you would take a look at our grade of stuff that comes to the yards. If you had sent me an order just now to buy you a number one lot of feeding cattle, I couldn't fill your order at any price.

Pres. McKerrow: Governor, you would have the mother good too, if you could.

Ex-Gov. Hoard: Oh, sure, but so many men that make cattle for market, both dairy and beef, have an idea that a grade sire is just as good as a pure bred sire.

Mr. Potts: Well, that is not so. If you could see the stuff

that comes into our markets now, it is far below what it was fifteen or twenty or twenty-five years ago; twenty or twenty-five years ago the majority of feeding cattle in the district where I was, out in Missouri, were great big broad-backed, two or three year old steers, good feeders that paid right along. A few years ago when times were very hard, the majority of these good cows that we had through that country got fat and the farmer wanted to cash up and he sold the best and kept the inferior ones. Then the dairy interests sprang up and farmers went to using dairy bulls and when they got tired of them because they were not making the beef they wanted, they used some Hereford bulls; then the Angus and the Galloways, and the result is they have them all sort of intermingled and we get a carload of cattle that is not Shorthorn or Angus or Galloways or anything else, they are a little mixture of the whole thing.

Pres. McKerrow: Hash, and not good hash at that.

Mr. Potts: That is right.

Ex-Gov. Hoard: The two extremes of prices on the market as I understand are governed largely by the good-breeding problem. the baby beef, the broad-backed hogs, the well finished animals are all governed by breeding.

I have looked over the cattle of the country, in dairy cattle, in the same way as in beef cattle, and I find "de grande combination." Take it in dairy cattle a man breeds in Jerseys to get more butter fat, then in Holstein to get more quantity, then in Guernseys to get more color, and finally in Shorthorns to get more meat, and he has "de grande combination," and it isn't worth a continental. And why not? Because you have merged into one animal a whole lot of warring prepotencies,—tendencies; take the Shorthorn with its strong meat-producing tendencies; they are at war with the Jersey, with its strong butter-producing tendencies. Then take the Holstein with its strong tendency toward large production of low per cent milk, principles fastened there by a thousand years of breeding—there is another warring tendency, and what can the poor thing do among all those warring tendencies, no agreement, no pushing along in one harmonious, continuous line to help out. They stand there and stand there at war, but you can't get the average farmer to see these principles Which are at stake. If he is making beef cattle it is the same way,

he will breed in one direction and then in another direction, and what is the result? Just as Mr. Potts says, there has been in the cattle all over our country, a breeding down for the last fifteen years rather than a breeding up, except in certain localities.

I could tell you something of one locality, and what effect has been produced there in the production of cattle, when you have time.

Mr. Wing: I have studied the market pretty hard for fifteen years and I would like to tell you a little bit of what we have learned. We have learned in the first place not to go with the crowd.

I have learned that it is a mighty good thing to follow some rule about the market. If you learn when people are going to unload their corn, don't flood the market with corn. We have learned to let that corn wait in the crib and feed it next summer with alfalfa pasture, and we get on an average about a cent a pound more. In lamb breeding, we used to market them before the other fellows. That is pretty hard to do now, so we market them a little later than the other fellow. Furthermore, we have learned to try to produce the sort of lamb that is wanted. We feed them carefully and regularly, and so intelligently that when our lambs are ripe for the market, out of fourteen hundred and fifty lambs we expect to have fourteen hundred and forty-eight good ones. Last year there were just two thrown out in the Buffalo market. Furthermore I want to emphasize the continuation in well doing. If I were sending to Chicago to Mr. Potts I would send every year to Mr. Potts and I would send every year the same kind of lambs to Mr. Potts, though I would make them a little better if I could, so after a while I would say, "Mr. Potts, I am going to send lambs," and Mr. Potts would say, "Wing's lambs are coming, we will look out for them." I do not say this boastfully, but as a matter of truth,—that it is looked on as an event in the year when Wing's lambs are coming to Buffalo, and we never fail to get from five cents to twenty-five cents or a dollar above the market, more than we deserve, and we get that much more because they know it is a standard thing; they have bought year after year, when the market looked pretty rocky to us, we wrote down to and this year when the market looked pretty rocky to us, we wrote down to those fellows and wanted to know if they wanted

to buy our lambs and they said right away, "Yes, send them along," and they bought them and sent a thousand dollar check to bind the bargain. Now that has just come through a steady series of fifteen years sending lambs and sending them always the best we could for the market.

Mr. Convey: Is there any special market in Chicago for the bacon hog?

Mr. Potts: No, sir, I don't think so. In supplementing what Mr. Wing just said, I want to say that we have amongst our customers certain men that feed a certain way and make their stuff just so and they almost invariably get a premium over the other fellows. When Mr. Winans, who buys for the United Beef Trust comes around and finds certain animals, he doesn't stop to look at those as long as at some others. He says, "I have been buying that man's cattle for three years, I know just what they are." You can establish yourself just in that way, in lambs and in hogs and calves. Buyers get so that when a certain man's stuff comes in they do not look at it nearly so critically as some other man's. That is the case with Mr. Kerrick's cattle; it is the case with Mr. Cranbeck's, who has taken the premium for two years on carload lots. They can tell exactly what they are and are glad to get them without taking any extra pains to look at them.

Mr. Convey: What is the best sized hog for marketing in Chicago?

Mr. Potts: That depends on the season. Hogs around two and a quarter to two hundred and forty pounds, along there.

Mr. Lovejoy: Isn't it at present better for heavier hogs?

Mr. Potts: Yes, and it is because the average hog this season has been heavier. Mr. Packer was going to get four and a half cent hogs. The result is, they got a run of these big heavy hogs. They are not putting this meat away, it is going into consumption right now, fresh meat.

PUBLIC SALES AS A MEANS OF DISPOSING OF PURE
BRED LIVE STOCK.

E. E. JONES, Rockland.

Public sales of pure bred live stock are becoming more popular in the United States each year, which fact goes to show that they are a satisfactory way of selling pure bred live stock.

Cattle and swine sales lead in numbers, but sheep and horse sales are increasing in numbers from year to year. Some of the leading breeders of the various breeds of pure bred live stock have adopted the public sale system as the means of disposing of the year's surplus stock, and these sales held on the farm of the breeder have proven to be the most satisfactory. Farmers and breeders like to visit the farm of the vender and see how the cattle are cared for, and to see the breeding herd retained on the farm. The arrangements for a public sale should be commenced several months previous to the holding of the sale. The animals to be consigned should be selected at an early date and the breeder should see to it, that they are the kind that will creditably represent his herd. No old worn out stock should ever be consigned to a public sale, as they are almost without exception a detriment to the sale. The stock selected should be young and presented in good condition on sale day. Flesh has a great deal to do with the success of the sale. If cattle or horses they should be well trained to lead and stand in good position when presented in the sale ring. If the sale is to be held in a tent the stock should be lead in and out a couple of days previous to the sale so as to accustom them to the surroundings. Combination sales have not proven to be as satisfactory as sales held on the farm of the breeder, as there are several difficulties to overcome which do not enter into a sale held on the farm of the breeder. There are several consignors in all combination sales and they are located many miles apart, so that all the stock consigned has to be shipped to the place where the sale is to be held. The cost of shipping alone will be nearly as much as the cost of selling per head would be on the breeder's farm. Then there is the expense of the con-

signor, his railroad fare and hotel bill while he is away from home. Then he has a sale fee of from ten to twenty-five dollars per head to pay. Cattle combination sales are by far the most numerous and as I have been connected with some, I want to say that the cattle consigned to almost all combination sales are not uniform in type and not presented in uniform condition. Some are well conditioned, others are in very thin condition. As all consignors pay the same sale fee they demand the same treatment at the hands of the auctioneer and the manager of the sale. When the party in charge of the sale makes up his list of the animals consigned and the order in which they are to be sold, he must see to it that each consignor is treated alike;—by this I mean that these animals be so arranged on the selling list as to be sold alternately. Some of the consignors have their animals in good condition, but they can not be sold in one-two-three order. When the sale gets nicely started and the bidding becomes spirited, an animal is presented in poor condition, the bidding becomes slow and always proves a detriment to the sale. If the cattle all belonged to the same party the auctioneer could manage the list to suit himself, and no one knows better than the auctioneer which ones will sell the best, if he is an expert.

The field men of the various agricultural papers are also put at a disadvantage in the combination sale, as the cost of visiting each consignor would be too great, so they have to rely on what the owner writes them in regard to the cattle to be offered.

If there are breeders of the same breed of live stock located so that they can arrange to have a combination sale held on one of the farms, without the need of shipping, I think that such a combination sale would prove to be a very successful one, provided they make the necessary arrangements and present their stock in good condition.

The sale should be well advertised in the vicinity of the sale and in the best agricultural papers which have a paid up circulation in his state and adjoining states. There are several agricultural papers that claim a circulation of from 50,000 to 100,000 that have as a rule, about one-third or half what they claim of paid up circulation. When once they get a subscriber's name on their books they are determined to keep it there by sending them the paper, and if the once-has-been subscriber refuses to pay for the paper

they usually try and bluff him into it. These are the papers that all who are intending to hold public sales should guard against. They will always upon hearing that you are about to have a sale flood you with letters telling you about their so-called large circulation and what great results you will surely reap if you give them a trial. Patronize the papers that are sent only to paid up subscribers, as the men that have money to pay for the reliable papers are the kind you want at your sale.

Some of the leading farm papers have their traveling representatives who are engaged at good salaries and make it a business to visit all the leading breeders of the country when so requested, and these men are in position to do the vender at the public sale valuable service. They will visit the farm and write up the consignment and at the same time give you valuable suggestions, which you can surely rely on.

The auctioneer should be engaged before you claim the date, as all the prominent pure bred live stock auctioneers are always booked for sales many months in advance. The auctioneer should be a man that is a thorough judge of individual merit of the class of animals to be offered, and also well versed in the breeding of that particular breed. A breeder of pure bred live stock makes a sad mistake if he engages his local auctioneer who might be a good salesman in ordinary sales but would prove a failure as an auctioneer of pure bred stock. The expert live stock auctioneer travels in all parts of the country and comes in contact with all the leading breeders, and will interest them in regard to your sale.

Whether there should be more than one auctioneer is a question which the holder of the sale must decide. I will say, however, that some of the most successful sales have been conducted by two or more professional auctioneers.

I want to say in concluding, that public sales have been the means of starting many a farmer in the purebred live stock business that probably would not have made the move but for them.

Pres. McKerrow: The paper is very complete, I do not know whether there are any questions to be asked. If not, we will pass on to the next topic, which is, "Shall Wisconsin Farmers Raise Horses?" Years ago when percheon horses were first being introduced in the state of Wisconsin, some of you will remember the name of Morley. Mr. Morley of Sauk county was among the first

Percheron breeders in this country. To-day we have with us his son, who is continuing the business, and I take pleasure in introducing to you Mr. Frank Morley, who will speak on this subject.

SHALL WISCONSIN FARMERS RAISE HORSES?

FRANK MORLEY.

I have been asked to fill up a vacancy. If you asked me to go down to the Agricultural Station barn and look after a number of draft stallions, I would be much more in my element.

Wisconsin is a state of varied resources and conditions are well suited to diversified farming. A man with a determination to succeed may engage in any branch of farming, fruit raising, dairying, the production of beef, pork, mutton, or breeding horses and Wisconsin can furnish the proper condition of soil and climate to insure success provided the man himself is capable and adapted to his chosen work.

It would appear that horse-breeding is not receiving the attention it should.

Our agricultural college has been showing us how to make the most profit from dairying, how alfalfa can cheapen the production of butter; and has educated us along the lines of pork and mutton production; how to grow small fruit and to successfully wage war on insect pest that damage our crops but not until recently has much attention been given to horse-breeding.

A farmer could engage in the business and the state seemed willing to let him work his own financial destruction or success according to his own ideas.

At present it looks as though the farmer-breeder could get needed help and cooperation in this direction.

Taking all things into consideration if a farmer or at least the large majority of farmers are to raise horses for profit or for pleasure the draft horse is the one for us to breed. The main pleasure in raising horses of any breed is a certain sense of having achieved success, and incidentally the final transaction of exchanging him

for hard cash is an act of pleasure mingled with regret. This last act of pleasure is experienced oftener with the draft horse than with any other.

We are close to the leading market of the world that use them. The world's commerce is moved at the commercial centers by the draft horse. The demands of the market are in excess of the supply and must continue to be so for some time to come.

Why are we not giving more attention to supplying this demand? We are not fully awake to our opportunities. Many farmers could if they would keep a pair of draft brood mares in our farm work. The draft horse of to-day must have weight but quality is still more essential. To bring a good price the must have fine endurance and wearing qualities, and if he presents a fine appearance, an active bold movement, and a general air of reserved energy, the price will be still better.

Can we in Wisconsin produce such horses? We can if we make good use of the means at hand. We have the soil and the climate to put energy into our horses.

Our grains and pastures supplimented by bran and oil cake, which we can readily obtain, combined with climatic effect, will produce horses of more energy and better quality than most of the corn belt states, or in fact any place. A climate much warmer than ours would probably be conducive to more size and less quality, and if much colder, less size would result. It would seem then that if we can only manage to get weight we would be able to produce as good draft horses as can be produced anywhere.

We can produce the weight, and help to supply this increasing demand for the best. And besides, why can we not raise the purebreds that are annually being imported in such numbers? The money would then be in our pockets and not in that of the foreign breeder. That alone would mean much to Wisconsin.

The fact that a horse was born in some foreign country does not add to his value, as well might we say that a man born in some foreign country is better than one raised in Wisconsin, we all know that such is not the case.

Our aim should be to produce something above the ordinary, something that is beyond general competition. There is more room up there.

To do this we must first get the right kind of breeders and

then take proper care of the progeny. In selecting the foundation or breeding stock it is advisable to begin several generations back and select those having proper ancestors. These ancestors will have much to do with the success or failure of the undertaking. In other words select for breeding animals only those having their good qualities firmly fixed by inheritance. This rule applies more forcibly to horses than to hogs or sheep, in that it takes as long to breed 5 generations of horses as it does 20 or 30 of sheep or swine.

Quality must be a determining factor in buying a brood mare. While we may improve quality by care in feeding and by selection in mating, it is slow work. Life is too short. Weight can be acquired much more readily.

Then select a typical brood-mare to start with and do not let a few dollars change your determination, and induce you to buy an inferior one. Mate her with a draft horse of the right sort and the produce will be the most valuable product of the farm.

The mares can do the regular farm work and raise colts at the same time. The effect of regular work will be beneficial both to the mare and the foal she is carrying.

In many parts of the state inferior stallions have been sold to stock companies by peddling salesmen, many of them would not even make good geldings, but never the less, they are sold for long prices. The result is harmful to the interests of the breed, and especially harmful to the true breeders who have good horses and are trying to improve the breed.

A far better plan would be for the farmers in a given locality to form a local horse breeder's association themselves and buy a suitable horse from a reputable party. They could buy a better horse and buy for about one-half or one-third what they usually pay for the pedigreed scrub of the salesmen.

Say ten, twenty or more farmers can buy a mare or two each and a stallion jointly; by so operating all would be benefited.

The benefits of co-operation are not fully realized. They could buy just as well and sell much better, if a town had a reputation for good horses. Buyers would go there and if one man did not have anything to suit, the next one might.

True, one man might get the benefit of another's advertising, but what of it? The next time it might be reversed. A breed-

er's reputation is a valuable asset or a part of his stock in trade. It is easier to keep than acquire, and easier to lose than either.

One local company could unite with another and hold an auction sale. Such sales honestly conducted could not fail to be a benefit. Breeders could there learn the demands of the trade and cater to it.

It is always up hill work to sell the public what it does not want. The Percheron is my ideal of the farmer's draft horse but, there is room for all. And in general principles it is well to breed the kind that is most numerous in your neighborhood. If nine out of ten are breeding Percherons it is difficult for the tenth to make a success with Clydes.

A few words about feeding and I will close I have said that we could produce the horse of quality, and that weight could be acquired: If we have the very best of breeding stock, the very best of feed and environment, for their highest development, we will still fail if we do not exercise our best efforts in feeding and caring for them.

Pure bred animals receiving scrub care quickly degenerate and are about as worthless as the genuine article.

DISCUSSION.

A Member: What is the best feed to grow a pure bred colt on?

Mr. Morley: Why, the same as any other colt. It needs protein food, and plenty of it, and it must have exercise, or the muscles will not develop, no matter what you feed him, and it must have fresh air. I feed bran and oats, I like to feed the oats with a little bran on top, then the colt will not eat so fast and will assimilate the feed better.

Mr. Lovejoy: Do you ever feed your colts once a week or so a nice warm chop?

Mr. Morley: I haven't, but I think it would be good.

Mr. Lovejoy: We are doing that with our young horses.

Mr. Brigham: Do you feed any grain to nursing mares on pasture.

Mr. Morley: I do. My mares most all work, but if I have an extra one running on pasture, I feed her grain once a day, and I do that on account of the colt. I think the mare's getting grain will make the colt stronger, it produces, I am sure, a different quality of milk.

Mr. Convey: Mr. Morley lays a great deal of stress on keeping the mare in good condition before the colt is foaled. With that in mind, isn't it bad policy where the mare raises a colt every year, to let the colt suck for too long a period?

Mr. Morley: Yes, it would be; if the colt is well fed and well nursed, it can be weaned at six months without any harm, and it would better for the next colt.

A Member: Why do you consider the Percheron the best horse for all purposes?

Mr. Morley: I mean for the farmer breeder to raise. I consider him a more active horse, better adapted to farm work.

A Member: Don't they get too heavy for a general farm horse?

Mr. Morley: Some certainly do, but they don't get too heavy for the city trade.

A Member: Would not a small Shire horse be better for the farm?

Mr. Morley: I don't think it would be any better than the small Percheron horse.

A Member: I think you left the greatest question out, and that is that this country is not adapted for the Clydesdale and the Shire as well as the Percheron on account of its hairy legs. Take it when it is slippy and then freezes up, the hairy legs of the Clyde or the Shire to my mind, for general farming would be a disadvantage.

Mr. Morley: That would be an objection certainly.

Pres. McKerrow: Especially when labor was high.

Mr. Morley: Yes, you would have to clean them yourself.

Pres. McKerrow: There is one point that Mr. Morley made in his paper, and that was the breeding of a certain breed within a certain district, that it might draw trade to that district. I think Governor Hoard can give us some points on that in regard to dairy cattle and that will illustrate what Mr. Morley says.

Ex-Gov. Hoard: For several years I have been trying to im-

press upon the dairy people of the state the value of improving their cattle, breeding up all of them, and for that purpose constantly asserting that the fountain of supply must be in the sire, and therefore under no circumstances to use a sire of mixed blood for the results would be mixed progeny. Now, I want to give you a little object lesson as to the value in a locality of securing a reputation for a certain thing. Jefferson county, last year shipped out of it (that county being twenty-four miles square), as near as we can compute, between four and five hundred dollars worth of cows and heifers, several hundred carloads going—where? A large part of them went into Mexico. One man, John Widman, near Jefferson, sold twenty-five high grade Holstein cows and a few registered ones for \$2,600. They have scoured that section of the country over and over for every Guernsey grade that can be found and every Holstein that can be gotten hold of, and these have been shipped to Neraska, to Kansas, to Montana, to Idaho, to Mexico, to Illinois, and to the large Eastern milk-producing sections. Ask those buyers why they do not go elsewhere in the state and they will tell you that they do not find the quantity of cows elsewhere in the state, that to get the same quality they have got to travel over a large area of territory, but they can drop into Jefferson county and pick them up in the quantities they wish right close about. Twice I have gone down to Kentucky to study live stock and there you can find men that have been breeding horses for many years, they have a local pride in their local reputation. You see what it means to Jefferson county, which has more demand than she can supply, while very likely there are just as good cows that can be purchased in some other section of the state.

Last year I had something like thirty or forty men write me as to whether they could pick up carloads of cattle in Jefferson county. The two predominating breeds in Jefferson county are Holsteins and Guernseys. A few of the old Jerseys are left. No derogation concerning their dairy qualities, they have very good ones, but there seems to be a swing on the part of the dairy people toward Guernseys and therefore it makes it easier to sell them. The predominating breed is Guernseys, and out of the Lake Mills station has gone somewhere between one hundred and two hundred car loads. Now, don't you see that it makes

a mighty sight of difference with the revenue of a farmer in contributing his own reputation and that of his neighbor, if they begin to get a strong reputation for certain products, a farm stock in any one line. A buyer comes in for a long distance sometimes.

Pres. McKerrow: I am glad to hear the Governor say this. Many of us know this is true and yet it is very hard to impress upon the farmers of Wisconsin or any other place. I go into Canada two or three times a year for certain breeds of sheep. I know exactly the district I want to go to, because I can get more of the quality that I want in a shorter time—not for less money, understand, but when I count traveling expenses and my time, which is valuable sometimes, it is less money, although the farmers up there get higher prices, because a carload can be bunched of a certain class at a certain point. When I get to England next May or June, I know now just the district I am going to first for certain classes because I know the breeders are bunched together in that locality. I am glad to see over in Richland county many of the breeders are getting into draft horses, and they have selected for breeding the Percheron. I should be glad to see the breeders go into the same breed and follow it out. There is a benefit in that that most farmers do not think about. We are too independent in Wisconsin, we get too much “flip” in our stock breeding.

Recess till two o'clock, same day.

WEDNESDAY AFTERNOON SESSION—FEBRUARY 7.
SHARKS, FRAUD AND BOODLE.

C. D. ROSA, Beloit.

It doesn't seem that anything that could be said upon my subject, at this time, could possibly enlighten anybody; for a large portion of our newspapers during the last few months, has been devoted almost exclusively to exposing graft in some form or

another. And it is safe to say, after making due allowance for the exaggeration that is bound to creep in in the interests of promotions on the newspaper staff and increased dividends on newspaper stock, that no exposure ever made by our press has more thoroly aroused the public conscience, or revealed a condition that more urgently demands the attention of the American people. As we have read account after account and exposure after exposure that have revealed conditions of appalling rottenness in both public and private life, we have wondered what will happen next and where all this dishonest gobbling of the Almighty dollar will end. And the most alarming part of it all is, that no walk of life has escaped. Like the small pox, the disease doesn't seem to be any respecter of person and the multitude of places in which it has appeared would indicate that it is fully as contagious and extremely malignant in form. It is high time that we were using every means within our power to stamp it out.

Much that I will say in this paper may be stale news to many. It is repeated because some things ought to be repeated.

The manner in which the McCurdys and McCalls and their like have exploited two of our great insurance companies, through the medium of exorbitant salaries, retainers and Christmas presents, is well known to everybody. But I think few of us realize the magnitude of their crime when measured in dollars and cents. We can gain an adequate idea only through comparison with sums and salaries that are nearer our comprehension. Collier's Weekly for December made some comparisons between the salaries of some of the "big" insurance men and the little statesmen, that is very suggestive. I will use the comparisons but will extend them somewhat.

The salary paid by the directors of the New York Mutual Life Insurance Company to Richard McCurdy for his services as president of that great corporation was \$150,000 per annum. Taken alone, this salary would pay the salaries of the President of the United, the Vice President, all the Cabinet officers and the chief justice of the United States. There would still be left a sum sufficient to make the average farmer well to do. The combined salaries of Richard McCurdy and his son Robert

amounted to \$271,756.00 during the past year. A very substantial income for any family. Its magnitude appeals to us when we figure out that this sum is more than the one combined salaries of the governors of all the fifty-one states and territories; and the sum that would remain would pay the salaries of the Chief Justice of the United States, the Chief Justice of the State of Wisconsin, the Judge of the twelfth Judicial Circuit of Wisconsin, the County Judge and both of the Municipal Judges of Rock county and there would still be left enough to buy one of the best eighty-acre farms in Rock county.

Truly this comparison appalls us. But it is not McCurdy and his son alone, that have been thus robbing this great corporation. Loans of fabulous sums have been made by the director to certain favored individuals, and even in some cases to themselves with little or no security. Princely retainers have been given for services that were due the company without it. It is charged that Depew received \$20,000.00 per year as a retainer and all the services that were rendered were due the company by reason of his being a director thereof. Hundreds of thousands of dollars were distributed here and there as mere presents for personal influence, largely legislative. It is charged that a former insurance Commissioner of our state was given a check of \$5,000.00. What it was to pay for, nobody seems to know.

Affairs in the New York Life Insurance Company have been but little better. The salaries paid have been somewhat less but in other respects affairs have been about the same.

As a fitting sequel to the investigation by the New York legislature that brought this condition to light, comes the word that the report of that committee is being held up by the state printer of New York while he uses the information derived from the committee to make a fortune. It appears that the committee when it had closed its investigation, turned a copy of the entire proceedings over to the state printer and requested him to print 1000 copies. They did this upon their own responsibility as they much desired to have a copy in the hands of each member of the legislature when their report was made. Now the printer says that he will print the report only when ordered to do so by the legislature in the natural order of things. Meantime he is printing and selling copies of the report at fabulous sums and boldly

asserts that he expects to clear up one hundred thousand dollars by so doing. He has thus compelled the New York legislature to rush through a bill authorizing the committee to have 5,000 coprinted at once by another firm in order that the report may have due consideration at the proper time.

The condition of the great insurance companies is but typical of what is going on in all walks of life. The desire to get rich quick, to get something for nothing, to get money without giving anything adequate in return, seems to have taken entire possession of the American people. Everywhere you turn you meet with it in some form or another. The sums purloined vary with the ability of the thief—for thief he is, no matter what name you give to his crime—and the amount which is ready at hand to be appropriated. Some of the methods used are diabolical others amusing, but all are ingenious. Some ten days ago the editor of the *Colliers Weekly* was acquitted by a jury from the criminal charge of libeling a certain judge of one of the courts of Special Sessions in New York City. A certain sheet called *Town Topics* is published by one Col. Mann and circulates among the upper four hundred of New York City. It is a veritable scandal monger, parading before its readers the sins and crimes of those of their caste who have given way to weakness and folly. In connection with this paper is published a small book called *Fads and Fancies* which is devoted to like personalities touching the private life of members of the same class. The book sells for \$1,300 per copy. The gossip it contains borders on the obscene and indecent when it is outrageously scandalous. Truly the publishing of such a book and sheet is a disreputable business in itself. But it was openly charged in *Colliers Weekly*, that this judge, sworn to defend the constitutions of his state and nation and to execute the laws of the commonwealth to the best of his ability was in league with the publisher of that dirty literature and used the knowledge which he obtained through his official capacity to carry on a system of blackmailing by which he extracted thousands of dollars from those who could and would pay money rather than have their short commings paraded before the aristocracy through the medium of these publications.

But that judge is no worse than hundreds of others throughout our land. Every lawyer knows that there are "justice shops"

in our large cities in which almost any sort of judgment can be bought, regardless of the merits of the case. Justice Courts in some of our smaller cities are little better.

The rottenness in Milwaukee public and private life revealed by the Grand Jury investigation of last year, is recent history; and yet I dare say, Milwaukee is no worse than any other city of its size in the country. The avidity with which certain newspapers upheld the McCurdys during the insurance investigation would seem to indicate that there was something glittering behind the scenes; and recently it has been openly charged and admitted by one of the attorneys of the beef trust in Chicago that he made presents to reporters—with what effect we are all too well familiar. Now, comes word from Chicago that the grand jury has returned upward of twenty indictments against the clerks of one of her courts, most of them are for graft in some form or another.

Everywhere we go we hear of the same dishonesty. Every paper or magazine we pick up, is teeming with the same lore from end to end. If the swindlers were confined to the walks of life already mentioned the farmer might rest content. But they are not. It would take me a half a day to barely enumerate all the schemes for swindling farmers that I have heard of during my life—and I am not old. The lightning rod peddler is largely a pest of the past.

Too much publicity has made that business precarious. But the same trickster has another means of parting the unwary from his money. Inferior bacon, sold as home cured hams at 20 cents; inferior stove blacking sold at seven prices; lots numbered in the thirties sold to outsiders in blocks in the city of Beloit which only contain lots numbered up to twenty, are some of the schemes that have but recently come to my notice.

Not many months ago I went home to dinner. It was not ready when I arrived at the usual hour. Mrs. Rosa is usually as prompt as the clock—occasionally more so, for she never stops or goes on a strike. That day she looked amused. I asked why she was late with dinner and received an amused laugh for a reply. I was mystified. As soon as she could control her mirth she led me to the pantry. There, snugly reposing on a shelf, was a long row of earthenware dishes of various sizes and shapes,

such as is usually sold by the crockery man at the rate of three for ten cents.

"Do you suppose those are fire proof," she asked?

"Bless you my dear, I don't know." Why?

A little questioning brought out the information that she had paid an oily tongued gentlemen for them at the rate of twenty five cents each with a special discount of five cents for taking the collection. She had attempted to boil potatoes in one. Two minutes of fire had precipitated bottom, potatoes and water into the fire pot of the range and a late dinner was the result.

"Even with you at last" I exclaimed in high glee.

Since then Mrs. Rosa has said nothing about the time I paid a quarter for a half ounce of water glass, parading under the name of the latest discovery in liquid glue. Of course I have always strongly maintained that my purchase of the glue was an act of charity.

Shortly after the day of the late dinner a stove man, selling a range for \$68.00 fully as good, but no better, than the hardware stores sell for \$45.00, called at our house. You may imagine that he got a cold reception. He succeeded, however, in getting a neighbor to buy and pay the \$22.00 extra profit.

Perhaps the most potent methods of relieving men of all classes of their money is through the sale of mining and oil stock. It has been conservatively estimated that nearly three millions of dollars have gone out of the city of Beloit during the last ten years to be invested in this matter. It is safe to say that not one dollar out of ten thousand will ever pay dividends. There is money made in mining, but it is rarely if ever made so as to pay dividends on stock that is peddled about the country. The uninitiated had better look at his money twice before investing, and then spend it for some luxury for home or family. How many a pleasant trip, piano or some other article that would go to make home and wife and children happier and better has gone into some imaginary hole termed a mine or oil well. I count it one of the glories of my life that I have never been swindled out of a dollar in this manner. When I do have any money to invest in mines I will take a trip to the spot where they are located and investigate them as I would any other business proposition.

But why all this dishonesty and trickery? I believe the reason

is not hard to find. We have grown to be a nation of money makers. We are rapidly growing more so every day. Our material development during the last quarter century has been marvelous. Vast fortunes have been made and are still in the making. Many of them have been made by methods which, tho not contrary to law, because no law had yet been devised to meet the evil, were yet morally reprehensible. As a people we have envied and tried to initiate. So me have succeeded, many have failed, all who have tried have come more or less to look upon the man of means with a reverence that is a kin to worship. Ask men, who are trying to get rich, who the great men of our country are and ninety-nine out of one hundred will enumerate the financiers and millionaires. The other man—like myself—is willing to ascribe no inconsiderable amount of greatness to men of that type. The ninety-nine ascribe to them *all* greatness. Men have pursued this course of thinking until it has tintured all their thought and modified all thtir actions. To them the summer after which all should seek, is wealth. Is it any wonder that they should look with favor upon a body of laws that throw no obstacles. in the way of acquiring that end? It is but a step from that method of thinking to looking upon the state itself as a legitimate tool to aid in furthering their individual ends. What any man habitually thinks will ultimately govern his action. Special privileges are sought by such men, who are outside of office. Graft and boodle become the order of the day of those who hold the offices.

Not long ago this remark was made by a man to a friend of mine. "I wouldn't think of taking a cent from an individual but it is different with state funds. It isn't wrong to take from the state. If you don't do it somebody else will." That fellow is a dangerous man. Unless he receives a jolt that will break him off from that line of thinking, he is bound to be a grafter and boodler, if he ever gets the chance. It is when such men—secretly nursing such thoughts, but openly different men—get into positions of trust and power that trouble comes.

Not many days ago, I had a heated argument in one of our stores with a well dressed stranger. He took me to task for asserting that I believed that the vast body of the American people condemned, unqualifiedly, the actions of the manager of those

insurance companies that had been under investigation. He asserted that DePew and Hill and others implicated were the greatest men this country had ever produced and he, for one, would not believe they had done wrong. We agreed as to the facts: but what he considered right, I certainly consider wrong. I have faith enough in the great mass of the common people of America to believe that they will agree with me.

It is high time that we should be more careful to know in whom we place our trust, in public as well as in private life. It is also time that we open our eyes to what is right and wrong and do everything in our power to prevent the growing of the idea that a man who masses millions should be judged by any other standards of morality than the man who labors at the most menial labor. The farmer is all too prone as a class to trust any kind of a trickster rather than his neighbor. The chances are that his neighbor, taking into consideration all his faults, is far more of a man than any oily tongued individual whom he has never seen before the day upon which he appears and offers him one of the greatest chances on earth to live without doing anything.

The committee on resolutions offered its report, which was read as follows:

Your committee on resolutions submit the following:

Whereas, the trade in American agricultural products is being restricted by the retaliatory tariff schedules of certain foreign nations; therefore, be it

Resolved by the Wisconsin farmers in convention assembled, that we favor reciprocity treaties that will change these conditions so as to open foreign markets to our products.

Resolved further that we demand a revision of tariff schedules, consistent with the protective principle, yet with such reduction of rates that the tariff shall not afford a shelter for monopoly, trusts and combine.

We demand national legislation that will give the best possible market to American agricultural products, and that will offer opportunity to the farmers of the country to purchase goods such as they consume, in the markets that are not trust bound, com-

bination-made, or controlled by monopoly. It is a great disadvantage to the American farmer that whatever he sells is subject to the great law of competition, and whatever he buys is generally subject to the unjust law of combination and monopoly.

Resolved further that we demand national legislation for the supervision by the Inter-state Commerce Commission of transportation companies, and that said Commission be invested with power to establish rates that shall take effect when established.

The secretary of this convention is hereby directed to transmit to the two senators and each representative in congress copies of these resolutions, and all farmers are earnestly requested to write personal letters to their senators and representatives in congress urging them to do their utmost to secure the enactment of legislation along these lines.

Be it Resolved, by farmers and stock breeders attending this convention, that owing to the large and increasing interest in agricultural education in our state, that His Excellency, Governor Davidson be requested to recognize the same by the appointment upon the Board of Regents of the State University a sufficient representation directly identified with agricultural interests.

J. W. MARTIN,
THOS. CONVEY,
C. H. EVERETT,

Committee.

On motion, duly seconded, and after some discussion, the resolutions were adopted unanimously.

ALFALFA IN WISCONSIN.

HON. W. D. HOARD, Fort Atkinson, Wis.

Mr. President, Gentlemen of the Convention— I have no set address; I will have to talk to you colloquially and perhaps you can understand me better.

I want to say that in my estimation, no other question is before the Wisconsin farmer that is of deeper importance to his ma-

terial welfare than this question of alfalfa. In some respects your humble servant may be said to be a pioneer in this matter.

Thirty years ago a man in my township planted a little alfalfa. I had forgotten the incident, until the man who planted it moved to Iowa, and the man who occupied his farm came to me one day, thirty years after and said that a number of the roots of alfalfa were still living in the fence corners of the field. Well, I thought that was rather a remarkable incident; I had accepted the general concensus of opinion as expressed by farmers, that alfalfa would not grow in Wisconsin. I went up and looked at those roots. Of course, in thirty years they had grown to be very large. No attention had been paid to them and maybe there were twenty-five or thirty of them, but from what I saw there, I became convinced that if rightly understood, from a climatic standpoint in Wisconsin, a way could be provided whereby alfalfa could be successfully grown.

So I started in, about twelve years ago to experiment with it upon certain city lots in Ft. Atkinson, and I had all kinds of success, and I welcomed disaster just as much as I did success, for it taught me just as much.

But finally, to cut it short, I thought that I had worked out a plan whereby alfalfa could be successfully grown, and I then embarked on the farm with it. It has been on the farm about seven years—commencing cautiously at first—and the result is that last year I placed one hundred and eighty tons of alfalfa hay in my barns, grown on thirty-five acres,—when I say that I have not said half of it—every ton of which is worth in actual feeding value from three to four tons of timothy hay, the best timothy hay that you or I can grow, and in passing I want to say that if there is anything on earth that is overestimated in value (unless it be certain politicians) it is timothy hay, which is sold to the market in the cities and villages at a price that cannot be justified if you put it in comparison with either clover or alfalfa. Just a minute, look at these figures, timothy hay standing about three per cent protein (digestible); alfalfa, eleven. Now, what does that mean? Alfalfa producing five tons to the acre with me and timothy two. What does that mean?

Alfalfa and corn silage form an almost absolutely perfect

ration with but little grain needed; thirty-five pounds of corn silage and twelve pounds of alfalfa hay, three pounds of bran and two pounds of barley meal, just half the grain ration that I would feed without the alfalfa, and I would feed from ten to twelve pounds if I fed timothy hay. I want you to get these comparisons, because they are side lines to keep us in the road,

Now, just to show you the feeding value of alfalfa. I said to you this forenoon that I maintain my brood sows upon nothing but alfalfa hay. I did not tell you all there was in the proposition, that since I commenced feeding my cows alfalfa hay, there is a very noticeable increase in the vigor and character of their offspring. I did not tell you that it is the finest hay for horses that I ever saw, for work horses on the farm, when administered with that kind of judgment that every farmer ought to be willing to use. Twelve pounds of alfalfa hay a day and nine ears of corn constitute the ration with me for my farm teams of horses weighing three thousand pounds in the pink of condition and action; that is, to each horse three ears of corn at a feed a day. These horses through the whole of the winter have had twelve pounds of alfalfa hay a day, worth, say, half a cent a pound; three ears of corn at a feed, and have been kept in fine condition. Figure for yourself the economy of maintaining horses through the winter; with the usual kind of timothy hay they would consume twenty pounds, commanding the same price in the fool market—I call it a “fool” market that will pay the price for timothy that they do. Add to that timothy hay eight to ten quarts of oats per day. Now, that was for horses that were simply being maintained for incidental work, you know. Of course next spring when the heavy work starts in they will get a little more grain, no more alfalfa.

I will just hastily sketch to you some of the most salient points in my experience with alfalfa.

Mr. Everett: Do you get any winter eggs on alfalfa?

Ex-Gov. Hoard: I could if I gave the hens summer conditions, but everything eats it on the whole farm that I know of, and I am thinking of saving up the leaves and having it ground and made into a breakfast food.

Mr. Wing: It is all right, I have tried it.

Ex-Gov. Hoard: Good alfalfa ground into meal and cooked

would be richer in digestible nutrients than any breakfast food I know of.

Mr. Lovejoy: Once in a while we steam cut alfalfa, make a mash of it for the horses, and when it comes out of the steaming vat it smells just like raisins, the sweetest, nicest stuff I ever had in the barn.

Ex-Gov. Hoard: All summer long I keep about two hundred Plymouth Rock hens, and I keep them on alfalfa largely. They are now grinding alfalfa, you know, making a hen food of it and selling it at \$40 a ton.

Mr. Lovejoy: We are grinding it through the Kelley Duplex burr grinder. We grind it with our oats and corn, equal parts in bulk, and it comes out a greenish meal, and every ounce of it is eaten.

Ex-Gov. Hoard: It has been difficult for me, with men who have never put themselves in contact with this matter, to talk about it, because I can't expect people to believe the things that I know concerning this plant.

Now, some suggestions about growing it. I want to say to you that this is my conviction, that it can be grown almost universally all over Wisconsin, wherever sweet clover grows by the side of the road. Hold up your hands, how many of you are located where sweet clover grows? Look at the show of hands. Now, it can be grown anywhere in Wisconsin if a little care is taken, and I will give you what, in my estimation, I have found to be the rule of procedure from the Wisconsin standpoint. I found myself all at sea in judging of the proposition from the Ohio standpoint or from the Kansas standpoint, and so I found that I must work out the problem from the point of the conditions which obtain here. You know yourself that with even two farms standing together, one farm cannot be farmed as the other farm is, and there has to come in a lot of gumption, which is discernment and judgment, we know that, and so you see that you have to use this gumption which is this good judgment, in Wisconsin,—first in the matter of good seed, absolutely good seed.

Seed was sent me last winter of which only twenty per cent or one fifth sprouted. One thing is certain, you must test your seed. Go to the tanners and get an ordinary tin pie plate, have

your wife make a little quilt arrangement with two pieces of cheese cloth, with a little cotton between and cut it out to suit the bottom circle of the pie plate. Wet it. Count out one hundred or two hundred alfalfa seeds and sprinkle them on that little quilt. Have a smaller pie plate the size of the quilt itself and set that down over it and place where it will keep warm. That is one of the nicest little arrangements for testing seeds that I have ever used. Then the percentage of that seed that sprouts will be the percentage of vitality in that seed; if ninety out of a hundred sprout it is ninety per cent good. Now, when I found only twenty out of a hundred would sprout, I said to myself, "What would the farmer who sowed that seed say when he saw the result?" Why, he would say, "The blamed thing won't do with me," because he had bad seed.

The next point is the locality. We are finding rapidly in Wisconsin that the higher and bolder, you might say the higher portions of the farm, are those upon which alfalfa does the best. If you have a side hill with good soil you will find alfalfa will do excellently well there, for one reason that when the sun comes in March and there is thawing and freezing the water runs off, and does not form an ice cap. You know if it collects anywhere in the hollows, it will kill your clover, and it is apt to kill alfalfa. So much for the location or the physical contour of the land.

It will grow upon any kind of soil. In my town are fields of alfalfa that are very sandy. My own farm is very stiff, heavy clay, thirty feet deep, white oak soil, and it grows beautifully. I would rather risk it in the vicissitudes of a Wisconsin winter and summer season than red clover twice over, for red clover will summer kill, that we know. Two years ago I sowed eight acres of red clover as high as twenty pounds of seed to the acre; I sowed twenty-five to thirty pounds of alfalfa in fifteen acres. I sowed them both with a nurse crop, barley, and cut off the barley. It came on with a beautiful stand but when the barley was cut the clover all perished, summer killed. The alfalfa stood and looked as though it were having a hard time, but it came out finally, and on that seeding of a year ago I cut this year four and a half tons per acre of alfalfa hay in three cuttings.

Now, in the preparation of the soil, you cannot be too particular, you cannot possibly expend too much labor, you cannot

work that soil over and fine it down too much. Alfalfa seed is a remarkable seed about being particular about its habitat. I wasted sixty dollars worth of seed in trying to sow it down with rye. I harrowed the rye three times and tore it all to pieces and I never saw three forkfuls of alfalfa out of it. The only thing I learned out of that proposition affirmatively was that I got the biggest crop of rye I ever had.

Mr. Wing: Did you ever know any one to sow it with wheat successfully either?

Ex-Gov. Hoard: No.

Mr. Wing: I never did either.

Ex-Gov. Hoard: I may not be wise in doing all these things, but I am a good deal like the boy that said to his mother, "I don't know but there are other women that can beat you, mother, but I haven't met them and I am going to stay right here with you," so I am going to stay with these propositions, so far as I have learned them, not that there are not several ways of doing the same thing.

Now, there is the soil. You need to have the soil in good heart, a good heavy coating of manure. Alfalfa seems to take kindly to manure. A heavy coating of manure, fall plowed, seems to be the most favorable, because the ground settles well during the winter, then with a disc and a harrow give repeated workings, over and over; I am coming to think that may be it would be well to delay the sowing till the first of June, and not sow any nurse crop with it. Go over the ground and constantly harrow it and kill the weeds, until say the first or tenth of June, then sow it. If it is a good season, it will do all right. If it should come off very dry, it will be apt to delay it some.

Now, can we sow it with a nurse crop? Some say, yes, but but you want to be exceedingly careful not to overseed with your nurse crop. A lot of farmers in this country have the idea that they ought to grow just a big crop of grain and then the field ought to produce just as good a crop of clover or alfalfa. Why it doesn't seem to occur to them that you must cut off your grain if you seed down with clover, and that is one of the reasons why they fail. It is a fallacy that I may eat my cake and keep my cake, and sell my cake and give away my cake. Everything ought to work together for good to them that love—

cake. But not to exceed one bushel of barley to the acre has been my rule, and many think that is too much.

Mr. Wing: Three pecks are plenty.

Ex-Gov. Hoard: I wish I hadn't sowed but half a bushel last year, because in some places, owing to the season, it lodged, and wherever the nurse crop lodges, it is apt to kill the alfalfa, so I have got to go on this season, this spring with a disk harrow and work up the bare spots thoroughly and seed them. So much about the seeding.

Second. Do not sow alfalfa upon low ground, peaty soil. Sow it upon just as high good ground as you can get, and remember while it will go very deep after moisture, it will not go far after standing water; that is, it will not stand wet feet, the bottom of the root must not be in the water.

Now, about cutting it. There is some wit to be exercised here.

Commence cutting it when you see the very first blossom. Many people clip it the first summer; it is pretty dangerous in Wisconsin to do that. Some have done it safely, but if you clip your alfalfa before the buds form on the root for the other growth, you are quite apt to give it a very serious discouragement.

And so in cutting your first crop, wait until you see the first blossom, but if you wait until it has blossomed too much, you have injured the quality of the hay, and you have set back the second growth.

Invariably you will get a much larger crop the second cutting, if you cut the first early, and that is the law that applies to every subsequent cutting of it.

Now, in cutting and curing, my object is to secure the very finest food that I can get. I have discovered that drying hay is not curing it; I have discovered that a certain process is needed to cure hay rightly so that it comes out fine food for my cows, and that process, with all legumes, clover and all, is to cure it in the shade and not in the sunlight, for something goes out of hay that is dried out in the sun, I don't know what it is. I will tell you how I proved it.

I couldn't tell how much grass a cow would crop in twenty-four hours, nobody could tell me on earth, for nobody has ever

attempted to find out. We turn a cow out and let her graze but how many pounds of grass she would eat in a day nobody could tell. I took a Jersey cow that was making a pound and a half of butter upon grass a day, and I said if I give her enough lawn mower clippings fresh so that she holds up to the pound and a half a day, I am giving her the equivalent of what she grazed for herself in a day. I put her in the stable and fed her enough so that she held up to her pound and a half of butter a day, and it was eighty pounds of lawn mower clippings—about two and a half inches of blue grass. She stayed right there. Then I dried eighty pounds in the sun, in the bright sun, and it made eighteen pounds. Then after having handled the cow a week, seven days, with the fresh clippings I put her upon seven days of this dried lawn mower clippings and down went the milk and butter yield. Of course, with the dried clippings she had all the water she could take, and so when a man tells me that the sun does not dry out of hay anything but just water, I refer him to that experiment, and I ask him what it was that went out of that grass.

Therefore, alfalfa should be cured in the shade, and to that end when cut if it is very heavy, I may turn it once or twice, shake it up, but I hasten this wilting of the crop and just as soon as the rake will rake it and handle it fairly well, it is raked into windrows and bunched into about one hundred pound cocks and covered with a forty-inch square piece of "A" sheeting hay cap. I have fifteen hundred of those hay caps and I find them on my farm to be one of the most profitable things I have ever used in hay-making machinery. Last summer they cost me thirteen cents apiece. You take forty-inch wide first class sheeting, tear off forty inches long and there is your hay cap. Then take a stout, heavy piece of twine—I wish I could teach you all to make a weaver's knot,—tie a ten-inch string to each corner and last summer I got some of these washer nuts, weighing forty pounds to the hundred, and I tied a washer nut to each corner. I have heretofore used old horse shoes, cut them in two and punch a hole in them to make a weight. Take your stone boat or your low wagon and lay them on that all one way, with the weights at one side; pile them right up and drive in field, pick them off, picking them up by the middle, and give them

a flirt, and set them over the top of the hay and there they are. Every forty-eight hours after that two men go into the field and stab their forks into each cock and pull it over upon fresh ground; if there is any hay left upon the ground, the hay cap is lifted up and is tucked under. This is done to prevent smothering of the roots under the hay cock. The ground upon which alfalfa is grown is particularly sensitive to adverse situations; you don't want to spot your field.

To show you how sensitive the crown of alfalfa is, in cutting the first crop and hauling it off the field you can see afterwards exactly where every wagon wheel went, it shows in the second crop and the third crop the same way, and that shows you how sensitive the crown of alfalfa is, and therefore the pasturing of it with heavy cattle injures it. Men say, "Won't it make hog pastures?" Yes, it will, but it is hard on the alfalfa, because the hogs will bite out the crown; they will not only injure it by rooting, but they will nip out the crown, and it is much easier to have your alfalfa by the side of your hog yard and feed it to the hogs green, soil them in that way, and it is cheaper.

Now, I have put this alfalfa up and I want it to go through the first sweat in the cocks. If it goes through the first sweat in the cocks, the spontaneous combustion which does occur with alfalfa sometimes and with clover, is obviated.

You know it is very catchy weather the first of June, so that just the moment that it comes an opportunity that I think that here will be fair weather enough to get it hauled in, my men run out, spread it out for a couple of hours, not thinly, but thickly, let the oxygen get to it, and that will cure it quickly, and then it is hauled while it is yet quite tough, we don't want to wait for the leaves to get dry.

It will heat up a little in the barn but not to hurt it, and your alfalfa is all right.

Mr. Wing: Don't you find that stock seem to do all the better if it has turned a little brown, lost the green color?

Ex-Gov. Hoard: I never had any conviction in that direction. I thought the greenness of it was a valuable feature.

Mr. Wing: I find that if it has lost a little of its greenness the stock like it better than when it is green.

Pres. McKerrow: Don't you find it a little dangerous to just let it go that far, won't it get mouldy?

Mr. Wing: Not when I am putting in a great deal together; if I was putting in just a few loads in the barn, I would have to be more careful.

Ex-Gov. Hoard: Yes, I think there is something in that. My first cutting was put in a little bit too green in one place, put in to the bottom of the mow, and it formed quite a serious mould. There wasn't much of it. Now, I want to know how many in this audience have ever grown alfalfa? Well, there are twenty-three, pretty good showing.

A Member: Before we leave this question of caps, I want to say my son had a notion that he would use blue denim, that it was better than white ordinary muslin on account of its closer texture and perhaps on account of the color. Do you think there is any virtue in that color idea, as compared with white?

Ex-Gov. Hoard: There is this benefit, that the sun will not heat under white as heavily as it would under blue. You readily perceive, that white is a non-conductor, and it would be cooler under the white than it would be under the blue, and I wouldn't want to give it any more heat than necessary.

A Member: Is muslin better than papier mache?

Ex-Gov. Hoard: I don't know anything about that.

Mr. Adams: We have those paper caps at the experiment station and they are not satisfactory for any kind of hay. The moisture rising in the green hay condenses under that cap and if the cap is left on any length of time, you will find the cap very wet, moist, and if left long enough, it would mould under that cap. I don't think that they are satisfactory.

Ex-Gov. Hoard: Now, another thing: Do not cut but three crops in Wisconsin. It costs me something for my knowledge on that point. I had reason for doubt from what I could reason from the biology of the plant as to the wisdom of the fourth, cutting, but I had not reasoned it into my foreman. I was away from home, I had a beautiful piece of alfalfa across the road, and I got back the 25th of September and found that the foreman had gone out and was in the field cutting that alfalfa, a fine stand, the fourth crop, I was startled. I

said, "Why, what are you doing?" He had cut about five acres out of eight, and there was a square chunk left in the center of the field. "Why, he says, "it will grow enough from now on to protect it for the winter." "No, it won't, August; things don't grow much here after the 25th of September. "Well," he says, "I hate to see that crop going to waste." "Well, I think you have ruined the alfalfa anyway; now stop right where you are and let that square chunk remain, and we will know something for sure next spring."

I went off to El Paso, Texas. I kept writing home about that alfalfa, and August kept saying, "I guess it is all right." I got back the last of February, and I noticed that the sun had thawed the snow off all around this square piece, but the snow remained in the uncut alfalfa. When the spring came I could go around and pull out the crowns of nine tenths of all the roots around this square. In the center that square piece was solid and the leaves were starting for the first crop. So you see what I saw. Now, you say, was it just simply the protection that the uncut stalks gave, a sort of a mulch, a protecton? I don't know. I have reasoned a little further, in this way, that being cut late in the fall it did not have a chance to rally again, and the cold nights came on and the plants sickened whereas where the stem was allowed to remain it did not bleed as it did when the fourth crop was cut. It stood up under adverse conditions a great deal better. But anyway I took from that three acres in the center eighteen tons of beautiful hay and the rest of the field around it I had to plow up. Now, that was an experience that cost me something.

Mr. Wing: Have you ever cut a crop the first year?

Ex-Gov. Hoard: No, sir, I have never allowed myself to clip it even. In that practice I am standing contrary to many; everybody says you need to cut it to set the weeds back, and by the same parity of reasoning, if you set the weeds back you check the growth of the alfalfa and what I want to do is to get each individual root to make as deep a growth as possible before the winter comes, to give it as long a season as possible, and I have found that practice to be successful with me. I have never lost a field yet in all my experience after I had settled upon this procedure. While I was experimenting I lost several,

but since that time I have not lost one field in a single instance where I allowed it to stand untouched and let the weeds grow as much as they are a mind to.

Mr. Wing: They don't smother it then?

Ex-Gov. Hoard: No, not if you sow it thick enough. If you do not sow your alfalfa thick enough, if you are afraid of your seed and do not sow more than fifteen or twenty pounds you give the weeds a chance, but I sow twenty-five pounds of seed, and for two reasons: First, I want to get a strong growth of alfalfa plants to check the weeds and then I want to reduce the size of the stalk; I do not want a heavy coarse stalk.

Mr. Wing: Doesn't it die out so it stands wider apart after a while?

Ex-Gov. Hoard: I can't say so. I have just plowed up last fall, a field that has been down seven years and it produced five tons to the acre. I plowed it up to rotate with corn. I rotate entirely with alfalfa now. And that makes me think, I never have seen anything in my life that had so fine a mechanical effect upon land as alfalfa. Isn't that your experience, Mr. Wing? •

Mr. Wing: It doubles the depth of the soil.

Ex-Gov. Hoard: One old German said; "Mein Gott in Himmel," what will you do? You get that land so bored like a pepper box, full of holes, everything will run down." But I tell him, "No, it won't hurt to have the field full of holes, bore it as much as you want to," and this is what it did to that piece that I told you about that I was obliged to plow up. The spring was pretty late, and my land is heavy clay, and we were about a week or so behind in our work on the farm on that account; when I saw I must plow, I must start in, I had to commence my plowing on the highest ground I had, and still my ground plowed shiny, and you know that is a bad thing, you have to give your land a lot of working to prevent its getting lumpy. When I struck that alfalfa field, as heavy clay as I have got, it plowed like an ash heap, and I was amazed and the man said, "Did you ever see land turn over so loose and beautiful as that—" I could see then that those alfalfa roots—they set there like a stubble all over the field, produced a sort of a grinding action; they were under there growing and grinding, moving and acting in

the soil, breaking it up, admitting the air, aerating it, having a splendid mechanical effect on that land.

Now, as to its fertilizing qualities: I have owned the farm now about seven years, my neighbors say no such corn was ever grown on the farm as I have grown on these alfalfa fieds, and everything points to me that it is one of the most valuable things I have ever tried in bringing up the soil of my farm. So you might charge me twenty dollars a bushel for alfalfa seed, and I would still be using it in rotation in preference to anything else I could buy.

Mr. Brigham: In your rotation, what do you use besides alfalfa?

Ex-Gov. Hoard: I plow the alfalfa field and plant to corn one year; if it is very strong, maybe I will plant it twice. The next I will sow it again to alfalfa, and about a bushel of barley; three pecks to a bushel of barley, and start in again on alfalfa the same year, then run the alfalfa say about three years; that will be a five-year rotation. Some of it I have allowed to stand and run seven years until the blue grass will get in, as it will very strong.

A Member: Would you plow the corn stubble or disk it in?

Ex-Gov. Hoard: No, I would plow it in the fall after the corn was off.

Secy. True: Then what is the process of sowing, at about how deep do you aim to cover your seed?

Ex-Gov. Hoard: I use a drill with a box of grass seed attachment in front. That is gauged to about twenty-five pounds of seed to the acre and the drill comes along and drills in the barley and the clover seed is sprinkled right in front of the drill. Then I go over it with a harrow, harrow it twice, once one way and then the other, cross harrow it, and let it go. If it is plowed in the fall, I disk it and harrow it, disk it and harrow it, until the land satisfies me in its mechanical condition, and I know that it is a good seed bed, and if it does not satisfy me I keep at it till it does.

Mr. Brigham: I did not plow last fall, where I want to put alfalfa this spring is on corn stubble. I kept the land free of weeds, though. Wouldn't it be better not to plow, but just to disk it?

Ex-Gov. Hoard: If you will disk it enough.

Mr. Brigham: The last piece I put in we worked it so the man said, "If that alfalfa doesn't grow, there is no good in trying it in this neighborhood." It was fine as any flower bed.

Ex-Gov. Hoard: The object of plowing in the fall is to get the ground packed, well settled. Spring plowing will do very well for corn, and it does very well in many particulars for grain, but the fact is that even with grain with me on corn ground, I do better by not plowing my corn ground to sow oats, but give it a thorough disking and harrowing, so that the ground is settled; but if plowed in the spring, I should roll and pack my ground down pretty well, and then give it a thorough harrowing after rolling.

Mr. Convey: Have you tried different varieties of seed, and is there any difference?

Ex-Gov. Hoard: I never have found any difference. I had the first Turkestan alfalfa that was gotten by Secretary Wilson, and sowed about an acre, and it stands there yet, and I cannot see that it is a whit better than Montana or Wyoming alfalfa. Do you think, Mr. Wing, it grows quite so strong?

Mr. Wing: I got some of that same seed, but it did not do as well as common alfalfa with me. It is better in Western Nebraska. It is not worth as much for your climate I am sure.

A member: I tried some of the Turkestan myself and I don't think it was as good.

A Member: I tried it and thought it was better.

Ex-Gov. Hoard: The difference might be in the nutrition of the soil or something of that kind. It makes a finer growth of hay.

Mr. Wing: But not so much of it.

Ex-Gov. Hoard: I think it would hardly yield as much to the acre.

A Member: Do you know of any tests having been made in the way of feeding work horses in the cities on alfalfa?

Ex-Gov. Hoard: I know that in Denver men have told me that they do not think alfalfa is any good where your horse is put to road work. It is quite apt to be too laxative, but for draft horses and horses in walking motion I don't know of any better feed.

Mr. Wing: Nothing so good.

Pres. McKerrow: I was in some Denver stables last week where they feed it once a day, and they told me there they are well satisfied with feeding it once a day.

A Member: Did you have any trouble plowing your alfalfa?

Ex-Gov. Hoard: Well, you will have unless you get power enough. You can see those roots are here to stay. Oh, it is the stiffest plowing you ever saw.

Pres. McKerrow: Mr. Wing of Ohio is an alfalfa crank, if such a thing can be, worse than Governor Hoard, and he knows something about plowing alfalfa. Let us hear from him.

Mr. Wing: According to our practice, we have a little piece made specially that sticks out about three inches, a little piece of steel on the side of the plow, in plowing alfalfa. It runs to the bottom of the furrow and runs under the undercut roots and helps to cut the next furrow. If you have got that piece of steel in just right, and a good strong team and a sharp plow and a Christian model of a man, you can do your plowing pretty well, but if you haven't those things just right it is very hard plowing.

Let me suggest one thing while I am on my feet: I know that what the Governor says is true, he has found it in his experience, but one thing he said might not be true in everyone's experience, that is the matter of clipping. As long as alfalfa is growing, the first year let it grow thriftily, but just the minute it begins to look like something is the matter with it,—it looks yellow, then clip it, and it will stop that, it will come up and make another rank growth. I think I would recommend that myself; some summers we had to clip it once and sometimes twice, but now that our fields have become thoroughly inoculated, we have no trouble.

Ex-Gov. Hoard: Do you find that where alfalfa has been grown formerly that the soil loses the inoculation?

Mr. Wing: Oh, no; we find where it is once inoculated it is always inoculated; it is like a boy being in love, it stays with him if he gets the habit.

Mr. Lovejoy: I have to clip it to keep down the growth that comes up on heavier land, I was afraid it would smother out. My alfalfa is all on bottom land, along the Rock River, the soil is black.

Ex-Gov. Hoard: I said upon peaty soil it wouldn't do.

Mr. Lovejoy: It is only twelve feet to the water, but you never saw better alfalfa.

Ex-Gov. Hoard: But it is not peaty, swampy soil?

Mr. Lovejoy: It is black loam.

Ex-Gov. Hoard: That is all right. I have some beautiful alfalfa on river bottom land just like that.

Pres. McKerrow: The Governor said alfalfa didn't like wet feet, but Mr. Lovejoy's didn't have a chance to stretch its legs twelve feet before it reached the water, and so it would be all right.

Mr. Lovejoy: Yes, I know it won't stand where the water is near the surface. I have some that is in water now.

Pres. McKerrow: It won't hurt in winter. It won't hurt even if it freezes, unless it freezes with a shell of ice down onto the roots, that will kill them.

Mr. Everett: We were told recently that the farmers must increase their bearing surface for alfalfa by splitting the crowns of the plants. How is that, Mr. Wing?

Mr. Wing: That is one of the things that people like to talk about. It does not trouble alfalfa to disk it, but it is not necessary to split the crown of the plant. The reason why the disk-ing is recommended is because it holds in the moisture and lets the air down in. As a matter of fact we do not split the crowns very much. I would disk every bit we have if I had time. Now, I want to say one more thing. I have not found putting on stable manure after you have established your alfalfa to be a good thing, but I have found that going into a field, a field that never had never been properly prepared and drilling into it some acid phosphate was a good thing.

Ex-Gov. Hoard: How about ground bone?

Mr. Wing: I haven't tried it, I think it would be a good thing, but it wants to be worked in until a man could not find where he put it in.

Ex-Gov. Hoard: My idea about manure is that you can manure a piece of land heavily if you are going to sow, and you should do so. There is something peculiar with me about the bacteria found in alfalfa and barnyard manure. I have traced it hundreds of times. For instance, I have found where I have manured a little piece of ground those bacteria are abundant in

the manure, and over here on a piece that didn't have a bit of manure on, no bacteria at all.

Mr. Wing: Even if the soil is rich, you will find the same results. Down in Iowa, on those rich prairie soils, they could not grow alfalfa until they manured the ground. But don't you find also that after it is established with the manure you don't have to follow it up, it will maintain itself?

Mr. Rosa: Several years ago I sowed a little piece of alfalfa and the land was the richest land on the farm. One day the man had a lot of stable manure and we didn't know just what to do with it, and I told him to go up there and scatter it across one end of that field. He did that and I noticed the rest of the year that the alfalfa grew better there and I supposed it was due to the manure, the fertilizing effect of the manure. The next year I was very much surprised to see that the alfalfa was growing out a couple of rods from where the manure was spread and was doing better than further on. I began to investigate and found that there were fully twice as many nodules on the alfalfa and that demonstrated to me pretty clearly that they must have got them from the stable manure, and that they were working out from that strip that it was spread upon, out into the field.

Ex-Gov. Hoard: I think there is some relationship there. I found invariably after a heavy coat of stable manure has been put on the ground that the alfalfa is sown on, that they are there developed a great many more times than back away from the manure.

Pres. McKerrow: Is that sufficient inoculation for a new field?

Ex-Gov. Hoard: I wouldn't want to say much about inoculation. I sent to the Government and got a nitro-culture and fixed up a sprinkling wagon and inoculated twenty-three acres by fluid inoculation. It never had been tried, the Government said; they didn't know anything about it. Professor Short, one of my editors, worked with about fifty acres of alfalfa which was very sickly and of poor growth. He took a sixteenth of an acre and sprinkled it with a watering pot and the effect was magical. I tried it afterwards—it was done along about the first of September, and I could see some good results, but nowhere near as much as he got; therefore it convinced me that this inocula-

tion should take place when there is plenty of that in the soil, warm nights, if you want to get any results out of it. We have been seesawing on this thing, men who declare that there is nothing to it, it is a humbug, and then we have men who declare that there is something to it, and between all these experiences we are coming down to something like a sensible conclusion by and by. There is something in that bacteriological question that you and I ought to know something about.

Mr. Wing: We do know that it won't grow without the bacteria. If you go over your field and find sickly plants and make an examination, you will find there are no bacteria on those roots.

Ex-Gov. Hoard: There is a simple way to inoculate—if you find some sweet clover by the side of the road you know there is something in the surface soil that will grow alfalfa.

If you give it a good dressing, seventy-five pounds to the acre, that will help.

Mr. Lovejoy: Might you not get a little sweet clover seed in your alfalfa field?

Ex-Gov. Hoard: That won't hurt it. It is only a biennial. Alfalfa is a perennial. People get scared about sweet clover, if they see any of it in their fields.

Mr. Wing: From my experience and observation of other people's land and my own, I am ready to stake my reputation on this, that with all you have ever heard about bacteria and necessity of inoculation, just put it in two words—forget it. No, don't forget it, go home and thoroughly fill that soil with stable manure before you sow it to alfalfa, and I will bet a million dollars you won't find a single plant that is not inoculated all right.

Mr. Reynolds: Do you think it would be easier to inoculate alfalfa on soil which is growing red clover?

Ex-Gov. Hoard: I don't think red clover has anything to do with it. There is one thing you can do, you men who are going to stick to red clover. Sow about two pounds of alfalfa to the acre with your red clover and that would start your inoculation.

A Member: Will it grow sown that way?

Ex-Gov. Hoard: Yes, there are several cases in Jefferson county.

Pres. McKerrow: I have had it growing that way a great

many years, I like it in land that I am going to pasture, just a little of it with red clover.

Ex-Gov. Hoard: Then you will get your inoculation before you know it.

Mr. Conyev: Where is it best to get the seed? Would you go north or send to Nebraska or Kansas?

Ex-Gov. Hoard: I think the further north you can get alfalfa seed for Wisconsin the better it will be.

Pres. McKerrow: Billings, Montana, is the best place for that.

Ex-Gov. Hoard: Yes, send up there for it; in that country there were eighty thousand pounds of seed grown last year, and I couldn't get a pound, the seedsmen had picked it all up.

Mr. Adams: I want to make a suggestion that may bring out something or may not. It may help to show that we cannot treat alfalfa the same in all places; that it is a tender plant until it becomes established, and then it will do very well. Some twelve or thirteen years ago I had some experience with alfalfa in Southern California. I went there in the summer, thinking it would be a good time to visit my brother who was on a ranch there. It came time to cut the first crop of alfalfa, and he couldn't get help to do it. I told him I would help him, and I helped him with the crop, and in four weeks I helped him with the next crop and it kept on until I had helped with six crops; then I thought I had better come home, and he wrote me afterwards that he cut a seventh crop. I found that the old alfalfa growers in that community had been growing it for thirty or forty years after the alfalfa field had been seeded down, but it would become coarse, would grow taller and grosser, and bunch together. Now, it was the universal practice among those Southern California farmers about Riverside there to put a spading cut-away harrow in and cut over that field, and I thought it would just ruin it, but it resulted finely, it spread out the bunches and it was good for another two or three years; then they would go at it again, give it another raking, and some kept their fields seeded down to alfalfa until what they call "devil" or "crab" grass came in and killed it off, which it would do after a long term of years. We may not be able to give it that severe treatment here.

Ex-Gov. Hoard: One reason why alfalfa bunches in that

semi-arid country is the reason that all grass bunches, for mutual protection on account of moisture. You cannot get a sward in a dry country. England has the most perfect swards in the world, because she has fifty or sixty inches of rain when we have about thirty. California has twelve to fifteen, and therefore alfalfa bunches more than it does here. I have never tried disking it, as has been suggested. I want to try it, I want to know something on my own account, but I do not see quite the necessity for that that there is in the semi-arid regions of Nebraska and Kansas.

A Member: Can you plow that up with a gang plow?

Ex-Gov. Hoard: Oh, I suppose you can plow it with any kind of a plow if you get power enough, if you have a gang of horses. I plow it with a pair of horses weighing about fifteen hundred pounds apiece, an ordinary plow with jointer and cut a narrow furrow. Make it as narrow as possible and then plow very slowly and easily. The horses will just drip with sweat.

A Member: Do you ever get all killed? Don't you generally find plants left in that field?

Ex-Gov. Hoard: Sure; but in the course of the cultivation of the corn in summer, it doesn't grow. You are sure of having left this peculiar and very valuable mechanical effect that has been spoken of. On your average field of alfalfa that will harvest five tons to the acre, you turn under in tops and roots, about ten tons to the acre of humus-making material.

Mr. Wing: And you leave on there ten tons down below that you don't turn under.

Ex-Gov. Hoard: Pretty near. I do not know of any animal that we raise on the farm that alfalfa is not valuable for in the way of feed. Indeed, I have never found anything that equalled it. I would like to take you to my farm,—one hundred and thirty of the short course boys came there last Saturday and looked over my cattle, my calves and my yearlings, and saw what I was doing, and one fellow said, "Well, it is very good for a critter to be here."

Mr. Wing: A sort of cow heaven?

Ex-Gov. Hoard: Yes, you can see it sticking out in all directions in the condition of these animals, particularly young animals.

A Member: How about tiled land? We might have high land and still there will be little hollows in it where our land is cold and wet in the spring and those are tiled?

Ex-Gov. Hoard: Mr. Wing has had more experience with that than I have. I never tried it, but in one place, and there it filled up. It was running water pretty much all summer, and the first thing I knew I had to take up all the tile for about twenty rods there and I had to put down sewer pipe, cement, down in the heavy hard clay ground.

Mr. Wing: We have at least fourteen miles of tile under drainage, and most of that running water, but alfalfa has never hurt any of those tiles; but those that carry the spring water do occasionally fill up, and we have to dig them out and we did, and we can afford to. Perhaps I have had more experience in horse feeding with alfalfa than some of you, and we have found this: the horse relishes alfalfa that is cut early. It is a little coarser than what you want for cows, the first crop. The last crops, nearly all leaves, we do not care to feed to horses, there is a little too much protein. They will eat that coarse stem up perfectly clean. Our working horses were never in such good condition as since we have alfalfa hay; they will eat up what the cows leave. There was an old Roman somewhere way back that talked about alfalfa.

Ex-Gov. Hoard: Pliny, the younger, told about alfalfa. I published it in the Dairyman.

Mr. Wing: He says after it has been established you may cut it six or eight times a year and feed it to the horses and it is good for all manner of flesh, "beasts," I believe, is his term.

Mr. Pabst: Do you feed it to growing stock, horses?

Mr. Wing: The best in the world to feed to growing horses. In the high priced fields of California thoroughbreds were running and when I first saw those I was dumbfounded. I said to the owner, "What are these?" Excuse me, I may be ignorant, but what are these horses, are they coachers?" "No," he said, "they are thoroughbreds." I said, "You are fooling me." "No, I am not." "When did they get their stye and beauty of finish?" "Why," he says, they are fed on alfalfa." The best thoroughbreds that come to New York are raised on the alfalfa fields of California.

Ex-Gov. Hoard: There is one point about feeding horses, and that is that you should not let the horses eat all they want of it. If you do, a horse will fill his paunch so full it will crowd his lungs and the first thing you know you will have a case of heaves. I had one case of heaves develop in that way. My man, like all good Germans, loved to see the stuff go into an animal, particularly if he didn't have to furnish it himself. I used to say, "John, you must not give that mare so much hay; she is beginning to be distressed for breath." "Oh, she like it, she like it." "I know, but the first thing I know there will be heaves," and there was. Heaves is caused largely, you know, by crowding the lungs and creating an interference with the action of the lungs; therefore, do not feed your horse more than just about what you think he ought to have, ten to twelve pounds a day.

A Member: Don't you find it much too laxative for your calves? The Kansas Station people did.

Ex-Gov. Hoard: That can easily be cared for with a very little blood meal.

Mr. Hill: Up to three months old I think the calf had better have clover hay, or some other than alfalfa: After that they are all right. They like the alfalfa all right.

Ex-Gov. Hoard: I send to Swift or the Armour Company and have bought every year about a hundred pounds of dried blood meal that they put up and prepare especially from their healthiest animals. It is heated to 250 or more, and is entirely safe, and I used that blood meal with my young growing calves as the best corrective that I have ever seen against scours and it is a fine thing to use for pigs.

Mr. Lovejoy: How long do you keep it up?

Ex-Gov. Hoard: Seven or eight months. You start in feeding it almost in the start with your young calf, feeding it in the milk, not to exceed a half or a quarter of a teaspoonful at first and enlarge it slowly, until you are feeding, say a table-spoonful a day.

Mr. Wing: I want to tell you a little bit about what alfalfa will do in a long course of rotation on soil, a little experience I had in France. I had an invitation to visit a French farm, about forty miles from Paris, one of the show places of France. It was such

a good farm that the Minister of Agriculture sent distinguished foreigners over to see it. I was a distinguished foreigner and that is the way I came to be there. The old Frenchman himself came to escort me over there, a very elegant looking man, with his long frock coat and his mustache curled up and silk hat, and all, though he could not speak a word of English and I couldn't speak but two words of French. We started out to go to that farm on one of those funny French trains, talking all the way out. We would look out the window and jerk our shoulders or shake our heads if we didn't like the looks of things, or we would smile if we did. When we got to the station, a beautiful carriage met us; we got in the carriage and soon we were on his farm. I suppose by the looks of that farm it had a couple of thousand acres—although they do not have acres in that country, they have other measures. As we drove along across his farm, I began to notice all at once a wonderful fertility, indeed, I had never seen anything like it. We passed through his wheat field. There was a gang of men running an American binder. One man sat in the seat working the levers and another man drove the oxen. That wheat was a little taller than I had been used to seeing and so thick you could have almost thrown your hat out in it and it would not have sunken to the ground, beautifully headed out and none of it lodged.

We came to his hay meadow where there were nine men cutting grass with scythes. I jumped out of the carriage, I wanted to see those scythes, the swath was perfectly straight, and I took one in my hand and tried to mow with it, but I couldn't mow very well. The old Frenchman shook his head at me and took it in his hand and showed me in a minute how to swing it. Behind those men a lot of women came along and tied up that grass in little shocks. We came to the sugar beets, standing there so rank and thick that the leaves covered the whole ground and they were black, showing the nitrogen that was in the soil, and little Belgians were hoeing those beets with short handled hoes. I never saw men work so hard. I afterwards learned they were working by the job and not by the day. Then we came to the corn field, the only one I saw abroad, and pretty good corn, too, but they told me it was all to be put in the silo, the climate was not quite hot enough to make corn.

Along a little farther on the hill was a village. When we approached it, I learned that the village was composed of little houses that were to shelter the men who worked on the farm. Each man owned his little home, although they did not own the land. This was a little village of small stone houses, with a little winding narrow street between them. We drove through the little streets of that village until we came to a big archway in a wall, and we drove through that and here we were right in the court in the middle of the man's castle, the court might be about four times as big as this room. All along on this side of the court there were great stables and there were two thousand sheep in those stone stables. I went in to see what they were doing and they were eating green clover with the blossom on it, and every sheep was a good one, two thousand perfect sheep. Every day those sheep went out with a dog and a shepherd and they gleaned after the harvest, or fed where they wanted to, and then came back to the stable.

On another side of the court there were great stables where dual purpose cows were being fed, wonderful cows, giving milk for the Paris market, and some of them pretty fat. I did not learn all about the management of those cows, but I think after they got thoroughly fat they went to the butcher. I don't think he raised many cows on that ranch. Those cows were eating green clover, silage and sugar beet silage, too.

Now, at the other end of this court there was the residence of this great land owner, a beautiful residence, a wonderful residence building of cut stone, as fine as this State Capitol, with great cut stone steps, leading up, and glass windows. He invited me in and I went in and sat in his home, a little finer than anything I have ever seen, a beautiful library and fine old furniture. He kept me three hours for dinner, and I begrudged every minute, but let me tell you from all the windows of that house he could look out over his fields and he could see his fine Percherons coming in, bringing in two or three tons of wheat; he could see the sheep coming in and out, but here is what he saw plainest of all, he saw a pile of manure nearly as big as this room and about so high, all covered over with dry straw every day, and over this was poured a deodorizer so it should not smell badly, and do you know, that wise old man who had

been to college, looked out of his palace windows there and saw that pile of manure and it looked good to him. He says, "Look at my manure pile growing. Just think what I have there. That is something that is going out on these fields, going to feed these fields, going to cover these fields with beauty and feed all these people outside of my castle walls."

I went out and walked over those fields; that old man couldn't talk to me, but I could talk the language of those fields and here is what they told me: They told me because of their fertility they were well covered, some with clover, some of them with wheat and some with corn. Of that land there was about one tenth in beets, a little corn, and all the rest in clover. That was "sangfoil," crimson clover, as they called it, but really it was all alfalfa, or nearly all. I said to this old gentleman, "What is the best thing for your animals?" "Alfalfa,"—lucerne they call it. "What is the best thing for your soil?" "Lucerne." After I had walked around on that old ranch a while, I thought to myself a good many things, and I said, "Joe Wing, down in Ohio where you live people have not been farming for a hundred years, yet they think they have old fields, they think they are getting worn out, and men move to new places. We see many farm houses closed up, their farms have become back numbers; their school houses are shut up and all that sort of thing. Here are fields that a hundred years ago were old fields. Then I thought again, why, yes, five hundred years ago these fields were old fields, and yet they are rich as they can be." It almost made me shiver when I thought that a thousand years ago these fields were old, and yet they are more fertile today than anything I have seen in America. Now, I said, "Joe Wing, go home and do a little good farming, save the manure, put it back on the soil; learn to respect those manure piles; sow clovers; have faith in God and things will come out all right."

I want to live a thousand years and see what will become of that old farm of ours, after it has been carried on that length of time.

Pres. McKerrow: For want of time we will have to close this subject, and for another reason. Alfalfa is good for the soil, it is good for cattle and for sheep; it is good for Ohio and

it is good for Wisconsin, and I am afraid if we allow Joe Wing and Governor Hoard to go on here we would have to have an alfalfa meal for our breakfast foods pretty soon. But they are all right and alfalfa is all right, as I know from personal experience.

If there is nothing further at this time, we will stand adjourned.

29—A.

WISCONSIN FARM CROP REPORT, 1905.

APRIL 15.

For the purpose of giving more definite, and consequently more interesting reports of crop conditions, we have divided the State into three sections, to be known in future reports as the Northern, Central and Southern Crop Divisions, and have located the several counties of the State as follows:

NORTHERN DIVISION.

Ashland	Forest	Oneida
Barron	Gates	Polk
Bayfield	Iron	Price
Burnett	Langlade	Sawyer
Chippewa	Lincoln	Shawano
Door	Marathon	Taylor
Douglas	Marinette	Vilas
Florence	Oconto	Washburn

CENTRAL DIVISION.

Adams	Jackson	Pierce
Brown	Juneau	Portage
Buffalo	Kewaunee	St. Croix
Calumet	La Crosse	Sheboygan
Clark	Manitowoc	Trempealeau
Dunn	Marquette	Waupaca
Eau Claire	Monroe	Waushara
Fond du Lac	Outagamie	Winnebago
Green Lake	Pepin	Wood

SOUTHERN DIVISION.

Columbia	Iowa	Rock
Crawford	Jefferson	Sauk
Dane	Lafayette	Vernon
Dodge	Milwaukee	Walworth
Kenosha	Ozaukee	Washington
Grant	Racine	Waukesha
Green	Richland	

Inquiries were made April 15th upon the following points:

Condition of crops living during winter; the percentage of small grain crop already sown, and the general condition of farm animals.

Upon the basis of 100 representing highly favorable conditions, we have the following reports:

NORTHERN SECTION.

Winter wheat, 96; rye, 96; clover, 98; small fruit, 93. Percentage of seeding done, .08.

CENTRAL SECTION.

Winter wheat, 97; rye, 99; clover, 101; small fruit, 82. Percentage of seeding done, 28.

SOUTHERN SECTION.

Winter wheat, 97; rye, 99; clover, 101; small fruit, 82. Percentage of seeding done, 45.

The unusual snow fall, which came before the cold weather of the early winter and remained until danger from freezing was past, produced almost ideal conditions for preservation of crops in the soil, and gives the unusual percentages given above. Clover is, by far, the most important of these crops. The acreage seeded to clover last season was unusually large, and its present condition indicates a large crop.

Winter wheat is an unimportant crop, the acreage being too small to entitle it to more than a passing notice. Rye is also

losing in popularity as a standard crop, though Wisconsin still ranks first in the production of this grain.

The lighter soils of the State, formerly devoted largely to raising rye, under better methods, are now showing a larger acreage of oats, corn and potatoes.

The protection afforded by snow has brought small fruit plants through the winter in better than usual condition.

The percentage of seeding to small grains is unusually large for the middle of April, and in itself may be regarded as a favorable indication of good crop results.

Too much of the live stock of the State is reported in unsatisfactory condition, arising from insufficient grain feed and lack of proper shelter.

Farm wages are high, and in some parts of the State help is scarce. Prices range from \$20 to \$30 per month.

Our next report will be issued May 15th.

MAY 15.

The letter of inquiry addressed to our crop correspondents May 15th, sought information as to the condition of growing crops, and the comparative acreage of the principal farm crops of the present season, with that of last year.

The weather of the past month has been favorable for the growth of winter grains, clover and the grasses, also for the germination of spring grains sowed. Soils have been in excellent condition, friable and easily put in fine form for seed.

The stands of oats, barley and spring wheat are satisfactory in most localities, though some complaint is made of the inferior quality of seed oats, resulting in a thin stand.

Notwithstanding the high price of seed, we are pleased to note that the usual amount of land has been seeded to clover, and the present sufficiency of soil moisture insures a good "catch" and vigorous early growth.

During the past few days the rainfall throughout the state has been excessive, and much of the land is now too wet to be worked, preparatory to planting of corn and late potatoes.

In the Southern division of the State more or less corn planting had been done previous to the rainy period, and had favor-

able weather continued the crop would have been generally planted before the 20th. The Central division will be from three to five days later, while the Northern division can hardly hope to do much planting before June 1st.

Should the weather soon become favorable, and good seed be planted, the outlook for corn crop is not necessarily discouraging. Farmers who have not yet planted, should not fail to test their seed before planting.

In the estimates of comparative acreage of crops with past season, we note a continued falling off in winter wheat, rye and spring wheat, and a reduction of acreage of potatoes and tobacco, with a marked increase in acreage of barley, oats, meadow, pasture and sugar beets.

Fruit is generally reported in promising condition. No severe frosts have occurred since blossoms were developed.

Under the head of "Condition of Crops," we report the following percentages, 100 representing a high average condition.

Southern Division.

Winter Wheat—100; Rye—100½; Clover—103½; Timothy Meadows—100; Pastures—99½; Fruit—96.

Central Division.

Winter Wheat—98; Rye—99; Clover—101; Timothy Meadows—90; Pastures—97½; Fruit—93.

Northern Division.

Winter Wheat—97; Rye—100; Clover—103; Timothy Meadows—100; Pastures—98; Fruit—97½.

COMPARATIVE ACREAGE.

Southern Division.

Winter Wheat—90; Rye—95; Spring Wheat—98; Barley—105; Oats—100; Corn—99; Potatoes—90; Meadow—102; Pastures—100; Sugar Beets—124; Tobacco—92.

Central Division.

Winter Wheat—88½; Rye—97; Spring Wheat—95; Barley—102; Oats—103; Corn—100; Potatoes—95; Pasture—101; Meadow—101; Sugar Beets—105; Tobacco—90.

Northern Division.

Winter Wheat—100; Rye—102; Spring Wheat—100; Barley—109; Oats—115; Corn—94½; Potatoes—85; Meadow—105; Sugar Beets—100; Tobacco—100.

From these statements we make the following general estimate of total acreage of crops in State, compared with last year:

Winter Wheat—92; Rye—97; Spring Wheat—97; Barley—105; Oats—102; Corn—79; Potatoes—93; Meadow—103; Pasture—102; Sugar Beets—115; Tobacco—92.

JUNE 15.

The month ending June 15th, is notable for its excessive rainfall throughout the state. Many localities have suffered severely from the flooding of low lands and the washing of rolling cultivated fields. In the first instance, planted crops have been drowned out, and grains and grasses lodged and covered with dirt; and in the second, cultivated crops have been washed out and fields have been badly injured by the removal of alluvial soils.

A few instances of damage by hail are reported, but the loss resulting from storms seems to be largely from the immense amount of falling water.

The Central Division of the state has more generally suffered than the South or Southwestern portions, and evidently more than the Northern part of the state.

Besides the direct destruction of crops, the extreme moisture of the soil together with the general low temperature, caused much seed corn to fail to germinate, and seed potatoes have rotted badly after planting. Quite an acreage designed for

corn in Central and Northern Divisions had not been planted at date of this issue.

The general condition of meadows, pastures and small grain throughout the state is excellent. The hay crop is to be one of the heaviest ever harvested; pastures are luxuriant, and winter grains have headed in excellent form and promise satisfactory results.

Oats and barley are in danger of producing too much straw, and lodging, all other conditions being favorable.

The stand of corn in the Southern Division is usually reported as satisfactory, while in the Central and the Northern Divisions, there is much complaint of rotting seed and damage from cut worms. The continuous wet weather has interfered with the cultivation of the crop and fields were generally weedy, but during the past week the warm days have been industriously used by farmers to good advantage.

Not half of the tobacco crop has, at date, been planted. The plants are small but vigorous, and will be transplanted during the coming week. Sugar beets, in common with other field crops, have suffered from rains; fields are weedy and much hard work will be required to put the crop in good shape.

The great need of all crops now is warm dry weather. Dry weather would check the too rapid growth of grain, hasten the development of the corn plant, and enable the farmer to secure the marvelous crop of hay now ready to harvest.

The present is the "off year" for an apple crop—still reports indicate that for the non-bearing season the prospect is favorable for an average crop.

Small fruit promises well. The strawberry crop is large, and the markets are overerowed; while cherries, raspberries, currants and gooseberries are doing nicely.

I submit the tables showing the condition of the principal farm crops, based upon reports received from correspondents in the Central and Southern Divisions of the state; crops in the Northern Division, aside from grass and grain, not being sufficiently advanced upon which to base an intelligent estimate.

CENTRAL DIVISION.

Wheat—96; Rye—98; Oats—95; Barley—97; Meadows—105; Pastures—105; Corn—76; Potatoes—92.

SOUTHERN DIVISION.

Wheat—100; Rye—103; Oats—100; Barley—102; Meadows—106; Pastures—107; Corn—88; Potatoes—94.

THE WHOLE STATE.

Wheat—98; Rye—102; Oats—97; Barley—100; Meadows—106; Pastures—107; Corn—84; Potatoes—93.

JULY 15.

The month ending July 15 was especially notable for its number of rainy days, as much as for the excessive amount of rain that fell. The weather also was almost universally cold.

Nevertheless crops, as a whole, have made excellent growth since our last report, and are generally in a healthful, thriving condition.

The most discouraging feature of farm operations was the hindrance to securing the large hay crop, and the extensive loss of that which was cut, by continued rains, also the loss in value of the crop from the inability to secure it in its proper state of growth.

No good hay weather occurred in the Northern Division of the state before the 9th of the present month, and in the Central and Southern Divisions before the 12th. Up to this time about one-fourth of the tame hay crop of the State had been cut. Much of this was practically ruined, and very little of it was secured without decided loss. Much of the tame grass now standing, especially clover, is over ripe, and has lost a considerable percentage of its feeding value. Should the warm fair weather for the past few days continue for a week, much of the remaining crop will be secured, as its ripe condition enables it to be rapidly cured. Marshes are generally too wet for cutting, and with the loss of tame hay already met, there is no question but that good hay will bear satisfactory prices before another crop grows.

Conditions have been favorable for pastures and they are reported in excellent shape; live stock is thriving, and dairy interests continue to "boom."

Winter grains are now being cut, and the prospective yield is good.

There is little complaint of rust in spring grains,—the greatest danger being from over growth and lodging in oats.

Spring wheat is not as satisfactory a crop this season as winter wheat, which is fine.

Barley is ripening nicely, some fields having already been cut.

Notwithstanding the unfavorable outlook for corn last month,—and the absence of typical corn weather since, the crop has flourished remarkably, and is now close up to normal conditions. Early planted fields are already tasseling, and later fields growing rapidly. The outlook for this crop is now better than at same time of season in any of past three years.

The condition of the potato crop is not especially promising. Much seed has rotted, and the replanted fields are late and the stand uneven.

The reports from the "potato belt" of the State give a percentage of about 80.

Tobacco is usually small, but there is a good stand and the plants are growing rapidly.

The season has not been favorable for the cultivation of sugar beets, and much hand work has been necessary in weeding.

Peas have been injured by excessively rainy weather, and do not promise a full crop.

Small fruits now maturing are an excellent crop of good quality.

Apples are falling badly, and it is difficult to predict the extent and quality of crop at this time.

During the past month a severe hail and wind storm did extensive damage to crops, buildings, windmills, etc., in portions of Crawford, Grant, Iowa and Dane Counties, but the loss was not sufficient to materially affect crop percentages from those counties.

The following tables of percentages are the results of reports received from our correspondents:—

Southern Division.

Wheat	97	Rye	102
Oats	100	Barley	97
Pastures	105	Corn	91
Potatoes	80	Tobacco	98
Sugar beets	95	Peas	97
Apples	74	Small fruits	100

Central Division.

Wheat	94	Rye	98
Oats	96	Barley	96
Pastures	105	Corn	84
Potatoes	83	Tobacco	92
Sugar beets	85	Peas	80
Apples	70	Small fruits	96

Northern Division.

Wheat	90	Rye	91
Oats	98	Barley	92
Pastures	105	Corn	75
Potatoes	89	Tobacco	100
Sugar beets	85	Peas	98
Apples	50	Small fruits	98

 AUGUST 15.

Practically all of the small grain in the southern division of the state has been harvested, and much of it is already in stack. A large part of the oats now in shock will be threshed without stacking.

In the central and northern divisions, probably twenty per cent of the oat crop is not yet harvested, on account, largely, of continuous rains.

Some threshing has already been done, and both yield per

acre and quality of grain are generally satisfactory. This is especially true of the oat crop, which promises a large yield of heavy grain.

The hot weather of the past month has brought the corn crop forward remarkably, and the promise of a full crop in the southern division of the state is now excellent.

In the central and northern divisions the crop was very slow in starting, and in many localities has not yet reached the normal stage of growth for this time of the season, while western counties in these divisions report satisfactory conditions.

The matured crop as a whole, depends much upon the weather we may have in September, but August indications are better than for several years past.

Wisconsin's potato crop is not to equal that of 1904; but this in itself is not a matter of discouragement to the farmer, for last year's crop exceeded the demand, and much of it was sold at a loss.

Conditions have not been generally favorable for the potato crop this season. The stand is thin, the growth unsatisfactory, and many locations now report blight, liable to be followed by rot.

Tobacco has grown nicely during the past month, and harvesting of early fields has already begun. Much of the crop, however, is late, and will need some weeks' time for maturing.

Sugar beets are making a good growth, and promise a heavy yield.

Pastures continue to be excellent, and the second growth of grass upon meadows is unusually rank.

Apples have fallen badly, and not over one-half of a full crop will be harvested.

We estimate the present condition of growing crops in the state as a whole, as follows:

Corn	97
Potatoes	85
Pastures	101
Tobacco	93
Sugar Beets	95

Correspondents submit the following reports:

SOUTHERN DIVISION.

Corn	98½
Potatoes	81
Pastures	100
Tobacco	95
Sugar Beets	96
Apples	50

CENTRAL DIVISION.

Corn	91
Potatoes	89
Pastures	101
Tobacco }	90
Sugar Beets	95
Apples	50

NORTHERN DIVISION.

Corn	80
Potatoes	80
Pastures	102
Tobacco	100
Sugar Beets	100
Apples	50

On account of State Fair work, no report will be issued from this office for the month of September. In our October report we hope to give a close estimate of the yield per acre of the several grain crops of the state.

OCTOBER 15.

In making the report for this month, correspondents were asked to report: the estimated yield per acre of the grain, hay and tobacco crops harvested; the quality of these several grains upon a basis of 100, a high average quality being indicated by that number; their estimate of the extent and quality of the present corn crop upon the same basis; the estimated acreage

of corn siloed this season; the percentage of corn crop cut and shocked; and their estimate of what percentage of last year's potato crop the present crop may be.

In answer to inquiries sent out we have received replies from nearly every county in the state, and make the following statements based upon these reports.

Yield of crops per acre.

	Wheat.	Rye.	Barley.	Oats.	Tobacco.	Tame hay.
	Bu.	Bu.	Bu.	Bu.	Lbs.	Tons.
Southern division.	17	16½	35	45	1,400	1%
Central division.....	18	17½	30	40	1,200	1%
Northern division.....	16½	18	30	34	.....	1%
Average for state.....	17	17	34	42	1,400	1%

Quality of crop.

	Wheat.	Rye.	Barley.	Oats.	Tobacco.	Tame hay.
Southern division	92	98	90	100	97½	92
Central division.....	96	96	84	97	.....	90
Northern division	92	98	87	93	.....	98
Average for state.....	95	97	88	99	97½	91

ESTIMATED IMPORTANCE OF CORN CROP.

100 representing a high average condition.

Southern division—101; central division—96½; northern division—omitted; average for state—100.

It is estimated that nearly 12,000 acres of the corn crop has been siloed, and that 80% of the crop has been cut and shocked in excellent condition.

Special efforts have been made to reach a reliable estimate of the extent and quality of the potato crop, and we estimate that it will be little more than 50% of last year's yield.

The southern division of the state reports 53% of the crop of 1904; the central division 50% and the northern division 53%.

Our largest potato producing counties are located in the central division. The loss in crop is mainly attributable to blight, though several counties report more or less rot. As a general thing the quality of product is good, though the tubers are not large. The prospects are that this year's crop will be much more remunerative to the farmer than that of 1904.

Our final report for the season will be issued November 15th.

NOVEMBER 15.

In our report issued October 15th, we gave an estimate of the yield per acre of wheat, rye, barley, oats, tobacco and tame hay in the state for the past season.

The present report covers a like estimate of yield of corn, potatoes, sugar beets, buckwheat, beans and clover seed, and the farm prices for the several crops of the state.

We estimate the yield of corn per acre in the southern division of the state at 45 cents per bushel of shelled grain; in the central division at 37 bushels per acre. The quality of the crop is high, it being placed at 95,—100 representing No. 1.

The yield per acre of potatoes in the southern division is placed at 60 bushels, and in the remainder of the state at 70 bushels. The quality of the product is fair, being rated at 80 on a scale of 100.

For the whole state we estimate the yield of corn per acre at 42 bushels, and potatoes at 65 bushels.

Other yields are reported as follows: Sugar beets 12½ tons per acre; buckwheat, 17 bushels; beans, 12 bushels, and clover seed 1½ bushels.

The average farm prices of crops are estimated to be as follows:

Wheat	\$0.78 per bu.
Rye .....	.60 per bu.
Barley .....	.43 per bu.
Oats .....	.25 per bu.
Buckwheat .....	.55 per bu.
Clover seed	7.00 per bu.
Beans	1.75 per bu.

Potatoes	.57	per bu.
Corn	.42	per bu.
Tobacco	.10 $\frac{1}{2}$	per lb.
Sugar beets	4.70	per ton
Tame hay	7.25	per ton

In a large portion of the state, especially in the southern division, there is no surplus potato crop, but on the other hand a deficiency for home consumption. In the potato growing districts it is estimated that not more than one-third of the crop has been marketed, the balance being stored for higher prices, which will doubtless be realized.

Less than the usual amount of fall plowing has been done, and a large proportion of shocked corn is not yet husked.

No further crop reports will be issued from this office this season.

JOHN M. TRUE,
Secretary.

LIST OF CROP REPORTERS, 1905.

Adams County	Uri Morse, Big Spring. H. B. Metcalf, Kilbourn.
Barron County	A. H. Larson, Cumberland.
Brown County	Hon. C. G. Wilcox, De Pere. S. J. Shannon, Askeaton.
Bayfield County	A. R. Mead, Iron River.
Buffalo County	Alex Lees, Mondovi.
Burnett County	Robert C. Anderson, Branstad.
Calumet County	Hon. Geo. C. Breed, Chilton. John Gray, Hilbert.
Chippewa County	L. E. Scott, Stanley. Hon. Jos. Meloney, Bloomer. Hon. W. B. Bartlett, Eagle Point.
Clark County	Geo. A. Austin, Neillsville. Hon. William S. Irvine, Greenwood.
Columbia County	Hon. George Wylie, Morrisonville. Frank J. Lee, Randolph. M. W. Roberts, Pardeeville.
Crawford County	James Fisher, Eastman. Hon. A. Peterson, Soldiers Grove.
Dane County	W. L. Ames, Oregon. Hon. Nich. Anderson, Cambridge. T. D. Breerton, Lodi.
Dodge County	H. B. Drake, Beaver Dam. Hon. S. R. Webster, Danville.
Door County	L. P. Otteson, Washington Harbor.
Dunn County	Geo. Gallaway, Menomonie.
Eau Claire County.....	F. T. Meggett, Eau Claire. J. H. Paquet, Eau Claire.

Fond du Lac County	Geo. C. Hill, Rosendale. J. H. Dixon, Brandon.
Forest County	Hon. Egbert Wyman, Crandon.
Grant County	O. J. Arnold, Fennimore. Lincoln Abraham, Bloomington. N. E. France, Platteville.
Green County	Hon. John Luchsinger, Monroe. A. A. Ten Eyck, Brodhead.
Green Lake County	Dr. C. M. Willis, Berlin. H. A. Graham, Dartford.
Iowa County	Thomas Convey, Ridgeway. William Guy Ruggles, Ridgeway.
Iron County	R. S. Bennett, Saxon.
Jackson County	H. A. Bates, Sechlerville. F. B. Dell, Black River Falls.
Jefferson County	W. F. Stiles, Lake Mills.
Juneau County	Sam'l J. Thompson, Mauston. C. H. Johnson, Meadow Valley.
Kenosha County	E. W. Ripley, Salem. William C. Crosby, Kenosha.
Kewaunee County	Hon. William Rogers, Kewaunee.
La Crosse County	A. J. Philips, West Salem. E. E. Jones, Rockland.
La Fayette County	T. J. Van Matre, Mineral Point. R. E. Van Matre, Darlington. John March, Shullsburg.
Langlade County	Hon. John McGreer, Antigo.
Manitowoc County	F. A. Huebner, Manitowoc.
Marathon County	L. K. Wright, Wausau. Joseph McNeight, Unity.
Marquette County	John Hamilton, Westfield.
Milwaukee County	Hon. C. T. Fisher, Wauwatosa.
Monroe County	E. E. Wyatt, Tomah. J. L. Herbst, Sparta. J. J. Menn, Norwalk.
Oconto County	David Wedgwood, Little Suamico.
Oneida County	John Hess, Rhinelander.
Outagamie County	Hon. Charles Clack, Appleton. H. M. Culbertson, Dale.
Ozaukee County	Jacob Dietrich, Cedarburg.

Pepin County	Hon. S. F. Plummer, Arkānsaw. Geo. L. Howard, Durand.
Pierce County	L. Spalding, River Falls. Isaac Isaacson, Spring Valley.
Polk County	C. W. Monty, St. Croix Falls.
Portage County	Hon. Fred J. Frost, Almond. A. J. Smith, Amherst.
Racine County	Delbert Utter, Caldwell. W. J. Moyle, Union Grove.
Richland County	C. A. Hatcū, Richland Center. J. M. Clark, Viola.
Rock County	Hon. H. C. Taylor, Orfordville. Clayton E. Fisher, Evansville. William M. Ross, Janesville.
St. Croix County	W. C. Bradley, Hudson.
Sauk County	James R. Carpenter, Prairie du Sac.
Sheboygan County	Henry Waterman, Plymouth.
Taylor County	G. W. Adams, Medford.
Trempealeau County	Hon. Alex A. Arnold, Galesville. F. A. George, Osseo.
Vernon County	F. W. Alexander, Viroqua. F. P. Bean, Red Mound. Ed Hammer, Hiusboro.
Vilas County	L. J. Cook, Eagle River.
Walworth County	H. A. Briggs, Elkhorn.
Washburn County	George W. Harmon, Spooner. D. H. Welch, Minong.
Washington County	Hon. L. D. Guth, Kewaskum. Hon. Geo. W. Jones, West Bend.
Waukesha County	Daniel Williams, Oconomowoc. W. H. Edwards, Pewaukee.
Waupaca County	Albert Smith, Weyauwega. D. F. Burnham, Waupaca.
Waushara County	H. B. Fairbank, Plainfield.
Winnebago County	Dr. T. E. Loope, Eureka. Geo. G. Jones, Neenah.
Wood County	Walter A. Woodford, Marshfield.

CROP AND LIVE STOCK STATISTICS.

STATEMENT OF CROPS GROWN IN 1904.

COUNTIES.	NUMBER OF BUSHELS.				
	Wheat.	Corn.	Oats.	Barley.	Rye.
Adams	9,196	371,447	223,005	3,186	148,145
Ashland	1,661	.....	46,214	4,095	762
Barron	47,568	47,552	946,213	71,742	18,475
Bayfield	35	.....	7,298	150	.....
Brown	77,920	31,536	1,007,966	204,247	127,374
Buffalo	116,786	569,792	1,570,805	393,167	29,656
Burnett	36,538	30,142	148,842	5,454	6,677
Calumet	38,268	133,745	613,971	862,462	16,428
Chippewa	31,550	199,454	1,559,762	44,477	23,711
Clark	23,751	59,519	864,469	60,092	22,920
Columbia	39,230	1,431,261	1,897,658	331,016	121,320
Crawford	26,294	531,446	668,519	47,623	21,326
Dane	32,577	2,831,693	4,017,187	478,780	64,762
Dodge	139,011	1,287,542	1,713,576	2,294,788	25,183
Door	88,746	3,005	305,101	84,080	85,003
Douglas	602	100	18,163	350	675
Dunn	48,376	571,910	1,789,571	112,855	51,005
Eau Claire	42,908	34,944	1,406,203	165,303	53,431
Florence	266	20	29,320	1,792	124
Fond du Lac	33,795	580,095	1,755,102	1,932,346	12,167
Forest	223	30	5,323	150	.....
Gates	657	10,896	32,456	3,429	961
Grant	18,468	2,137,962	1,955,632	168,967	37,665
Green	3,560	1,412,982	935,033	114,189	37,729
Green Lake	27,119	710,400	796,789	262,025	74,128
Iowa	17,530	1,007,488	1,387,167	80,307	57,173
Iron	796	.....	6,820	332	.....
Jackson	61,503	289,581	1,359,648	64,989	53,359
Jefferson	51,910	1,357,207	1,306,729	390,394	65,510
Juneau	22,896	255,134	724,158	51,756	54,081
Kenosha	4,468	475,865	471,856	27,396	12,452
Kewaunee	111,415	1,012	417,919	180,694	81,360
La Crosse	40,086	538,280	866,401	215,159	33,800
La Fayette	4,070	1,655,802	1,146,871	90,077	11,472
Langlade	14,852	1,785	230,760	31,508	5,621
Lincoln	4,371	95	138,816	13,755	1,754

STATEMENT OF CROPS GROWN IN 1904—continued.

COUNTIES.	NUMBER OF BUSHELS.				
	Wheat.	Corn.	Oats.	Barley.	Rye.
Manitowoc	69,926	24,303	864,790	700,733	162,542
Marathon	74,160	20,655	987,675	125,850	62,585
Marinette	12,399	12,191	141,217	16,500	8,685
Marquette	12,843	410,940	285,246	1,382	170,136
Milwaukee	13,871	191,596	469,140	168,111	39,030
Monroe	76,852	457,074	1,465,703	147,187	58,511
Oconto	39,814	41,536	399,760	61,182	22,506
Oneida	1,232	21	37,033	3,261	455
Outagamie	18,239	357,369	1,448,092	518,220	28,019
Ozaukee	25,230	97,195	520,770	652,824	30,097
Pepin	24,780	234,454	456,432	257,762	19,549
Pierce	60,837	295,835	1,683,521	809,410	66,467
Polk	45,032	119,879	1,202,031	97,434	17,983
Portage	11,568	413,979	724,988	6,341	156,731
Price	667	40	27,499	2,209	851
Racine	9,703	325,882	724,968	77,440	27,403
Richland	21,294	871,303	574,182	101,449	33,786
Rock	6,306	2,219,609	1,187,409	708,927	121,107
St. Croix	50,613	261,383	2,560,063	416,270	81,066
Sauk	51,671	1,053,254	1,758,314	154,038	145,479
Sawyer	721	520	16,720	666	88
Shawano	90,209	135,251	704,549	146,263	47,924
Sheboygan	26,657	387,869	1,224,569	1,058,393	85,375
Taylor	5,680	413	119,336	9,020	5,262
Trempealeau	126,943	433,553	2,274,184	188,418	59,681
Vernon	70,700	524,997	1,355,557	161,637	6,726
Vilas	50	210	12,750	20	1,350
Walworth	6,188	2,048,975	1,100,704	502,518	38,937
Washburn	4,922	12,857	55,637	4,215	2,099
Washington	54,109	428,616	794,409	1,256,906	41,968
Waukesha	36,960	676,953	1,199,122	482,684	106,341
Waupaca	32,647	268,952	914,244	82,650	90,462
Waushara	9,974	499,716	438,075	16,046	168,816
Winnebago	34,510	432,617	1,166,967	446,162	12,559
Wood	11,393	74,228	357,371	48,514	51,871
Total	2,357,702	32,403,927	61,624,350	18,223,742	3,328,656

STATEMENT OF CROPS GROWN IN 1904—continued.

COUNTIES.	NUMBER OF BUSHELS.		
	Flax seed.	Potatoes.	Roots other than sugar beets.
Adams		1,137,767	250
Ashland		52,669	3,508
Barron	825	522,864	51,495
Bayfield		27,004	908
Brown	81	265,847	67,015
Buffalo	477	106,623	2,902
Burnett	413	163,653	13,362
Calumet	158	74,881	3,420
Chippewa	48	646,550	6,384
Clark	528	197,391	11,413
Columbia	140	1,192,371	2,945
Crawford		72,220	936
Dane		352,923	6,420
Dodge	966	338,443	4,394
Door	217	210,064	19,176
Douglas		42,422	4,705
Dunn	136	3,292	5,036
Eau Claire	74	324,873	
Florence		36,595	11,964
Fond du Lac	993	490,260	01,255
Forest		13,645	10,623
Gates		34,744	3,901
Grant	47	263,587	
Green		86,466	1,225
Green Lake	730	246,040	503
Iowa	500	106,754	823
Iron		17,846	580
Jackson	247	190,634	5,845
Jefferson		152,656	5,200
Juneau	34	721,597	1,360
Kenosha	565	79,605	55
Kewaunee	388	87,489	3,005
La Crosse		123,947	5,120
Lafayette		103,252	
Langlade		101,595	23,159
Lincoln		77,648	8,347
Manitowoc	714	127,588	10,660
Marathon	491	409,690	14,370
Marinette	35	155,298	16,431
Marquette		521,030	775
Milwaukee	243	477,140	63,990
Monroe	48	274,315	11,430
Oconto	59	174,767	27,729

STATEMENT OF CROPS GROWN IN 1904—continued.

COUNTIES.	NUMBER OF BUSHELS.		
	Flax seed.	Potatoes.	Roots other than sugar beets.
Oneida		72,830	7,281
Outagamie	159	369,543	33,935
Ozaukee	89	200,593	.....
Pepin		38,466	645
Pierce	12,194	106,516	8,417
Polk	937	141,868	12,840
Portage	11	2,993,885	1,920
Price		38,968	4,446
Racine	1,633	222,492	18,990
Richland	29	93,864	665
Rock		281,414	2,790
St. Croix	70,012	134,439	7,925
Sauk	20	1,164,406	5,093
Sawyer		28,626	3,242
Shawano	227	338,696	14,251
Sheboygan	418	272,579	38,550
Taylor		65,178	2,293
Trempealeau	304	141,841	300
Vernon		141,101	3,577
Vilas		6,266	800
Walworth	376	162,897	75
Washburn		58,703	11,367
Washington	62	359,617	12,390
Waukesha		575,814	17,350
Waupaca	43	2,140,784	1,805
Waushara		2,209,682	782
Winnebago	380	271,138	7,980
Wood	34	270,166	11,706
Total	96,085	23,708,418	673,035

STATEMENT OF CROPS GROWN IN 1904—continued.

COUNTIES.	NUMBER OF BUSHELS.		
	Cranberries.	Apples.	Strawberri's
Adams		1,749	218
Ashland		18	160
Barron		603	1,886
Bayfield		63	625
Brown		25,669	5,616
Buffalo		5,095	1,065
Burnett	489	35	89
Calumet		32,610	544
Chippewa		6,252	3,355
Clark	5	1,771	345
Columbia		29,364	2,147
Crawford		20,673	963
Dane		32,773	6,124
Dodge		28,251	2,456
Door	31	293,778	1,673
Douglas		65	180
Dunn		2,021	10,956
Eau Claire		10,078	28,234
Florence		1,254	25
Fond du Lac		49,946	1,976
Forest			23
Gates		146	959
Grant	5	28,637	1,675
Green		14,513	320
Green Lake		6,435	732
Iowa		12,915	163
Iron			
Jackson	4,214	5,046	4,641
Jefferson		22,413	579
Juneau	24	12,778	395
Kenosha		58,937	1,597
Kewaunee		26,699	249
La Crosse		19,951	6,245
La Fayette		5,496	377
Langlade		24	3,501
Lincoln		268	227
Manitowoc		58,913	1,231
Marathon	26	3,320	1,975
Marinette		7,111	49
Marquette	16	6,538	380
Milwaukee		112,986	8,495
Monroe	1,774	23,800	22,665
Oconto	6	24,164	743
Oneida		9	452
Outagamie		38,887	710

STATEMENT OF CROPS GROWN IN 1904—continued.

COUNTIES.	NUMBER OF BUSHELS.		
	Cranberries.	Apples.	Strawberri's
Ozaukee		59,005	.....
Pepin		2,330	345
Pierce		5,559	257
Polk	40	143	319
Portage		2,753	328
Price		225	17
Racine		69,572	3,712
Richland		45,439	1,004
Rock		20,088	3,192
St. Croix		999	1,675
Sauk		49,112	3,159
Sawyer .....		.....	84
Shawano		12,640	1,021
Sheboygan		123,123	3,809
Taylor .....		.....	.....
Trempealeau		11,488	980
Vernon		42,879	363
Vilas .....		.....	12
Walworth		465,468	379
Washburn	125	26	997
Washington		78,743	513
Waukesha	4	85,502	10,327
Waupaca	150	23,444	336
Waushara	15,978	14,046	237
Winnebago	1,320	51,484	232
Wood	8,042	1,203	1,227
Total	32,249	2,197,325	163,541

STATEMENT OF CROPS GROWN IN 1904—continued.

Counties.	NUMBER OF BUSHELS.		
	Rasp-berries.	Black-berries.	Currants.
Adams	20		
Ashland			
Barron	78	12	
Bayfield			1
Brown	219	5	331
Buffalo	1,413	30	
Burnett			16
Calumet	110	2	48
Chippewa	564	33	
Clark	8		11
Columbia	232	10	31
Crawford	170	54	
Dane	574	62	119
Dodge	646	80	13
Door	231		2
Douglas			
Dunn	227	100	3
Eau Claire	2,420	215	35
Florence			
Fond du Lac	188	13	139
Forest			
Gates			
Grant	529	223	9
Green	324	80	44
Green Lake	100	1	1
Iowa	2		10
Iron			
Jackson	863	232	138
Jefferson	1,008	105	34
Juneau	21	20	20
Kenosha			
Kewaunee	365	15	11
La Crosse	1,121	602	10
La Fayette	260	10	
Langlade			
Lincoln			5
Manitowoc	196	5	5
Marathon			16
Marinette			
Marquette	49		10
Milwaukee	282		1,613
Monroe	3,951	2,887	5
Oconto	27		16
Oneida	11		5
Outagamie	363	406	6

STATEMENT OF CROPS GROWN IN 1904—continued.

Counties.	NUMBER OF BUSHELS.		
	Rasp-berries.	Black-berries.	Currants.
Ozaukee			
Pepin	128	12	
Pierce	269	19	1
Polk	45	8	11
Portage	257	12	
Price			3
Racine			10
Richland	436	711	25
Rock	337	11	337
St. Croix	1,919		80
Sauk	716	276	53
Sawyer			
Shawano	20	102	20
Sheboygan	424	6	109
Taylor			
Trempealeau	114	3	5
Vernon	190	110	
Vilas	8		
Walworth	89	31	38
Washburn	32		4
Washington	190	4	140
Waukesha	657	48	118
Waupaca	25		
Waushara	74		3
Winnebago	1,708	50	181
Wood	21	23	9
Total	24,231	6,628	4,353

STATEMENT OF CROPS GROWN IN 1904—continued.

Counties.	NUMBER OF BUSHELS.		
	Grapes.	Clover seed.	Timothy seed.
Adams		5,167	226
Ashland			
Barron		765	528
Bayfield			
Brown	65	3,059	143
Buffalo	6,272	1,568	2,677
Burnett		240	90
Calumet	12	13,024	148
Chippewa		577	360
Clark		53	226
Columbia	65	1,146	10,110
Crawford	900	270	612
Dane	120	694	3,068
Dodge	26	4,058	850
Door	10	506	169
Douglas			
Dunn		1,548	964
Eau Claire		3,358	1,473
Florence			
Fond du Lac		4,162	820
Forest			
Gates			
Grant	1,150	214	5,000
Green		76	509
Green Lake	100	2,091	2,722
Iowa		36	1,208
Iron			
Jackson	33	2,757	443
Jefferson	158	524	192
Juneau	20	7,044	395
Kenosha	3	139	173
Kewaunee		5,497	151
La Crosse	763	814	788
La Fayette		82	2,336
Langlade			
Lincoln			
Manitowoc	30	12,603	228
Marathon		145	180
Marinette		30	889
Marquette		6,567	34
Milwaukee	50	540	2
Monroe	5	2,038	467
Oconto		961	62
Oneida			
Outagamie	6	756	511

STATEMENT OF CROPS GROWN IN 1904—continued.

Counties.	NUMBER OF BUSHELS.		
	Grapes.	Clover seed.	Timothy seed.
Ozaukee		5,319	805
Pepin	35	1,083	52
Pierce		303	1,278
Polk	3	42	359
Portage		680	1,213
Price			
Racine		283	409
Richland	176	89	1,206
Rock	35	184	7,268
St. Croix		99	2,844
Sauk	83	795	450
Sawyer			25
Shawano	1	2,333	85
Sheboygan	22	4,010	599
Taylor			
Trempealeau	70	4,062	3,213
Vernon	38	1,111	1,544
Vilas			
Walworth	12	137	2,138
Washburn	3	37	
Washington		13,232	278
Waukesha	10	496	667
Waupaca		971	199
Waushara		5,111	684
Winnebago	69	1,218	706
Wood	20	248	28
Total	10,365	124,948	64,801

STATEMENT OF CROPS GROWN IN 1904—continued.

COUNTIES.	NUMBER OF TONS.		NUMBER OF POUNDS.		
	Sugar beets.	Cultivat'd grasses.	Flax fiber.	Hops.	Tobacco.
Adams		13,039			7,000
Ashland		8,384			
Barron	734	155,110	6		22,556
Bayfield		4,812			
Brown	2,908	56,062			
Buffalo		42,847			28,500
Burnett		10,745			
Calumet	668	33,978			
Chippewa	8,006	56,862			139,603
Clark	624	69,621	12		2,500
Columbia	8,528	38,220		2,600	2,440,915
Crawford		38,108			2,071,309
Dane	323,660	179,674			13,643,406
Dodge	188	60,441			5,200
Door	991	35,885			1,770
Douglas		8,089			
Dunn	699	46,604			203,386
Eau Claire	13,908	41,582			21,200
Florence	100	3,802			
Fond du Lac	1,932	59,549			
Forest	5	1,337			
Gates					
Grant		74,583		1,339,035	128,500
Green		55,874			
Green Lake	169	13,763			
Iowa	20	67,402			
Iron		2,358			
Jackson		33,161			228,080
Jefferson	1,589	38,513			307,450
Juneau		24,351		7,125	196,385
Kenosha	55	27,640	10,000		
Kewaunee	148	45,145	10		262
La Crosse		37,551			227,570
La Fayette	51	67,988			
Langlade		18,804			
Lincoln		26,292		16,025	
Manitowoc	417	33,012			
Marathon	135	79,350			
Marinette		13,511			
Marquette		7,945			505
Milwaukee	3,449	39,103	9		
Monroe		62,714		4,000	588,794
Oconto	1,872	34,182			1,000
Oneida		4,673			
Outagamie	1,609	53,444			

STATEMENT OF CROPS GROWN IN 1904—continued.

COUNTIES.	NUMBER OF TONS.		NUMBER OF POUNDS.		
	Sugar beets.	Cultivat'd grasses.	Flax fiber.	Hops.	Tobacco.
Ozaukee	703	30,756	.....	.....	.....
Pepin .....	.....	9,651	.....	.....	.....
Pierce .....	.....	72,985	.....	.....	20,600
Polk	500	43,352	.....	.....	.....
Portage	2	34,492	.....	12,100	.....
Price	127	9,161	.....	.....	.....
Racine	364	36,002	.....	.....	.....
Richland .....	.....	59,336	.....	.....	334,926
Rock	59,590	57,669	.....	.....	4,737,350
St. Croix .....	.....	50,240	419,200	.....	4,500
Sauk .....	.....	51,975	.....	.....	900
Sawyer .....	.....	2,905	.....	.....	.....
Shawano	71	50,135	.....	145,164	10
Sheboygan .....	.....	64,206	.....	.....	.....
Taylor .....	.....	10,579	.....	.....	.....
Trempealeau	38	58,174	.....	.....	178,250
Vernon	23	61,438	.....	.....	5,734,804
Vilas .....	.....	384	.....	.....	.....
Walworth	199	52,615	3,308	.....	6,897
Washburn	78	5,154	.....	.....	21
Washington	3,033	37,446	.....	.....	.....
Waukesha	4,861	58,434	.....	.....	.....
Waupaca	82	45,675	.....	.....	.....
Waushara .....	.....	30,395	.....	.....	.....
Winnebago	562	49,491	2,426	.....	.....
Wood	150	31,016	.....	.....	.....
Total	442,848	2,889,274	434,971	1,526,049	31,284,149

STATEMENT OF CROPS GROWN IN 1904—continued.

COUNTIES.	ACRES HARVESTED FOR SEED.	
	Clover.	Timothy.
Adams	4,248	86
Ashland		
Barron	309	66
Bayfield		
Brown	1,466	58
Buffalo	1,131	442
Burnett	83	11
Calumet	6,135	45
Chippewa	339	79
Clark	136	61
Columbia	1,449	1,472
Crawford	63	211
Dane	333	455
Dodge	2,398	275
Door	307	50
Douglas		
Dunn	1,196	502
Eau Claire	2,697	766
Florence		
Fond du Lac	791	202
Forest		
Gates		
Grant	189	868
Green	30	32
Green Lake	1,556	461
Iowa	43	199
Iron		
Jackson	2,483	161
Jefferson	210	43
Juneau	4,070	93
Kenosha	93	52
Kewaunee	2,064	397
La Crosse	559	146
Lafayette	28	410
Langlade		
Lincoln		9
Manitowoc	6,309	338
Marathon	130	110
Marinette		
Marquette	4,771	191
Milwaukee	292	
Monroe	1,114	107
Oconto	576	13
Oneida		156
Outagamie	368	89

STATEMENT OF CROPS GROWN IN 1904.—continued.

COUNTIES.	ACRES HARVESTED FOR SEED.	
	Clover.	Timothy.
Ozaukee	2,270	128
Pepin	530	9
Pierce	223	183
Polk		17
Portage	2,291	445
Price	53	51
Racine	232	81
Richland	65	244
Rock	127	1,233
St. Croix	21	415
Sauk	821	72
Sawyer		
Shawano	1,018	7
Sheboygan	1,746	124
Taylor		
Trempealeau	3,039	892
Vernon	501	387
Vilas		
Walworth	188	223
Washburn	65	
Washington	4,980	81
Waukesha	200	73
Waupaca	870	32
Waushara	4,956	196
Winnebago	559	127
Wood	85	11
Total	72,796	13,685

STATEMENT OF ACREAGE OF CROPS, AND NUMBER AND VALUE OF LIVE STOCK, 1905.

COUNTIES.	NUMBER OF ACRES.				
	Wheat.	Corn.	Oats.	Barley.	Rye.
Adams	1,273	20,970	10,758	597	20,693
Ashland	122	10	1,842	203	50
Barron	3,807	3,318	28,424	4,162	964
Bayfield	1	6	262	4,162	964
Brown	7,338	4,743	40,868	10,453	8,147
Buffalo	10,186	21,788	49,285	17,949	3,113
Burnett	2,930	3,224	5,887	255	785
Calumet	3,338	5,965	20,260	32,221	2,318
Chippewa	2,456	11,197	49,927	2,289	2,068
Clark	3,434	5,282	26,571	4,218	1,766
Columbia	3,617	58,129	57,622	14,599	11,128
Crawford	4,105	22,703	28,465	3,417	1,406
Dane	2,973	101,390	105,877	24,345	5,170
Dodge	9,874	40,525	59,148	83,539	2,066
Door	7,357	722	13,696	3,778	7,144
Douglas	131	139	951	2	10
Dunn	4,364	22,665	53,550	5,493	4,610
Eau Claire	5,764	13,870	45,756	5,501	5,776
Florence	40	5	872	51	18
Fond du Lac.....	3,548	33,437	60,361	68,862	1,383
Forest	22	.....	173	9	.....
Gates	105	221	1,505	227	54
Grant	2,281	70,227	66,237	9,240	3,383
Green	463	54,876	38,194	10,665	3,878
Green Lake.....	2,621	20,435	27,367	6,402	6,042
Iowa	1,806	40,003	50,270	5,612	6,576
Iron	60	.....	602	69	11
Jackson	7,502	13,541	41,781	5,205	5,449
Jefferson	4,665	36,836	40,503	13,799	5,727
Juneau	2,455	15,902	25,503	2,442	6,911
Kenosha	478	21,329	18,841	1,962	2,049
Kewaunee	10,401	617	17,562	7,862	7,639
La Crosse	3,820	17,993	27,390	8,946	3,692
Lafayette	387	59,195	42,358	7,321	901
Langlade	886	74	7,374	1,321	293
Lincoln	290	27	4,745	755	159
Manitowoc	7,851	2,080	37,493	31,604	11,899
Marathon	4,577	1,047	3,150	6,168	2,807
Marinette	764	1,149	8,289	238	771
Marquette	1,233	15,497	10,336	181	16,238
Milwaukee	949	6,343	13,208	5,011	2,651
Monroe	7,091	18,775	47,254	6,918	5,370
Oconto	3,188	3,102	18,689	2,086	2,175
Oneida	78	61	1,831	99	80
Outagamie	1,331	18,650	49,464	21,861	2,868

STATEMENT OF ACREAGE OF CROPS, AND NUMBER AND VALUE OF LIVE STOCK, 1905—continued.

COUNTIES.	NUMBER OF ACRES.				
	Wheat.	Corn.	Oats.	Barley.	Rye.
Ozaukee	1,893	4,529	16,061	23,244	2,196
Pepin	2,997	9,103	12,997	8,981	2,379
Pierce	6,158	13,145	45,398	29,337	3,890
Polk	4,821	7,289	35,205	4,651	1,122
Portage	1,002	14,994	33,287	343	16,007
Price	41	24	1,056	96	32
Racine	950	23,731	23,839	4,438	2,323
Richland	2,581	26,624	20,996	6,426	2,638
Rock	457	83,813	48,800	28,683	11,094
St. Croix	6,401	14,573	81,415	16,303	5,073
Sauk	6,321	43,116	54,948	6,898	10,659
Sawyer	70	65	875	35	32
Shawano	7,350	5,297	26,275	7,112	4,235
Sheboygan	2,466	14,298	36,716	38,818	6,320
Taylor	349	20	8,021	508	377
Trempealeau	9,801	16,085	66,893	7,916	3,815
Vernon	7,068	22,393	47,632	8,421	721
Vilas		20	380		64
Walworth	703	94,908	34,983	21,925	3,983
Washburn	430	1,179	3,031	310	255
Washington	4,653	13,059	26,725	43,489	4,629
Waukesha	3,141	29,912	3,834	18,628	9,016
Waupaca	2,891	15,324	30,606	4,378	7,640
Waushara	1,071	23,191	26,674	660	18,468
Winnebago	2,919	19,001	38,596	18,635	1,437
Wood	1,000	4,075	13,530	2,617	4,973
Total	219,493	1,287,833	1,999,448	740,802	299,613

STATEMENT OF ACREAGE OF CROPS, AND NUMBER AND VALUE OF LIVE STOCK, 1905—continued.

COUNTIES.	NUMBER OF ACRES.			
	Flax seed.	Potatoes.	Sugar beets.	Other root crops.
Adams		9,624		3
Ashland		489		61
Barron	333	6,066	371	144
Bayfield		301	1	29
Brown	108	2,294	605	397
Buffalo	50	933		16
Burnett	21	2,342	15	59
Calumet	15	699	83	7
Chippewa	20	5,846	1,542	14
Clark	2	1,943	217	24
Columbia	15	8,532	131	19
Crawford		1,022	33	21
Dane	3	3,903	2,275	21
Dodge	145	2,637	81	10
Door	8	1,523	175	45
Douglas		487		127
Dunn	77	4,416	189	11
Eau Claire	36	2,468	68	
Florence		239	6	42
Fond du Lac	32	4,881	101	121
Forest		105	2	37
Gates		412	1	28
Grant	10	2,547		
Green		937		94
Green Lake	39	1,875	5	22
Iowa	20	965	1	5
Iron		724		
Jackson	47	2,060	19	20
Jefferson		1,373	126	13
Juneau	2	7,096		5
Kenosha	102	831	1	
Kewaunee	14	1,043	41	80
La Crosse		1,289		20
Lafayette		1,111	7	1
Langlade		845		123
Lincoln		786		59
Manitowoc	28	2,076	57	41
Marathon	11	5,680	36	65
Marinette		1,656		303
Marquette		4,109		4
Milwaukee	5	5,246	266	599
Monroe	10	2,533	6	45
Oconto	2	1,830	253	163
Oneida		768	2	81

STATEMENT OF ACREAGE OF CROPS, AND NUMBER AND VALUE OF LIVE STOCK, 1905—continued.

COUNTIES.	NUMBER OF ACRES.			
	Flax seed.	Potatoes.	Sugar beets.	Other root crops.
Outagamie	25	3,392	313	141
Ozaukee	6	1,852	62	17
Pepin	12	398		
Pierce	1,314	1,239		21
Polk	342	2,107	24	38
Portage	18	25,985	5	6
Price		533	2	52
Racine	375	2,295	97	76
Richland	10	835		271
Rock		2,688	3,027	15
St. Croix	7,233	2,048	30	28
Sauk	5	8,348	9	37
Sawyer		267		26
Shawano	9	4,446	102	28
Sheboygan	12	2,627	67	68
Taylor		552		23
Trempealeau	15	1,485	5	
Vernon		1,770	17	21
Vilas		260		25
Walworth	253	1,412	67	3
Washburn	2	756	21	108
Washington		2,570	285	18
Waukesha	2	14,515	517	36
Waupaca	5	16,130	90	3
Waushara		17,999		3
Winnebago	66	2,244	91	20
Wood	3	3,492	39	23
Total	10,860	230,790	11,583	4,086

STATEMENT OF ACREAGE OF CROPS, AND NUMBER AND VALUE OF LIVE STOCK, 1905—continued.

COUNTIES.	NUMBER OF ACRES.		
	Cranberries.	Apple orchard.	No. of growing apple trees.
Adams		83	3,563
Ashland		7	403
Barron	17	16	1,573
Bayfield		23	91
Brown	1	723	27,009
Buffalo		138	6,986
Burnett	16	9	3
Calumet		801	30,951
Chippewa		145	4,211
Clark		58	2,933
Columbia		1,165	36,510
Crawford		799	33,572
Dane		1,602	49,456
Dodge		1,167	43,155
Door		1,066	43,463
Douglas		20	250
Dunn		99	5,145
Eau Claire		173	9,190
Florence		13	946
Fond du Lac		1,804	13,932
Forest		3	22
Gates		16	298
Grant		1,165	36,791
Green		595	21,974
Green Lake		402	15,413
Iowa		477	17,813
Iron			
Jackson	262	84	4,842
Jefferson		845	24,518
Juneau		247	9,056
Kenosha		1,322	34,079
Kewaunee		906	41,728
La Crosse		423	23,909
Lafayette		289	9,612
Langlade	2	17	521
Lincoln		18	301
Manitowoc		1,364	63,647
Marathon		152	9,700
Marinette		195	9,965
Marquette	20	453	9,066
Milwaukee		1,857	49,882
Monroe	61	458	16,351
Oconto		598	22,397
Oneida			110
Outagamie		673	32,819

STATEMENT OF ACREAGE OF CROPS, AND NUMBER AND VALUE OF LIVE STOCK, 1905—continued.

COUNTIES.	NUMBER OF ACRES.		
	Cranberries.	Apple orchard.	No. of growing apple trees.
Ozaukee		976	38,474
Pepin		306	4,478
Pierce		202	8,811
Polk	1	8	670
Portage		89	4,584
Price		13	358
Racine		1,515	36,101
Richland	11	1,174	49,576
Rock		961	25,837
St. Croix		298	1,815
Sauk		1,036	46,067
Sawyer		1	.....
Shawano		741	64,495
Sheboygan		2,755	93,859
Taylor		5	230
Trempealeau		140	8,235
Vernon		1,039	51,600
Vilas .....			.....
Walworth		1,631	34,009
Washburn	11	12	1,105
Washington		1,857	54,537
Waukesha		2,278	63,796
Waupaca		363	22,186
Waushara	664	315	22,169
Winnebago	2	1,181	56,150
Wood	754	42	2,137
Total	1,822	41,404	1,459,435

STATEMENT OF ACREAGE OF CROPS, AND NUMBER AND VALUE OF LIVE STOCK, 1905—continued.

COUNTIES.	NUMBER OF ACRES.			
	Straw-berries.	Rasp-berries.	Black-berries.	Currants.
Adams	3			
Ashland	3			2
Barron	220	12	3	
Bayfield	7			
Brown	37	11	3	6
Buffalo	12	2	1	
Burnett	18	2		1
Calumet	7	3	1	2
Chippewa	38	12		
Clark	8	7	1	
Columbia	53	7	2	1
Crawford	21	10	6	3
Dane	25	25	3	1
Dodge	30	10	4	
Door	15	3		
Douglas	3			
Dunn	30	1		
Eau Claire	139	67	16	2
Florence	1			
Fond du Lac	10	5		2
Forest	1			
Gates	7			
Grant	12	12	6	2
Green	13	9	2	1
Green Lake	9	3		
Iowa	3			
Iron				
Jackson	927	24	7	4
Jefferson	12	3	1	
Juneau	20	6	1	1
Kenosha	21	21		22
Kewaunee	5	4	7	
La Crosse	133	25	16	
Lafayette	3	3		
Langlade	10	2	1	
Lincoln	12			1
Manitowoc	13	4	3	
Marathon	54			2
Marinette	2			
Marquette	14	18	2	
Milwaukee	262	4	2	24
Monroe	443	87	53	1
Oconto	19	1		
Oneida	9			
Outagamie	17	11	10	

STATEMENT OF ACREAGE OF CROPS, AND NUMBER AND VALUE OF LIVE STOCK, 1905—continued.

COUNTIES.	NUMBER OF ACRES.			
	Straw-berries.	Rasp-berries.	Black-berries.	Currants.
Ozaukee				
Pepin	7	4	1	
Pierce	9	5	3	
Polk	2	2		
Portage	28	8		
Price	3			
Racine	55			
Richland	26	15	4	2
Rock	50	25	1	8
St. Croix	20	5		4
Sauk	40	31	11	1
Sawyer	1			
Shawano	6		1	
Sheboygan	46	13	2	1
Taylor	2			
Trempealeau	16	2	1	1
Vernon	17	8	6	1
Vilas				
Walworth	2	2	1	1
Washburn	26	6	1	
Washington	5	3		1
Waukesha	57	13		3
Waupaca	3			
Waushara	14	2		
Winnebago	28	13		1
Wood	24	2	1	
Total	3,180	570	183	98

STATEMENT OF ACREAGE OF CROPS, AND NUMBER AND VALUE OF LIVE STOCK, 1905—continued.

COUNTIES.	NUMBER OF ACRES.			
	Grapes.	Flax.	Hops.	Tobacco.
Adams				9
Ashland				
Barron				51
Bayfield				
Brown	1			
Buffalo	7			25
Burnett				
Calumet				
Chippewa				93
Clark				6
Columbia	1		11	2,442
Crawford				1,737
Dane	3			12,925
Dodge				2,664
Door				2
Douglas				
Dunn		82		74
Eau Claire				29
Florence				
Fond du Lac				
Forest				
Gates				
Grant	24	1		129
Green				170
Green Lake	5		4	
Iowa				
Iron				
Jackson	2			258
Jefferson	7	1		251
Juneau	4		32	202
Kenosha	31	5		
Kewaunee	2	14		1
La Crosse	15			126
La Fayette				
Langlade				
Lincoln				
Manitowoc				
Marathon				
Marinette				
Marquette				
Milwaukee	5			
Monroe	3		8	562
Oconto				5
Oneida				
Outagamie	1			

STATEMENT OF ACREAGE OF CROPS, AND NUMBER AND
VALUE OF LIVE STOCK, 1905—continued.

COUNTIES.	NUMBER OF ACRES.			
	Grapes.	Flax.	Hops.	Tobacco.
Ozaukee				
Pepin	1			
Pierce		8		17
Polk				
Portage				
Price				
Racine				
Richland	7			342
Rock	1			5,081
St. Croix				
Sauk	2			8
Sawyer				
Shawano				
Sheboygan				
Taylor				
Trempealeau	1			215
Vernon	4			5,519
Vilas				
Walworth	2			1
Washburn				
Washington				
Waukesha	2			10
Waupaca				
Waushara				
Winnebago				
Wood				
Total	132	111	55	32,951

STATEMENT OF ACREAGE OF CROPS, AND NUMBER AND VALUE OF LIVE STOCK, 1905—continued.

COUNTIES.	NUMBER OF ACRES.	
	Cultivated grasses.	Growing timber.
Adams	15,918	53,106
Ashland	6,140	3,363
Barron	37,607	24,690
Bayfield	3,830	21,011
Brown	40,765	13,007
Buffalo	30,595	49,442
Burnett	7,084	.....
Calumet	33,710	24,652
Chippewa	44,501	15,164
Clark	41,952	135,631
Columbia	48,110	51,485
Crawford	35,415	88,578
Dane	91,659	71,230
Dodge	45,232	2,598
Door	28,289	7,460
Douglas	5,218	9,880
Dunn	39,192	52,227
Eau Claire	36,458	11,826
Florence	3,293	600
Fond du Lac	47,759	22,421
Forest	972	959
Gates	3,962	360
Grant	85,901	61,802
Green	78,923	26,408
Green Lake	15,626	16,609
Iowa	57,062	52,235
Iron	2,300	.....
Jackson	28,244	21,316
Jefferson	27,358	19,954
Juneau	23,107	66,635
Kenosha	21,973	8,481
Kewaunee	35,434	10,734
La Crosse	31,262	45,735
La Fayette	60,707	17,388
Langlade	12,316	4,152
Lincoln	17,343	15,110
Manitowoc	66,062	31,000
Marathon	43,000	35,300
Marinette	10,910	1,911
Marquette	7,266	48,571
Milwaukee	20,949	6,274
Monroe	47,062	75,190
Oconto	25,535	10,786
Oneida	3,848	3,786
Outagamie	41,598	31,434

STATEMENT OF ACREAGE OF CROPS, AND NUMBER AND VALUE OF LIVE STOCK, 1905—continued.

COUNTIES.	NUMBER OF ACRES.	
	Cultivated grasses.	Growing timber.
Czaukee	30,571	7,896
Pepin	6,144	11,191
Pierce	27,862	31,127
Polk	35,172	28,647
Portage	38,404	23,442
Price	5,307	11,383
Racine	25,842	8,697
Richland	57,904	66,270
Rock	63,880	27,340
St. Croix	42,576	8,403
Sauk	47,089	88,586
Sawyer	2,518	543
Shawano	30,474	41,538
Sheboygan	62,656	35,877
Taylor	8,878	.....
Trempealeau	49,281	56,444
Vernon	69,185	92,704
Vilas	280	.....
Walworth	35,357	19,832
Washburn	3,780	1,054
Washington	31,686	34,370
Waukesha	46,149	25,161
Waupaca	38,343	33,891
Waushara	36,403	63,831
Winnebago	41,078	11,084
Wood	18,472	11,324
Total	2,266,736	Not complete.

NUMBER AND VALUE OF LIVE STOCK.

COUNTIES.	NUMBER AND VALUE OF LIVE STOCK.			
	Milch Cows.		All Other Cattle.	
	Number.	Value.	Number.	Value.
Adams	7,626	\$145,409	6,447	\$59,255
Ashland	2,483	51,233	961	9,263
Barron	24,206	277,831	12,898	101,099
Bayfield	835	22,200	477	4,919
Brown	18,458	361,377	9,715	93,805
Buffalo	16,918	296,237	14,354	115,034
Burnett	5,093	71,383	4,570	40,154
Calumet	13,394	346,384	8,739	109,317
Chippewa	14,993	271,533	12,638	135,455
Clark	22,189	443,671	15,741	151,678
Columbia	20,968	499,739	21,697	294,515
Crawford	11,975	265,445	14,761	170,510
Dane	49,243	1,058,627	29,493	358,983
Dodge	48,640	834,845	13,460	138,961
Door	9,593	149,875	9,476	76,865
Douglas	2,029	40,025	113	1,181
Dunn	15,717	261,948	14,421	126,119
Eau Claire	11,740	205,458	23,649	339,211
Florence	500	10,020	127	1,270
Fond du Lac	31,090	743,083	16,415	196,023
Forest	214	4,740	119	1,275
Gates	1,374	25,709	1,056	11,334
Grant	27,900	652,566	51,468	843,211
Green	27,764	812,662	59,202	1,266,991
Green Lake	11,254	215,956	6,496	66,828
Iowa	26,668	682,880	33,772	535,491
Iron	826	23,223	171	2,778
Jackson	12,116	200,647	12,753	101,201
Jefferson	33,467	814,620	13,319	131,189
Juneau	9,389	159,682	9,199	77,547
Kenosha	15,023	297,947	6,242	81,546
Kewaunee	13,671	205,138	7,989	61,137
La Crosse	13,759	317,422	10,634	128,122
La Fayette	20,691	564,445	39,799	473,449
Langlade	3,790	58,085	3,593	30,286
Lincoln	2,946	64,916	2,639	23,618
Manitowoc	27,360	521,527	11,345	163,025
Marathon	16,610	247,300	13,800	115,980
Marinette	3,663	58,328	5,022	61,375
Marquette	8,029	137,272	6,398	57,603
Milwaukee	9,352	223,453	2,067	24,197
Monroe	22,745	436,466	18,124	169,861

NUMBER AND VALUE OF LIVE STOCK—Continued.

COUNTIES.	NUMBER AND VALUE OF LIVE STOCK.			
	Milch Cows.		All Other Cattle.	
	Number.	Value.	Number.	Value.
Oconto	8,436	199,285	7,111	56,859
Oneida	730	16,245	581	6,763
Outagamie	23,510	516,035	14,637	136,363
Ozaukee	12,433	310,545	7,119	100,612
Pepin	4,724	70,989	3,255	27,971
Pierce	10,504	202,202	8,344	166,529
Polk	16,938	305,744	18,448	147,464
Portage	14,444	279,153	7,968	72,558
Price	2,067	38,647	1,279	9,822
Racine	14,450	365,305	7,721	131,297
Richland	16,912	342,782	17,522	200,398
Rock	29,044	645,836	21,074	267,610
St. Croix	14,092	243,475	15,614	134,738
Sauk	24,865	572,508	20,697	249,562
Sawyer	761	12,663	391	3,038
Shawano	14,074	220,982	8,131	67,508
Sheboygan	33,436	943,715	12,166	148,411
Taylor	3,735	46,876	2,061	13,475
Trempealeau	18,866	364,505	17,720	166,449
Vernon	18,588	342,647	18,738	183,163
Vilas	369	7,195	.....	.....
Walworth	28,168	734,741	16,422	241,143
Washburn	2,455	30,808	1,215	10,223
Washington	20,139	428,002	11,257	138,760
Waukesha	24,591	536,170	11,244	99,141
Waupaca	21,565	416,454	11,746	108,811
Waushara	14,266	299,566	6,399	63,882
Winnebago	23,734	510,779	10,307	126,475
Wood	12,657	228,621	7,642	74,342
Total	1,066,852	\$23,137,820	832,218	\$10,502,800

NUMBER AND VALUE OF LIVE STOCK—Continued.

COUNTIES.	NUMBER AND VALUE OF LIVE STOCK.			
	Horses of All Ages.		Sheep and Lambs.	
	Number.	Value.	Number.	Value.
Adams	4,209	\$230,314	1,969	\$4,233
Ashland	2,086	109,235	1,315	2,094
Barron	6,714	364,138	9,670	18,794
Bayfield	822	43,131	78	251
Brown	8,536	569,961	1,967	4,166
Buffalo	6,762	395,060	13,361	26,617
Burnett	2,081	97,864	1,623	2,982
Calumet	6,606	531,764	2,146	6,661
Chippewa	7,536	468,295	4,682	9,635
Clark	8,528	473,017	7,934	19,650
Columbia	12,475	812,053	21,841	64,566
Crawford	5,541	284,633	8,057	20,920
Dane	22,190	1,460,860	21,409	60,227
Dodge	12,400	779,461	8,881	18,488
Door	5,135	221,944	4,182	7,967
Douglas	1,319	53,835	30	150
Dunn	7,025	391,371	10,817	22,218
Eau Claire	8,614	530,495	3,688	9,566
Florence	442	24,339	137	391
Fond du Lac	14,237	874,590	22,407	49,204
Forest	306	22,945	3	12
Gates	1,050	85,527	935	2,250
Grant	20,194	1,098,903	21,968	71,358
Green	9,286	614,286	7,717	23,907
Green Lake	5,182	295,584	11,801	20,454
Iowa	9,524	529,299	9,201	29,172
Iron	403	29,257	199	796
Jackson	6,573	363,711	5,958	14,437
Jefferson	8,925	590,749	3,916	8,618
Juneau	5,298	244,546	6,096	12,575
Kenosha	4,520	272,865	6,742	17,553
Kewaunee	5,736	345,175	5,354	10,271
La Crosse	4,985	362,486	451	11,331
La Fayette	8,190	479,118	10,587	40,110
Langlade	2,234	110,695	1,598	2,674
Lincoln	1,768	97,730	2,320	4,556
Manitowoc	10,897	700,338	5,631	16,275
Marathon	8,310	332,400	16,690	18,590
Marinette	4,765	203,748	1,007	1,808
Marquette	3,093	197,390	4,383	9,684
Milwaukee	19,588	1,115,926	303	1,105
Monroe	9,595	547,555	10,853	26,158
Oconto	4,698	258,124	2,136	3,975
Oneida	698	34,997	324	792

NUMBER AND VALUE OF LIVE STOCK—Continued.

COUNTIES.	NUMBER AND VALUE OF LIVE STOCK.			
	Horses of All Ages.		Sheep and Lambs.	
	Number.	Value.	Number.	Value.
Outagamie	9,461	621,669	5,521	14,414
Ozaukee	5,227	363,730	466	1,390
Pepin	2,555	149,932	2,984	6,003
Pierce	6,576	503,085	17,017	30,889
Polk	7,091	372,140	6,059	12,247
Portage	8,367	487,824	3,045	6,276
Price	1,301	71,351	674	1,627
Racine	6,061	424,813	6,190	14,943
Richland	6,533	335,977	22,307	58,020
Rock	15,151	834,204	11,941	44,675
St. Croix	7,000	383,960	8,117	28,202
Sauk	10,015	620,308	13,175	32,532
Sawyer	608	25,875	211	245
Shawano	5,538	330,191	7,007	14,833
Sheboygan	11,617	781,495	2,560	6,705
Taylor	2,276	87,610	956	2,230
Trempealeau	8,542	561,402	15,538	40,784
Vernon	8,996	485,110	19,848	53,058
Vilas	690	32,205	65	180
Walworth	9,980	550,521	14,049	29,951
Washburn	1,270	57,810	1,134	2,328
Washington	9,727	637,687	5,123	13,968
Waukesha	11,879	546,460	19,004	36,327
Waupaca	8,134	509,121	6,123	14,498
Waushara	6,657	409,459	3,475	6,343
Winnebago	7,600	542,892	7,733	21,174
Wood	4,895	239,520	2,559	4,887
Total	482,823	\$28,616,065	485,248	\$1,195,970

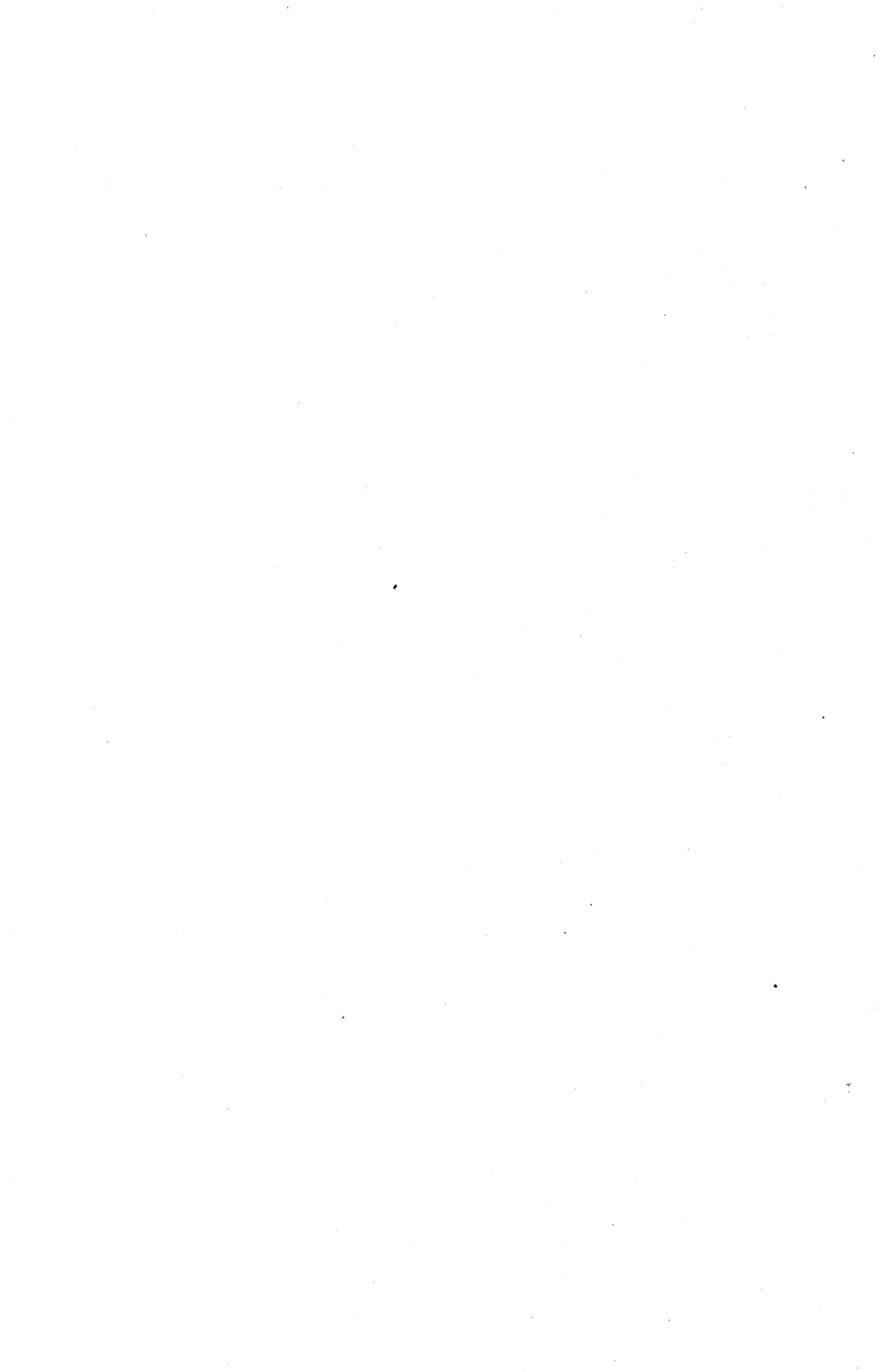
NUMBER AND VALUE OF LIVE STOCK—Continued.

COUNTIES.	NUMBER AND VALUE OF LIVE STOCK.	
	Swine Four Months Old or Over.	
	Number.	Value.
Adams	2,853	\$16,817
Ashland	665	2,849
Barron	3,558	14,966
Bayfield	171	1,164
Brown	3,652	14,880
Buffalo	12,363	56,007
Burnett	1,069	4,025
Calumet	4,954	25,846
Chippewa	5,556	23,823
Clark	5,327	35,120
Columbia	19,829	135,775
Crawford	7,360	33,512
Dane	37,456	239,745
Dodge	15,632	73,527
Door	3,420	9,917
Douglas	29	210
Dunn	8,942	40,455
Eau Claire	6,033	29,750
Florence	50	244
Fond du Lac	14,592	71,930
Forest	63	428
Gates	399	1,649
Grant	42,425	253,149
Green	23,795	137,064
Green Lake	7,261	38,255
Iowa	15,774	97,178
Iron	109	800
Jackson	6,629	35,417
Jefferson	11,542	78,075
Juneau	4,675	19,598
Kenosha	3,917	22,960
Kewaunee	5,170	15,867
La Crosse	8,587	51,292
La Fayette	21,231	148,362
Langlade	1,446	5,213
Lincoln	910	3,668
Manitowoc	7,624	30,439
Marathon	5,580	14,345
Marinette	1,820	6,527
Marquette	3,240	14,665

NUMBER AND VALUE OF LIVE STOCK—Continued.

COUNTIES.	NUMBER AND VALUE OF LIVE STOCK.	
	Swine Four Months Old or Over.	
	Number.	Value.
Milwaukee	1,641	7,798
Monroe	9,383	52,794
Oconto	2,798	12,591
Oneida	162	789
Outagamie	10,366	48,718
Ozaukee	3,573	18,642
Pepin	3,593	17,639
Pierce	5,172	29,372
Polk	4,016	19,795
Portage	5,503	28,542
Price	405	1,828
Racine	4,540	25,007
Richland	15,491	58,013
Rock	24,176	157,493
St. Croix	4,666	23,914
Sauk	17,630	110,437
Sawyer	139	559
Shawano	5,607	20,526
Sheboygan	11,734	61,636
Taylor	711	2,461
Trempealeau	6,263	32,374
Vernon	9,659	50,511
Vilas	86	390
Walworth	16,030	108,736
Washburn	386	1,753
Washington	9,596	46,067
Waukesha	8,682	43,890
Waupaca	6,425	31,325
Waushara	5,309	32,217
Winnebago	8,997	56,544
Wood	2,212	8,901
Total	530,659	\$2,916,575













ANNUAL REPORT

OF THE

WISCONSIN

State Board of Agriculture

For the Year 1907.

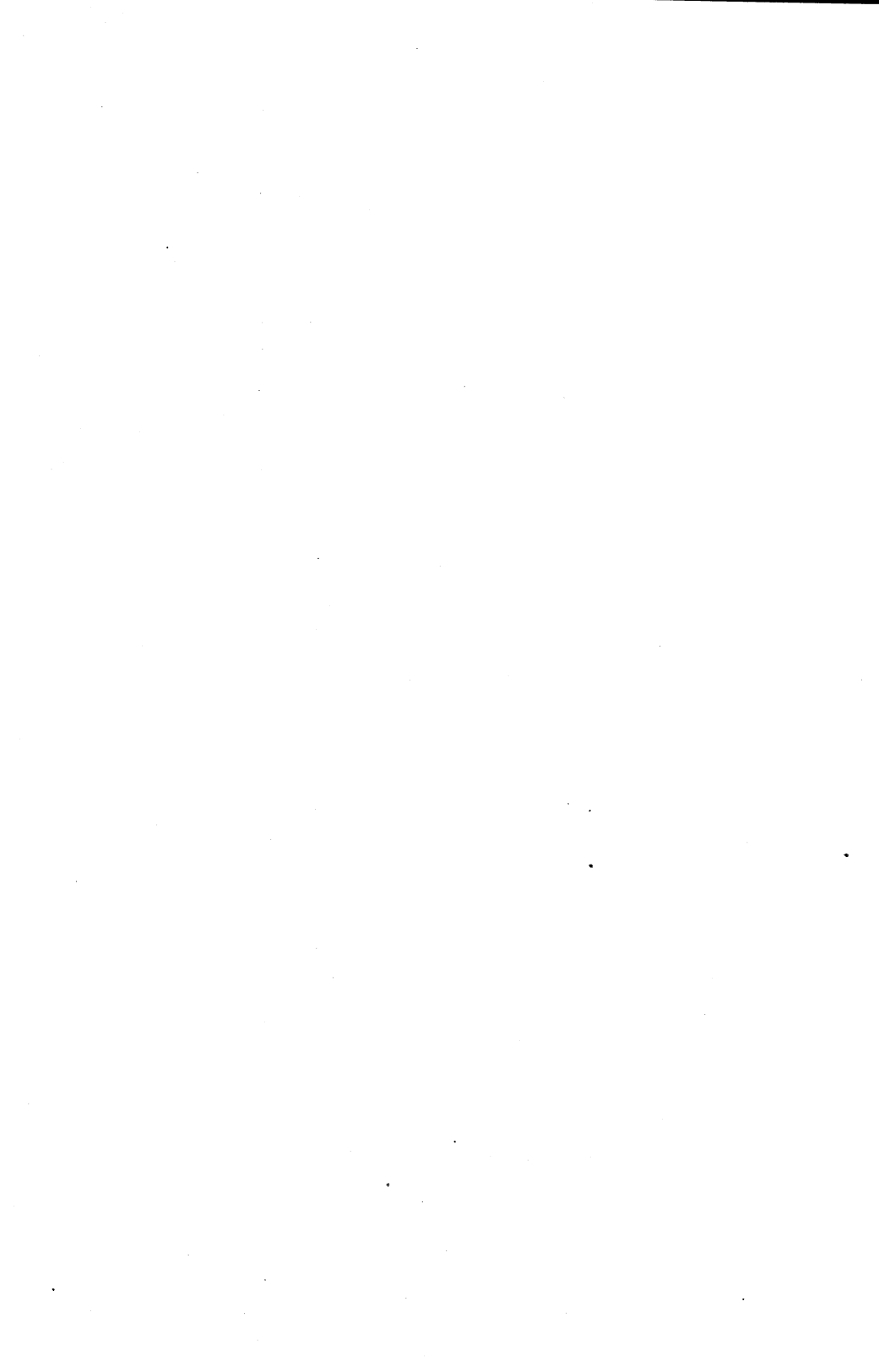
JOHN M. TRUE, *Secretary.*

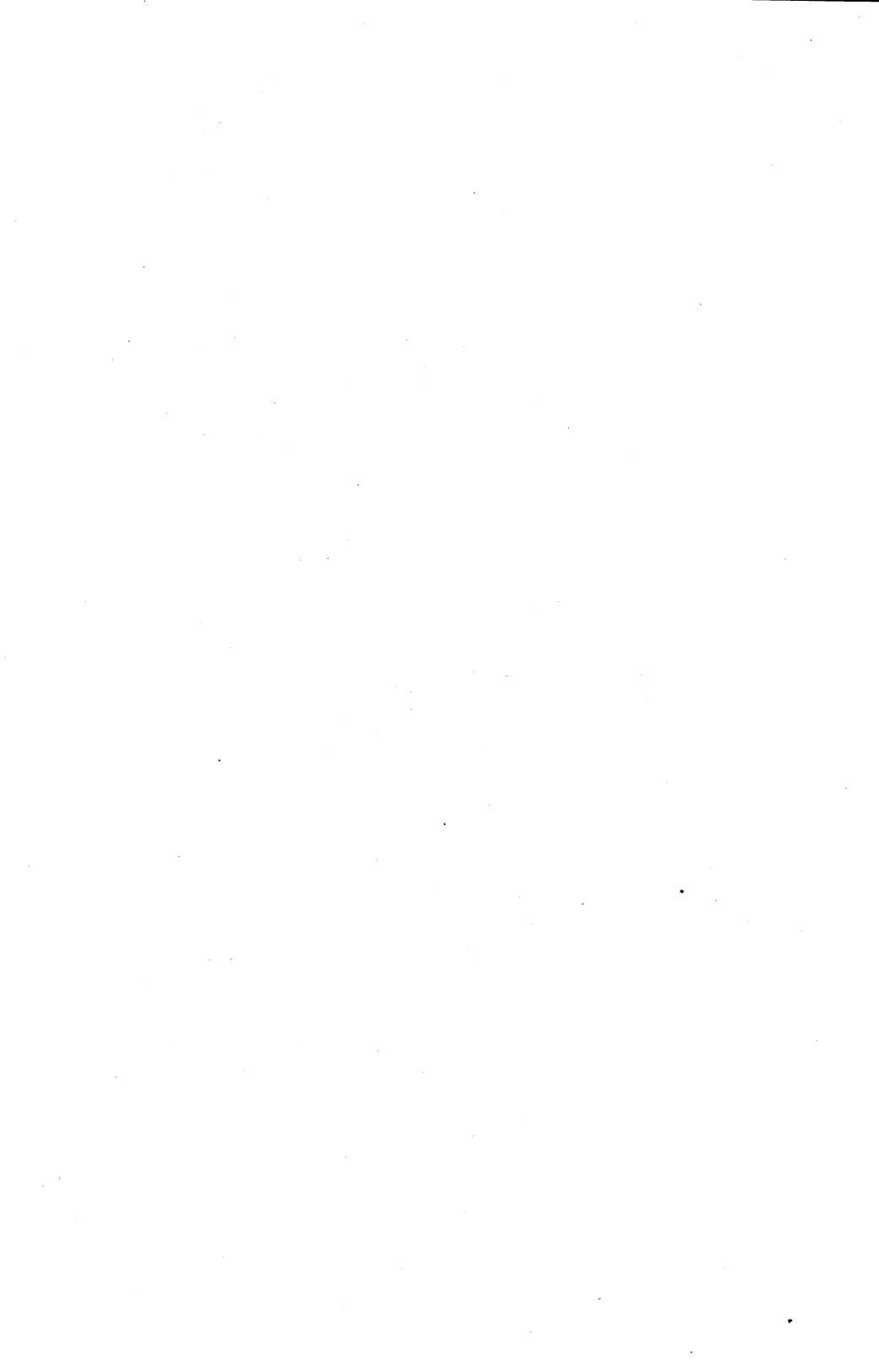


MADISON, WIS.

DEMOCRAT PRINTING COMPANY, STATE PRINTER

1907





LAWS

RELATING TO

Wisconsin State Board of Agriculture.

Wisconsin Statutes of 1898, Chapter 60.

Section 1456. The Department of Agriculture as heretofore established, is continued. Its object shall be the promotion of the interests of agriculture, dairying, horticulture, manufactures and domestic arts.

Said department shall be managed by a board, to consist of one member from each congressional district, and two from the state at large, to be appointed by the governor, for terms of three years from the first day of January in the year of their appointment.

Not more than two-thirds of the members of said board shall be at the time of making any appointment thereto, members of the same political party. Vacancies shall be filled by the governor for the unexpired portion of the term.

Section 1457. The members of said board shall serve without compensation, but shall be reimbursed out of any funds set apart for their use by the state, or otherwise received by them, the sums actually expended in the performance of their duties.

Section 1458. Said board shall hold its annual meeting on the first Tuesday in March, and at such meeting shall elect one of its members as president, and one as vice president, and some person, not a member, as secretary, who shall hold his office for one year unless he is sooner removed by the board.

The state treasurer shall be ex-officio treasurer of the board.

Such officers shall perform such duties as usually pertain to such officers, and such as the board may direct.

Section 1458a. Said board may occupy such rooms in the capitol as may be assigned for that purpose by the governor.

They shall have sole control of the affairs of the Department of Agriculture, and all state fairs, and state fair grounds, and may make such by-laws, rules and regulations in relation to the management of the business of such department, and said fairs, and the offering of premiums thereat, as they shall from time to time determine.

The board shall make a report of its action to the governor, on or before the first day of December in each year.

Section 1458b. Whatever money shall be appropriated or otherwise received by said board, for the Department of Agriculture, shall be paid to the state treasurer, and be disbursed by him, on orders signed by the president and secretary of the board, for such purposes as, in the judgment of the board, will best promote the interests committed to their charge.

No officer, clerk or employe of said board shall have any claim upon the state for any salary or expenses, except such as may be allowed by the board, and paid from any appropriation or funds under their control; and the state shall not in any manner whatever be liable for any debt or obligation incurred, or contract made by said board.

Section 1466. The principal officers of the state board of agriculture,, shall have full jurisdiction and control of the grounds, on which such board may exhibit, and all the streets, alleys and other grounds adjacent to the same, during all such exhibitions, so far as may be necessary to exclude therefrom all other exhibitions, booths, stands or other temporary places for the retail or sale of any kind of spirituous or fermented liquors, or other articles, that they might deem objectionable.

The president, or in his absence, any vice-president acting in his stead, may appoint any necessary policeman to assist in preserving the peace, and enforce regulations upon the grounds and adjacent streets, who, for such purpose, shall have all powers of a constable and be entitled to similar fees.

Chapter ... , Laws of 1905.

Section 1. Section 1463 of the statutes of 1898, as amended by chapter 274 of the laws of 1901, is hereby amended so as to read as follows: Section 1463. There shall be paid within ten days after the first day of February, out of the state treasury, to each organized agricultural society, association, or board in the state, which shall have substantially complied with the following conditions, forty per centum of the total amount of premiums thereby paid at its annual fair for the preceding year, provided that in computing the amount upon which such per centum is to be paid, not more than one-half thereof shall have been paid for trials or exhibitions of speed, or other contest, for which published premiums have been offered. On or before the first day of February, in each year, the president and secretary of each society, association, or board, claiming state aid, shall

file with the secretary of state a sworn statement of the actual amount of cash premiums and purses paid at the fair of the preceding season, which premiums and purses must correspond with the published offers of premiums and purses, and a further statement that at such fair, all gambling devices whatsoever, and the sale of intoxicating liquors had been prohibited and excluded from the fair grounds, and all adjacent grounds under their authority or control. Such statement shall be accompanied by an itemized list of all premiums and purses paid, upon which such forty per centum payment is a full statement of receipts and disbursements for the past year, duly verified by the secretary. Copies of such statement shall be deposited with the secretary of state and the secretary of the state board of agriculture. Such money shall be paid to the treasurer of the society, association, or board, upon his receipt, countersigned by the secretary. Provided, that the amounts to be paid to any such organized agricultural society, association or board, during any year, shall not exceed the following amounts to-wit:—to the State Board of Agriculture the sum of ten thousand dollars, to the Northern Wisconsin State Fair or the La Crosse Inter-State Fair Association, the sum of five thousand dollars each, and to any county agricultural society or other association or board above mentioned, the sum of one thousand and seven hundred dollars each.

Section 2. Sections 1458c of the statutes of 1898, 1458d of the statutes of 1898, as amended by chapter 356 of the laws of 1901, and chapter 337 of the laws of 1901, as amended by chapter 290 of the laws of 1903, are hereby repealed.

Section 3. Section 1464 of the statutes of 1898 is hereby amended so as to read as follows: Section 1464. All moneys received by any such society, association, or board, either from the state or any other source, after paying the necessary incidental expenses thereof, shall be paid out annually for premiums awarded, in such sums and in such way and manner as its by-laws, rules and regulations shall direct, on such live animals, articles of production, agricultural implements and tools, domestic manufactures, mechanical implements and productions as are the growth and manufacture of the district which such society, association or board represents, but live stock, the growth of any other county, state or country, may receive the same premiums as those which are the growth of the district where fair is located, should the society, association or board governing so decide.

Section 4. All acts or parts of acts in conflict with the provisions of this act are hereby repealed.

LETTER OF TRANSMITTAL.

To his Excellency, J. O. DAVIDSON,
Governor of the State of Wisconsin.

SIR:—I am pleased to herewith submit to you, the annual report of the Wisconsin State Board of Agriculture for the year ending March 5th, 1907.

JOHN M. TRUE,
Secretary

OFFICERS

OF THE

Wisconsin State Board of Agriculture.

President—George McKerrow.
Vice President—James J. Nelson.
Secretary—John M. True.
Treasurer—(Ex-officio)—A. H. Dahl.

BOARD OF MANAGERS.

President—George McKerrow.
Vice President—James J. Neson.
C. G. Wilcox, Grant U. Fisher, George Wylie.

MEMBERS WISCONSIN STATE BOARD OF AGRICULTURE.

At large—George Wylie, Morrisonville.
At Large—Grant U. Fisher, Janesville.
1st District—C. H. Everett, Racine.
2nd District—O. F. Roessler, Jefferson.
3rd District—George G. Cox, Mineral Point.
4th District—R. B. Watrous, Milwaukee.
5th District—George McKerrow, Pewaukee.
6th District—Charles L. Hill, Rosendale.
7th District—J. L. Herbst, Sparta.
8th District—James J. Nelson, Amherst.
9th District—C. G. Wilcox, De Pere.
10th District—Ed. Nordman, Polar.
11th District—Laurens E. Scott, Stanley.

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ANNUAL REPORT

OF THE

Wisconsin State Board of Agriculture

1906.

MINUTES OF MEETINGS OF THE BOARD.

ANNUAL MEETING.

Madison, March 6, 1906.

President McKerrow presiding.

All members present except Mr. Everett.

The minutes of the last meeting were read and approved. The Committee of Audit submitted its report as follows:

Madison, March 5, 1906.

“Your Committee of Audit has examined the financial statements of the Secretary and Treasurer, and find them to substantially agree. Having examined the vouchers and accounts of Secretary True, we find them correct.”

Signed,

W. H. J. KIECKHEFER,

G. U. FISHER,

GEO. G. COX,

Committee.

On motion of Mr. Cox, voted to hear outside parties wishing to transact business with the Board.

Sponholz Company, contractors for construction of bridge under track and driveway at Fair Grounds, made a request to be allowed to proceed with the same.

Mr. Kieckhefer moved that they be allowed to go on and complete the work. Carried.

Mr. McGrail, representing the Amusement Booking Association of Chicago, presented proposition to furnish Air Ship ascension and flight at next State Fair, and the same was laid over for future consideration.

The Committee on Special Attractions and Speed appointed at the last meeting submitted the following report:

“Your Special Committee on Speed and Special Attractions beg leave to report the recommendation, that the Board offer about the same Speed Program as last year, with the exception that a “Free for All” or 2:02 Pacing race for a purse of \$2,500 be added, with the provision that there be not less than five bona fide entries and three starters, including “Hazel Patch” and “The Broncho,” and your Committee further recommends the engagement of the Relay Race, with runners to wagons added to last years’ program, provided the same, complete, can be had at not to exceed \$2,300.

We recommend the engagement of the Scotch Band from Chicago, at once, at \$25.00 per man and expenses for the week of Fair; and the Committee asks for further time to consider the question of Special Attractions.”

On motion of Mr. Cox, the report was adopted.

Mr. F. M. Barnes, Chicago, presented special acts of vaudeville for day and evening attractions.

Referred to Committee on Special Attractions.

Mr. Barnes also made a suggestion of Fire Works as an evening attraction, involving an aggregate expense of \$1,500.

Recess until 1:30 P. M.

1:30 P. M.

All members present.

The Secretary presented the request of the Milwaukee Driving Club for a continuation of a lease of privileges at Fair Grounds.

On motion of Mr. Roessler, the matter of leases of privileges at Grounds was left with Board of Managers.

Communication from Milwaukee W. C. T. U. relative to a continuation of privilege for Rest Room at same place on Fair Grounds, was received and on motion of Mr. Scott, the request was granted.

Secretary read letters from Mr. C. Rosenthal of Milwaukee, whose son was injured at last State Fair, and he was instructed to write Mr. Rosenthal of the facts in the case in the possession of the Board, and to state that it disclaimed any responsibility for the accident.

The Ladies of Maccabees of Milwaukee asked for a Rest Room on Grounds at next State Fair, with privilege of running a check room in connection.

Voted to grant free space without check room; and if check room is run, to require 50% of receipts therefrom.

On motion of Mr. Roessler the Superintendent of Grounds was instructed to enlarge barber shop and provide dressing rooms under Grand Stand.

Mr. Charles J. Strobel of Toledo, Ohio, presented a proposition to furnish ascensions and flights of the Knabenshue Air Ship during coming State Fair.

On motion of Mr. Wilcox, proceeded to the election of officers.

The Chair appointed Messers. Roessler and Herbst as tellers.

For President—Whole number of ballots, 13, of which number George Wylie received one (1) and George McKerrow twelve (12).

For Vice President—First ballot—13. Kieckhefer, 3; Nelson, 4; Cox, 6. No choice. Second ballot—13. Kieckhefer, 1; Cox, 5; Nelson, 7.

For Secretary—13 ballots. J. M. True received 13.

For Board of Managers—First ballot—13. Herbst, 1; Everett, 1; Cox, 2; Wilcox, 9. Second ballot—13. Herbst, 1; Everett, 1; Cox, 1; Fisher, 9; Wylie, 1. Third ballot—12. Cox, 1; Everett, 2; Kieckhefer, 1; Herbst, 1; Harvev, 1; Wylie, 6. No choice. Fourth ballot—12. Everett, 1; Herbst, 1; Cox, 1; Wylie, 9.

Superintendents were elected as follows:

Horse Department—J. S. Donald.

Cattle Department—George Wylie.

Sheep Department—Ed Nordman.

Swine Department—James Dillon.

Poultry Department—Mrs. Adda F. Howie.

Agriculture and Horticulture—J. L. Herbst.

County Exhibits—C. H. Everett.
 Dairy Department—L. E. Scott.
 Machinery Department—David Wedgwood.
 Fine Arts Department—James J. Nelson.
 Woman's Work—Miss M. E. Chadwick.
 Privileges—O. F. Roessler.
 Speed—C. G. Wilcox.
 Forage and Transportation—John LeFeber.
 Grounds—Grant U. Fisher.
 Gates—C. D. Rosa.
 Marshal—C. W. Harvey.

Mr. McKerrow from Committee on Tickets and Gates, reported recommending four additional turnstiles at main gate; that fence be set back to allow more room for cars and people; and that new arrangement of turnstiles be made, with shed overhead.

The Committee recommended a ticket and badge for use at stiles, these to correspond in number printed on same, and to be numbered consecutively. Badges to be of different colors, and denominated: "Official," "Helpers," "Speed," "Privileges," "Press" and "Exhibitor." Return tickets to be given holder of badge, ticket to be good for re-admission when presented with badge, and not otherwise. Badges and all tickets to be so marked or printed as to prevent counterfeiting. No return checks to Grand Stand. Complimentary tickets to be coupons, and signed by Secretary. Each ticket to admit but one, and gentlemen's and ladies' tickets to be so designated, and to differ in color; the Secretary to keep a record of names and numbers of tickets sent out. Wheel tickets to be sold at team gates at 50 cents each. Return checks at gates to change color each day.

The Committee further recommended the adopting of different form of contract for Privilege Department.

On motion of Mr. Wilcox the report was adopted.

Mr. Wylie from Committee on Live Stock premiums submitted a report making slight changes in several classes. The Committee was permitted to make further changes in these classes if thought proper.

On motion of Mr. Wylie, voted to close a contract with F. M. Barnes, for three vaudeville acts at \$1,350; the Board reserving the privilege of cancelling the Zouave Act at any time within thirty days, and deducting \$650.00 from contract price.

Other committees appointed to recommend changes in premium list submitted reports, which were adopted.

Recess until 7:30 P. M.

7:30 P. M.

Quorum present.

On motion of Mr. Kieckhefer, voted to fix price for use of race track to parties stabling horses outside of Grounds, at three dollars per season, for each horse up to five, and for more than five, two dollars for each horse.

Voted to enter into contract with Chas. J. Strobel, agent for Knabenshue Air Ship Company, for airship ascensions and flights during next State Fair, \$1,000 guaranteed, and \$2,750 to be paid for first successful ascension and flight, and \$500 each for added ascensions and flights.

Captain Ludington of the Milwaukee Battery, and Adjutant General Boardman came before the Board asking for the use of certain privileges, buildings and grounds at State Fair Park, for quarters and drill purposes. The matter was referred to the Board of Managers.

On motion of Mr. Wylie, Mrs. Wentworth was elected clerk in office of Secretary for coming year, at \$50 per month.

On motion of Mr. Roessler, voted that the Board make special efforts for excursion trains over railroad lines running into Milwaukee, for the next State Fair, and that a committee of three be appointed to outline a schedule of such trains, and present request for same to the proper officials.

The Chair appointed Messrs. Roessler, Cox and Wylie as such committee.

Adjourned, subject to call of Secretary.

JOHN M. TRUE,
Secretary.

Fair Grounds, March 30, 1906.

Special Meeting.

Present, Messrs. Wylie, Fisher, Roessler, Cox, Kieckhefer, McKerrow, Harvey, Nelson, Nordman and Scott.

The Secretary presented the declination of Mr. John LeFerber of the position of Superintendent of Forage and Transporta-

tion. Mr. Kieckhefer moved that the position be tendered to Mr. C. T. Fisher of Wauwatosa, Wisconsin. Carried.

The Secretary was authorized to pay Mr. Danielson the amount of estimate of architect, \$2,000, and to pay Architects Ferry & Clas \$500 on services.

Payments to Sponholz Company on culvert, are to be made upon estimate of Engineer Kirchoffer.

On motion of Mr. Scott, the general matter of advertising was left with Board of Managers.

Voted to leave the matter of building new fences and repairing old, to Board of Managers, all new fence to be built on line.

On motion of Mr. Roessler, voted to build an 8 foot concrete walk from Executive Building to Stock Barns and Amphitheater, and from C. & N. W. Gate to official dining hall.

On motion of Mr. Kieckhefer, voted to employ Mr. Hamilton Raymond of Shopiere, Wisconsin to work on Grounds at fifty dollars per month from April 1st. Pending the consideration of the above motion, Mr. Cox moved to amend by making wages \$40 per month. Lost upon roll call, 5 to 4. Mr. Harvey moved to amend by making wages \$45 per month. Lost.

The Superintendent of Grounds was instructed to collect stall rent from Speed men, monthly.

Voted to continue lease to Milwaukee Driving Club upon same terms as formerly, except that Board reserves the right to use track for any day, by giving Club two days' notice.

Adjourned.

JOHN M. TRUE,
Secretary.

Madison, April 11, 1906.

Special Meeting, Board of Managers.

All members present except Mr. Wilcox.

On motion of Mr. Nelson voted to appropriate \$250 for 200 additional exhibition coops for Poultry Department.

The Milwaukee Sunday School Athletic League applied for use of Fair Grounds for a meet to be held May 19. The request was granted with the provision that no glass or other debris be left upon Grounds.

Voted to make a Wisconsin Class in Shropshire Sheep for next Fair, \$100 to be given in prizes by this Board, and \$100 to be guaranteed by the Wisconsin Sheep Breeders' Association.

The Secretary was authorized to arrange with Mrs. Dalue to again run official dining hall. Secretary was instructed to sell meal tickets for cash, and to regulate sale so as to prevent a patronage above capacity of dining hall management.

Voted to allow Contractor Danielson to substitute Ksene paint for stain in interior finish of amphitheater, if approved by architects.

The application of Mr. Danielson for a further payment of \$4,000 was referred to architects.

On motion of Mr. Wylie, voted that no privilege be sold in Grand Stand at Fair time, for parties to cry their goods in a loud voice, and thereby disturbing visitors and interrupting the music.

On motion of Mr. Wylie voted to adjourn until Wednesday, April 18, at 10 o'clock, A. M., at State Fair Grounds.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, April 18, 1906.

Meeting, Board of Managers.

All members present except Mr. Wilcox.

The bill of Sponholz Company for concrete bridge under track, and extras claimed, was presented, and on estimate of Engineer Kirchoffer, a payment of \$2,500 was ordered on contract price.

The contract of Mr. Gregory of Chicago, for furnishing Fire Works at next Fair was considered, and the Secretary was instructed to correspond with Mr. Gregory and ask for a fuller statement of acts to be furnished.

The Secretary was authorized to use not to exceed \$3,000 in aggregate, for advertising coming State Fair outside of Milwaukee City papers, and the amount used with City Press was limited to \$1,500.

Voted, to place score card privilege in Department of Privileges for disposition.

Adjourned,—To meet at rooms of Citizens' Business League, Milwaukee, Friday, April 27, at 2 o'clock, P. M.

JOHN M. TRUE,
Secretary.

Milwaukee, April 27, 1906.

Adjourned Meeting, Board of Managers.

All members present except Mr. Wilcox.

The Secretary reported offer of Mr. William Smiley to obtain full class of Polled Durhams, and proposition made by him was accepted.

Mr. F. M. Barnes submitted an amended statement relative to Fire Works for State Fair, which on motion of Mr. Wylie was laid over until next meeting.

Captain Ludington, 1st Battery Wisconsin National Guards, asked decision of Board relative to admission of his Company upon Grounds for season, and on motion of Mr. Wylie, voted to allow Battery to occupy one horse barn and the Publicity Building until such time as further arrangements may be perfected, details of matter to be left to Superintendent Fisher.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, May 18, 1906.

Special meeting, Board of Managers.

All members present except Mr. McKerrow. Mr. Nelson in the chair.

The Secretary submitted report of Engineer Kirchoffer relative to culvert built by Sponholz Company, and on motion of Mr. Wilcox, voted to settle for such work on basis of engineer's statement.

Voted, to allow bill of extras of Sponholz Company.

Mr. Wilcox offered the following resolution, which on motion of Mr. Wylie was adopted.

Resolved, That hereafter the use of the State Fair Grounds will not be granted to any persons or associations, unless a sufficient sum of money be placed in the hands of the Superintendent of Grounds to cover the expense of cleaning Grounds and buildings, and damages to same.

Resolved, That the Superintendent of Grounds be, and is hereby instructed, to allow no horses to be hitched on mile track; neither is he to rent any stalls to parties in arrears, to this Board, for stall rent, pasturage, etc.; and that Superintendent of Grounds is hereby authorized to take necessary steps to

collect back rent from Mr. A. von Cotzhausen, and that he, (Mr. Cotzhausen), be denied the use of track until said account is paid."

In consideration of claims against Mr. John Ward, voted to settle same for \$15.00.

On request of Board, Captain Ludington was present relative to space occupied in Publicity Building, and on motion of Mr. Wilcox, he was allowed to keep lockers in upper part of building during remainder of season, on condition that he furnish some 12 or 15 tents for additional quarters for employes of Board.

On motion of Mr. Wylie, Mr. Bunn, custodian of Battery, was made a policeman on Grounds, with full power to act in that capacity, such service to be rendered without compensation.

Mr. Fisher was authorized to procure plans and specifications for Horse Barn to be built of concrete.

On motion of Mr. Wilcox, it was decided to build a Speed Barn this season.

Adjourned until Tuesday, May 29, at 11 o'clock, A. M.

JOHN M. TRUE,
Secretary.

Fair Grounds, May 29, 1906.

Adjourned meeting, Board of Managers.

All members present except Mr. McKerrow.

The Secretary presented drafts and specifications of concrete walks to be built, from Mr. Kirchoffer. The same were adopted, and on motion of Mr. Fisher voted to advertise for bids to be opened at office, State Fair Park, Friday, June 8th, at 12 o'clock, M. Such advertisements to be made by notice given to contractors personally or by letter.

A communication from Mr. J. T. Drought asking for the use of Fair Grounds and track for Automobile Meet, was presented, and it was voted to grant such privilege for Saturday, June 16, and Superintendent of Grounds was authorized to collect \$25.00 for such privilege.

On motion of Mr. Wilcox, voted to order full plans and specifications for a concrete barn 40x100 feet, two stories, with concrete floors and slate roof, of Mr. Hilton of Janesville, such

plans and specifications to be submitted to an adjourned meeting of this Board June 8.

Mr. F. M. Barnes, Chicago, came before Board with two propositions for Fire Works from Mr. Gregory. On motion of Mr. Fisher, a decision of the matter was left to Messrs. Wilcox, Roessler and Nelson.

Mr. W. C. Gaskill, representing the Gaskill Carnival Company, offered to contract with Board to furnish the full line of shows under direction of such Company upon same terms as last year, and it was voted to enter into contract with him.

Adjourned, until Friday June 8, at 11 o'clock, A. M.

JOHN M. TRUE,
Secretary.

Fair Grounds, June 8, 1906.

Adjourned meeting, Board of Managers.

All members present except Mr. McKerrow.

Voted, to accept the proposition of Pain's Fire Works Company for four nights at \$800.00 per night.

Mrs. Adda F. Howie, Superintendent-elect of Poultry Department, asked to be excused from her work at State Fair, in as much as she is about to visit Europe. Her request was granted, and the President and Secretary instructed to give her a letter of endorsement.

Bids were opened for the construction of walks on Fair Grounds, and the bid of the North-Western Tile Company, at 11 cents per square foot, was accepted; contracts to be drawn to agree with specifications of engineer.

On motion of Mr. Wylie, Bart J. Ruddle was elected Press Agent for coming Fair.

Mr. Newton of Janesville, presented plans and specifications for a new concrete stable, which were accepted, and Superintendent of Grounds was authorized to advertise for bids for the construction of the same, such bids to be received until Tuesday, June 19, at 12 o'clock, M.

Adjourned, until Tuesday, June 19, at 11 o'clock, A. M.

JOHN M. TRUE,
Secretary.

Fair Grounds, June 19, 1906.

Adjourned meeting, Board of Managers.

All members present except Mr. McKerrow.

Mr. J. T. Drought made application for use of track and Grounds for July 7th for an Automobile Meet.

Voted, to grant request, charges for same, \$50.00.

The Vice President was authorized to contract with the Pain Fire Works Company for fire works for, Monday, Tuesday, Wednesday, and Thursday of State Fair week, at \$3,200.

Bids were received for the construction of proposed new concrete stable as follows:

Otto Gelhaar & Co.....	\$9,600
Madsen, Christensen & Ingbretsen.....	10,600
W. T. Carson.....	9,653
L. A. Guetzkow.....	8,768
Stewart & Hager.....	9,387

On motion of Mr. Wylie, all bids were rejected.

On motion of Mr. Wylie, W. T. Carson was invited to submit to the Secretary at early date, bids for the complete construction of two new horse barns, of same dimensions and appearance of present buildings.

On motion of Mr. Fisher, Engineer Kirchoffer was requested to inspect Grand Stand as to its strength, and report to Secretary.

Superintendent Fisher was instructed to investigate the matter of building bleachers in connection with Grand Stand, and report to next meeting of Board.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, July 7, 1906.

Special meeting, Board of Managers.

All members present except Mr. McKerrow.

On motion of Mr. Wilcox, voted to contract with Mr. W. T. Carson for building two horse barns like those already upon the Grounds, except that they are to be roofed with slate instead of shingles; and one cattle barn of same length as horse barns, but eight feet wider, the price of horse barns to be \$1,383.00 each, and the price of cattle barn not to exceed the same

amount. All buildings to be finished on or before September 1st, next.

On motion of Mr. Fisher, voted to offer silver cups for show of heavy draft horses by brewers packers, etc., as follows.

Best Single Horse.

Best Two Horse Team.

Best Four Horse Team.

Best Six Horse Team.

Voted, to donate \$25.00 toward publication of card of West Allis Fire Company.

On motion of Mr. Fisher, voted to employ Mr. Carson to put in bleachers at north end of Grand Stand.

Bids for removing old covering of Grand Stand roof and re-covering, were received as follows:

Interior Wood Work Company, a paroid roof for \$1,130, and from Mr. Fitzpatrick of Green Bay, a felt and gravel roof for \$5.00 per square he also to repair wood-work of roof and paint the gutters, and guarantee his work against leakage for ten years. The proposition of Mr. Fitzpatrick was accepted and he was also employed to mend the roof of Art Building.

Voted, to appropriate \$50.00 to Mr. R. B. Watrous for expenses of trip in interests of advertising State Fair.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, July 20, 1906.

Special meeting, Board of Managers.

All members present except Mr. McKerrow.

On motion of Mr. Wilcox, the Secretary was instructed to prepare a schedule of music for State Fair from bids in his possession, and report the same to meeting of Board to be held July 31st.

Sponholz Company came before Board asking for payment of bonus for completion of track culvert before contract time.

Matter laid over until meeting of full Board.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, July 31, 1906.

Special meeting, State Board of Agriculture.

All members present.

Records of meetings of Board of Managers since last meeting of Board read by Secretary.

On motion of Mr. Fisher, voted to rescind vote whereby medals were offered to heavy draft teams entered by brewers or packers, and to make competition open.

On motion of Mr. Wylie, voted to create position of Superintendent of Grand Stand, such officer to have full charge of all work connected therewith, including turnstiles, gates and money changers.

Recess, until 1 o'clock, P. M.

1 o'clock, P. M.

The Secretary presented suggestive plans for entrance and turnstiles as main gate, which on motion of Mr. Wilcox were accepted and ordered built; with concrete floor and iron construction as far as possible.

The Secretary's report on music for Fair with recommendation for employment of Bands was read, and on motion, adopted.

On motion of Mr. Wilcox the Secretary was instructed to enter into contract with Dr. Roberts of Waukesha, for the running of a demonstration of bovine tuberculosis, advertising to be restricted to place of demonstration—one diseased animal to be killed daily, such exposition to be given in same place used last year for this purpose.

On motion of Mr. Everett, State Veterinarian E. D. Roberts was elected official veterinarian for coming Fair, without remuneration.

On motion of Mr. Kieckhefer the Superintendent of Grounds was instructed to, as far as possible, restore Indian mounds on Grounds.

On motion of Mr. Scott, voted to duplicate amount raised by Milwaukee citizens to secure Indian Exhibit, same not to exceed \$1,000, to be paid out as the needs may require.

On motion of Mr. Cox, appropriated \$50.00 for purchase of banners to be given as prizes in school parade, Monday September 10th.

On motion of Mr. Kieckhefer, Superintendent of Grounds

was instructed to arrange for electric lighting of buildings, and to secure a search light for track use.

Sponholz Company again presented claim for bonus on track culvert. Matter discussed by Engineer Kirchoffer and Mr. Sponholz.

The Board, on motion of Mr. Everett, voted to sustain action of Board of Managers in accepting engineer's statement, as a basis of settlement.

On motion of Mr. Scott, voted to place \$500.00 of advertising with The Wisconsin Agriculturist.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Aug. 24, 1906.

Meeting, Board of Managers.

All members present except Mr. Nelson.

Bill of North Western Tile Company for \$2,114.70 for concrete walks, etc., presented, and on motion of Mr. Wilcox, voted to pay \$1,500 on same, and have contractor continue work on stock barns.

Estimate of Architects Ferry & Clas for final payment to D. B. Danie'son, on pavilion, was presented, and on motion of Mr. Wilcox the Secretary was instructed to notify contractor and architects that tar and gravel roof was not satisfactory, and also that slates were broken in roof.

The Superintendent of Grounds was instructed in his discretion, to buy a larger safe for Treasurer's office.

The bill of Mr. Fitzpatrick for re-roofing Grand Stand and other buildings amounting to \$1 885.18, was presented, and ordered paid.

Superintendent Fisher was authorized to obtain offers for advertising on back of South bleachers.

An advertisement costing \$50 was authorized in State Fair number of Farmers' Sentinel.

The Secretary was instructed to call the attention of the Committee on Transportation and Special Trains at Fair, to the necessity of immediate action.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Sept. 6, 1906.

Meeting, Board of Agriculture.

Present,—Messrs. Wylie, Fisher, Roessler, Kieckhefer, Cox, McKerrow, Harvey, Nelson, Nordman and Scott.

On motion of Mr. Kieckhefer, voted to place only exit gate at which return checks are given under main entrance shed.

On motion of Mr. Wylie, instructed purchasing agent to buy not less than fifty chairs, and such benches as he sees fit.

On motion of Mr. Kieckhefer, vote of thanks was extended to Mr. John I. Beggs, of the Milwaukee Electric Railway and Light Company for assistance in fitting up approach to main entrance to Fair Grounds.

On motion of Mr. Roessler, voted to enter into contract with the Whitney Carnival Company and Gaskill Carnival Company for combined Shows.

On motion of Mr. Wylie, instructed Secretary to issue 15 tickets of admission to Grand Stand to each member of the Board.

The rule relative to non-issue of return checks to Grand Stand was rescinded, and the issue of such checks left to Superintendent Cox of Grand Stand.

On motion of Mr. Cox, Messrs. McKerrow, Harvey and Wylie were made a committee on issue of complimentary tickets to Milwaukee City officials, and others asking such favors.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Sept. 10, 1906.

Meeting, Board of Agriculture.

Present,—Messrs. Wylie, Fisher, Roessler, Cox, Kieckhefer, McKerrow, Harvey, Herbst and Wilcox.

On motion of Mr. Harvey, instructed gate-keepers to refuse admission to parties in a state of intoxication.

Voted, to change rules previously adopted so as to allow members of the Board to personally pass parties at ticket stiles and carriage gate.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Sept. 13, 1906.

Meeting, Board of Agriculture.

Present,—Messrs. Wylie, Roessler, Cox, McKerrow, Nordman, Harvey and Scott.

The protest of Renk Bros. of ruling of Superintendent of Sheep Department, barring them from exhibiting on account of non-arrival of exhibit until Tuesday morning, was received and considered, and on motion of Mr. Cox, the ruling of Superintendent was sustained.

Voted, that all gates opening into the Grounds are under the direction of Superintendent of Gates.

Voted, to admit all Bands in uniform and having instruments, to Grounds, when applying for admittance in a body.

On motion of Mr. Wylie, the Live Stock Judging Pavilion was accepted, and the Secretary instructed to pay the balance due D. B. Danielson for construction of same; also to pay Ferry & Clas balance due on architect's bill.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Sept. 14, 1906.

Meeting, Board of Agriculture.

Quorum present.

Mr. Wilcox presented claim of Mr. Allie Wooster for additional pay for Relay Running Races, and on motion of Mr. Roessler, voted to pay \$2,200 in full, for such attraction.

Superintendent of Speed Wilcox, reported an instance where a party entered in Speed Department was occasioned additional traveling expenses on account of being misinformed when race in which he was interested, would start. The party claimed damages, and on motion of Mr. Fisher, voted to refund such extra expense.

On motion of Mr. Wilcox, voted that the Board of Agriculture and its Secretary, in a body, attend the Illinois State Fair at Springfield, the details of arrangements for trip to be left to President and Secretary.

Adjourned.

JOHN M. TRUE,
Secretary.

Fair Grounds, Oct. 16, 1906.

Special meeting, Board of Managers.

All members present.

On motion of Mr. Wylie, voted to increase the salary of Press Agent, Bart J. Ruddle, fifty dollars over last year.

In consideration of bills of W. T. Carson for labor and material, voted to allow same as claimed, when satisfied that bills for material have been paid by him.

The purchase of an adding machine was laid over until first meeting of full Board.

On motion of Mr. Wylie, Superintendent Fisher was instructed to lock up pavilion and other buildings not in use, for the winter. He is also to have water stand pipe painted.

The bill of West Allis, for water supply, was laid over, and Superintendent Fisher was requested to investigate claim.

Elected the following members as delegates to the meeting of American Association of Fairs and Expositions, to be held in Chicago, early in December: Messrs. McKerrow, Wilcox, Fisher, Nelson, Scott and Everett.

Appointed the following committee to attend Stock Breeders' meeting and solicit special premiums for Fair of 1907,—Messrs. Wylie, Cox and McKerrow.

Voted, to appropriate \$25.00 for purchase of cup to be given as Special Premium for best Six Horse Draft Team. Awarded to Armour Company.

Adjourned.

JOHN M. TRUE,
Secretary.

Madison, Dec. 27, 1906.

Meeting, State Board of Agriculture.

All members present except Messrs. Scott and Nordman.

Minutes of meeting of Board of Managers, October 16th, read and approved.

On motion of Mr. Wylie, voted to fix date for Fair of 1907, for September 9-13.

On motion of Mr. Kieckhefer, voted to pay bill of West Allis, for water at time of last fair.

On motion of Mr. Kieckhefer, voted to buy Wales Adding Machine for office, at cost of \$340.00.

The Wisconsin Lakes Ice & Cartage Company's proposition

to furnish free ice for use of Dairy Building and Official Dining Hall, each year during the State Fair, for a term of five years, for the privilege of cutting all ice on Fair Grounds, and the exclusive privilege of sale on Fair Grounds, for same term of years, was on motion of Mr. Wylie, accepted for the coming year, except that privilege of sale should not be exclusive.

Mr. Bennest of Milwaukee, came before Board with proposal to organize a Band Tournament for next State Fair. Further consideration of the matter was laid over until an adjourned meeting to be held in February.

On motion of Mr. Wilcox, voted to appropriate \$700 for premiums for Educational Exhibit at next State Fair. The Secretary was instructed to prepare a list of premiums before next meeting of Board.

On motion of Mr. Wilcox, voted to procure fourteen sets of pictures of Indian Village at last Fair, at a cost of \$4.00 per set.

Colonel Salzman came before Board in behalf of Captain Ludington of Wisconsin Battery, asking certain privileges on Fair Grounds, and on motion of Mr. Kieckhefer, voted to allow Battery to put a chimney in Publicity Building, at its own expense, work to be done under direction of Superintendent Fisher.

Recess, until 1:30 P. M.

1:30 P. M.

Mr. Fisher presented an offer of T. J. Fleming to sell to State certain lands adjoining State Fair Park. On motion of Mr. Wylie, the Secretary was instructed to ask Mr. Fleming to submit a definite statement to this Board, of the extent and location of land under consideration, and the price for which he would sell the same; he to give an option on such land until action can be secured by Legislature.

The President appointed as Committee on Legislation, Messrs. Wylie, Fisher, Cox, Nelson and Wilcox.

On motion of Mr. Everett, voted to dispense with usual Convention the first week in February, no proper room for holding such Convention being available.

The Board adjourned until Tuesday, February 5th, 1907, at 10 o'clock, A. M.

JOHN M. TRUE,
Secretary.

Madison, Feb. 5, 1907.

Meeting, Board of Agriculture.

Present—Messrs. Wylie, Roessler, Cox, Watrous, McKerrow, Hill, Herbst, Nelson, Wilcox and Scott.

Minutes of last meeting were read, amended, and approved.

Mr. Wylie, Chairman of Committee to consider offer of sale of land to the State, reported that the committee had viewed the land and decided to recommend that it be not purchased.

On motion of Mr. Scott the report was adopted.

A communication from the Milwaukee Driving Club, asking for a continuation of their lease of privileges on State Fair Grounds for another year, was presented, and on motion of Mr. Wilcox, laid over until the annual meeting.

The Secretary presented a communication from the Secretary of the I. A. U., asking for the use of Fair Grounds for annual meet May 18th. Laid over until annual meeting.

A letter from President McKenny of Milwaukee, was read and the Secretary was authorized to proceed with publication of list of Educational premiums suggested by Mr. McKenny, and on motion of Mr. Roessler, the vote whereby \$700 was appropriated at last meeting, was re-considered, and increased to \$900.

On motion of Mr. Watrous, the State Superintendent's Office was asked to co-operate with us in advertising Educational Exhibit.

On motion of Mr. Wylie, Mr. Cox was authorized to investigate the propriety of securing an exhibit of minerals for next State Fair.

On motion of Mr. Wilcox, the Board asked for a continuance of a Committee of Conference from business Associations of Milwaukee.

On motion of Mr. Wylie, committees were ordered as follows:

On Live Stock Classes—Wylie, Cox and Nordman.

Agriculture, Horticulture and Dairy—Scott, Herbst and Hill.
Fine Arts and Woman's Work—Nelson, Everett and Fisher.

Speed and Special Attractions—Wilcox, Roessler and Watrous.

Messrs. Herbst, Roessler and Watrous were made a Committee on Audit of financial reports for year ending March 4th, 1907.

Adjourned.

JOHN M. TRUE,
Secretary.

SECRETARY'S FINANCIAL STATEMENT.

RECEIPTS.

No.	1906—April.	Amount.
	From whom and for what.	
1.	Robert Phillip, sale of wood.....	1 53
May.		
2.	J. W. Seideberg, suspension speed, 1905.....	150 00
3.	G. U. Fisher, collections.....	60 00
June.		
4.	M. H. Gosche, suspension speed, 1905.....	13 75
5.	Chicago Poultry Supply House, entry.....	2 00
6.	G. U. Fisher, collections.....	112 00
7.	A. Pearson, suspension speed, 1905.....	33 00
July.		
8.	C. J. Grubb, speed entry.....	50 00
9.	Fred Cline, speed entry.....	50 00
10.	Sutton & Bernard, speed entry.....	10 00
11.	Phillips Bros., speed entry.....	50 00
12.	G. U. Fisher, collections.....	50 00
13.	Champion Potato Machine Co., entry.....	2 00
14.	Dodge County, by F. J. Lindley, entry.....	2 00
15.	Oconto County, by R. A. Miniely, entry.....	2 00
16.	G. U. Fisher, collections.....	62 70
17.	Jerome Travis, suspension speed, 1902.....	33 00
August.		
18.	W. H. Stubblefield, withdrawal speed.....	75 00
19.	George J. Kepplinger, entry.....	2 00

No.	From whom and for what.	Amount.
20.	W. J. Moyle, entry.....	2 00
21.	A. W. & F. E. Fox, entry and stall rent.....	24 00
22.	George W. Saunders, withdrawal speed.....	75 00
23.	Isaac Stephenson, speed entry.....	50 00
24.	Augusta H. Wernich, entry.....	2 00
25.	Louise E. Wernich, entry.....	2 00
26.	Hoosier Drill Co., entry.....	2 00
27.	Lewis Lewellin & Sons, entry and stall rent.....	27 00
28.	Fred Vogel, Jr., entry.....	2 00
29.	Emil Falk, entry.....	2 00
30.	George E. Peterson, entry.....	2 00
31.	Jefferson County, by George Maurer, entry.....	2 00
32.	Sleep Bros., entry and stall rent.....	30 00
33.	Seymour Bros., entry and stall rent.....	16 00
34.	Alex. Klokner, entry.....	2 00
35.	Herman Goetsch, entry.....	2 00
36.	B. G. Bursch, entry.....	2 00
37.	Roberts Co., entry and stall rent.....	11 00
38.	J. H. Morris, entry.....	2 00
39.	Renk Bros., entry.....	2 00
40.	Howard Greene, entry and stall rent.....	12 00
41.	F. W. Huth, entry.....	2 00
42.	Mrs. Thomas Bowes, entry.....	2 00
43.	Swartz Bros., entry and stall rent.....	11 00
44.	Frank Bowar, entry.....	2 00
45.	F. W. Harding, entry.....	2 00
46.	Rust Bros., entry and stall rent.....	20 00
48.	Mrs. Lynn S. Pease, entries.....	4 00
47.	John A. Koenig, entry.....	2 00
49.	Void.	
50.	P. H. Kasper, entry.....	2 00
51.	U. L. Johnson, entry.....	2 00
52.	Silberzahn Gas Engine Co., entry.....	2 00
53.	Mrs. L. C. Huckstep, entry.....	2 00
54.	George W. Saunders, withdrawal speed.....	225 00
55.	W. J. Bernd, entry, stall and pen rent.....	20 10
56.	W. M. Jones, entry.....	2 00
57.	Walter Christian, entry.....	2 00
58.	Beaver Dam Mfg. Co., entry.....	2 00
59.	H. A. Kalk, entry.....	2 00
60.	Robert Naumann, entry.....	2 00

No.	From whom and for what.	Amount.
61.	T. L. Magruder, withdrawal speed.....	25 00
62.	Hugh Wallace, entry.....	2 00
63.	Jacob Kreuzscher, Jr., entry and pen rent.....	7 00
64.	Peter Vredenburg, withdrawal speed.....	60 00
65.	C. F. Brinkman, entry.....	2 00
66.	W. F. Krohn, entry.....	2 00
67.	O. R. McCormick, entry.....	2 00
68.	C. G. Senz, entry.....	2 00
69.	Ann Arbor Machine Co., entry.....	2 00
70.	Julia Bauman, entry.....	2 00
71.	Mrs. Louisa Wait, entry.....	2 00
72.	John Vogt, entry.....	2 00
73.	J. H. Elmer & Son, entry.....	2 00
74.	A. F. Krueger, entry.....	2 00
75.	G. J. Vogt, entry.....	2 00
76.	W. G. Bartholf, entry.....	2 00
77.	Richland Co. Horse Breeders' Assoc., entry and stal rent.	34 00
78.	G. A. Pence, withdrawal speed.....	30 00
79.	Arthur Kittinger, entry and coop rent.....	2 40
80.	Henry Barta, entry and coop rent.....	2 05
81.	F. H. Patten, entry.....	2 00
82.	Jos. K. Barta, Jr., entry and coop rent.....	2 45
83.	Pabst Stock Farm, entry and stall rent.....	53 00
84.	W. E. Prisk, entries.....	4 00
85.	E. J. Czamanske, entry.....	2 00
86.	W. P. Dunlap, entry.....	2 00
87.	F. H. Coriell, entry and pen rent.....	6 00
88.	Fritz Niederhauser, entry.....	2 00
89.	Jacob Slimmer, entry and stall rent.....	22 00
90.	F. E. McCormick, entry.....	2 00
91.	G. Vogel, entry.....	2 00
92.	H. J. Noblet, entry.....	2 00
93.	Schley Bos., entry and stall rent.....	10 00
93.	G. Muehlheiser, entry.....	2 00
95.	Sam Jones, entry and stall rent.....	16 00
96.	Louis Hasse, entry.....	2 00
97.	Mrs. T. P. Leonard, entry.....	2 00
98.	A. F. Guelzow, entry.....	2 00
99.	F. D. Conway, entry.....	6 50
100.	M. W. Hughes, entry.....	2 00
101.	Her Bros. & Reynolds, entry and stall rent.....	20 00

No.	From whom and for what.	Amount.
102.	Gentilly Dairy Assoc., entry.....	2 00
103.	Manlove Gate Co., entry.....	2 00
104.	Samuel Erb, entry.....	2 00
105.	A. R. Radtke, entry.....	2 00
106.	A. C. Koopman, entry.....	2 00
107.	W. A. Voigt, entry.....	2 00
108.	W. Woodard, entry.....	2 00
109.	Henry Tennessen, entry and stall rent.....	9 00
110.	Etzler & Moses, entry.....	2 00
111.	William Smiley, entry and stall rent.....	12 00
112.	W. J. Kelly, entry.....	2 00
113.	Eastview Stock Farm, withdrawal speed.....	300 00
114.	J. McD. Randles, entry.....	2 00
115.	J. T. Edwards, entry and stall rent.....	10 00
116.	Waukesha County, by John Grape, entry.....	2 00
117.	W. J. Martin, entry and pen rent.....	4 50
118.	Mrs. W. F. Borges, entry.....	2 00
119.	Walter Meyers, entry.....	2 00
120.	M. W. Reed, entry and pen rent.....	4 50
121.	Alex. Schaller, entry.....	2 00
122.	John H. Williams, entry and stall rent.....	24 00
123.	Ed Wunsch, entry.....	2 00
124.	A. & F. Norenberg, entry.....	2 00
125.	E. O. Siggelkow, entry.....	2 00
126.	A. M. Fiebrantz, entry.....	2 00
127.	Mrs. S. J. Nelson, entry.....	2 00
128.	J. C. Andras, entry and stall rent.....	12 00
129.	H. L. Mueller, entry.....	2 00
130.	F. E. Purdy, entry.....	2 00
131.	Chris. Kraak, entry.....	2 00
132.	C. F. Langhilde, entry.....	2 00
133.	Mrs. S. J. Curtis, entry.....	2 00
134.	William W. Vaughn & Sons, entry.....	2 00
135.	Mrs. H. J. Nicholson, entry.....	2 00
136.	John C. Robinson, entry.....	2 00
137.	Mrs. William Sweeney, entry.....	2 00
138.	R. Conrad, entry.....	2 00
139.	Pioneer Fruit Farm, entry.....	2 00
140.	James Hogan, entry and pen rent.....	4 00
141.	M. D. Cuninghame, entry and stall rent.....	20 00
142.	Pabst Stock Farm, box stall rent.....	3 00

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No.	From whom and for what.	Amount.
143.	A. R. Ives, entry.....	2 00
144.	Mrs. J. E. Mielke, entry.....	2 00
145.	A. J. Roycroft, entry.....	2 00
146.	Frank Shepherd, entry.....	2 00
147.	Mrs. A. F. Talbert, entry.....	2 00
148.	Weaver Bros., entry.....	2 00
149.	John F. Weaver, entry.....	2 00
150.	Otto R. Wiegand, entry.....	2 00
151.	Arnold Grimm, entry.....	2 00
152.	August Brandt, entry.....	2 00
153.	J. C. Weber, entry.....	2 00
154.	Fred Lueder, entry.....	2 00
155.	Frank Shersmith, entry.....	2 00
156.	Ole Hansen, entry.....	2 00
157.	E. L. Duxbury, entry.....	2 00
158.	J. F. Weber, entry.....	2 00
159.	Automatic Carrier Co., entry.....	2 00
160.	A. G. Morner, entry.....	2 00
161.	Mrs. Lydia E. Welsh, entry.....	2 00
162.	Eastman Bros., entry.....	2 00

September.

163.	H. W. Ayers, entry.....	2 00
164.	George Martin, entry and pen rent.....	6 00
165.	James T. Britt, entry.....	2 00
166.	S. B. Cook, entry.....	2 00
167.	J. J. Jackson, entry.....	2 00
168.	W. F. Gremke, entry.....	2 00
169.	Adam Seitz, entry.....	2 00
170.	E. D. Jones & Son, entry and stall rent.....	15 00
171.	A. J. Benedict, entry.....	2 00
172.	W. Lund, entry.....	2 00
173.	E. J. Fargo, entry and stall rent.....	16 00
174.	Mrs. C. G. Lee, entry.....	2 00
175.	L. A. Goodchild, entry.....	2 00
176.	J. C. Post, entry.....	2 00
177.	William Haag, entry.....	2 00
178.	Albert Beaumont, entry and pen rent.....	2 50
179.	R. C. Jones, entry.....	2 00
180.	J. Roy Gordon, entry and pen rent.....	2 50
181.	Mrs. C. E. Strong, entry.....	2 00

No.	From whom and for what.	Amount.
182.	Mrs. L. Sheldon, entry.....	2 00
183.	J. H. Pilgrim, entry.....	2 00
184.	Robert Pilgrim, entry.....	2 00
185.	Robert Pilgrim, entry.....	2 00
186.	S. L. Mann, entry and stall rent.....	4 00
187.	Walter H. Whitside, entry and stall rent.....	5 00
188.	G. E. Greenwood, entry.....	2 00
189.	Lydia Wollenburg, entry.....	2 00
190.	Mrs. W. P. Wegner, entry.....	2 00
191.	Mrs. S. W. Poppe, entry.....	2 00
192.	Mrs. C. G. Porter, entry.....	2 00
193.	C. C. Vanderwalker, entry.....	2 00
195.	B. F. Devoe, entry and stall rent.....	4 00
194.	Lizzie Mayer, entry.....	2 00
196.	Hugo Wilkowski, entry.....	2 00
197.	William Fox, entry.....	2 00
198.	J. E. Boettcher, entry.....	2 00
199.	Alfred Anderson, entry.....	2 00
200.	E. L. Benedict, entry and pen rent.....	4 00
201.	Fisher & Fisher, entry.....	2 00
202.	A. W. Zimmerman, entry.....	2 00
203.	A. L. Kleeber, entry.....	2 00
204.	Clara D. Martin & Son, entry and coop rent.....	2 45
205.	E. W. Schloemer, entry.....	2 00
206.	Ella C. Daniels, entry.....	2 00
207.	L. L. Bolstead, entry.....	2 00
208.	Geo. G. Humphrey, entry.....	2 00
209.	Edwin Hed, entry.....	2 00
210.	Anton Henseler, entry.....	2 00
211.	Grace Brodesser, entry.....	2 00
212.	Mrs. A. D. Stoppenbach, entry.....	2 00
213.	Josephine Stoppenbach, entry.....	2 00
214.	Ed Finn, entry and stall rent.....	14 00
215.	Owen Falley, entry.....	2 00
216.	Arthur Ott, entry and stall rent.....	4 00
217.	Chandler Bros., entry.....	2 00
218.	Mrs. R. H. Talbutt, entry.....	2 00
219.	E. B. Melendy, entry.....	2 00
220.	Jacob Baehler, entry.....	2 00
221.	Louden Machine Co., entry.....	2 00
222.	William Korb, entries and coop rent.....	4 05

No.	From whom and for what.	Amount.
223.	L. C. Sweet, entry.....	2 00
224.	F. E. Snyder, entry.....	2 00
225.	W. F. Pilgrim, entry.....	2 00
226.	Alfred Pilgrim, entry.....	2 00
227.	D. T. Pilgrim, entry.....	2 00
228.	A. Cole, entry.....	2 00
229.	Henry Donner, entry.....	2 00
230.	F. E. Anderson, entry.....	2 00
231.	Frank Wisner, entry.....	2 00
232.	J. H. Field, entry.....	2 00
233.	Dartmor Poultry Yards, entry.....	2 00
234.	W. B. Constantine, entry.....	2 00
235.	Stoughton Wagon Co., entry.....	2 00
236.	Stangel & Molitor, entry.....	2 00
237.	T. Carroll, entry and stall rent.....	14 00
238.	W. H. Edwards, entry.....	2 00
239.	W. J. Feind, entry.....	2 00
240.	Mrs. F. J. Granger, entry.....	2 00
241.	A. N. Kelly, entry.....	2 00
242.	Ruth R. Shults, entry.....	2 00
243.	E. L. Beers, entry.....	2 00
244.	Fred W. Borne, entry.....	2 00
245.	A. J. Wileman, entry.....	2 00
246.	N. M. Jewell, entry.....	2 00
247.	Phoebe S. Wilbur, entry.....	2 00
248.	L. J. Warner, entry.....	2 00
249.	C. D. Johnson, entry.....	2 00
250.	Humbert & White, entry.....	2 00
251.	Charles H. Paust, entry.....	2 00
252.	L. Dabareiner, entry.....	2 00
253.	Mrs. J. Gramza, entry.....	2 00
254.	Frank Blumenstein, entry.....	2 00
255.	Frank Spars, entry.....	2 00
256.	Viola Abert, entry.....	2 00
257.	Mrs. Susie Abert, entry.....	2 00
258.	H. C. Melcher, entry.....	2 00
259.	Mrs. John E. Winn, entry.....	2 15
260.	Reliance Iron & Engine Co., entry.....	2 00
261.	D. Sheldon, entry.....	2 00
262.	Mrs. A. Kingsbury, entry.....	2 00
263.	Mrs. E. C. Hoffman, entry.....	2 00

No.	From whom and for what.	Amount.
264.	Frank Hammann, entry.....	2 00
265.	Forest County, by M. S. Barker, entry.....	2 00
266.	Mrs. Henry Fischer, entry.....	2 00
267.	E. J. Thomas, entry.....	2 00
268.	R. W. Rowlands, entry and stall rent.....	8 00
269.	Geo. C. Blodgett, entry.....	2 00
270.	H. N. Thompson, entry.....	2 00
271.	W. H. Reed, entry and pen rent.....	12 00
272.	Western Malleable & Grey Iron Mfg. Co., entry.....	2 00
273.	Hans Berg, entry and stall rent.....	14 00
274.	Dr. A. J. Richter, entry.....	2 00
275.	R. B. Dobrogowski, entry and coop rent.....	6 75
276.	Mrs. R. B. Dobrogowski, entry and coop rent.....	6 75
277.	Geo. Ineichen & Son, entry and pen rent.....	5 00
278.	J. D. Hatch, entry and stall rent.....	18 00
279.	Progress Blue Ribbon Stud, entry.....	2 00
280.	Robert Flint, entry and pen rent.....	3 50
281.	Dor L. Hull, entry and stall rent.....	8 00
282.	W. B. Austin, entry and stall rent.....	5 00
283.	Geo. B. Buck & Co., entry.....	2 00
284.	Ernest Cobb, entry.....	2 00
285.	W. D. Becker, entry and pen rent.....	3 50
286.	J. G. Hickox, entry and stall rent.....	6 00
287.	J. R. Love, entry and coop rent.....	3 70
288.	E. A. Smith, entry.....	2 00
289.	A. W. Dopke, entry and stall rent.....	20 00
290.	Wash Cortner & Sons, entry and stall rent.....	8 00
291.	F. P. Bishop, entry and pen rent.....	2 50
292.	O. F. Roessler, privileges.....	335 00
293.	Nick Grimm, entry and stall rent.....	16 00
294.	Harrie Jones, withdrawal speed.....	250 00
295.	Martin Engbretson, entry.....	2 00
296.	N. E. Possley, entry.....	2 00
297.	Mrs. L. M. Buell, entry.....	2 00
298.	A. F. Westphal, entry.....	2 00
299.	E. H. Williams, entry and coop rent.....	4 00
300.	William C. Boldt, entry.....	2 00
301.	Fred Blaser, entry.....	2 00
302.	Ed Wittwer & Bro., entry.....	2 00
303.	F. Grimm, entry.....	2 00
304.	Walter C. Boldt, entry.....	2 00

No.	From whom and for what.	Amount.
305.	J. Weisensel, entry.....	2 00
306.	O. F. Roessler, privileges.....	204 00
307.	Pittsburg Steel Co., entry.....	2 00
308.	John M. Dunlop, entry.....	2 00
309.	George Jeffery, entry.....	2 00
310.	W. H. Van Schaick, entry.....	2 00
311.	Mrs. A. W. Lehman, entry.....	2 00
312.	Alex. Stewart Lumber Co., entry and stall rent.....	16 00
313.	Mrs. W. E. Langenberg, entry.....	2 00
314.	John Grape, entry.....	2 00
315.	G. F. Randall, entry.....	2 00
316.	A. H. Knoke, entries.....	4 00
317.	F. W. Bartelt, entry.....	2 00
318.	George Diesch, entry.....	10 00
319.	John Hoeffner, entry.....	2 00
320.	Murphy Bros., entry.....	2 00
321.	G. M. Matzwick, entry.....	2 00
322.	Mrs. J. W. Cutler, entry.....	2 00
323.	S. W. Hardy, entry.....	2 00
324.	R. C. Ganschow, entry.....	2 00
325.	E. A. Paddock, entry.....	2 00
326.	Math Meyer, entry.....	2 00
327.	Charles Sass, entry.....	2 00
328.	L. J. Dack, entry.....	2 00
329.	Mrs. J. H. McRostie, entry.....	2 00
330.	O. A. Kielsmeyer, entry.....	2 00
331.	L. A. Jansen, entry and coop rent.....	5 00
332.	Isabell Jansen, entry and coop rent.....	2 25
333.	Ida M. Dunning, entry.....	2 00
334.	Frank L. Schlick, entry.....	2 00
335.	W. J. Clark, entry.....	2 00
336.	F. A. Viergutz, entry.....	2 00
337.	George Mullen, entry.....	2 00
338.	A. E. McLane, entry.....	2 00
339.	Star Laundry Company, wagon ticket.....	2 00
340.	Parry Mfg. Co., entry.....	2 00
341.	Mrs. P. M. Kynaston, entry.....	2 00
342.	Mrs. A. Le Feber, entry.....	2 00
343.	Albert R. Zier, entry.....	2 00
344.	William Toole, entry.....	2 00
345.	Stauffacher & Roth, entry.....	2 00

No.	From whom and for what.	Amount.
346.	Frank J. Lindley, entry.....	2 00
347.	McLay Bros., entry and stall rent.....	30 00
348.	W. J. Hyne, entry.....	2 00
349.	J. A. Stetler, entry.....	2 00
350.	William Winder, entry.....	2 00
351.	H. W. Austin, entry.....	2 00
352.	John Hans, entry.....	2 00
353.	A. D. Brown, entry.....	2 00
354.	Mrs. L. W. Barnes, entry.....	2 00
355.	Mrs. John Hans, entry.....	2 00
356.	Eli Crall & Son, entry and pen rent.....	7 50
357.	Thomas O'Neill, entry.....	2 00
358.	Sarah Giblin, entry.....	2 00
359.	Casper Olson, entry.....	2 00
360.	J. C. Land, entry.....	2 00
361.	Dawson Bros., entry and coop rent.....	9 70
362.	Meta L. Baker, entry.....	2 15
363.	Minnie Dykins, entry.....	2 00
364.	Dela May, entry.....	2 00
365.	Lindsay Bros., entry.....	2 00
366.	Mrs. E. L. Douville, entry.....	2 00
367.	Fred Vogel, Jr., stall rent.....	20 00
368.	Mrs. H. L. Bertram, entry.....	2 00
369.	Luella Cooke, entry.....	2 00
370.	Lucile Cooke, entry.....	2 00
371.	Joseph Volz, entry.....	2 00
372.	Daiey & Wells, entry.....	2 00
373.	Richard P. Morrison, entry.....	2 00
374.	Mrs. J. R. Bosshardt, entry.....	2 00
375.	H. W. Koerner, entry.....	2 00
376.	Milwaukee Hay Tool Co., entry.....	2 00
377.	Etan M. Strohm, entry.....	2 00
378.	Van W. Pipal, entry.....	2 00
379.	Anna G. Billerbeck, entry.....	2 00
380.	C. A. Bremer, entry.....	2 00
381.	Geo. W. Kreul, entry.....	2 00
382.	Alex. Galbraith & Son, entry and stall rent.....	28 00
383.	Emma J. Davis, entry.....	2 00
384.	A. N. Finstad, entry.....	2 00
385.	R. S. Witte, entry and stall rent.....	10 00
386.	Peter Mrotek, entry.....	2 00

No.	From whom and for what.	Amount.
387.	Telfer Bros., entry.....	2 00
388.	Lloyd Jones Bros., entry.....	2 00
389.	John Lord, entry.....	2 00
390.	Chas. Casper, entry.....	2 00
391.	Eleanor Weiskopf, payment on entry.....	1 00
392.	F. B. Fargo, entry.....	2 00
393.	F. P. Bishop, pen rent.....	2 00
394.	William Augstein, entry.....	2 00
395.	Mrs. T. W. Baker, entry.....	2 00
396.	J. F. Bachman, entry.....	2 00
397.	O. F. Roessler, privileges.....	100 00
398.	Al Kroeger, entry.....	2 00
399.	The Thomas Mfg. Co., entry.....	2 00
400.	Geo. W. Kemp, entry.....	2 00
401.	Rock County, by E. Gabriel, entry.....	2 00
402.	Marjorie W. Nethercut, entry.....	2 00
403.	J. I. Case Plow Co., entry.....	2 00
404.	The Anderson Carriage Co., entry.....	10 50
405.	C. G. Loeber, entries Department E.....	10 50
406.	Durant-Dort Carriage Co., entry.....	2 00
407.	Mrs. F. W. Seymour, entry.....	2 00
408.	J. F. Dabareiner, entry.....	2 00
409.	Appleton Mfg. Co., entry.....	2 00
410.	Ernest Stolp & Co., entry.....	2 00
411.	La Crosse Plow Co., entry.....	2 00
412.	R. L. Adams, entry.....	2 00
413.	C. T. Gilbert, entry.....	2 00
414.	Mrs. H. E. Davis, entry.....	2 00
415.	Mrs. Martin Dreyfus, entry.....	2 00
416.	Mrs. Edna L. Sinsel, entry.....	2 00
417.	Creamery Supply Mfg. Co., entry.....	2 00
418.	Henry J. Shulte, entry.....	2 00
419.	Shadbolt & Boyd Iron Co., entry.....	2 00
420.	Elsie Mayer, entry.....	2 00
421.	Sandwich Mfg. Co., entry.....	2 00
422.	The J. B. Ford Co., entry.....	2 00
423.	Mrs. J. C. Davis, entry.....	2 00
424.	International Harvester Co., entry.....	2 00
425.	Mrs. Henry Butler, entry.....	2 00
426.	Noll Bros., entry.....	2 00
427.	Gale Mfg. Co., entry.....	2 00

WISCONSIN STATE BOARD OF AGRICULTURE.

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No.	From whom and for what.	Amount.
428.	Arthur Rorgue, entry.....	2 90
429.	D. M. Sechler, entry.....	2 00
430.	J. Glicke, wagon ticket.....	2 00
431.	Mrs. G. H. Reinhardt, entry.....	2 00
432.	Mrs. H. S. Rice, entry.....	2 00
433.	Wheeler Bros., wagon ticket.....	2 00
434.	R. S. Sheldon, entry.....	2 00
435.	The Althouse-Wheeler Co., entry.....	2 00
436.	Charles T. Hill, entry.....	2 00
437.	Mrs. H. Kuehn, entry.....	2 00
438.	Mrs. H. W. Haskell, entry.....	2 00
439.	Monitor Drill Co., entry.....	2 00
440.	R. E. Raedisch, entry.....	2 00
441.	Katie Schottola, entry.....	2 00
442.	Milwaukee Gardeners' Assoc., entry.....	2 00
443.	Dowagiac Mfg. Co., entry.....	2 00
444.	L. Atkins, entry.....	2 00
445.	Mrs. Caroline Federmeyer, entry.....	2 00
446.	Laura J. Lapham, entry.....	2 00
447.	Aug. A. Blanck, entry.....	2 00
448.	Armour & Co., entry.....	2 00
449.	Fred Allee, entry.....	2 00
450.	Mrs. Robert Ramsey, entry.....	2 00
451.	J. S. Palmer, entry.....	2 00
452.	F. H. Harms, entry.....	2 00
453.	Jacob Theisen, entry.....	2 00
454.	F. A. Flynn, entry.....	2 00
455.	W. L. Boas, entry.....	2 00
456.	Anthony Spalthoff, entry.....	2 00
457.	Boots & Stier, entry and coop rent.....	7 70
458.	Progress Blue Ribbon Stud, entry.....	2 00
459.	Robert Hardy, entry.....	2 00
460.	F. R. Austerman, entry and coop rent.....	3 00
461.	D. W. Powell, entry.....	2 00
462.	Mrs. R. Smith, entry.....	2 00
463.	A. J. Fraser, entry.....	2 90
464.	Collections Speed Department.....	125 00
465.	Mrs. Elizabeth Sykes, entry.....	2 00
466.	Mrs. C. D. Boettcher, entry.....	2 90
467.	Fuller & Johnson Mfg. Co., entry.....	2 00
468.	Worcester Salt Co., entry.....	2 00
469.	W. H. Steele, entry.....	2 00

No.	From whom and for what.	Amount.
470.	Harland Bros., entry.....	2 00
471.	Geo. W. Tultenz, entry.....	2 00
472.	Vermont Farm Machine Co., entry.....	2 00
473.	Fuller & Johnson Mfg. Co., entry.....	2 00
474.	C. L. Passmore, entry.....	2 00
475.	Jennie Rietveldt, entry.....	2 00
476.	K. J. Muir, entry.....	2 00
477.	S. S. Rich, entry.....	2 10
478.	William F. Engelland, entry.....	2 00
479.	Hastings Industrial Co., entry.....	2 00
480.	Mrs. H. Arends, entry.....	2 00
481.	Mrs. P. A. Chase, entry.....	2 00
482.	Mrs. A. E. Pierce, entry.....	2 00
483.	The Creamery Package Mfg. Co., entry.....	2 00
484.	The De Laval Separator Co., entry.....	2 00
485.	Deere & Mansur, entry.....	2 00
486.	Deere & Co., entry.....	2 00
487.	F. Meixner, wagon ticket.....	2 00
488.	T. B. McCauley, entry.....	2 00
489.	Joe De Gellecke, entry.....	2 00
490.	Hans Berg, entry.....	2 00
491.	Louise L. Dorr, entry.....	2 00
492.	P. E. Geimer, entry.....	2 00
493.	A. H. Barber Creamery Supply Co., entry.....	2 00
494.	J. J. Reid, entry.....	2 00
495.	H. Daniels, entry.....	2 00
496.	Clinton Kinney, entry.....	2 00
497.	A. O. Heilman, entry.....	2 00
498.	C. Williamson, entries and coop rent.....	9 00
499.	W. A. Patterson Co., entry.....	2 00
501.	Sharples Separator Co., entry.....	2 00
501.	Sharples Separator Co., entry.....	2 00
502.	G. R. Schubert, entry.....	2 00
503.	Elmwood Pigeon & Poultry Farm, entry.....	2 00
504.	J. P. Heer, entry and coop rent.....	3 95
505.	J. Conrad, entry and coop rent.....	2 30
506.	Frick Co., entry.....	2 00
507.	Rosenthal Corn Husker Co., entry.....	2 00
508.	Mrs. J. L. Grover, entry.....	2 00
509.	Douville Dairy Co., supply wagon ticket.....	2 00
510.	Zack Kinne, entry.....	2 00

No.	From whom and for what.	Amount.
511.	Parsons' B. C. & S. F. Co., entry.....	2 00
512.	Cressy & Johnson, entry.....	2 00
513.	Staver Carriage Co., entry.....	2 00
514.	Isabel Clapp, entry.....	2 00
515.	Carol Clapp, entry.....	2 00
516.	Bennie Hans, entry.....	2 00
517.	Currie Bros. Co., entry.....	2 00
518.	Mrs. B. Wichser, entry.....	2 00
519.	Buffalo-Pitts Co., entry.....	2 00
520.	Empire Cream Separator Co., entry.....	2 00
521.	W. E. James, Mfg. Co., entry.....	2 00
522.	Huber Mfg. Co., entry.....	2 00
523.	Willis Pollock, entry.....	2 00
524.	Jacob Diehl, entry.....	2 00
525.	Ina Lean, entry.....	2 00
526.	Jenny C. Lloyd, entry.....	2 00
527.	John C. Schulz, entry.....	2 00
528.	Void.	
529.	Inez Harlacher, entry.....	2 00
530.	Mrs. L. Yanke, entry.....	2 00
531.	Drew Elevator Carrier Co., entry.....	2 00
532.	Racine Sattley Co., entry.....	2 00
533.	Bateman Mfg. Co., entry.....	2 00
534.	Void.	
535.	Void.	
536.	Iowa County, by A. N. Kelly, entry.....	2 00
537.	Peoria Drill & Seeder Co., entry.....	2 00
538.	T. T. Hoffman, supply wagon.....	2 00
539.	Hunt-Helm-Ferris Co., entry.....	2 00
540.	R. J. Schwab & Son Co., entry.....	2 00
541.	Mrs. J. C. Brandel, entry.....	2 00
542.	Mrs. W. F. Grimshaw, entry.....	2 00
543.	Wis. Red Polled Breeders' Assoc., special premium.....	50 00
544.	Janesville Machine Co., entry.....	2 00
545.	E. F. Ingold, entry.....	2 00
546.	H. Wolf, entry and coop rent.....	2 65
547.	Mrs. F. V. McBeath, entry.....	2 00
548.	William Pepper, entry.....	2 00
549.	Tensfne Matzen, entry.....	2.00
550.	Mrs. J. F. Roe, entry.....	2 00
551.	Dr. J. F. Roe, entry and coop rent.....	4 25

No.	From whom and for what.	Amount.
552.	Mrs. A. Krause, entry.....	2 00
553.	Van Brunt Mfg. Co., entry.....	2 00
554.	Mrs. L. E. Greenleaf, entry.....	2 00
555.	International Salt Co., entry.....	2 00
556.	Lavaline Mfg. Co., entry.....	2 00
557.	Marie Holman, entry.....	2 00
558.	Daphne Hunt, entry.....	2 00
559.	John E. Hartley, entry.....	2 00
560.	A. F. Love, entry.....	2 00
561.	Adams County, by Geo. E. Reynolds, entry.....	2 00
562.	J. Dorsch & Sons, entry.....	2 00
563.	Fish Bros. Wagon Co., entry.....	2 00
564.	Mrs. F. A. Blankenhorn, entry.....	2 00
565.	Fay Lewis & Bros. Co., supply wagon ticket.....	2 00
566.	J. I. Case Threshing Machine Co., entry.....	2 00
567.	O. F. Roessler, privileges.....	473 00
568.	Sutter & Jacobi Co., entries.....	6 00
569.	John C. Weber, entry and coop rent.....	2 25
570.	F. P. Adler, wagon ticket.....	3 00
571.	Ferdinand Vanselow, entry.....	2 00
572.	Herman Vanselow, entry.....	10 75
573.	Fairbanks-Morse Co., entry.....	2 00
574.	Elsie Gerlach, entry.....	2 00
575.	Hoppe & Morris Cement Post Co., entry.....	2 00
576.	La Porte Carriage Co., entry.....	2 00
577.	C. G. Voland, entry.....	2 00
578.	Walter Sullivan, entry.....	2 00
579.	Veronica Sullivan, entry.....	2 00
580.	Idle Hour Poultry Yards, entry.....	2 00
581.	W. J. Williamson, entry.....	2 00
582.	Mrs. H. P. Weissenborn, entry.....	2 00
583.	A. C. Bandlow, supply wagon ticket.....	2 00
584.	Clara M. Bodden, entry.....	2 00
585.	Mrs. A. F. White, entry.....	2 00
586.	S. F. Freeman & Sons, entry.....	2 00
587.	E. D. Ochsner, entry.....	2 00
588.	J. J. Ochsner, entry.....	2 00
589.	C. M. Theille, entry.....	2 00
590.	Eleanor C. Hansen, entry.....	2 00
591.	Anna Reiter, entry.....	2 00
592.	Lillian Zimmerman, entry.....	2 00
593.	Luther Bros. Co., entry.....	2 00

No.	From whom and for what.	Amount.
594.	J. B. Rowell Co., entry.....	2 00
595.	G. I. Gullicksen, entry.....	2 00
596.	J. M. Johnson, entry.....	2 00
597.	Edgewood Farms, entry.....	2 00
598.	Mrs. H. D. Broker, entry.....	2 00
599.	Mrs. H. Rahte, entry.....	2 00
600.	D. Maercklein, entry.....	2 00
601.	Joseph Holub, entry.....	2 00
602.	Clarence Salentine, entry.....	2 00
603.	Laura Corbielle, entry.....	2 00
604.	Mrs. J. B. Kynaston, entry.....	2 00
605.	Mrs. Geo. E. Meade, entry.....	2 00
606.	Mrs. A. E. Schaub, entry.....	2 00
607.	Wernich Seed Co., entry.....	2 00
608.	Ferdinand Vanselow, coop rent.....	40
609.	Dain Mfg. Co., entry.....	2 00
610.	Mitchell Carrier Mfg. Co., entry.....	2 00
611.	W. G. Taylor, wagon ticket.....	2 00
612.	Albert Elsner, Jr., entry.....	2 00
613.	Tom Busabachi, entry.....	2 00
614.	Peter Rotier, entry.....	2 00
615.	Hirsch Bros., entry.....	2 00
616.	S. L. Allen Co., entry.....	2 00
617.	Boerth & Borth Co., two wagon tickets.....	4 00
618.	Olsen & Richardson, entry.....	2 00
619.	Chas. Budilisky, wagon ticket.....	2 00
620.	Kate Forrer, entry.....	2 00
621.	A. M. Schulz, entry and coop rent.....	2 35
622.	Mrs. H. J. Quinn, entry.....	2 00
623.	Keller & Schuler, entry.....	2 00
624.	Mrs. E. Willas Heileasaeter, entry.....	2 00
625.	Mrs. Amanda Pagels, entry.....	2 00
626.	Pasbrig Bros., entry and coop rent.....	4 00
627.	H. T. Seeman, entry.....	2 00
628.	H. Wolf, coop rent.....	15
629.	H. Groh, wagon ticket.....	2 00
630.	Mrs. Ed. O. Byrne, entry.....	2 00
631.	Cook Mfg. Co., entry.....	2 00
632.	M. E. Dining Hall, wagon ticket.....	2 00
633.	O. F. Roessler, privileges.....	392 00
634.	J. S. Nowak, entry.....	2 00
635.	Robt. Guentzel, entry and coop rent.....	4 10

No.	From whom and for what.	Amount.
636.	H. Kretchmer, entry and coop rent.....	3 40
637.	O. E. Knoke, entry.....	2 00
638.	Eleanor Weiskopf, balance entry.....	1 00
639.	Ben Roam, entry.....	2 00
640.	M. J. Mahlik, entry.....	2 00
641.	Mrs. P. C. Radloff, entry.....	2 00
642.	W. O. Stanton, entry.....	2 00
643.	Ziegler & Grosskopf, entry.....	2 00
644.	Geo. J. Kellogg & Sons, entry.....	2 00
645.	H. A. Main, entry.....	2 00
646.	G. H. Neilson, entry.....	4 00
647.	M. G. Douma, entry.....	2 00
648.	H. Lewis, entry.....	2 00
649.	H. W. Priebe, entry.....	2 00
650.	Dr. Max Staehle, entry and coop rent.....	2 25
651.	F. Hadler, entry.....	2 00
652.	Geo. Gallaway, entry.....	2 00
653.	Wagner Bros., entry.....	2 00
654.	Harry Markert, entry.....	2 00
655.	John Markert, entry.....	2 00
656.	John Graf, supply wagon ticket.....	3 00
657.	Atlas Bread Co., wagon ticket.....	2 00
658.	W. Ziegler, entry.....	2 00
659.	M. P. & S. E. Lantz, entry.....	2 00
660.	F. Lounsbury, enteries.....	4 00
661.	C. Gerlach, entry.....	2 00
662.	R. J. Schaefer, entry.....	2 00
663.	Eddie Finn, entry.....	2 00
664.	Mrs. W. Peters, entry.....	2 00
665.	Wisconsin Carriage Co., entry.....	2 00
666.	Lily Ackman, entry.....	2 00
667.	David Bradley Co. of Wisconsin, entry.....	2 00
668.	W. B. Barney, stall rent.....	3 00
669.	H. B. Daggett, wagon ticket.....	2 00
670.	F. C. Simonet, wagon ticket.....	2 00
671.	Union Bottling Works, wagon ticket.....	2 00
672.	F. M. Wright, wagon ticket.....	2 00
673.	The C. P. & J. Lauson Co., entry.....	2 00
674.	E. L. Husting, supply wagon.....	3 00
675.	Void.	
676.	A. R. Nitz, Wagon ticket.....	2 00

No.	From whom and for what.	Amount.
677.	Holcomb Bros., wagon ticket.....	3 00
678.	Forage and Transportation Department.....	60 90
679.	Geo. Schmid, wagon ticket.....	2 00
680.	Johnson & Field, entry.....	2 00
681.	M. Blumberg, wagon ticket.....	2 00
682.	Velie Carriage Co., entry.....	2 00
683.	Moline Wagon Co., entry.....	2 00
684.	Speed Department.....	280 00
685.	A. B. Hoyt, entry.....	2 00
686.	B. Brill, wagon ticket.....	2 00
687.	C. F. Nobles, wagon ticket.....	2 00
688.	Cyclone Fence Co., entry.....	2 00
689.	W. Warner, wagon ticket.....	2 00
690.	J. H. Gevaart, wagon ticket.....	2 00
691.	Smith Mfg. Co., entry.....	2 00
692.	Alma Mfg. Co., entry.....	2 00
693.	George Cooke, entry and coop rent.....	3 00
694.	O. F. Roessler, privileges.....	904 50
695.	The John Lauson Mfg. Co., entry.....	2 00
696.	C. J. Amberson, wagon ticket.....	2 00
697.	P. Frieden, wagon ticket.....	2 00
698.	D. Jenner, entry.....	2 00
699.	Smith-Blodgett, wagon tickets.....	4 00
700.	M. H. Nobles, wagon ticket.....	2 50
701.	Skiles Bakery Co., wagon ticket.....	2 00
702.	Philip Casey Co., entry.....	2 00
703.	Wagner & Gohres, wagon ticket.....	2 00
704.	New Way Motor Co., entry.....	2 00
705.	Adrian Wire Fence Co., entry.....	2 00
706.	C. J. Mogle, entry.....	2 00
707.	B. Gross, wagon ticket.....	2 00
708.	O. F. Roessler, privileges.....	425 00
709.	A. F. Donner, wagon ticket.....	2 00
710.	A. A. Arnold & Sons, entry.....	2 00
711.	Miller & Co., wagon ticket.....	2 00
712.	W. J. Lamper, wagon ticket.....	2 00
713.	J. P. Anderson & Son, entry.....	2 00
714.	My Laundry Co., wagon ticket.....	2 00
715.	M. Carpenter Bakery Co., wagon ticket.....	2 00
716.	Severance Tank Co., entry.....	2 00
717.	Smalley Mfg. Co., entry.....	2 00

No.	From whom and for what.	Amount.
718.	J. J. Rodig, entry.....	2 00
719.	J. Hannon, entry.....	2 00
720.	Admission on supply wagon.....	50
721.	Racine Hatcher Co., entry.....	2 00
722.	Corn Belt Mfg. Co., entry.....	2 00
723.	Hurley Machine Co., entry.....	2 00
724.	H. Lopousch, wagon ticket.....	2 00
725.	R. A. Sullivan, wagon ticket.....	2 00
726.	P. L. Sherer, wagon ticket.....	2 00
727.	G. A. Behnke, wagon ticket.....	2 00
728.	Dixon & Deaner, entry.....	2 00
729.	Stahler & Greeley, wagon ticket.....	2 00
730.	Dr. Oscar Strauss, entry.....	2 00
731.	Dr. Lewis J. Daniels, entry.....	2 00
732.	Helen Roddy, entry.....	2 00
733.	Collins Plow Co., entry.....	2 00
734.	W. A. McHenry, entry.....	2 00
735.	Milwaukee Machine Co., entry.....	2 00
736.	Void.	
737.	J. L. Owens Co., entry.....	2 00
738.	Chas. Naumann, wagon ticket.....	2 00
739.	William Tegge, entry.....	2 00
740.	Rust Bros., supply ticket.....	2 00
741.	A. E. Hildeman, entry.....	2 00
742.	Colonial Salt Co., entry.....	2 00
743.	C. Cicenciollo, wagon ticket.....	2 00
744.	A. Pischko, wagon ticket.....	2 00
745.	S. B. Friday Co., entry.....	2 00
746.	Belle City Mfg. Co., entry.....	2 00
747.	Barrett Mfg. Co., entry.....	2 00
748.	O. F. Roessler, privileges.....	469 00
749.	P. C. Peterson, entry.....	2 00
750.	Geo. Kreuzer, entry.....	2 00
751.	John Stean, wagon ticket.....	2 00
752.	West Allis Grocery Co., wagon ticket.....	2 00
753.	Boston Bakery, wagon ticket.....	2 00
754.	Divan Bros., entry.....	2 00
755.	G. Moeracle, wagon ticket.....	2 00
756.	The Vehicle Apron and Hood Co., entry.....	2 00
757.	R. E. Blodgett, wagon ticket.....	2 00
758.	Benham Co., wagon ticket.....	2 00

No.	From whom and for what.	Amount.
759.	Forage and Transportation Department.....	115 00
760.	G. N. Foster, entry.....	2 00
761.	Eli Crall & Son, pen rent.....	1 00
762.	J. R. Peake & Son, entry.....	2 00
763.	James Hogan, pen rent.....	1 00
764.	Speed Department.....	725 00
765.	O. F. Roessler, privileges.....	767 50
766.	Lewis Bros., entry and pen rent.....	8 00
767.	G. W. Parnell, entry.....	2 00
768.	A. C. Greene, entry.....	2 00
769.	E. M. Moore, entry and pen rent.....	8 00
770.	Geo. Martin, pen rent.....	1 00
771.	McLay Bros., stall rent.....	4 00
772.	B. F. DeVoe, stall rent.....	2 00
773.	Geo. E. Kelly entry and pen rent.....	4 50
774.	E. J. Thomas, stall rent.....	2 00
775.	J. G. Rieff, entry.....	2 00
776.	C. L. Clarke & Co., entry.....	2 00
777.	F. W. Niesman, entry.....	2 00
778.	W. S. Dixon, entry and pen rent.....	6 00
779.	E. G. Roberts, entry.....	2 00
780.	P. F. Stain, wagon ticket.....	2 90
781.	W. A. McHenry, stall rent.....	16 00
782.	L. S. Lenard, wagon ticket.....	3 00
783.	Kissel & Son, entry.....	2 00
784.	J. C. Robinson & Son, stall and pen rent.....	8 50
785.	Wm. W. Vaughn & Son, pen rent.....	5 00
786.	H. J. Noblet, pen rent.....	4 50
787.	L. W. Cochran, entry and stall rent.....	39 90
788.	A. A. Arnold & Sons, pen rent.....	8 00
789.	Post & West, entry.....	2 00
790.	Post & West, entry.....	2 00
791.	Nick Grimm, stall rent.....	2 00
792.	J. Bareuther, wagon ticket.....	2 00
793.	Dixon & Deaner, stall rent.....	10 00
794.	Chas. T. Hill, pen rent.....	3 00
795.	Walter Kramer, entry.....	2 00
796.	Baptist Dining Hall, supply wagon ticket.....	2 00
797.	J. D. McRandles, stall and pen rent.....	12 00
798.	H. P. West, entries and pen rent.....	10 00
799.	Fond du Lac County, by H. P. West, entry.....	2 00

No.	From whom and for what.	Amount.
800.	C. H. Lewis, entry and stall rent.....	6 60
801.	Trinity Church, supply wagon ticket.....	2 00
802.	F. H. Paten, pen rent.....	6 00
803.	W. G. Bartholf, pen rent.....	5 00
804.	Armour & Co., entry and stall rent.....	21 00
805.	O. F. Roessler, privileges.....	744 40
806.	H. A. Briggs, stall rent.....	30 00
807.	J. R. Love, stall and coop rent.....	2 60
808.	Janesville Cement Post Co., entry.....	2 00
809.	Weaver Bros., pen rent.....	5 50
810.	C. G. Wilcox, speed department.....	150 00
811.	Adam Seitz, stall rent.....	22 00
812.	Waukesha Brewing Co., wagon ticket.....	2 00
813.	A. J. Benedict, pen rent.....	2 00
814.	F. A. Austerman, stall rent.....	2 00
815.	A. R. Ives, stall rent.....	18 00
816.	C. D. Johnson, pen rent.....	2 50
817.	W. R. McKowan, wagon ticket.....	2 00
818.	H. W. Ayers, stall rent.....	16 00
819.	C. G. Wilcox, speed department.....	800 00
820.	J. T. Edwards, stall rent.....	12 00
821.	Deere Plow Co., jobbers' tickets.....	4 00
822.	E. H. Weber, entries.....	4 00
823.	Gade Bros. Mfg. Co., entry.....	2 00
824.	O. F. Roessler, privileges.....	100 00
825.	Renk Bros., pen rent.....	9 50
826.	The Robert & Rom Co., entry.....	2 00
827.	Humbert & White, pen rent.....	4 00
828.	Divan Bros., stall rent.....	16 00
829.	Speed Department collections.....	1,000 00
830.	L. J. Gripman, suspension speed.....	14 69
831.	Forage and Transportation Department.....	50 00
832.	O. F. Roessler, privileges.....	81 00
833.	Zack Kinne, pen rent.....	2 50
834.	W. D. Becker, pen rent.....	2 00
835.	Neu & Hahn, entry.....	2 00
836.	A. J. Barrett, wagon ticket.....	2 00
837.	C. R. Dawson, entry.....	2 00
838.	L. P. Martiny, entry.....	2 00
839.	Deere & Co., jobbers' tickets.....	1 60
840.	Gibson Mfg. Co., entry.....	2 00

No.	From whom and for what.	Amount.
841.	Forage and Transportation Department.....	10 00
842.	W. Woodward, pen rent.....	2 50
843.	R. C. Jones, stall rent.....	16 00
844.	A. N. Kelly, pen rent.....	3 50
845.	Onward Mfg. Co., entry.....	2 00
846.	O. F. Roessler, privileges.....	368 75
847.	Forage and Transportation Department.....	140 00
848.	Speed Department, collections.....	1,105 00
849.	Jack Walsh, wagon ticket.....	2 90
850.	E. Muray tickets.....	250 00
851.	O. F. Roessler privileges.....	184 00
852.	W. J. Kelly, pen rent.....	1 50
853.	N. M. Jewell & Son, pen rent.....	1 50
854.	Miller Packing Co., wagon ticket.....	2 00
855.	Etzler & Moses, pen rent.....	4 00
856.	Cargill & McMillan, entry.....	2 00
857.	Cargill & McMillan, stall rent.....	16 00
858.	Wadhams Grease & Oil Co., tickets.....	35 00
859.	G. F. Holub, wagon ticket.....	1 00
860.	Speed Department, collections.....	675 00
861.	O. F. Roessler, privileges.....	56 90
862.	Speed Department.....	650 00
863.	O. F. Roessler, privileges.....	416 00
864.	Speed Department.....	250 00
865.	Helen Rasmussen, entry.....	2 00
866.	Deere & Co., jobbers tickets.....	2 00
867.	Telfer Bros., stall rent.....	4 00
868.	Deere & Mansur Co., tickets.....	5 00
869.	The Velie Carriage Co., tickets.....	5 00
870.	Ticket sold, ===.....	1 00
871.	Void	
872.	O. F. Roessler, privileges.....	155 00
873.	Forage and Transportation Department.....	116 00
874.	Speed Department, collections.....	40 00
875.	Speed Department, collections.....	225 00
876.	O. F. Roessler, privileges.....	350 00
877.	M. P. & L. E. Lantz, pen rent.....	4 00
878.	O. F. Roessler, privileges.....	271 00
879.	C. D. Rosa.....	400 00
880.	O. F. Roessler, privileges.....	217 45
881.	E. Murray, tickets.....	63 75

No.	From whom and for what.	Amount.
882.	—, wagon ticket	1 00
883.	Void.	
884.	R. A. Sullivan, wagon ticket.....	1 00
885.	Speed Department, collections.....	1,625 00
886.	Hans Berg, stall rent.....	6 00
887.	Wheeler Bros., wagon ticket.....	1 00
888.	W. H. Edwards, pen rent.....	3 50
889.	Speed Department, collections.....	1,625 00
890.	Speed Department, collections.....	250 00
891.	Speed Department, collections.....	40 00
892.	O. F. Roessler, privileges.....	478 95
893.	Forage and Transportation Department.....	200 00
894.	Speed Department, collections.....	2,160 00
895.	O. F. Roessler, privileges.....	617 00
896.	Forage and Transportation Department.....	262 16
897.	O. F. Roessler, privileges.....	230 00
898.	O. F. Roessler, privileges.....	158 10
899.	Speed Department, collections.....	860 00
901.	Forage and Transportation Department.....	128 19
901.	Forage and Transportation Department.....	128 00
902.	Meal tickets.....	83 00
903.	C. E. Mateson, collections department E.....	6 00
904.	Speed Department, collections.....	230 00
905.	Meal tickets.....	115 75
906.	Speed Department, collections.....	450 00
907.	L. E. Scott, sales of butter and cheese.....	5 50
908.	Geo. M. Studebaker, speed entry.....	150 00
909.	Float Jolly, speed entry—balance.....	90 00
910.	Wm. T. Maypole, speed entry.....	75 00
911.	Ethelwold Farms, entry, stall and pen rent.....	46 00
912.	L. S. Meyer, speed entry.....	75 00
913.	Fred Seacord, speed entry.....	30 00
914.	H. Bone, speed entry.....	75 00
915.	W. H. McDoel, speed entry.....	100 00
916.	W. A. Coulter, speed entry.....	30 00
917.	August Uihlein, entry and stall rent.....	60 00
918.	A. L. Denio, speed entry.....	30 00
919.	W. A. Wickham, speed entry.....	30 00
920.	O. F. Roessler, privileges.....	110 00
921.	H. B. Stanz, sale of cheese.....	565 13
922.	W. P. Ijams, speed entry.....	50 00

WISCONSIN STATE BOARD OF AGRICULTURE.

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No.	From whom and for what.	Amount.
923.	Grattan Stock Farm, speed entry.....	155 00
924.	G. A. Fritsche, for Milwaukee H. S. meet, charges.....	10 00

October.

925.	Am. Clydesdale Assoc., special prem.....	200 00
926.	E. M. Wood, speed entry.....	75 00
927.	Fred Wylie, butter sold.....	1 43
928.	J. G. More, entry fees on dairy exhibits.....	106 00
929.	American Cotswold Breeders' Assoc., special prems....	50 00
930.	F. W. Harding, tickets.....	40 00
931.	Forage and Transportation Department.....	159 15
932.	American Shorthorn Breeders' Assoc., spl. prem.....	933 00
933.	Am. Hampshire Down Breeders' Assoc., spl. prems....	17 00
934.	William Willer, Jr., sec., rental of track Milwaukee Driving Club.....	135 00
934a.	International Harvester Co. tickets.....	40 00
935.	H. B. Stanz, balance sale of cheese.....	2 33
936.	American Southdown Breeders' Assoc., special prems....	20 00
937.	American Aberdeen-Angus Breeders' Assoc., spl. prems.	147 00
938.	John M. True, butter and cheese sold.....	7 60

November.

939.	Wis. Horse Breeders' Assoc., special premiums.....	397 00
940.	M. H. Grossman, tickets.....	59 25
941.	American Trotting Assoc., collections.....	441 40
942.	Am. Oxford Down Record Association, special prems....	60 00
943.	Am. Chester White Record Assoc., special premiums....	25 00
944.	Void.	
945.	American Trotting Assoc., collections.....	16 67

December.

946.	Chas. J. Strobel, airship expenses.....	94 57
947.	Wis. Sheep Breeders' Assoc., special premiums.....	120 00
948.	W. L. Houser, special, Department C.....	35 00
949.	Balance A. A. Breeders Assoc., special premium.....	12 00
950.	American Trotting Association, collections.....	213 75

1907—February.

951.	Grant U. Fisher, collections.....	138 00
952.	Grant U. Fisher, collections.....	1 00

SECRETARY'S WARRANT ACCOUNT.

DISBURSEMENTS.

March.		
No.	To whom and for what.	Amount.
1.	Geo. G. Cox, expenses.....	\$23 75
2.	Geo. G. Cox, superintendent of grounds.....	25 00
3.	George McKerrow, expenses.....	\$23 75
4.	A. LeFeber, grain.....	8 75
5.	J. L. Herbst, expenses.....	11 98
6.	C. H. Everett, expenses.....	9 03
7.	C. W. Harver, expenses.....	19 75
8.	L. E. Scott, expenses.....	17 31
9.	Ed Nordman, expenses.....	16 51
10.	Democrat Printing Co., subscription.....	1 25
11.	James J. Nelson, expenses.....	26 09
12.	C., M. & St. P. Ry., transportation of cinders.....	6 60
13.	Gustav Buss, hay.....	23 25
14.	John Streuli, labor.....	1 75
15.	Geo. Wylie, expenses.....	4 00
16.	W. C. Ganschow, sale of cheese.....	6 20
17.	Void.	
18.	Robert Phillip, wages, March.....	45 00
19.	B. L. Wentworth, salary, March.....	50 00
20.	John M. True, salary, March.....	150 00
21.	C. D. Rosa, expenses, trip to Madison.....	3 36
22.	Void.	
23.	F. W. Curtiss, photographs.....	142 55
24.	Mrs. A. L. Kelly, stenographic report conv.....	118 34
25.	D. B. Danielson, payment on contract.....	2000 00
26.	Ferry & Clas, payment on architects' fees.....	500 00
April.		
27.	James J. Nelson, expenses.....	18 56
28.	C. W. Harvey, expenses.....	6 60
29.	John M. True, expenses trip to Milwaukee.....	5 85

No.	To whom and for what.	Amount.
30.	F. C. Jirachek, harness repairs.....	2 25
31.	Ed Nordman, expenses.....	12 93
32.	L. E. Scott, expenses.....	18 0i
33.	Geo. G. Cox, expenses.....	13 60
34.	G. U. Fisher, expenses.....	33 53
35.	Geo. McKerrow, expenses.....	9 81
36.	Smith-Blodgett Co., mdse.....	5 78
37.	Sponholz Co., payment on concrete bridge.....	2500 00
38.	John M. True, expenses trip to Milwaukee.....	7 60
39.	Robert Phillip, wages, April.....	45 00
40.	B. L. Wentworth, salary, April.....	50 00
41.	John M. True, salary, April.....	150 00

May.

42.	Geo. McKerrow, expenses.....	3 98
43.	James J. Nelson, expenses.....	56 83
44.	Cream City Bill Posting Co., advertising, 1905.....	100 00
45.	D. B. Danielson, payment on pavilion.....	6500 00
46.	John M. True, expenses trip to Milwaukee.....	7 28
47.	Albert Ziegler, labor.....	15 00
48.	Louis Elgas, labor.....	15 00
49.	Herman Jaeger, labor.....	11 80
50.	Fred Gusell labor.....	15 20
51.	V. Schanning, labor.....	7 00
52.	Mike Smith, labor.....	11 20
53.	James Dwyer, labor.....	6 00
54.	Thomas Glancey, labor.....	5 00
55.	Ed Barnekow, labor.....	4 00
56.	Thomas Lutsen, labor.....	6 00
57.	John Barnekow, labor.....	4 00
58.	Harry Barnekow, labor.....	2 00
59.	C. A. Brown, labor.....	26 00
60.	H. Raymond, wages.....	50 00
61.	A. LeFeber, hay and grain.....	38 46
62.	E. J. Kempf, advertising, 1905.....	75 00
63.	George Wylie, expenses.....	30 48
64.	John M. True, expenses trip to Milwaukee.....	8 18
65.	Sponholz Co., balance contract and extras.....	951 07
66.	Smith-Blodgett Co., mdse.....	9 33
67.	William Campen, testing engine.....	7 00
68.	A. Gilmore, repairs.....	5 02

No.	To whom and for what.	Amount.
69.	J. McNeil, hay.....	14 52
70.	Charles Schulte, labor.....	16 60
71.	Ed Lutsen, labor.....	26 60
72.	Fred Gussell, labor.....	15 40
73.	Mike Smith, labor.....	18 60
74.	Albert Ziegler, labor.....	25 00
75.	Louis Elgas, labor.....	25 00
76.	Herman Jaeger, labor.....	18 00
77.	V. Schanning, labor.....	18 00
78.	James Dwyer, labor.....	18 00
79.	Thomas Glancey, labor.....	18 00
80.	Ed Barnekow, labor.....	27 00
81.	Harry Barnekow, labor.....	18 00
82.	A. Brown, labor.....	28 00
83.	Bunde & Upmeyer, badges.....	28 00
84.	Robert Phillip, labor.....	14 60
85.	B. L. Wentworth, salary, May.....	50 00
86.	H. Raymond, wages May.....	50 00
87.	John M. True, salary, May.....	150 00
88.	Chippewa Falls Herald, advertising.....	10 00
89.	Chippewa Falls Times, advertising.....	10 00
90.	Madison Democrat, advertising.....	10 00
91.	State Journal, advertising.....	10 00
92.	Superior Telegram advertising.....	10 00
93.	Eau Claire Leader, advertising.....	10 00
94.	Eau Claire Telegram, advertising.....	10 00
95.	Fond du Lac Commonwealth, advertising.....	10 00
96.	Fond du Lac Reporter, advertising.....	10 00
97.	Jefferson County Union, advertising.....	10 00
98.	Jefferson Banner, advertising.....	10 00
99.	La Crosse Chronicle, advertising.....	10 00
100.	Marinette Eagle, advertising.....	10 00
101.	Appleton Post, advertising.....	10 00
102.	Racine Journal, advertising.....	10 00
103.	Racine News, advertising.....	10 00
104.	Racine Times, advertising.....	10 00
105.	Janesville Gazette, advertising.....	10 00
106.	Sheboygan Herald, advertising.....	10 00
107.	Delavan Republican, advertising.....	10 00
108.	Elkhorn Independent, advertising.....	10 00
109.	Whitewater Register, advertising.....	10 00

No.	To whom and for what.	Amount.
110.	Waukesha Press, advertising.....	10 00
111.	Waukesha Freeman, advertising.....	10 00
112.	Oshkosh Northwestern, advertising.....	10 00
113.	Draft returned to treasury.....	10 00
114.	Ashland Press, advertising.....	5 00
115.	Cumberland Advocate, advertising.....	5 00
116.	Rice Lake Chronotype, advertising.....	5 00
117.	De Pere Democrat, advertising.....	5 00
118.	De Pere News, advertising.....	5 00
119.	Green Bay Gazette advertising.....	5 00
120.	Green Bay Advocate, advertising.....	5 00
121.	Chilton Democrat, advertising.....	5 00
122.	Chilton Times, advertising.....	5 00
123.	Columbus Democrat, advertising.....	5 00
124.	Columbus Republican, advertising.....	5 00
125.	Portage Democrat, advertising.....	5 00
126.	Portage Register, advertising.....	5 00
127.	Prairie du Chien Courier, advertising.....	5 00
128.	Prairie du Chien Union, advertising.....	5 00
129.	Cambridge News, advertising.....	5 00
130.	Stoughton Hub, advertising.....	5 00
131.	Mayville Banner, advertising.....	5 00
132.	Mayville Pioneer, advertising.....	5 00
133.	Fox Lake Representative, advertising.....	5 00
134.	Horicon Reporter, advertising.....	5 00
135.	Juneau Telephone, advertising.....	5 00
136.	Beaver Dam Argus, advertising.....	5 00
137.	Beaver Dam Citizen, advertising.....	5 00
138.	Waupun Leader, advertising.....	5 00
139.	Waupun Democrat, advertising.....	5 00
140.	Menomonie News, advertising.....	5 00
141.	Ripon Commonwealth, advertising.....	5 00
142.	Boscobel Enterprise, advertising.....	5 00
143.	Platteville Times, advertising.....	5 00
144.	Fennimore Times, advertising.....	5 00
145.	Brodhead Independent, advertising.....	5 00
146.	Brodhead Register, advertising.....	5 00
147.	Monroe Journal-Gazette, advertising.....	5 00
148.	Berlin Journal, advertising.....	5 00
149.	Dodgeville Chronicle, advertising.....	5 00
150.	Black River Falls Banner, advertising.....	5 00

No.	To whom and for what.	Amount.
151.	Jefferson County Journal, advertising....	5 00
152.	Palmyra Enterprise, advertising.....	5 00
153.	Waterloo Democrat, advertising.....	5 00
154.	Watertown Gazette, advertising.....	5 00
155.	Watertown Leader, advertising.....	5 00
156.	Watertown Weltbuerger, advertising.....	5 00
157.	Watertown Times, advertising.....	5 00
158.	Watertown Times, advertising.....	5 00
158.	Lake Mills Leader, advertising.....	5 00
159.	Mauston Star, advertising.....	5 00
160.	Kenosha News, advertising.....	5 00
161.	Kenosha Telegraph-Courier, advertising.....	5 00
162.	Kenosha Union, advertising.....	5 00
163.	Draft returned to treasurer.....	5 00
164.	Darlington Democrat, advertising.....	5 00
165.	Darlington Journal, advertising.....	5 00
166.	Kiel Zeitung, advertising.....	5 00
167.	Manitowoc Post, advertising.....	5 00
168.	Manitowoc Pilot, advertising.....	5 00
169.	Manitowoc News, advertising.....	5 00
170.	Wausau Herald, advertising.....	5 00
171.	Central Wisconsin, advertising.....	5 00
172.	Marinette Star, advertising.....	5 00
173.	Wauwatosa Independent, advertising.....	5 00
174.	Oconto Enterprise, arvertising.....	5 00
175.	Oconto Reporter, advertising.....	5 00
176.	Appleton Crescent, advertising.....	5 00
177.	Kaukauna Sun, advertising.....	5 00
178.	Kaukauna Times, advertising.....	5 00
179.	Cedarburg News, advertising.....	5 00
180.	Port Washington Advocate, advertising.....	5 00
181.	Stevens Point Journal, advertising.....	5 00
182.	Stevens Point Gazette, advertlsing.....	5 00
183.	Burlington Free Press, advertising.....	5 00
184.	Burlington Star-Democrat, advertising.....	5 00
185.	Union Grove Enterprise, advertising.....	5 00
186.	Waterford Post, advertising.....	5 00
187.	Beloit Free Press, advertising.....	5 00
188.	Beloit News, advertising.....	5 00
189.	Draft returned to treasurer.....	5 00
190.	Milton Telephone, advertising.....	5 00

No.	To whom and for what.	Amount.
191.	Edgerton Tobacco Grower, advertising.....	5 00
192.	Edgerton Eagle, advertising.....	5 00
193.	Janesville Recorder, advertising.....	5 00
194.	Sauk County Democrat, advertising.....	5 00
195.	Baraboo News, advertising.....	5 00
196.	Baraboo Republic, advertising.....	5 00
197.	Sheboygan Falls News, advertising.....	5 00
198.	Plymouth Reporter, advertising.....	5 00
199.	Sheboygan Herald, advertising.....	5 00
200.	Sheboygan Journal, advertising.....	5 00
201.	Sheboygan Zeitung, advertising.....	5 00
202.	Sheboygan National Democrat, advertising.....	5 00
203.	Viroqua Censor, advertising.....	5 00
204.	Whitewater Gazette, advertising.....	5 00
205.	Lake Geneva Herald, advertising.....	5 00
206.	Delavan Enterprise, advertising.....	5 00
207.	Kewaskum Statesman, advertising.....	5 00
208.	Hartford Press, advertising.....	5 00
209.	West Bend News, advertising.....	5 00
210.	The Sugar Beet, advertising.....	5 00
211.	Menomonee Falls News, advertising.....	5 00
212.	Oconomowoc Free Press, advertising.....	5 00
213.	Oconomowoc Enterprise, advertising.....	5 00
214.	Waukesha Dispatch, advertising.....	5 00
215.	Clintonville Tribune, advertising.....	5 00
216.	Waupaca Post, advertising.....	5 00
217.	Waupaca Record, advertising.....	5 00
218.	Waupaca Republican, advertising.....	5 00
219.	Neenah Times, advertising.....	5 00
220.	Neenah News, advertising.....	5 00
221.	Menasha Anzeiger, advertising.....	5 00
222.	Marshfield News, advertising.....	5 00
223.	Marshfield Times, advertising.....	5 00
224.	O. F. Roessler, expenses.....	27 29
225.	Adams County Express, advertising.....	3 00
226.	Barron County Shield, advertising.....	3 00
227.	Washburn News, advertising.....	3 00
228.	Mondovi Herald, advertising.....	3 00
229.	Grantsburg Journal, advertising.....	3 00
230.	Brillion News, advertising.....	3 00

No.	To whom and for what.	Amount.
231.	Bloomer Advance, advertising.....	3 00
232.	Stanley Republican, advertising.....	3 00
233.	Neillsville Times, advertising.....	3 00
234.	Neillsville Republican, advertising.....	3 00
235.	Loyal Tribune, advertising.....	3 00
236.	Kilbourn Mirror-Gazette, advertising.....	3 00
237.	Rio Reporter, advertising.....	3 00
238.	Wisconsin Rundschau, advertising.....	3 00
239.	Pardeeville Times, advertising.....	3 00
240.	Poynette Press, advertising.....	3 00
241.	Lodi Enterprise, advertising.....	3 00
242.	Soldiers Grove, advertising.....	3 00
243.	Mt. Horeb Times, advertising.....	3 00
244.	Deerfield Enterprise, advertising.....	3 00
245.	De Forest Times, advertising.....	3 00
246.	Stoughton Courier, advertising.....	3 00
247.	Sun Prairie Countryman, advertising.....	3 00
248.	Oregon Observer, advertising.....	3 00
249.	Mazomanie Sickle, advertising.....	3 00
250.	Cambria News, advertising.....	3 00
251.	Randolph Advance, advertising.....	3 00
252.	Reeseville Review, advertising.....	3 00
253.	Sturgeon Bay Advance, advertising.....	3 00
254.	Augusta Eagle, advertising.....	3 00
255.	Brandon Times, advertising.....	3 00
256.	Campbellsport News, advertising.....	3 00
257.	Crandon Republican, advertising.....	3 00
258.	Ladysmith Budget, advertising.....	3 00
259.	Grant County Herald, advertising.....	3 00
260.	Lancaster Teller, advertising.....	3 00
261.	Montfort Mail, advertising.....	3 00
262.	Albany Vindicator, advertising.....	3 00
263.	Draft returned to Treasurer.....	3 00
264.	Monticello News, advertising.....	3 00
265.	Berlin Courant, advertising.....	3 00
266.	Dartford Republican, advertising.....	3 00
267.	Princeton Star, advertising.....	3 00
268.	Princeton Republican, advertising.....	3 00
269.	Kingston Spy, advertising.....	3 00
270.	Markesan Herald, advertising.....	3 00
271.	Dodgeville Sun, advertising.....	3 00

No.	To whom and for what.	Amount.
272.	Highland Press, advertising.....	3 00
273.	Mineral Point Democrat, advertising.....	3 00
274.	Mineral Point Tribune, advertising.....	3 00
275.	Hurley Miner, advertising.....	3 00
276.	Elroy Leader, advertising.....	3 00
277.	Elroy Tribune, advertising.....	3 00
278.	Wonewoc Republican, advertising.....	3 00
279.	Necedah Republican, advertising.....	3 00
280.	New Lisbon Argus, advertising.....	3 00
281.	Mauston Chronicle, advertising.....	3 00
282.	Blanchardville Blade, advertising.....	3 00
283.	Pick & Gad, advertising.....	3 00
284.	Merrill Advocate, advertising.....	3 00
285.	Merrill News, advertising.....	3 00
286.	Athens Leader, advertising.....	3 00
287.	Westfield Central Union, advertising.....	3 00
288.	Montello Express, advertising.....	3 00
289.	Sparta Democrat, advertising.....	3 00
290.	Sparta Herald-Advertiser, advertising.....	3 00
291.	Draft return to Treasurer.....	3 00
292.	Tomah Monitor, advertising.....	3 00
293.	Dale Recorder, advertising.....	3 00
294.	Seymour Press, advertising.....	3 00
295.	Shiocton News, advertising.....	3 00
296.	Port Washington Zeitung, advertising.....	3 00
297.	River Falls Journal, advertising.....	3 00
298.	Osceola Sun, advertising.....	3 00
299.	Entering Wrdge, advertising.....	3 00
300.	John M. True, expenses trip to Milwaukee.....	7 80
301.	Phillips Times, advertising.....	3 00
302.	Iola Herald, advertising.....	3 00
303.	Richland Democrat, advertising.....	3 00
304.	Republican Observer, advertising.....	3 00
305.	Richland Rustic, advertising.....	3 00
306.	Clinton Banner, advertising.....	3 00
307.	Clinton Herald, advertising.....	3 00
308.	Evansville Enterprise, advertising.....	3 00
309.	Evansville Tribune, advertising.....	3 00
310.	Hudson Star and Times, advertising.....	3 00
311.	Reedsburg Free Press, advertising.....	3 00
312.	Reedsburg Times, advertising.....	3 00

No.	To whom and for what.	Amount.
313.	Pioneer Press, advertising.....	3 00
314.	Weekly Home News, advertising.....	3 00
315.	Sauk County News, advertising.....	3 00
316.	Hayward Republican, advertising.....	3 00
317.	Shawano Advocate, advertising.....	3 00
318.	Wittenberg Enterprise, advertising.....	3 00
319.	Medford Waldbote, advertising.....	3 00
320.	Galesville Independent, advertising.....	3 00
321.	Viroqua Leader, advertising.....	3 00
322.	Eagle River Review, advertising.....	3 00
323.	East Troy News, advertising.....	3 00
324.	Shell Lake Register, advertising.....	3 00
325.	Beobachter, advertising.....	3 00
326.	West Bend Beobachter, advertising.....	3 00
327.	West Bend Pilot, advertising.....	3 00
328.	Eagle Quill, advertising.....	3 00
329.	Hartland News, advertising.....	3 00
330.	Mukwanago Chief, advertising.....	3 00
331.	Weyauwega Chronicle, advertising.....	3 00
332.	New London Press, advertising.....	3 00
333.	New London Republican, advertising.....	3 00
334.	Manawa Advocate, advertising.....	3 00
335.	Hancock News, advertising.....	3 00
336.	Wautoma Argus, advertising.....	3 00
337.	Winneconne Local, advertising.....	3 00
338.	Omro Herald, advertising.....	3 00
339.	Omro Journal, advertising.....	3 00
340.	Wood County Reporter, advertising.....	3 00
341.	Grand Rapids Tribune, advertising.....	3 00
342.	Wisconsin Valley Leader, advertising.....	3 00
343.	Hartford Times, advertising.....	5 00

June.

344.	W. G. Kirchoffer, services as engineer.....	59 57
345.	Chas. Schulte, labor.....	25 80
346.	Fred Gussell, labor.....	36 50
347.	Mike Smith, labor.....	29 80
348.	Garry Wolf, labor.....	12 00
349.	Fred Hawes, labor.....	10 00
350.	Albert Ziegler, labor.....	13 00
351.	Louis Elgas, labor.....	27 00

No.	To whom and for what.	Amount.
352.	Herman Jaeger, labor.....	25 00
353.	V. Schanning, labor.....	23 30
354.	Jas Dwyer, labor.....	14 00
355.	Thomas Glancey, labor.....	21 70
356.	Ed Barnekow, labor.....	16 00
357.	Harry Barnekow, labor.....	19 00
358.	A. Brown, labor.....	28 00
359.	Robert Phillip, labor.....	26 00
360.	P. Wiswell, labor.....	11 00
361.	Peter DeBeck, labor.....	16 00
362.	A. LeFeber, grains.....	44 40
363.	John M. True, expenses trip to Milwaukee.....	7 15
364.	Smith-Blodgett Co., mdse.....	22 88
365.	B. J. Barrett, repairs on house.....	54 85
366.	The Ansell Ticket Co., tickets.....	7 50
367.	Democrat Printing Co., subscription.....	1 25
368.	G. U. Fisher expenses.....	25 00
369.	G. U. Fisher, salary superintendent Grounds, Apr., May	200 00
370.	American Trotting Assoc., dues.....	100 00
371.	John M. True, expenses trip to Milwaukee.....	6 75
372.	Chas. Schulte, labor.....	36 00
373.	Fred Gussell, labor.....	40 00
374.	Mike Smith, labor.....	8 00
375.	Fred Hawes, labor.....	8 00
376.	Gary Wolf, labor.....	8 00
377.	Louis Elgas, labor.....	22 60
378.	Herman Jaeger, labor.....	24 00
379.	V. Schanning, labor.....	24 00
380.	Jas. Dwyer, labor.....	22 00
381.	Thos. Glancey, labor.....	26 00
382.	Henry Barnekow, labor.....	24 00
383.	A. Brown, labor.....	26 00
384.	Robert Phillip, labor.....	26 00
385.	Peter DeBeck, labor.....	25 00
386.	Arthur Ott, labor.....	18 00
387.	James J. Nelson, expenses.....	78 17
388.	F. W. Curtiss, photographs.....	66 13
389.	Rockford Tack & Nail Co., tacks.....	11 40
390.	American Sign Co., cloth advertising.....	759 30
391.	H. Raymond, wages, June.....	50 00

No.	To whom and for what.	Amount.
392.	John M. True, salary, June.....	150 00
393.	B. L. Wentworth, salary, June.....	50 00
394.	Pennsylvania Coal & Supply Co., clay pipe.....	11 52
395.	DeGroat & Co., mower repairs.....	1 10
396.	Independent Oil & Grease Co., oil.....	19 65
397.	A. Gilmore, blacksmithing.....	3 59
398.	George Wylie, expenses.....	31 48

July.

399.	Robert Phillip, hayrack, grindstone, etc.....	15 00
400.	Chas. Schulte, labor.....	28 00
401.	Fred Gussell, labor.....	45 60
402.	L. Elgas, labor.....	25 80
403.	Herman Jaeger, labor.....	26 00
404.	V. Schanning, labor.....	25 80
405.	Jas. Dwyer, labor.....	10 20
406.	Thos. Glancey, labor.....	26 00
407.	Harry Barnekow, labor.....	26 00
408.	A. Brown, labor.....	26 00
409.	Robert Phillip, labor.....	26 00
410.	Peter DeBeck, labor.....	26 00
411.	Arthur Ott, labor.....	17 40
412.	Zene Fisher, labor.....	12 00
413.	M. Slathers, labor.....	7 00
414.	Thos. Skinner, labor.....	3 00
415.	Lee Raymond, labor.....	2 25
416.	John M. True, special help in office.....	6 00
417.	Chicago Horseman, advertising speed.....	45 36
418.	C. G. Wilcox, expenses.....	64 82
419.	John M. True, expenses trip to Milwaukee.....	7 65
420.	John Gallagher Co., hay covers.....	16 00
421.	R. B. Watrous, expenses trip advertising Fair.....	50 00
422.	C. C. Pollworth Co., stock for flower bed.....	15 00
423.	A. Gilmore, blacksmithing.....	5 98
424.	A. LeFeber, straw.....	5 00
425.	Sentinel Company, advertising.....	3 00
426.	Horse World, advertising speed.....	27 00
427.	G. U. Fisher, salary, Supt. Grounds, June.....	100 00
428.	John M. True, special help in office.....	6 00
429.	Milwaukee Free Press, advertising.....	4 20
430.	John Abbott, labor.....	18 00

No.	To whom and for what.	Amount.
431.	Chas. Schulte, labor.....	24 00
432.	Fred Gussell, labor.....	43 40
433.	Thos. Skinner, labor.....	24 00
434.	L. Elgas, labor.....	20 00
435.	V. Schanning, labor.....	20 00
436.	Herman Jaeger, labor.....	22 00
437.	Peter DeBeck, labor.....	22 00
438.	Thos. Glancey, labor.....	23 00
439.	Harry Barnekow, labor.....	10 00
440.	A. Brown, labor.....	20 00
441.	Robert Phillip, labor.....	22 00
442.	Zene Fisher, labor.....	21 00
443.	Thos. Skinner, labor.....	24 00
444.	William Welk, labor.....	26 00
445.	John Blatter, labor.....	22 00
446.	Chas. Miller, labor.....	14 30
447.	Arthur Ott, labor.....	12 00
448.	John M. True, paid for tacks.....	1 50
449.	John M. True, expenses trip to Milwaukee.....	6 00
450.	James J. Nelson, expenses.....	37 23
451.	Horseman & Stockman, advertising speed.....	17 80
452.	Rockford Tack & Nail Co., tacks.....	5 70
453.	H. Raymond, wages, July.....	50 00
454.	B. L. Wentworth, salary, July.....	50 00
455.	John M. True, salary, July.....	150 00
August.		
456.	Milwaukee Sentinel, advertising.....	3 00
457.	John M. True, expenses trip to Milwaukee.....	8 00
458.	J. S. Donald, expenses to Milwaukee.....	9 40
459.	The Horseman, advertising speed.....	10 00
460.	Ansell Ticket Co., tickets for Gaskill Shows.....	40 50
461.	Ringer & Hertzberg, albums.....	70 00
462.	J. L. Herbst, expenses.....	14 63
463.	Clark Engraving & Printing Co., halftones.....	18 40
464.	St. Louis Button Co., badges.....	24 50
465.	Kentucky Stock Farm, advertising speed.....	33 25
466.	Arthur Ott, labor.....	6 00
467.	Fred Gussell, labor.....	49 00
468.	Fred Hawes, labor.....	42 60
469.	L. Elgas, labor.....	23 60

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No.	To whom and for what.	Amount.
470.	V. Schanning, labor.....	25 60
471.	Herman Jaeger, labor.....	26 20
472.	Peter DeBeck, labor.....	26 50
473.	Thos. Glancey, labor.....	26 50
474.	Harry Barnekow, labor.....	24 40
475.	A. Brown, labor.....	30 00
476.	Robert Phillip, labor.....	18 50
477.	Zene Fisher, labor.....	24 60
478.	Thos. Skinner, labor.....	26 50
479.	William Welk, labor.....	26 50
480.	John Blatter, labor.....	13 00
481.	John Abbott, labor.....	16 50
482.	Chas. Miller, labor.....	28 40
483.	William Mulligan, labor.....	23 00
484.	Western Horseman Co., advertising speed.....	52 00
485.	Horse Review, advertising speed.....	79 75
486.	C. W. Harvey, expenses.....	6 58
487.	W. T. Carson, building bleachers.....	233 93
488.	James J. Nelson, expenses.....	30 12
489.	Germania Herold Association, advertising.....	4 00
490.	J. B. Lanigan, repairs on typewriter.....	2 00
491.	Frank Jirachek, mdse.....	4 55
492.	John M. True, expenses trip to Milwaukee.....	7 20
493.	Ed Nordman, expenses.....	18 24
494.	Smith-Blodgett Co., mdse.....	129 36
495.	H. G. Potter, material and labor.....	21 00
496.	W. H. J. Kieckhefer, Treas., Indian Village.....	250 00
497.	J. H. Gevaart, gasoline, etc.....	22 95
498.	West Allis Lumber Co., mdse.....	146 65
499.	F. E. Walsh, coal.....	21 00
500.	J. DeGroat & Co., mower repairs.....	5 45
501.	A. Gilmore, blacksmithing.....	6 01
502.	Geo. G. Cox, expenses.....	13 85
503.	The Journal Company, advertising.....	4 00
504.	Milwaukee Free Press Co., advertising.....	2 30
505.	L. E. Scott, expenses.....	17 89
506.	W. G. Kirchoffer, services engineer.....	18 53
507.	A. LeFeber, oats.....	20 00
508.	Tainsh & Co., printing.....	3 50
509.	Sponholz Co., bonus on culvert.....	185 00
510.	Fehring Bros., advertising.....	22 50

No.	To whom and for what.	Amount.
511.	Clark Engraving & Printing Co., premium ribbons..	448 50
512.	Kentucky Farmer & Breeder, advertising speed....	32 00
513.	Riverside Printing Co., advertising paper.....	20 00
514.	W. T. Carson, payment on barns.....	500 00
515.	B. J. Barrett, striping wagon.....	3 00
516.	Fred Gussell, labor.....	45 00
517.	L. Elgas, labor.....	22 20
518.	V. Schanning, labor.....	25 20
519.	Herman Jaeger, labor.....	25 40
520.	Peter DeBeck, labor.....	24 40
521.	Thos. Glancey, labor.....	23 20
522.	Harry Barnekow, labor.....	24 60
523.	A Brown, labor.....	25 00
524.	Robert Phillip, labor.....	25 50
525.	Zene Fisher, labor.....	20 00
526.	Thos. Skinner, labor.....	25 40
527.	William Welk, labor.....	22 80
528.	John Abbott, labor.....	19 40
529.	Chas. Miller, labor.....	26 00
530.	William Mulligan, labor.....	25 00
531.	Geo. DeBruine, labor.....	26 60
532.	John Miller, labor.....	26 60
533.	M. Leach, labor.....	25 20
534.	Frank Orton, labor.....	11 80
535.	M. L. Smith, advertising.....	11 20
536.	Greve Show Print Co., advertising paper.....	60 00
537.	Geo. Wylie, expenses.....	23 46
538.	Greve Show Print Co., balance advertising paper....	30 00
539.	Hoard's Dairyman, advertising.....	20 00
540.	E. L. Hindman, prints.....	10 50
541.	B. D. Christianson, advertising.....	1 25
542.	Geo. M. Leonard, advertising.....	2 00
543.	J. W. Thomas, advertising.....	1 75
544.	Schall & Leonard, advertising.....	1 50
545.	H. Raymond, wages, August.....	50 00
546.	B. L. Wentworth, salary, August.....	50 00
547.	John M. True, salary, August.....	150 00
548.	John M. True, expenses trip to Milwaukee.....	7 85
549.	C. D. Rosa, expenses.....	8 68
550.	H. G. Potter, labor and material.....	300 00
551.	C. G. Wilcox, expenses.....	50 90

No.	To whom and for what.	Amount.
552.	Ehrman Mfg. Co., celluloid badges.....	10 00
553.	International Construction Co., advertising paper....	108 00
554.	The Badger Publishing Co., advertising.....	15 00
555.	Pfister & Vogel, spent tan bark.....	281 58
556.	North Western Tile Co., sidewalks, etc.....	1,500 00
557.	The M. H. Wittzius Co., banners for school parade..	40 00
558.	Herman Rieck, use of scrapers.....	14 00
559.	A. Beaupline, services on engine.....	4 00
560.	W. D. Cook, roof repairing by D. Fitzpatrick.....	1885 00
561.	M. Winter Lumber Co., show cases.....	271 08
562.	E. L. Hindman, printing.....	2 00
563.	C. M. & St. P. Ry., tanbark and slate.....	261 41
564.	W. T. Carson, slate roofing.....	484 59
565.	Frank Rubas, advertising.....	2 25
566.	J. A. Hawes, advertising.....	28 84
567.	John Hanus, advertising.....	5 18
568.	H. V. Benzie, advertising.....	3 50
569.	R. H. Wilson, advertising.....	22 58
570.	F. E. Shults, advertising.....	7 64
571.	Chas. C. Miller, advertising.....	6 62
572.	R. E. Werner, advertising.....	3 45
573.	L. Stang & Sons, advertising.....	20 00
574.	C. A. Griffith, advertising.....	7 83
575.	D. McFarlane, advertising.....	2 40
576.	Laube Bros., advertising.....	2 90
577.	George E. Dee, advertising.....	14 34
578.	G. Winkel, advertising.....	1 80
579.	H. J. Paas, advertising.....	12 25
580.	W. C. Graeber, advertising.....	3 00
581.	A. Van Trot & Son, advertising.....	2 35
582.	Peter Devery, advertising.....	8 08
583.	E. L. Ross & Son, advertising.....	1 60
584.	O. O. Jones, advertising.....	5 00
585.	H. M. Raymond, advertising.....	3 28
586.	Carl Stussy, advertising.....	27 46
587.	Byron E. Button, advertising.....	2 75
588.	P. B. Haber, advertising.....	22 24
589.	Chas. B. Rogers, advertising.....	3 00
590.	Henry Carlson, advertising.....	6 50
591.	Lind Bill Posting Co., advertising.....	2 25
592.	H. L. Rumrill, advertising.....	17 00

No.	To whom and for what.	Amount.
593.	H. H. Smith, advertising.....	3 50
594.	Meyers Posting & Distributing Co., advertising.....	50 96
595.	John D. Laws, advertising.....	3 75
596.	Erickson & Co., Posting Service, advertising.....	19 25
597.	J. W. Lone, advertising.....	4 70
598.	Cream City Bill Posting Co., advertising.....	255 65
599.	Merrill Bill Posting Co., advertising.....	4 25
600.	John M. True, expenses trip to Milwaukee.....	9 25

September.

601.	Robert Cain, whitewashing.....	120 00
602.	W. T. Carson, on building contract.....	500 00
603.	Fred Gussell, advertising.....	53 80
604.	Louis Elgas labor.....	10 00
605.	V. Schanning labor.....	14 89
606.	Herman Jaeger labor.....	27 90
607.	Peter DeBeck, labor.....	27 90
608.	Thos. Glancey, labor.....	27 90
609.	Harry Barnekow, labor.....	18 00
610.	A. Brown, labor.....	26 00
611.	Robert Phillip, labor.....	28 00
612.	Zene Fisher, labor.....	23 00
613.	Thos. Skinner, labor.....	27 90
614.	William Welk, labor.....	26 90
615.	John Abbott, labor.....	17 90
616.	Chas. Miller, labor.....	28 00
617.	William Mulligan, labor.....	27 90
618.	Geo. DeBruine, labor.....	43 80
619.	John Miller, labor.....	43 80
620.	M. Leach, labor.....	4 00
621.	Frank Orton, labor.....	27 90
622.	Ellis Gott, labor.....	17 90
623.	John Preston, labor.....	15 00
624.	Fred Turner, labor.....	17 90
625.	Fred Hawes, labor.....	20 00
626.	John DeBeck, labor.....	10 00
627.	W. H. J. Kieckhefer, treasurer Indian Village.....	500 00
628.	John M. True, change for gates.....	1000 00
629.	Geo. G. Cox, change for gates.....	75 00
630.	Albert Powlers, Indian band music.....	140 00
631.	S. D. Fisher, music, Brodhead band.....	150 00

No.	To whom and for what.	Amount.
632.	T. L. Magruder, speed entry.....	150 00
633.	Chas. E. Dean, speed winnings.....	100 00
634.	F. H. Colby, speed winnings.....	200 00
635.	D. C. Wolverton, judging butter.....	40 00
636.	R. A. Miniely, music, Oconto band.....	330 00
637.	J. M. Bienfang, music, Jefferson band.....	125 00
638.	F. H. Colby, speed winnings.....	125 00
639.	Ed Allen, speed winnings.....	50 00
640.	Sleep Bros., refund on stall rent.....	4 00
641.	M. Murphy, speed winnings.....	250 00
642.	Geo. G. Cox, change for gates.....	325 00
643.	H. G. Potter, work on bleachers, etc.....	200 00
644.	W. H. Prichard, judging draft horses.....	75 00
645.	G. Beal, Pain's Fire Works, payment (1st).....	100 00
646.	William Plaehn, judging pigeons.....	35 00
647.	H. Maschmeyer, judging pigeons.....	35 00
648.	F. H. Scribner, judging dairy cattle.....	30 00
649.	J. E. Cole, music Wausau band.....	420 00
650.	H. A. Horton, judging cheese.....	25 00
651.	Geo. Castle, speed winnings.....	100 00
652.	Nick Burke, order from F. M. Barnes.....	105 00
653.	Mrs. Jennie A. Jamison, judging culinary department	25 00
654.	J. C. Pender, speed winnings.....	2,250 00
655.	C. A. Hoffman, music, Baraboo band (payment).....	60 00
656.	C. H. Buell, music Berlin band.....	250 00
657.	B. C. Kimblin, speed winnings.....	450 00
658.	C. S. Lucas, speed winnings.....	450 00
659.	Chas. Kenyon, speed winnings.....	100 00
660.	J. B. Chandler, speed winnings.....	200 00
661.	J. B. Chandler, speed winnings.....	450 00
662.	M. R. Higbee, speed winnings.....	50 00
663.	W. A. Stout, speed winnings.....	450 00
664.	J. C. McCoy, speed winnings.....	300 00
665.	Miss Dora Bunteschu, judging needle work.....	25 00
666.	Void.	
667.	S. Butterfield, judging poultry.....	75 00
668.	Geo. J. Foster, speed winnings.....	225 00
669.	D. Tinker, speed winnings.....	200 00
670.	Chas. J. Strobel, 1st payment on airship.....	500 00
671.	Frank Wilcox, judging honey.....	12 00
672.	R. C. Graf, police work.....	23 70

No.	To whom and for what.	Amount.
673.	C. A. Hoffman, balance Baraboo band, music.....	335 00
674.	J. C. McCoy, speed winnings.....	250 00
675.	W. B. McDonald, speed winnings.....	1125 00
676.	C. L. DeRyder, speed winnings.....	2325 00
677.	W. B. Taylor, speed winnings.....	1000 00
678.	L. W. Cochrane, speed winnings.....	100 00
679.	F. L. Vail, services marshal's department.....	18 00
680.	W. O. Foote, speed winnings.....	1500 00
681.	Thomas Clark, judging beef cattle.....	50 00
682.	W. B. Richards, judging horses.....	50 00
683.	J. Carson, speed winnings.....	200 00
684.	Geo. C. Loomis, speed winnings.....	400 00
685.	C. D. Rosa, expenses gates department.....	1143 00
686.	John M. True, expenses secretary's office.....	765 50
687.	John Splan, speed winnings.....	900 00
688.	A. J. Phillips, judging fruit.....	30 00
689.	J. C. Adams, speed winnings.....	500 00
690.	Telfer Bros., partial premium C.....	50 00
691.	Floyd Jones Bros., partial premium C.....	13 00
692.	Geo. Beal, second payment, Pain's Fireworks.....	200 00
693.	W. H. Anderson, speed winnings.....	50 00
694.	Fred Marty, judging foreign cheese.....	9 00
695.	Deaner & Hoyt, partial premium E.....	75 00
696.	Alex. A. Arnold & Son, partial premium C and D....	50 00
697.	Wash Cortner & Son, premiums in full.....	55 00
698.	Humbert & White, partial premium D.....	125 00
699.	C. D. Johnson, partial premium D.....	75 00
700.	F. W. Niesman, partial premium E.....	65 00
701.	Geo. B. Buck & Co., premium in full, B.....	57 00
702.	H. W. Ayers, partial premium, B.....	15 00
703.	D. F. Conway, partial premiums, B and D.....	50 00
704.	G. W. Parnell, premium in full, C.....	96 00
705.	Geo. Inetchen & Son, partial premium, D.....	53 00
706.	Etzler & Moses, premiums in full, D.....	80 00
707.	Pipers' Club, music.....	225 00
708.	H. N. Thompson, premium, B.....	23 00
709.	E. M. Moore, partial premium, C.....	41 00
710.	James Dillon, supt. swine dept. and expenses.....	80 00
711.	Ed Finn, premium in full, B.....	29 00
712.	D. B. Danielson, final payment on pavilion.....	1311 00
713.	Void.	

No.	To whom and for what.	Amount.
714.	Ferry & Clas, balance architects' fees.....	200 00
715.	J. R. Gordon, partial premium, D.....	35 00
716.	F. C. Zacher, supt. pigeon dept. and expenses.....	108 90
717.	Chas. McKenny, judging educational exhibit.....	5 00
718.	J. J. Kempf, expenses treasurer's department.....	186 00
719.	J. McD. Randles, partial premium, C.....	38 00
720.	William Smiley, partial premium, B.....	82 00
721.	Alfred St. Leon, order of F. M. Barnes.....	170 00
722.	Jhon T. Edwards, partial premium, A.....	30 00
723.	E. G. Roberts, partial premium, E.....	100 00
724.	R. C. Jones, partial premium, B.....	100 00
725.	W. H. Reed & Wright Co., partial premium, D.....	69 00
725.	W. Woodard, partial premium, C.....	50 00
727.	Herr Bros. & Reynolds, partial premium B.....	100 00
728.	John M. True, expenses trip to Milwaukee.....	8 50
729.	A. W. Dopke, premium in full B.....	22 00
730.	Void.	
731.	W. D. Becker, premium in full, D.....	15 00
732.	E. D. Jones & Son, partial premium, B.....	50 00
733.	E. J. Thomas, premium in full, B.....	13 00
734.	T. O. Kabe, payment, Barnes, Japanese Troupe....	350 00
735.	Theo. Curtis, payment, Barnes, Pekin Zouaves.....	325 00
736.	W. A. Dobson, judging horses.....	75 00
737.	Ed Nordman, supt. sheep dept. and expenses.....	79 50
738.	W. L. Houser, partial premiums, A, B, C.....	300 00
739.	G. U. Fisher, expenses department grounds.....	75 00
740.	Oconto County by R. A. Miniely, partial prem. Co. ex.	65 00
741.	Thomas Rymer, services as watchman.....	15 00
742.	Frank Kempf, music, Sheboygan band.....	145 00
743.	Chas. E. Dean, speed winnings.....	1425 00
744.	Dick McMahan, speed winnings.....	500 00
745.	Delbert Utter, judging agriculture.....	30 00
746.	G. M. Barry, assistant superintendent, A.....	24 50
747.	H. S. Wheeler, music, Lake Mills band.....	153 50
748.	J. J. Shaw, speed winnings.....	450 00
749.	W. S. Hager, assistant superintendent, G.....	24 50
750.	F. E. Stone, starting judge.....	150 00
751.	Milwaukee Driving Club, by W. Willer, Jr., races....	150 00
752.	M. P. & S. E. Lantz, partial premium, C.....	49 00
753.	W. W. Vaughn & Son, partial premium, D.....	33 00
754.	W. W. Fleming, speed winnings.....	250 00

No.	To whom and for what.	Amount.
755.	William Wood, services.....	15 00
756.	C. W. Harvey, expenses marshal's department.....	958 35
757.	Paul C. Biersach, assistant superintendent, spl. attr.	24 50
758.	W. B. Barney & Co., partial premium, B.....	47 00
759.	V. M. Gasper, services.....	15 00
760.	Nick Grimm, premium in full, B.....	34 00
761.	Mrs. Pauline Dame, runing dining hall.....	145 00
762.	John J. Kempf, treasurer, spurious coin.....	3 00
763.	J. L. Herbst, supt. depts. F and H, and expenses....	66 35
764.	J. L. Herbst, expenses board meeting.....	17 74
765.	Mary E. Chadwick, supt. dept. M, and expenses....	111 00
766.	Mrs. Geo. Battles, services department M.....	10 00
767.	Myrtle Johnson, services department M.....	10 00
768.	Henry Blocker, labor.....	2 20
769.	W. P. Bussey, asst. supt. departments F and H.....	31 50
770.	G. U. Fisher, expenses grounds department.....	95 00
771.	J. S. Donald, superintendent department A.....	50 00
772.	C. E. Matteson, superintendent department E.....	50 00
773.	Harry Gregg, asst. department E.....	33 25
774.	G. U. Fisher, salary supt. of grounds, July and Aug..	200 00
775.	H. G. Potter, labor and material.....	200 00
776.	Dixon & Deaner, partial payment, B.....	100 00
777.	Geo. G. Cox, expenses grand stand dept.....	428 50
778.	R. A. Jones, judging swine.....	60 00
779.	Geo. McKerrow, meals for policemen and firemen..	59 00
780.	Geo. McKerrow, services purchasing agent.....	45 00
781.	David R. Wedgwood, asst. supt. dept. K.....	52 50
782.	Geo. G. Cox, extra help grand stand.....	5 00
783.	David Wedgwood, supt. dept. K.....	153 40
784.	G. U. Fisher, payroll to September 15.....	636 20
785.	James J. Nelson, supt. dept. L, and expenses.....	93 50
786.	Allie Wooster, relay running race.....	2,200 00
787.	Allie Wooster, special races.....	300 00
788.	Joseph Clauder, music Clauder's band.....	175 00
789.	E. L. Aderhold, asst. supt. dept. J.....	9 00
790.	C. J. Strobel, balance payment on airship.....	3750 00
791.	John S. Bryan, postal service.....	41 15
792.	G. A. Jung, livery.....	51 00
793.	Louis Clark, speed winnings.....	125 00
794.	Louis Clark, speed winnings.....	25 00
795.	M. Michels, asst. dept. J.....	31 50

No.	To whom and for what.	Amount.
796.	J. B. Jones, speed winnings.....	450 00
797.	J. B. Jones, speed winnings.....	1050 00
798.	J. B. Jones, speed winnings.....	250 00
799.	D. J. Fenelon, speed winnings.....	200 00
800.	W. A. Stout, speed winnings.....	500 00
801.	H. W. Lawrence, speed winnings.....	125 00
802.	W. H. Knight, sec., protested speed money.....	1205 00
803.	The Sentinel Publishing Co., advertising.....	512 00
804.	Free Press Publishing Co., advertising.....	418 00
805.	News Publishing Co., advertising.....	314 00
806.	The Journal Publishing Co., advertising.....	258 00
807.	Evening Wisconsin, advertising.....	223 50
808.	Germania Publishing Co., advertising.....	183 00
809.	Clark Printing & Engraving Co., cuts.....	115 00
810.	Saxe Sign Co., street car signs.....	60 75
811.	Schueppert-Zoeller Printing Co., printing.....	44 00
812.	Krus Engraving Co., cuts.....	16 75
813.	E. T. Hindman, photographs.....	24 50
814.	Wisconsin Agriculturalist, advertising.....	500 00
815.	Wisconsin Jobber & Retailer, advertising.....	10 00
816.	Sentinel Co., advertising (weekly).....	20 00
817.	Spirit of the West, advertising speed.....	45 75
818.	Germania Publishing Co., advertising.....	12 00
819.	Northwestern Publishing Co., advertising.....	12 00
820.	The Catholic Citizen, advertising.....	10 00
821.	Excelsior Publishing Co., advertising.....	12 00
822.	G. C. Humphrey, judging cattle.....	33 75
823.	Boston Store, paper.....	9 00
824.	C. G. Wilcox, expenses speed department.....	260 50
825.	C. G. Wilcox, miscellaneous expenses.....	118 20
826.	L. A. Meininger, music, Waukesha band.....	87 50
827.	J. F. Hoskin, music, Darlington band.....	125 00
828.	A. F. Benest, music, Benest's band.....	130 00
829.	W. T. Carson, payment on barn.....	300 00
830.	Schwaab Stamp & Seal Co., police stars.....	18 00
831.	C. H. Everett, superintendent county exhibits.....	44 00
832.	Saxe Sign Co., signs.....	4 75
833.	L. L. Olds, judging grains.....	23 79
834.	Wisconsin Iron & Wire Works, mdse.....	234 50
835.	Pain's Pyrotechnic Co., fireworks.....	2900 00
836.	Smith Premier Typewriter Co., rent of machine....	4 00

No.	To whom and for what.	Amount.
837.	L. A. Meyer Co., safe.....	180 00
838.	M. Marks, Jr., exhibition coops.....	250 00
839.	M. Winter Lumber Co., floor cases.....	80 36
840.	J. H. Gevaart Co., groceries for dining hall.....	80 43
841.	Geo. C. Mansfield, supplies for dining hall.....	8 80
842.	Joseph Miller, meat for dining hall.....	61 54
843.	Cream City Bill Posting Co., services bill posting....	42 68
844.	Remington Typewriter Co., rent of machine.....	3 50
845.	A. Le Feber, grain.....	39 65
846.	H. G. Hess, time announcer.....	50 09
847.	The Evening' Wisconsin, entry tags.....	4 75
848.	Chicago House Wrecking Co., turnstiles.....	40 00
849.	Frank Kleinheinz, judging sheep.....	55 15
850.	C. H. Wannamaker, advertising.....	6 00
851.	Sanders Publishing Co., advertising.....	78 40
852.	Geo. Wylie, Superintendent D.....	50 00
853.	Geo. Wylie, expenses.....	7 92
854.	Philip Adler, advertising.....	6 50
855.	Geo. A. Bishop, advertising.....	3 93
856.	M. & M. B. Publishing Co., advertising.....	23 02
857.	F. J. Fassbender, advertising.....	1 75
858.	Paul Ruff, advertising.....	3 39
859.	J. S. Sodden, advertising.....	3 00
860.	John Hickey, advertising.....	1 25
861.	J. M. Hagen, advertising.....	3 00
862.	Fred H. Webb, advertising.....	2 10
863.	J. E. Williams, advertising.....	21 88
864.	G. E. Palmer, advertising.....	10 02
865.	Frank A. Inman, advertising.....	3 00
866.	A. H. Carnegie, advertising.....	13 35
867.	W. C. Kassebaum, advertising.....	3 00
868.	Fred J. Campbell, advertising.....	3 00
869.	T. Cordingly, advertising.....	1 98
870.	W. C. Tiede, advertising.....	59 92
871.	Aubrey C. King, advertising.....	8 71
872.	F. E. Horn, advertising.....	3 00
873.	R. B. Johnson, advertising.....	5 15
874.	E. C. Chapman, advertising.....	4 75
875.	H. Hendrickson, advertising.....	3 09
876.	Waupaca Bill Posting Co., advertising.....	4 00

No.	To whom and for what.	Amount.
877.	M. L. Sweet, advertising.....	2 80
878.	C. S. Cone, advertising.....	12 45
879.	O. G. Brown, advertising.....	2 70
880.	John Leaver, advertising.....	37 28
881.	Henry Wullner, advertising.....	72 83
882.	Peter Rhode, Jr., advertising.....	23 00
883.	E. J. Kempf, advertising.....	88 32
884.	J. J. Kempf, treasury expenses.....	8 60
885.	J. J. Kempf, Treasurer, foreign coins.....	11 80
886.	Evening Wisconsin, supplies.....	50 50
887.	A. LeFeber, grain and hay.....	65 50
888.	W. J. Moyle, judging flowers.....	15 50
889.	Holcomb Bros., gasoline.....	5 10
890.	Hans Berg, saddle horses.....	36 00
891.	William Beattie, Asst. Supt., B.....	24 50
892.	Chas. L. Hill, Asst. Supt., B.....	10 50
893.	C. D. Rosa, miscellaneous expenses.....	4 90
894.	J. G. Fuller, judging horses.....	16 95
895.	James J. Nelson, expenses.....	8 50
896.	McLay Bros., premiums A.....	667 00
897.	Pabst Stock Farm, premiums A.....	399 00
898.	J. R. Peak & Son, premiums A.....	310 00
899.	A. R. Ives, premium A.....	166 00
900.	Richland Center Horse Breeders' Assoc., premiums A.....	226 00
901.	J. L. Morris, premiums A.....	37 00
902.	W. H. Whiteside, premiums A.....	95 00
903.	J. McD. Randles, premiums A.....	27 00
904.	S. L. Mann, premiums A.....	15 00
905.	Robert Hardy, premiums A.....	5 00
906.	W. B. Austin, premium A.....	10 00
907.	W. B. Dunlop, premium A.....	9 00
908.	W. Schwartz, premium A.....	22 00
909.	H. Tennesen, premium A.....	15 00
910.	Progress Blue Ribbon Stud, premium A.....	129 00
911.	Hans Berg, premium A.....	127 00
912.	Dr. D. Roberts, premiums A.....	25 00
913.	W. D. Powell, premiums A.....	7 00
914.	Dorr L. Hull, premiums A.....	32 00
915.	Arthur Ott, premiums A.....	23 00
916.	A. J. Richter, premiums A.....	5 00
917.	Adam Seitz, premiums A.....	51 00

No.	To whom and for what.	Amount.
918.	F. A. Austerman, premiums A.....	25 00
919.	Lewis Lewellin & Son, premiums A.....	226 00
920.	L. W. Cochran, premiums A.....	72 00
921.	H. A. Briggs, premiums A.....	215 50
922.	Alex Galbraith & Son, premiums A.....	255 00
923.	Schwartz Bros., premiums A.....	15 00
924.	A. W. & F. E. Fox, premiums A.....	40 90
925.	Progress blue Ribbon Farms, premiums A.....	28 00
926.	Ethelwold Farms, premiums A.....	253 00
927.	J. T. Edwards, premiums A.....	42 00
928.	R. W. Rowlands, premiums A.....	13 00
929.	Sleep Bros., premiums A.....	201 00
930.	Schley Bros., premiums A.....	35 09
931.	R. S. Witte, premiums A.....	109 00
932.	August Uihlein, premiums A.....	269 00
933.	Alex A. Arnold & Sons, premiums B.....	44 00
934.	H. W. Ayers, premiums B.....	200 00
935.	W. B. Barney & Co., premiums B.....	91 00
936.	W. J. Bernd, premiums B.....	148 00
937.	Cargill & McMillan, premiums B.....	192 00
938.	E. T. Carroll, premiums B.....	21 00
939.	M. D. Cunningham, premiums B.....	118 00
940.	Divan Bros., premiums B.....	191 00
941.	Dixon & Deaner, premiums B.....	109 00
942.	Ethelwold Farms, premiums B.....	82 00
943.	E. J. Fargo, premiums B.....	18 00
944.	Void.	
945.	F. W. Harding, premiums B, less stall rent.....	456 00
946.	Herr Bros. & Reynolds, (balance) premiums.....	342 00
947.	Sam Jones, premiums B.....	129 00
948.	William M. Jones, premiums B.....	61 00
949.	E. D. Jones & Son, balance premium B.....	33 00
950.	R. C. Jones, balance premium B.....	113 00
951.	W. A. McHenry, premiums B.....	346 00
952.	J. C. Robinson & Son, premiums B.....	44 00
953.	Rust Bros., premiums B.....	70 00
954.	Adam Seitz, premiums B.....	129 00
955.	Seymour Bros., premiums B.....	35 00
956.	J. Slimmer, premiums B.....	300 00
957.	Void.	
958.	William Smiley, premiums B.....	95 00

No.	To whom and for what.	Amount.
959.	Stewart Lumber Co., premiums B.....	82 00
960.	H. N. Thompson, balance premium B.....	12 00
961.	Fred Vogel, premium B.....	44 00
962.	J. H. Williams, premium B.....	20 00
963.	J. D. Hatch, premium B.....	74 00
964.	Chas. A. Jahr, Asst. Supt. L.....	35 60
965.	O. F. Roessler, Supt. Privileges and expenses, meeting	121 96
966.	F. W. Harding, premiums C.....	249 50
967.	E. M. Moore, balance premium C.....	100 09
968.	N. M. Jewell & Son, premium C.....	38 00
969.	W. G. McGill, premiums C.....	31 50
970.	F. H. Patten, premium C.....	29 00
971.	W. Woodard, balance premium C.....	151 00
972.	Telfer Bros., balance premium C.....	149 50
973.	Renk Bros., premiums C.....	132 00
974.	J. C. Robinson & Son, premiums C.....	63 00
975.	W. H. Edwards, premiums C.....	54 00
976.	W. S. Dixon, premium C.....	158 00
977.	A. E. Green, premium C.....	88 00
978.	M. P. & S. E. Lantz, premiums C.....	89 00
979.	Ethelwold Farms, premiums C.....	35 00
980.	Alex A. Arnold & Sons, premiums C.....	135 00
981.	Lewis Bros., premiums C.....	102 20
982.	W. G. Bartholf, premiums C.....	53 00
983.	F. E. Coriell, premiums C.....	23 00
984.	Eli Crall & Son, premiums C.....	23 00
985.	Geo. McKerrow & Sons, premiums C.....	626 50
986.	W. G. Bartholf, premiums D.....	23 25
987.	A. Beaumont, premiums D.....	8 00
988.	James Hogan, premiums D.....	29 15
989.	J. Kreuzscher, Jr., premiums D.....	13 15
990.	Void.	
991.	R. Flint, premiums D.....	27 00
992.	M. W. Reed, premiums D.....	19 20
993.	H. W. Reed & Wright Co., balance D.....	100 00
994.	Eli Crall & Son, premiums D.....	70 00
995.	W. W. Vaughn & Sons, premiums D.....	55 09
996.	F. H. Patten, premiums D.....	29 00
997.	Geo. Ineichen & Son, balance premium D.....	50 00
998.	D. F. Conway, balance premium D.....	63 00
999.	Chas T. Hill, premiums D.....	41 00

No.	To whom and for what.	Amount.
1000.	A. N. Kelly, premium D.....	227 00
1001.	H. P. West, premiums D.....	152 00
1002.	Humbert & White, balance premium D.....	102 00
1003.	C. D. Johnson, balance premium D.....	21 99
1004.	W. J. Martin, premiums D.....	6 00
1005.	W. J. Kelley, premiums D.....	20 00
1006.	H. J. Noblet, premiums D.....	23 00
1007.	Geo. Martin, premiums D.....	82 90
1008.	L. P. Martiny, premiums D.....	86 79
1009.	F. P. Bishop, premiums D.....	27 25
1010.	Geo. E. Kelly, premium D.....	22 00
1011.	J. F. Weaver, premium D.....	25 00
1012.	Alex A. Arnold & Sons, premium D.....	10 00
1013.	Zack Kenne, premium D.....	84 00
1014.	C. H. Bowen, advertising.....	26 19
1015.	T. M. E. R. & L. Co., car for treasurer.....	48 00
1016.	Kieckhefer Box Co., sawdust.....	8 00
1017.	Wieman & Muench, flags for school children.....	19 00
1018.	Bart J. Ruddle, miscellaneous expenses.....	40 35
1019.	Kuryer Publishing Co., advertising.....	58 00
1020.	P. B. Haber, balance advertising bill.....	60
1021.	Cheese & Dairy Publishing Co., advertising.....	8 00
1022.	F. M. Barnes, balance Special Attractions.....	400 00
1023.	Fred Allee, premium E.....	1 00
1024.	F. R. Austerman, premium E.....	16 50
1025.	Boots & Stier, premium E.....	35 00
1026.	J. Conrad, premium E.....	13 50
1027.	Geo. Cooke, premiums E.....	9 00
1028.	Henry Daniels, premiums E.....	2 50
1029.	Dartmoor Yards, premiums E.....	4 50
1030.	Dawson Bros., premiums E.....	76 00
1031.	Daily & Wells, premium E.....	2 00
1032.	Edgewood Farms, premiums E.....	4 50
1033.	Frank B. Fargo, premiums E.....	2 75
1034.	Mrs. W. F. Grimshaw, premiums E.....	1 50
1035.	S. W. Hardy, premiums E.....	5 00
1036.	John E. Hartley, premiums E.....	5 25
1037.	A. O. Heilman, premiums E.....	4 25
1038.	Hoyt & Deaner, premium E.....	13 00
1039.	Idle Hour Poultry Yards, premiums E.....	6 00
1040.	David Jenner, premiums E.....	75

No.	To whom and for what.	Amount.
1041.	Arthur Kittinger, premiums E.....	8 25
1042.	Al Kroeger, premiums E.....	13 00
1043.	J. R. Love, premiums E.....	30 00
1044.	Addison Love, premiums E.....	10 00
1045.	Mrs. J. L. Mielke, premiums E.....	5 75
1046.	Clara D. Martin & Son, premium E.....	3 50
1047.	R. T. Momsen, premiums E.....	1 75
1048.	F. W. Niesman, premium E.....	32 65
1049.	J. L. Nowak, premiums E.....	4 75
1050.	Arthur Ott, premiums E.....	1 50
1051.	Pasbrig Bros., premiums E.....	17 25
1052.	S. S. Rich, premiums E.....	11 50
1053.	E. G. Roberts, balance premiums E.....	40 00
1054.	J. J. Rodig, premiums E.....	3 75
1055.	J. C. Schulz, premiums E.....	9 75
1056.	A. M. Schulz, premiums E.....	3 00
1057.	H. T. Seeman, premiums E.....	6 00
1058.	Geo. W. Tulenz, premiums E.....	14 00
1059.	Ferd Vanselow, premiums E.....	2 00
1060.	Jos. Volz, premiums E.....	10 00
1061.	H. Wolff, premiums E.....	75
1062.	Albert R. Zier, premiums E.....	6 75
1063.	William Augstein, premiums E.....	5 00
1064.	Jos. Barta, Jr., premiums E.....	13 50
1065.	Henry Barta, premiums E.....	12 00
1066.	Walter C. Bolt, premiums E.....	7 50
1067.	Mrs. R. B. Dobrogowski, premiums E.....	15 00
1068.	R. B. Dobrogowski, premiums E.....	33 00
1069.	Elmwood Poultry & Pigeon Farm, premiums E.....	2 00
1070.	Geo. Ewald, premiums E, less entries.....	76 20
1071.	A. M. Fiebrantz, premiums E.....	9 00
1072.	Robert Guentzel, premiums E.....	19 00
1073.	J. P. Heer, premiums E.....	17 50
1074.	Hoyt & Deaner, balance premiums E.....	4 50
1075.	Isabel Jansen, premiums E.....	14 00
1076.	L. A. Jansen, premiums E.....	27 00
1077.	Julius Just, premiums E.....	4 25
1078.	John Koenig, premiums E.....	9 00
1079.	Walter Korb, premiums E.....	10 00
1080.	William Korb, premiums E.....	10 50
1081.	Herman Kretschmer, premiums E.....	10 50

WISCONSIN STATE BOARD OF AGRICULTURE.

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No.	To whom and for what.	Amount.
1082.	Mrs. C. G. Loeber, premiums E.....	3 00
1083.	C. G. Loeber, premiums E.....	1 00
1084.	Thos. B. McCauley, premiums E.....	19 00
1085.	K. J. Muir, premiums E.....	11 00
1086.	F. W. Niesman, balance premiums E.....	3 50
1087.	Theo Reuter, premiums E.....	15 00
1088.	J. F. Roe, premiums E.....	13 00
1089.	Mrs. J. F. Roe, premiums E.....	8 00
1090.	G. R. Schubert, premiums E.....	11 00
1091.	Max Staehl, premiums E.....	8 00
1092.	William Tegge, premiums E.....	5 00
1093.	Herman Vanselow, premiums E.....	62 00
1094.	Ferd Vanselow, balance premium E.....	9 00
1095.	Wagner Bros., premiums E.....	8 50
1096.	A. Williamsen, premiums E.....	16 00
1097.	C. Williamsen, premiums E.....	28 00
1098.	E. Williamsen, premiums E.....	4 00
1099.	H. Williamsen, premiums E.....	11 00
1100.	John Hans, premiums E.....	56 00
1101.	A. L. Kleeber, premiums E.....	12 00
1102.	H. P. West, premiums F.....	64 00
1103.	J. H. Pilgrim, premiums F.....	32 00
1104.	W. F. Pilgrim, premiums F.....	8 00
1105.	John Markert, premiums F.....	10 00
1106.	W. F. Pilgrim, balance premium F.....	1 00
1107.	John Grape, premiums F.....	56 00
1108.	Frank J. Lindley, premiums F.....	32 00
1109.	Casper Olson, premiums F.....	70 00
1110.	A. N. Kelly, premiums F.....	26 00
1111.	Robert Pilgrim, premiums F.....	4 00
1112.	H. J. Shulte, premiums F.....	27 00
1113.	E. L. Benedict, premiums F.....	5 00
1114.	Lizzie Mayer, premiums F.....	6 00
1115.	Void.	
1116.	Bennie Hans, premiums F.....	17 00
1117.	Harry Markert, premiums F.....	38 00
1118.	Frank Benedict, premiums F.....	64 00
1119.	Eddie Finn, premiums F.....	23 00
1120.	Addison Love, premiums F.....	16 00
1121.	Robert Pilgrim, premiums F.....	26 00
1122.	Alfred Pilgrim, premiums F.....	42 00

No.	To whom and for what.	Amount.
1123.	Adcison Love, premiums F.....	10 00
1124.	Clinton Kinney, premiums F.....	2 00
1125.	H. A. Main, premiums F.....	4 00
1126.	R. J. Schaefer, premiums F.....	2 00
1127.	Otto Wiegand, premiums F.....	2 00
1128.	Wis. Tobacco Growers & Dealers' Assn., premiums F	20 00
1129.	J. J. Ochsner, premiums F.....	26 00
1130.	A. L. Kleeber, premiums F.....	70 00
1131.	Wm. E. Prisk, premiums F.....	41 00
1132.	E. D. Ochsner, premiums F.....	72 60
1133.	C. D. Voland, premiums F.....	3 00
1134.	Joseph Volz, premiums F.....	9 00
1135.	Mrs. Abbie Prisk, premiums F.....	3 00
1136.	F. Lounsbury, premiums F.....	6 00
1137.	Eastman Bros., premiums F.....	3 00
1138.	Pioneer Fruit Farm, premiums H.....	64 60
1139.	William Fox, premiums H.....	65 80
1140.	Harland Bros., premiums H.....	23 10
1141.	William Peffer, premiums H.....	20 00
1142.	A. D. Brown, premiums H.....	17 00
1143.	Mrs. Robert Ramsey, premiums H.....	65 90
1144.	H. C. Melcher, premiums H.....	7 25
1145.	A. N. Kelly, premiums H.....	23 30
1146.	Geo. Jeffery, premiums H.....	38 45
1147.	Mrs. A. F. White, premiums H.....	14 76
1148.	F. Lounsbury, premiums H.....	10 50
1149.	D. T. Pilgrim, premiums H.....	36 00
1150.	Currie Bros., premiums H.....	61 00
1151.	John Dunlop, premiums H.....	60 00
1152.	Alex Klokner, premiums H.....	32 00
1153.	H. W. Koerner, premiums H.....	16 00
1154.	Mrs. C. E. Strong, premiums H.....	12 00
1155.	Mrs. F. W. Poppe, premiums H.....	8 00
1156.	L. Atkins, premiums H.....	2 00
1157.	Mrs. L. W. Barnes, premiums H.....	29 50
1158.	Mrs. Thos. Bowes, premiums H.....	11 00
1159.	Isabel Clapp, premiums H.....	7 00
1160.	Carol Clapp, premiums H.....	2 00
1161.	Fond du Lac County, by H. P. West, prem.....	205 00
1162.	Marathon County, by L. K. Wright, premium.....	210 00
1163.	Waukesha County, by John Grape, premium.....	180 00

No.	To whom and for what.	Amount.
1164.	Dodge County, by F. J. Lindley, premium.....	145 00
1165.	Jefferson County, by Geo. Maurer, premium.....	145 00
1166.	Adams County, by Geo. E. Reynolds, premium.....	125 00
1167.	Iowa County, by Prisk & Kelly, premium.....	130 00
1168.	Rock County, by E. Gabriel, premium.....	110 00
1169.	Oconto County, by R. A. Miniely, balance premium..	50 00
1170.	Forest County, by M. S. Barker, premium.....	85 00
1171.	Milwaukee County, by B. Jentzsch, premium.....	50 00
1172.	Ina Lean, premium L.....	40 00
1173.	Albert Elsner, Jr., premiums L.....	70 00
1174.	Ruth R. Shults, premiums L.....	46 00
1175.	Peter Rotier, premiums L.....	31 00
1176.	Tom Busalachi, premiums L.....	8 00
1177.	Mrs. J. E. Winn, premiums L.....	13 00
1178.	Anna Reiter, premiums L.....	20 00
1179.	Mrs. H. Arends, premiums L.....	12 00
1180.	Eleanor C. Hansen, premiums L.....	6 00
1181.	Mrs. A. Kingsbury, premiums L.....	17 00
1182.	Louise L. Dorr, premiums L.....	1 00
1183.	Anthony Spalthoff, premiums L.....	15 00
1184.	Mrs. W. Wagner, premiums L.....	7 00
1185.	George Diesch, premiums L.....	8 00
1186.	Mrs. J. Groves, premiums L.....	3 00
1187.	Julius Bauman, premiums L.....	3 00
1188.	J. H. Field, premiums L.....	10 00
1189.	Lillian Zimmerman, premiums L.....	5 00
1190.	A. H. Wernick, premiums L.....	3 00
1191.	Minnie Dykins, premiums L.....	15 00
1192.	Mrs. Willas Hetlesaeter, premiums L.....	4 00
1193.	Clara Bodden, premiums L.....	19 00
1194.	Luella Cooke, premiums L.....	21 00
1195.	Mrs. J. W. Cutler, premiums L.....	10 00
1196.	Mrs. P. M. Kynaston, premiums L.....	22 00
1197.	Lucile Cooke, premiums L.....	16 00
1198.	Jenny C. Lloyd, premiums L.....	37 00
1199.	Mrs. L. E. Greenleaf, premiums L.....	13 00
1200.	Phebe S. Wilbur, premiums L.....	26 00
1201.	Mrs. P. A. Chase, premiums L.....	3 00
1202.	Mrs. W. F. Borges, premiums L.....	11 00
1203.	Mrs. F. V. McBeath, premiums L.....	3 00
1204.	Mrs. H. W. Haskell, premiums L.....	1 00

No.	To whom and for what.	Amount.
1205.	Laura J. Lapham, premiums L.....	15 00
1206.	Mrs. H. S. Rice, premiums L.....	4 00
1207.	Mrs. H. Butler, premiums L.....	7 00
1208.	John Gallagher Co., rental of tents.....	125 00
1209.	J. H. Gevaart, mdse.....	82 93
1210.	A. LeFeber, feed for Forage Department.....	499 95
1211.	John M. True, salary September.....	150 00
1212.	John M. True, help in office.....	34 00
1213.	Lee Pearson, premiums Educational Department....	5 00
1214.	James Slonker, premiums Educational Department..	3 00
1215.	Blanche Butterfield, premiums Educational Depart- ment	2 00
1216.	Bridget Kelly, premium Educational Department...	5 50
1217.	Rhiny Pagel, premium Educational Department....	4 90
1218.	A. G. Meating, premiums Educational Department..	2 50
1219.	George Schmidt, premium Educational Department	1 50
1220.	Katie McCabe, premium Educational Department..	4 00
1221.	Francis Sassisky, premium Educational Department	2 00
1222.	Glen Westphal, premiums Educational Department..	4 00
1223.	F. Chandler, premiums Educational Department....	4 00
1224.	Clara Michalek, premiums Educational Department..	2 50
1225.	School District, No .1, premium Educational Depart- ment	1 50
1226.	Ignatz Fleischman, premium Educational Department	5 00
1227.	Arny Tracy, premiums Educational Department....	3 00
1228.	Pearl Claridge, premiums Educational Department..	7 00
1229.	Bessie Brewer, premiums Educational Department..	8 00
1230.	Lizzie Stadler, premiums Educational Department..	2 50
1231.	Rosa Furst, premiums Educational Department....	1 50
1232.	Mary J. Windish, premiums Educational Department	2 50
1233.	Essie Berry, premiums Educational Department....	1 50
1234.	Iva Schafer, premiums Educational Department....	2 50
1235.	Edith Schafer, premiums Educational Department..	1 50
1236.	Mary Kilsdonk, premiums Educational Department..	4 00
1237.	Leo Van Roy, premiums Educational Department..	7 50
1238.	Sammy Martin, premiums Educational Department..	4 00
1239.	A. G. Meating, premium Educational Department..	4 00
1240.	A. G. Meating, premiums Educational Department..	1 50
1241.	Agnes Lentz, premiums Educational Department....	10 00
1242.	Louisa Brechtl, premiums Educational Department	3 00
1243.	Myrtle Brewer, premiums Educational Department..	7 00

No.	To whom and for what.	Amount.
1244.	Clara Pronold, premium Educational Department..	4 00
1245.	LeRoy Parks, premiums Educational Department....	2 50
1246.	Anna Short, premiums Educational Department....	4 00
1247.	Maud Meyer, premium Educational Department.....	2 50
1248.	Merrill Butterfield, premiums Educational Department	3 25
1249.	Erma Ellis, premiums Educational Department.....	3 25
1250.	Bessie Berry, premiums Educational Department....	4 00
1251.	Iva Schafer, premiums Educational Department....	1 50
1252.	Martha Lippert, premiums Educational Department..	3 00
1253.	Clara Kabusen, premium Educational Department...	2 00
1254.	Grant Cooke, premium Educational Department.....	18 00
1255.	Grant Cooke, premiums Educational Department....	6 50
1256.	J. J. Pecker, advertising.....	58 77
1257.	Viola Abert, premiums M.....	11 00
1258.	Mrs. Susie Abert, premiums M.....	31 00
1259.	Mrs. Thos. Bowes, premiums M.....	28 00
1260.	Mrs. L. W. Barnes, premiums M.....	2 00
1261.	Meta L. Baker, premiums M.....	27 00
1262.	Mrs. J. R. Bosshart, premiums M.....	1 00
1263.	Mrs. J. C. Brandel, premiums M.....	4 00
1264.	Mrs. H. D. Broker, premiums M.....	4 00
1265.	Carol Clapp, premiums M.....	11 00
1266.	Isabel Clapp, premiums M.....	7 00
1267.	Laura Corbielle, premiums M.....	2 00
1268.	Minnie Dykins, premiums M.....	5 00
1269.	Mrs. E. L. Douville, premiums M.....	9 00
1270.	Mrs. E. J. Davis, premiums M.....	1 00
1271.	Mrs. H. E. Davis, premiums M.....	4 00
1272.	Mrs. Martin Dreyfus, premiums M.....	13 00
1273.	Mrs. J. C. Davis, premiums M.....	3 00
1274.	Mrs. Henry Fischer, premiums M.....	41 00
1275.	Mrs. Frank J. Granger, premiums M.....	6 00
1276.	Mrs. L. C. Huckstep, premiums M.....	15 00
1277.	Mrs. Edgar C. Hoffman, premiums M.....	15 00
1278.	Mrs. John Hans, premiums M.....	13 00
1279.	Marie Holman, premiums M.....	12 00
1280.	Mrs. Willas Hetlesaefer, premiums M.....	8 00
1281.	Industrial School, Waukesha, premiums M.....	6 00
1282.	Mrs. A. Kingsbury, premiums M.....	17 00
1283.	Mrs. H. Kuehn, premiums M.....	2 00

No.	To whom and for what.	Amount.
1284.	Mrs. A. Krause, premiums M.....	5 00
1285.	Mrs. J. B. Kynaston, premiums M.....	1 00
1286.	Mrs. T. P. Leonard, premiums M.....	6 00
1287.	Mrs. C. G. Lee, premiums M.....	1 00
1288.	Mrs. A. LeFeber, premiums M.....	11 00
1289.	Mrs. W. E. Langenberg, premiums M.....	10 00
1290.	Mrs. F. Lounsbury, premiums M.....	7 00
1291.	Lizzie Mayer, premiums M.....	3 00
1292.	Della May, premiums M.....	1 00
1293.	Elsie Meyer, premiums M.....	9 00
1294.	Mrs. S. J. Nelson, premiums M.....	1 00
1295.	Marjorie W. Nethercut, premiums M.....	2 00
1296.	Mrs. E. O. Byrne, premiums M.....	1 00
1297.	Mrs. Lynn S. Pease, premiums M.....	8 00
1298.	Mary E. Pease, premiums M.....	7 00
1299.	Mrs. S. W. Poppe, premiums M.....	21 00
1300.	Mrs. C. G. Porter, premiums M.....	1 00
1301.	Mrs. M. Pagels, premiums M.....	4 00
1302.	Mrs. William Peters, premiums M.....	1 00
1303.	Mrs. William Sweeney, premium M.....	4 00
1304.	Mrs. C. E. Strong, premiums M.....	2 00
1305.	Mrs. L. Sheldon, premiums M.....	3 00
1306.	Josephine Stoppenbach, premiums M.....	20 00
1307.	Mrs. A. D. Stoppenbach, premiums M.....	11 00
1308.	Etna M. Stroh, premiums M.....	6 00
1309.	Mrs. Edna S. Sinsel, premiums M.....	4 00
1310.	Kate Schottola, premiums M.....	2 00
1311.	Mrs. R. Smith, premiums M.....	2 00
1312.	Mrs. A. E. Schaub, premiums M.....	2 00
1313.	Mrs. A. Talbert, premiums M.....	3 00
1314.	Mrs. R. H. Talbutt, premiums M.....	10 00
1315.	Mrs. Caroline Federmeyer, premiums M.....	2 00
1316.	Louise E. Wernich, premiums M.....	23 00
1317.	Mrs. Louisa Wait, premiums M.....	9 00
1318.	Mrs. Lydia E. Welsh, premiums M.....	4 00
1319.	Lydia Wollenburg, premiums M.....	11 00
1320.	Mrs. W. P. Wegner, premiums M.....	23 00
1321.	Mrs. Balthasar Wichser, premiums M.....	3 00
1322.	Mrs. H. P. Weissenborn, premiums M.....	1 00
1323.	Mrs. A. F. White, premiums M.....	7 00
1324.	Mrs. H. Rahte, premiums M.....	2 00

No.	To whom and for what.	Amount.
1325.	Mrs. L. Yanke, premiums M.....	29 00
1326.	Evening Wisconsin Company, advertising.....	3 00
1327.	Wisconsin Lakes Ice & Cartage Co., ice.....	117 00
1328.	C. W. Harvey, paid guards.....	15 00
1329.	Mrs. Thos. Bowes, balance premium M.....	5 05
1330.	Mrs. L. Yanke, balance premiums M.....	2 00
1331.	Dr. A. S. Alexander, judging horses.....	15 00
1332.	Robert L. Adams, premiums J.....	4 94
1333.	Casper Anderegg, premiums J.....	3 73
1334.	F. E. Anderson, premiums J.....	2 63
1335.	H. W. Austin, premiums J.....	6 31
1336.	J. F. Bachman, premiums J.....	4 89
1337.	F. W. Bartelt premiums J.....	3 95
1338.	Fred Bartling, premiums J.....	3 29
1339.	J. A. Bauer, premiums J.....	3 95
1340.	F. L. Beers, premiums J.....	2 63
1341.	Chris Beller, premiums J.....	11 36
1345.	Jacob Baehler, premiums J.....	7 89
1343.	Fred Blaser, premiums J.....	13 64
1344.	Frank Blumenstein, premiumus J.....	5 75
1345.	Jacob Baeher, premiums J.....	7 89
1346.	John E. Boettcher, premiums J.....	11 27
1347.	William C. Boldt, premiums J.....	3 95
1348.	L. L. Bolstad, premiums J.....	2 63
1349.	Fred W. Borne, premiums J.....	2 63
1350.	Frank Bowar, premiums J.....	2 63
1351.	August Brandt premiums J.....	3 15
1352.	C. F. Brinkman, premiums J.....	4 48
1353.	B. G. Bursch, premiums J.....	1 32
1354.	Thomas Carswell, premiums J.....	1 32
1355.	C. J. Chapin, premiums J.....	9 30
1356.	W. J. Clark, premiums J.....	30 22
1357.	Ernst Cobb, premiums J.....	6 25
1358.	R. Conrad, premiums J.....	22 10
1359.	W. B. Constantine, premiums J.....	1 59
1360.	S. B. Cook, premiums J.....	3 29
1361.	A. Cole, premiums J.....	2 63
1362.	P. E. Cranston, premiums J.....	7 88
1363.	Irene Curtis, premiums J.....	12 33
1364.	Mrs. S. J. Curtis, premiums J.....	19 26
1365.	E. J. Czamanske, premiums J.....	11 57

No.	To whom and for what.	Amount.
1366.	L. Dabareiner, premiums J.....	2 63
1367.	L. J. Dack, premiums J.....	5 26
1368.	Mrs. D. Danielson, premiums J.....	4 48
1369.	Henry Donner, premiums J.....	2 63
1370.	M. G. Douma, premiums J.....	7 26
1371.	E. L. Duxbury, premiums J.....	3 95
1372.	John H. Elmer & Son, premiums J.....	35 22
1373.	M. Engbretson, premiums J.....	3 95
1374.	Samuel Erb, premiums J.....	15 00
1375.	Emil Falk, premiums J.....	14 80
1376.	W. J. Feind, premiums J.....	7 57
1377.	A. N. Flinstad, premiums J.....	5.00
1378.	A. J. Fraser, premiums J.....	2.63
1379.	Geo. Gallaway, premiums J.....	1.32
1380.	R. C. Ganshow, premiums J.....	9 46
1381.	P. E. Gremer, premiums J.....	12.00
1382.	Gentilly Dairy Association, premiums J.....	7.88
1383.	C. Gerlach, premiums J.....	3.95
1384.	C. L. Gilbert, premiums J.....	3.95
1385.	L. A. Goodchild, premiums J.....	5.75
1386.	J. Roy Gordon, premiums J.....	5.97
1387.	O. E. Gremke, premiums J.....	8.67
1388.	Arnold Grimm, premiums J.....	1.58
1389.	Ferd Grimm, premiums J.....	1.32
1390.	A. F. Guelzow, premiums J.....	1.96
1391.	William Haag, premiums J.....	8.63
1392.	Fred Hadler, premiums J.....	11.83
1393.	F. H. Harms, premiums J.....	3.95
1394.	Louis Hasse, premiums J.....	5.22
1395.	J. T. Henderson, premiums J.....	3.95
1396.	H. Raymond, wages September.....	50.00
1397.	C. D. Rosa, premiums J.....	40.00
1398.	Anton Hensler, premiums J.....	3.34
1399.	M. W. Hughes, premiums J.....	.79
1400.	F. W. Huth, premiums J.....	7.07
1401.	W. J. Hyne, premiums J.....	4.19
1402.	J. J. Jackson, premiums J.....	3.95
1403.	Herbert A. Kalk, premiums J.....	9.81
1404.	P. H. Kasper, premiums J.....	30.60
1405.	Otto A. Kielsmeyer, premiums J.....	36 21
1406.	A. H. Knoke, premiums J.....	7.10

No.	To whom and for what.	Amount.
1407.	O. E. Knoke, premiums J	3.95
1408.	Mrs. J. Koepsell, premiums J .....	.99
1409.	Geo. W. Kruel, premiums J	3.15
1410.	William F. Krohn, premiums J	12.83
1411.	C. F. Langhilde, premiums J	1.32
1412.	Mrs. A. W. Lehman, premiums J	18.65
1413.	Herman Lewis, premiums J	2.63
1414.	John Lord, premiums J	4.73
1415.	W. Lund, premiums J .....	.66
1416.	M. J. Mahlik, premiums J	4.73
1417.	F. E. McCormick, premiums J	5.26
1418.	Otto R. McCormick, premiums J.....	3.95
1419.	A. E. McLane, premiums J.....	7.97
1420.	Mrs. J. F. McRostie, premiums J	10.26
1421.	H. B. Melendy, premiums J	7.80-7.90
1422.	Matthew Meyer, premiums J	3.13
1423.	Walter Meyers, premiums J	4.33
1424.	August G. Morner, premiums J	8.96
1425.	Peter Motek, premiums J	6.30
1426.	Gottlieb Muehleison, premiums J	8.95
1427.	H. L. Mueller, premiums J	4.20
1428.	Geo. Mullen, premiums J.....	6.00
1429.	Murphy Bros., premiums J	8.96
1430.	Robert Nauman, premiums J	8.40
1431.	Mrs. H. J. Nicholson, premiums J	8.96
1432.	Fritz Niederhausen, premiums J	5.26
1433.	G. H. Nielson, premiums J	2.63
1434.	Thos. O'Neill, premiums J	4.44
1435.	J. H. Osborne, premiums J	9.46
1436.	A. E. Paddock, premiums J	2.88
1437.	E. L. Passmore, premiums J	5.26
1438.	Geo. E. Peterson, premiums J	3.95
1439.	Van W. Pipal, premiums J	9.46
1440.	J. H. Peterson, premiums J	7.46
1441.	J. C. Post, premiums J	2.63
1442.	Henry W. Priebe, premiums J	1.58
1443.	Chas. H. Prust, premiums J	3.95
1444.	Max E. Radloff, premiums J	5.22
1445.	A. E. Radtke, premiums J	6.31
1446.	G. F. Randall, premiums J	3.00
1447.	J. J. Ried, premiums J	2.98

No.	To whom and for what.	Amount.
1448.	Arthur Roegner, premiums J	3.91
1449.	Ben Roan, premiums J	2.63
1450.	Chas Sass, premiums J	4.60
1451.	Carl G. Senz, premiums J	2.63
1452.	D. A. Sheldon, premiums J	3.78
1453.	Frank Shepherd, premiums J	9.21
1454.	E. O. Sigglekow, premiums J	8.67
1455.	F. E. Snyder, premiums J	2.63
1456.	Frank Speis, premiums J	5.97
1457.	W. O. Stanton, premiums J	12.62
1458.	Mrs. L. T. Staples, premiums J	8.21
1459.	Stauffacher & Roth, premiums J	2.98
1460.	Mrs. William Sweeney, premiums J	12.44
1461.	Lucius C. Sweet, premiums J	1.32
1462.	Jacob Thiesen, premiums J	3.94
1463.	F. A. Viergutz, premiums J	2.63
1464.	Gerrie J. Vogt, premiums J	20 92
1465.	John Vogt, premiums J	20 92
1466.	W. A. Voigt, premiums J	3.95
1467.	T. J. Warner, premiums J	7.07
1468.	J. C. Weber, premiums J	1.32
1469.	J. F. Weber, premiums J	4.69
1470.	J. Weisensel, premiums J	3.95
1471.	A. F. Westphal, premiums J	13.80
1472.	William Winder, premiums J	4.89
1473.	Frank Wismer, premiums J	4.73
1474.	A. J. Wileman, premiums J	3.95
1475.	Ed. Wittwer, premiums J	5.77
1476.	Ed. Wunsch, premiums J	19.71
1477.	J. Wunsch, premiums J	4.60
1478.	A. N. Yates, premiums J	3.29
1479.	A. W. Zimmerman, premiums J	3.95
1480.	E. J. Barrett, sign painting	56.50
1481.	H. G. Potter, work and material	100.09
1482.	Northwestern Tile Co., balance on walks	829.86
1483.	A. Gilmore, blacksmithing	12.88
1484.	M. Hilty Lumber Co., mdse.	235.84
1485.	M. Stern, mdse.	5.13
1486.	M. Lavein, watchman	3.09-3.00
1487.	Columbia Publishing Co., advertising	12.00
1488.	West Allis Lumber Co., mdse	946.59

No.	To whom and for what.	Amount.
1489.	Cad Brand, work on airship	8.00
1490.	E. L. Adams, premiums J	2.63
1491.	A. M. Babcock, premiums J	2.63
1492.	Barre Mills Creamery Co., premiums J	2.63
1493.	Henry Bast, premiums J	3.95
1494.	R. J. Clark, premiums J	3.95
1495.	E. J. Ellis, premiums J	3.95
1496.	Albert Erickson, premiums J	3.95
1497.	Draft returned to Treasurer	2.63
1498.	C. W. Gilman, premiums J	3.29
1499.	C. L. Hall, premiums J	5.26
1500.	August M. Hein, premiums J	3.95
1501.	P. F. Higgins, premiums J	1.32
1502.	E. J. Hildeman, premiums J	1.32
1503.	John C. Hohn, premiums J	2.63
1504.	Draft returned to Treasurer	1.97
1505.	John Magrane, premiums J	1.32
1506.	E. C. McCormick, premiums J	5.59
1507.	George Meyers, premiums J	2.63
1508.	E. J. Morrison, premiums J	3.95
1509.	Thos. Netland, premiums J	7.89
1510.	Frank O'Hearn, premiums J	1.32
1511.	Claude E. Phillips, premiums J	3.95
1512.	F. A. Rivers, premiums J	3.95
1513.	B. C. Sheldon, premiums J	2.63
1514.	S. J. Simonson, premiums J	9.87
1515.	C. H. Thomson, premiums J	1.32
1516.	William Spooner, premiums J	1.32
1517.	Ed. Torpey, premiums J	6.25
1518.	F. M. Werner, premiums J	3.95
1519.	Geo. W. Froyer, premiums J	3.94
1520.	T. A. Ubelohde, premiums J	5.52
1521.	Pat Wallace, premiums J	5.52
1522.	J. G. Moore, balance money for sale of dairy exhibits..	583.82

October.

1523.	John M. True, expenses trip to Springfield.....	35 00
1524.	H. E. Douville, milk and cream.....	24 05
1525.	Democrat Printing Co., subscription	1.25
1526.	W. H. Smollinger, Sec., Great Western Circ. Ass'mt..	50.00

No.	To whom and for what.	Amount.
1527.	Geo. Wylie, expenses trip to Springfield	21.00
1528.	William Toole, premiums H.....	14 50
1529.	E. L. Benedict, premiums H	11.00
1530.	Geo. J. Kellogg & Sons, premiums H	40.75
1531.	W. J. Moyle, premiums H	14.25
1532.	W. H. Steele, premiums H	62.00
1533.	J. S. Palmer, premiums H	49.00
1534.	D. T. Pilgrim, balance premiums H	5.90
1535.	Bunde & Upmeyer, badges	4.80
1536.	Ed. Nordman, expenses trip to Springfield	35.05
1537.	Geo. A. Bishop, balance advertising .....	.50
1538.	J. F. Donovan, legal advice	35.00
1539.	Radcliffe & Porter Co., mdse	12.98
1540.	Madison Tent & Awning Co., rental of tents.....	36 00
1541.	Clark Engraving & Printing Co., ribbons	2.14
1542.	The Herald Co., advertising	25.00
1543.	J. M. Callahan, Agt., messages and freight	5.76
1544.	Western Union Telegraph Co., messages	2.12
1545.	T. M. E. R. & L. Co., lighting grounds	221.31
1546.	T. M. E. R. & L. Co., labor and material.....	1,095.00
1547.	Geo. McKerrow, expenses trip to Springfield	17.74
1548.	Geo. McKerrow, expenses Board meeting	3.68
1549.	B. L. Wentworth, balance salary, September	25.00
1550.	Draft returned to Treasurer	1.00
1551.	William Welk, labor	2.00
1552.	Ed. Lutsen, labor	21.50
1553.	B. Bruine, labor	27.10
1553.	B. De Bruine, labor	27.10
1554.	Geo. De Bruine, labor	4.40
1555.	Fred Gussell, labor	16.00
1556.	Robert Phillip, labor	24.00
1557.	Thomas Skinner, labor	23.80
1558.	Thomas Glancey, labor	23.80
1559.	Peter De Beck, labor	24.80
1560.	Herman Jaeger, labor	26.00
1561.	Chas. Miller, labor	22.00
1562.	Dorr L. Hull, returned stall rent	3.00
1563.	J. G. Moore, to balance dairy sales	16.26
1564.	C. W. Harvey, expenses trip to Springfield	27.50
1565.	C. H. Everett, expenses trip to Springfield.....	17 25
1566.	T. M. E. R. & L. Co., balance bill rendered .....	.74

No.	To whom and for what.	Amount.
1567.	Benesch Bros., cast iron borings	18.00
1568.	Mrs. T. M. Baker, returned entry fee	2.00
1569.	Geo. Diesch, overpaid entry	8.00
1570.	Mrs. A. F. White, balance premium H	1.09
1571.	A. L. Kleeber, balance premiums E	1.00
1572.	Boots & Stier, balance premiums E	1.75
1573.	Julius Just, balance premiums E	1.75
1574.	J. C. Robinson & Son, balance premiums B	5.00
1575.	Void.	
1576.	S. J. Daniels, premiums A	25.90
1577.	J. R. Love, premiums A	10.00
1578.	Robert Hardy, premiums A	19.00
1579.	F. W. Harding, premiums A	171.00
1580.	Mrs. L. M. Buell, returned entry fee	2.00
1581.	The Sentinel Co., advertising.....	20 00
1582.	Schwaab Stamp & Seal Co., stamp .....	.60
1583.	E. T. Hindman, flags	3.90
1584.	C. T. Fisher, Supt. Forage and Transportation	66.00
1585.	W. E. Fisher, hay and cabbage	267.70
1586.	James J. Nelson, expenses trip to Springfield	36.76
1587.	L. E. Scott, expenses trip to Springfield.....	32 93
1588.	A. W. & F. E. Fox, balance premiums A	5.00
1589.	Florence Q. Norton, help in office	35.00
1590.	F. A. Philbrick, advertising	3.00
1591.	J. G. Iverson, mirror	2.50
1592.	John M. True, expenses trip to Milwaukee	7.25
1593.	Bill Board Publishing Co., subscription	4.00
1594.	Frank Phoenix, judging art	50.00
1595.	Jennie Rielvoldt, returned entry fee	2.00
1596.	Smith-Blodgett Co., mdse	608.64
1597.	Gimbel Bros., mdse	115.70
1598.	Wauwatosa Stone Co., mdse	453.13
1599.	W. T. Carson, labor and material	796.16
1600.	Bart J. Ruddle, salary as press agent.....	250 00
1601.	Joe De Gelleke, premiums E	2.00
1602.	N. M. Jewell & Son, premiums H	11.75
1603.	L. E. Scott, Superintendent J	55.00
1604.	A. Gilmore, blacksmithing	9.42
1604.	A. Gilmore, blacksmithing	9.42
1605.	Robert Phillip labor	26.00
1606.	Thomas Skinner, labor	22.00

No.	To whom and for what.	Amount.
1607.	Peter De Beck, labor	23.80
1608.	Herman Jaeger, labor.....	23 00
1609.	Chas. Miller, labor	26.90
1610.	Thomas Glancey, labor	10.00
1611.	A. Brown, labor	3.00
1612.	Geo. Wolfe, labor	10.00
1613.	William Wolfe, labor	20.00
1614.	Chas. Otteway, labor	2.00
1615.	John M. True, salary, October	150.00
1616.	B. L. Wentworth, salary October	50.00
1617.	Frank E. Foley, hay	97.92
1618.	Albert Foley, hay	105.16
1619.	W. H. Loman, straw	8.50
1620.	Geo. Wolfe, straw	23.34
1621.	H. T. Mower, work in Forage Department	39.29
1622.	Dan Pilgrim, work in Forage Department.....	13 50
1623.	Bert Phillips, work in Forage Department.....	17 00
1624.	Elmer Pilgrim, work in Forage Department.....	17 00
1625.	Albert Rieck, work in Forage Department.....	5 00
1626.	Chas. Barnekow, work in Forage Department.....	5 90
1627.	Ed Barnekow, work in Forage Department.....	5 18
1628.	Yahr & Lange Drug Co., chemicals for airship.....	67 97
1629.	Ed Jeske, barrels.....	6 60
1630.	William Wolfgrau, help on airship.....	2 00
1631.	F. W. Harding, balance premiums B.....	49 00
1632.	H. Raymond, wages October.....	50 00
1633.	E. C. Nielson, photographs State Fair.....	89 30
1634.	Charles Liebenthal, blacksmithing.....	26 40
1635.	W. T. Carson, balance on contract, barns.....	2,365 00
1636.	F. P. Bishop, balance premiums D.....	10 00
1637.	C. G. Wilcox, expenses.....	45 25
1638.	Fred Wylie, office work.....	15 00

November.

1639.	Geo. C. Blodgett, premiums B.....	10 00
1640.	Frank J. Lindley, premiums J.....	7 46
1641.	E. H. Kielsmeyer, balance premiums J.....	1 97
1642.	A. B. Hoyt, premiums J.....	3 95
1643.	J. H. Pilgrim, premiums J.....	7 46
1644.	W. S. Walsh, balance premiums J.....	1 26
1645.	E. H. Weber, premiums J.....	1 32

No.	To whom and for what.	Amount.
1646.	William Mussehl, premiums J.....	1 97
1647.	A. T. Bruhn, premiums J.....	6 31
1648.	Grant U. Fisher, expenses trip to Springfield.....	18 20
1649.	Geo. Wylie, expenses board meeting.....	7 84
1650.	Smith-Blodgett Co., mdse.....	10 38
1651.	Radcliffe-Porter Mfg. Co., mdse.....	50
1652.	A. LeFeber, oats.....	38 00
1653.	Owen Failey, premiums J.....	4 73
1654.	Chas. Miller, labor.....	12 00
1655.	Robert Phillip, labor.....	51 60
1656.	W. T. Carson, carpenter work.....	19 95
1657.	S. C. Swendson, silver cup, Armour Co., prize.....	26 44
1658.	L. P. Holgerson, premiums J.....	3 95
1659.	H. Raymond, wages, November.....	50 00
1660.	B. L. Wentworth, salary, November.....	50 00
1661.	John M. True, salary, November.....	150 00
1662.	John B. Arthurs, advertising.....	8 00
December.		
1663.	C. W. Jarvis, drayage.....	1 75
1664.	A. LeFeber, feed.....	4 30
1665.	Wauwatosa Milling, Fuel & Lumber Co., straw.....	172 48
1666.	Boots & Stier, balance premiums E.....	1 50
1667.	News Publishing Co., advertising.....	12 00
1668.	John Shields, premium J.....	5 32
1669.	Geo. Wylie, expenses Chicago.....	16 35
1670.	H. Raymond, wages, December.....	50 00
1671.	B. L. Wentworth, salary, December.....	50 00
1672.	John M. True, salary, December.....	150 00
1673.	O. F. Tower, lumber.....	498 76
1674.	Chas. Downing, Sec., American Association, dues... ..	10 00
1675.	Geo. G. Cox, expenses, Springfield.....	26 75
1676.	Geo. G. Cox, expenses, Chicago.....	14 50
1677.	Geo. G. Cox, expenses Board meeting.....	9 95
1678.	Geo. McKerrow, expenses Board meeting.....	5 10
1679.	Grant U. Fisher, expenses Board meetings.....	11 73
1680.	C. W. Harvey, expenses Board meeting.....	6 19
1681.	O. F. Roessler, expenses Board meeting.....	3 25
1682.	C. G. Wilcox, expenses Board meeting.....	33 00
1683.	Wisconsin Telephone Co., toll, etc., 1906.....	12 05
1684.	E. D. Haven, Agent, Wales Adding Machine.....	340 00
1685.	J. L. Herbst, expenses Board meeting.....	11 46

1907.

January.

No.	To whom and for what.	Amount.
1686.	Frank J. Jirachek, mdse.....	2 45
1687.	City Clerk, west Allis, Wis., water supply, Fair.....	34 44
1688.	Geo. A. Schneider, daily papers.....	12 00
1689.	Democrat Printing Co., subscription.....	1 25
1690.	H. R. Clough, photographs Indian Village.....	56 00
1691.	James J. Nelson, expenses.....	57 07
1692.	A. LeFeber, grains.....	43 83
1693.	C. H. Everett, expenses.....	11 32
1694.	West Allis Grocery Co., paper for Fair.....	35
1695.	C. V. Kerch, services as engineer.....	14 78
1696.	Geo. Wylie, expenses.....	15 82
1697.	H. Raymond, wages, January.....	50 00
1698.	B. L. Wentworth, salary, January.....	50 00
1699.	John M. True, salary, January.....	150 00
1700.	Void.	

February.

1701.	Grant U. Fisher, payment on salary, Supt. Grounds..	188 00
1702.	Grant U. Fisher, balance salary, Supt. Grounds.....	12 00
1703.	Grant U. Fisher, expenses.....	42 06
1704.	C. G. Wilcox, expenses.....	31 15
1705.	David Wedgwood, making report.....	5 00
1706.	Smtih-Blodgett Co., mdse.....	37 06
1707.	A. LeFeber, feed.....	7 72
1708.	L. E. Scott, expenses.....	16 27
1709.	J. L. Herbst, expenses.....	15 48
1710.	West Allis Lumber Co., mdse.....	22 20
1711.	Herman Jaeger, labor.....	21 60
1712.	Geo. G. Cox, expenses.....	22 71
1713.	H. Raymond, wages, February.....	50 00
1714.	B. L. Wentworth, salary, February.....	50 00
1715.	John M. True, salary, February.....	150 00
1716.	J. Wilderman, daily papers.....	70
1717.	Star Laundry Co., work during Fair.....	6 09

FINANCIAL REPORTS.

TREASURER'S REPORT.

Balance on hand March 6, 1906.....	\$46,568 11
Receipts since March 6, 1906.....	100,042 52
	<hr/>
Total	\$146,610 63
Disbursements since March 6, 1906.....	\$118,575 30
Balance on hand March 1, 1907.....	28,035 33
	<hr/>
	\$146,610 63

A. H. DAHL,
State Treasurer.

SECRETARY'S REPORT.

RECEIPTS.

Balance on hand March 6, 1906.....	\$46,568 11
Received from State of Wisconsin.....	10,000 00
Received from entries for trials of Speed.....	21,131 57
Received from exhibition entries and stall rent.....	2,620 05
Received from sale of concessions.....	8,981 65
Received from sale of forage.....	1,240 50
Received from admissions at gates and grand stand..	55,176 50
Received from all other sources.....	892 25
	<hr/>
	\$146,610 63

DISBURSEMENTS.

Paid for improvements.....	\$28,148 39
Paid for advertising.....	6,192 07
Paid for trials of speed.....	26,150 00
Paid for premiums in departments.....	21,246 75
Paid for Fair expenses.....	8,749 59
Paid for expenses of members of Board.....	1,616 43
Paid for special attractions.....	11,524 50
Paid for music.....	2,851 00
Paid for all other purposes.....	12,096 57
Balance in Treasury March 1, 1907.....	28,035 33

\$146,610 63

Respectfully submitted,

JOHN M. TRUE,
Secretary.

AWARD OF PREMIUMS AT STATE FAIR, 1906

HORSES.

Judges.

- W. E. Prichard, Ottawa, Ill.
 - W. B. Richards, Agricultural College, N. Dak.
 - W. A. Dobson, Marion, Ia.
-

Percheron and French Draft—Open Class.

Stallion 4 years or over.

- 1st Prem.....Richland Center Horse Assoc., Richland Center, Wis.
- 2nd Prem.....H. A. Briggs, Elkhorn, Wis.
- 3rd Prem.....L. W. Cochran, Crawfordsville, Ind.

Stallion 3 years and under 4.

- 1st Prem.....Ethelwold Farms, Mondovi, Wis.
- 2nd Prem.....L. Lewellin & Sons, Waterloo, Wis.
- 3rd Prem.....Pabst Stock Farm, Oconomowoc, Wis.

Stallion 2 years and under 3:

- 1st Prem.....Pabst Stock Farm.
- 2nd Prem.....H. A. Briggs.
- 3rd Prem.....Pabst Stock Farm.

Stallion 1 year and under 2.

- 1st Prem.....L. W. Cochran
- 2nd Prem.....L. W. Cochran.
- 3rd Prem.....Pabst Stock Farm.

ANNUAL REPORT OF THE

Stallion foal.

1st Prem.	Richland Center Horse Assoc.
2nd Prem.	Pabst Stock Farm.
3rd Prem.	L. Lewellin & Sons.

Mare 4 years or over.

1st Prem.	Pabst Stock Farm.
2nd Prem.	Pabst Stock Farm.
3rd Prem.	H. A. Briggs.

Mare, 3 years and under 4.

1st Prem.	L. W. Cochran.
2nd Prem.	Richland Center Horse Assoc.
3rd Prem.	H. A. Briggs.

Mare, 2 years and under 3.

1st Prem.	Richland Center Horse Assoc.
2nd Prem.	L. Lewellin & Sons.
3rd Prem.	Richland Center Horse Assoc.

Mare, 1 year and under 2.

1st Prem.	L. Lewellin & Sons.
2nd Prem.	L. W. Cochran.
3rd Prem.	Richland Center Horse Assoc.

Filly foal.

1st Prem.	Pabst Stock Farm.
2nd Prem.	Ethelwold Farms.
3rd Prem.	L. Lewellin & Sons.

Get of Sire.

1st Prem.	Pabst Stock Farm.
2nd Prem.	L. W. Cochran.

Produce of dam.

1st Prem.	Pabst Stock Farm.
2nd Prem.	L. Lewellin & Sons.

Percheron and French Draft.

(Horses Bred and Owned in Wisconsin.)

Stallion, 4 years or over.

1st Prem.L. Lewellin & Sons.

Stallion, 3 years and under 4.

1st Prem.Pabst Stock Farm.

2nd Prem.A. W. & F. E. Fox, Waukesha, Wis.

Stallion, 2 years and under 3.

1st Prem.L. Lewellin & Sons.

2nd Prem.Richland Center Horse Assoc.

Stallion, 1 year and under 2.

1st Prem.L. Lewellin & Sons.

2nd Prem.S. L. Mann, Waukesha, Wis.

Stallion foal.

1st Prem.Richland Center Horse Assoc.

2nd Prem.Pabst Stock Farm.

3rd Prem.L. Lewellin & Sons.

Mare, 4 years or over.

1st Prem.Pabst Stock Farm.

2nd Prem.L. Lewellin & Sons.

3rd. Prem.Pabst Stock Farm.

Mare 3 years and under 4.

1st Prem.Richland Center Horse Assoc.

2nd Prem.Pabst Stock Farm.

Mare 2 years and under 3.

1st Prem.Richland Center Horse Assoc.

2nd Prem.L. Lewellin & Sons.

3rd Prem.Pabst Stock Farm.

Mare 1 year and under 2.

1st Prem.L. Lewellin & Sons.

2nd Prem.Richland Center Horse Assoc.

ANNUAL REPORT OF THE

Filly foal.

1st Prem.....	Pabst Stock Farm.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	L. Lewellin & Sons.

Get of sire.

1st Prem.....	Pabst Stock Farm.
2nd Prem.....	L. Lewellin & Sons.

Produce of dam.

1st Prem.....	Pabst Stock Farm.
2nd Prem.....	L. Lewellin & Sons.

Sweepstakes—Percheron Classes.

Best stallion any age.....	Ethelwold Farms.
Best mare any age.....	Richland Center Horse Assoc.

SPECIAL PRIZES.

Champion stallion any age.....	Ethelwold Farms.
Champion mare any age.....	Richland Center Horse Assoc.
Champion American Bred stallion.....	L. W. Cochran
Champion American Bred mare.....	Richland Center Horse Assoc.
Best five stallions.....	Pabst Stock Farm.
Best three mares.....	Richland Center Horse Assoc.

Clydesdale—Open Class.

Stallion 4 years or over.

1st Prem.....	Ethelwold Farms.
2nd Prem.....	McLay Bros., Janesville, Wis.
3rd Prem.....	Galbraith & Son, Janesville, Wis.

Stallion 3 years and under 4.

1st Prem.....	McLay Bros.
2nd Prem.....	McLay Bros.
3rd Prem.....	Galbraith & Son

Stallion 2 years and under 3.

1st Prem.....	Galbraith & Son.
2nd Prem.....	McLay Bros.
3rd Prem.....	Ethelwold Farms.

Stallion 1 year and under 2.

1st Prem.	.....	McLay Bros.
2nd Prem.	.....	Ethelwold Farms.
3rd Prem.	.....	McLay Bros.

Stallion foal.

1st Prem.	.....	Ethelwold Farms.
2nd Prem.	.....	Ethelwold Farms.

Mare 4 years or over.

1st Prem.	.....	McLay Bros.
2nd Prem.	.....	Galbraith & Son.
3rd Prem.	.....	Ethelwold Farms.

Mare 3 years and under 4.

1st Prem.	.....	Galbraith & Son.
2nd Prem.	.....	McLay Bros.

Mare 2 years and under 3.

1st Prem.	.....	McLay Bros.
2nd Prem.	.....	McLay Bros.
3rd Prem.	.....	Ethelwold Farms.

Mare, 1 year and under 2.

1st Prem.	Ethelwold Farms.
2nd Prem.	McLay Bros.

Filly foal.

1st Prem.	Ethelwold Farms.
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Get of sire.

1st Prem.	Ethelwold Farms.
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Produce of dam.

1st Prem.	Ethelwold Farms.
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Clydesdale.

(Horses Owned and Bred in Wisconsin.)

Stallion, 4 years or over.

1st Prem.	McLay Bros.
2nd Prem.	.....	McLay Bros.

ANNUAL REPORT OF THE

Stallion, 2 years and under 3.

1st Prem. Ethelwold Farms.

Stallion, 1 year and under 2.

1st Prem. Ethelwold Farms

2nd Prem. McLay Bros.

3rd Prem. McLay Bros.

Stallion foal

1st Prem. Ethelwold Farms.

2nd Prem. Ethelwold Farms.

Mare, 4 years or over.

1st Prem. McLay Bros.

2nd Prem. Ethelwold Farms.

3rd Prem. Ethelwold Farms.

Mare, 3 years and under 4.

1st Prem. McLay Bros.

Mare, 2 years and under 3.

1st Prem. McLay Bros.

Mare, 1 year and under 2.

1st Prem. Ethelwold Farms.

Filly foal.

1st Prem. Ethelwold Farms.

Get of sire.

1st Prem. Ethelwold Farms.

2nd Prem. Sleep Bros.

Produce of dam.

1st Prem. Ethelwold Farms.

2nd Prem. Sleep Bros.

Sweepstakes—Clydesdale Classes.

Best stallion any age. Galbraith & Son.

Best mare any age. McLay Bros.

SPECIAL PRIZES.

American bred Clyde stallion.

- 1st Prem. McLay Bros.
 2nd Prem. Ethelwold Farms.
 3rd Prem. McLay Bros.

American bred Clyde mare.

- 1st Prem. McLay Bros.
 2nd Prem. McLay Bros.
 3rd Prem. Ethelwold Farms.

Best group of four animals.

- 1st Prem. McLay Bros.
 2nd Prem. Ethelwold Farms.
 3rd Prem. McLay Bros.

English Shire.

Stallion 4 years or over.

- 1st Prem. Galbraith & Son.

Stallion 2 years and under 3.

- 1st Prem. L. W. Cochran.

Stallion foal.

- 1st Prem. L. W. Cochran.

Mare, 2 years and under 3.

- 1st Prem. L. W. Cochran.

Mare, 1 year and under 2.

- 1st Prem. L. W. Cochran.

Get of sire.

- 1st Prem. L. W. Cochran.

Produce of dam.

- 1st Prem. L. W. Cochran.

Sweepstakes.

- Best stallion any age. Galbraith & Son.
 Best mare any age. L. W. Cochran.

Belgian and Other Registered Draft Breeds.

Stallion, 4 years or over.

1st Prem.	H. A. Briggs.
2nd Prem.	H. A. Briggs.

Stallion, 3 years and under 4.

1st Prem.	H. A. Briggs.
2nd Prem.	H. A. Briggs.

Stallion, 2 years and under 3.

1st Prem.	H. A. Briggs.
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Sweepstakes.

Best stallion any age.....	H. A. Briggs.
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American, English, German and French Coach Horses.

Stallion, 4 years or over.

1st Prem.	Galbraith & Son.
2nd Prem.	A. R. Ives, Delavan, Wis.
3rd Prem.	Robt. Hardy, Waukesha, Wis.

Stallion, 3 years and under 4.

1st Prem.	A. R. Ives.
2nd Prem.	J. R. Peak & Son, Winchester, Wis.

Stallion, 2 years and under 3.

1st Prem.	A. R. Ives.
2nd Prem.	J. R. Peak & Son.
3rd Prem.	J. R. Peak & Son.

Stallion, 1 year and under 2.

1st Prem.	J. R. Peak & Son.
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Mare, 4 years or over.

1st Prem.	J. R. Peak & Son.
2nd Prem.	Galbraith & Son.
3rd Prem.	A. R. Ives.

Mare, 3 years and under 4.

1st Prem.	Pabst Stock Farm.
2nd Prem.	J. R. Peak & Son.
3rd Prem.	Pabst Stock Farm.

Mare, 2 years and under 3.

1st Prem.	Pabst Stock Farm.
2nd Prem.	J. R. Peak & Son.

Mare, 1 year and under 2.

1st Prem.	J. R. Peak & Son.
2nd Prem.	A. R. Ives.
3rd Prem.	A. R. Ives.

Get of sire.

1st Prem.	J. R. Peak & Son.
2nd Prem.	A. R. Ives.

Produce of dam.

1st Prem.	J. R. Peak & Son.
2nd Prem.	A. R. Ives.

Sweepstakes.

Best stallion any age.....	Galbraith & Son.
Best mare any age.....	Pabst Stock Farm.

Standard Bred and Registered Trotting Horses.

Stallion, 4 years or over.

1st Prem.	J. R. Peak & Son.
2nd Prem.	Progress Blue Ribbon Farm, Waukesha, Wis.
3rd Prem.	August Uihlein, Milwaukee, Wis.

Stallion, 3 years and under 4.

1st Prem.	Progress Blue Ribbon Stud, West Allis, Wis.
2nd Prem.	R. S. Witte, Waukesha, Wis.
3rd Prem.	Progress Blue Ribbon Farm.

Stallion, 2 years and under 3.

1st Prem.	August Uihlein.
2nd Prem.	August Uihlein.
3rd Prem.	J. R. Peak & Son.

ANNUAL REPORT OF THE

Stallion, 1 year and under 2.

1st Prem.	August Uihlein.
2nd Prem.	J. R. Peak & Son.
3rd Prem.	Progress Blue Ribbon Stud.

Stallion foal.

1st Prem.	August Uihlein.
2nd Prem.	D. W. Powell, Waukesha, Wis.
3rd Prem.	Progress Blue Ribbon Farm.

Mare, 4 years or over.

1st Prem.	Progress Blue Ribbon Stud.
2nd Prem.	F. R. Austerman, Waukesha, Wis.
3rd Prem.	J. R. Peak & Son.

Mare, 3 years and under 4.

1st Prem.	August Uihlein.
2nd Prem.	J. R. Peak & Son.
3rd Prem.	J. R. Peak & Son.

Mare, 2 years and under 3.

1st Prem.	August Uihlein.
2nd Prem.	J. R. Peak & Son.
3rd Prem.	August Uihlein.

Mare, 1 year and under 2.

1st Prem.	J. R. Peak & Son.
2nd Prem.	August Uihlein.
3rd Prem.	Progress Blue Ribbon Stud.

Filly foal.

1st Prem.	F. R. Austerman.
2nd Prem.	August Uihlein.
3rd Prem.	Progress Blue Ribbon Farm.

Get of sire.

1st Prem.	August Uihlein.
2nd Prem.	J. R. Peak & Son.

Produce of dam.

1st Prem.	J. R. Peak & Son.
2nd Prem.	August Uihlein.

Sweepstakes.

Best stallion any age.....Progress Blue Ribbon Stud.
 Best mare any age.....August Uihlein.

Gaited Saddle Horses.

Best saddle horse over 15½ hands.

1st Prem.W. H. Whiteside, Milwaukee, Wis.
 2nd Prem.Hans Berg, Milwaukee, Wis.
 3rd Prem.W. H. Whiteside.

Best saddle horse over 14½ and under 15½ hands.

1st Prem.Hans Berg.
 2nd Prem.Dr. Lewis J. Daniels, Milwaukee, Wis.
 3rd Prem.Dr. A. J. Richter, Milwaukee, Wis.

Best saddle pony under 14½ hands.

1st Prem.Hans Berg.
 2nd Prem.Arthur Ott, West Allis, Wis.
 3rd Prem.R. S. Witte.

Boy rider under 15 years old.

1st Prem.Hans Berg.
 2nd Prem.Arthur Ott.

Girl rider under 15 years old.

1st Prem.
 2nd Prem.

Harness Horses—Mare or Gelding.

Best pair 15¾ hands or over.

1st Prem.W. H. Whiteside.
 2nd Prem.J. R. Peak & Son.
 3rd Prem.Progress Blue Ribbon Stud.

Best pair 15 hands and under 15¾ hands.

1st Prem.J. R. Peak & Son.
 2nd Prem.W. H. Whiteside.
 3rd Prem.Progress Blue Ribbon Stud.

Best single animal 15 hands and under 15¾ hands.

1st Prem.	Progress Blue Ribbon Stud.
2nd Prem.	J. R. Peak & Son.

Best single animal 15¾ hands or over.

1st Prem.	Progress Blue Ribbon Stud.
2nd Prem.	J. R. Peake & Son.
3rd Prem.	J. R. Peake & Son.

Best single animal 15 hands and under 15¾ hands.

1st Prem.	Progress Blue Ribbon Stud.
2nd Prem.	J. R. Peake & Son.
3rd Prem.	R. S. Witte.

Shetland Ponies.

Stallion 3 years or over.

1st Prem.	Pabst Stock Farm.
3rd Prem.	Ethelwold Farms.
2nd Prem.	Pabst Stock Farm

Stallion 2 years or over.

1st Prem.	Dorr L. Hull, Whitewater, Wis.
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Mare 3 years or over.

1st Prem.	Adam Seitz, Waukesha, Wis.
2nd Prem.	Adam Seitz.
3rd Prem.	Adam Seitz.

Mare 2 years or over.

1st Prem.	Dorr L. Hull.
2nd Prem.	Adam Seitz.

Mare and foal.

1st Prem.	Dorr L. Hull.
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Herd of ponies.

1st Prem.	Adam Seitz.
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Matched driving team.

1st. Prem.	Pabst Stock Farm.
2nd Prem.	Adam Seitz.

FARMERS' CLASS.

Grade Draft.

Brood mare with foal at foot.

- 1st Prem. J. T. Morris, Waukesha, Wis.
- 2nd Prem. Sleep Bros., Waukesha, Wis.
- 3rd Prem. Sleep Bros.

Mare or gelding, 3 years or over.

- 1st Prem. Sleep Bros.
- 2nd Prem. Sleep Bros.
- 3rd Prem. Schley Bros., Waukesha, Wis.

Mare or gelding, 2 years and under 3.

- 1st Prem. Sleep Bros.
- 2nd Prem. J. C. Morris
- 3rd Prem. Swartz Bros., Waukesha, Wis.

Mare or gelding, 1 year and under 2.

- 1st Prem. Swartz Bros.
- 2nd Prem. Sleep Bros.
- 3rd Prem. R. W. Rowlands, Waukesha, Wis.

Foal either sex.

- 1st Prem. Sleep Bros.
- 2nd Prem. J. L. Morris,
- 3rd Prem. Sleep Bros.

Grade draft team.

- 1st Prem. Sleep Bros
- 2nd Prem. Sleep Bros.

Team of chunks.

- 1st Prem. Schley Bros.
- 2nd Prem. Sleep Bros.
- 3rd Prem. Sleep Bros.

Grade Coachers.

Brood mare with foal at side.

- 1st Prem. J. McD. Randles, Waukesha, Wis.
- 2nd Prem. J. T. Edwards, Waukesha, Wis.

ANNUAL REPORT OF THE

Mare or gelding, 3 years or over.

1st Prem.	R. S. Witte.
2nd Prem.	W. B. Austin, Janesville, Wis.
3rd Prem.	J. T. Edwards.

Mare or gelding, 2 years and under 3.

1st Prem.	Sleep Bros.
2nd Prem.	J. T. Edwards.
3rd Prem.	R. W. Rowlands, Waukesha, Wis.

Mare or gelding, 1 year and under 2.

1st Prem.	J. T. Edwards.
2nd Prem.	George C. Blodgett, Waukesha, Wis.

Foal either sex.

1st Prem.	J. T. Edwards.
2nd Prem.	J. McD. Randles.

Non-Registered Roadsters.

Brood mare with foal at side.

1st Prem.	A. W. & F. E. Fox.
2nd Prem.	W. H. Swartz.
3rd Prem.	W. P. Dunlop, Waukesha, Wis.

Mare or gelding, 3 years or over.

1st Prem.	A. W. & F. E. Fox.
2nd Prem.	J. T. Edwards.
3rd Prem.	Schley Bros.

Mare or gelding, 2 years and under 3.

1st Prem.	R. S. Witte.
2nd Prem.	J. R. Love, Waukesha, Wis.
3rd Prem.	J. T. Edwards.

Mare or gelding, 1 year and under 2.

1st Prem.	Geo. Elliott, Waukesha, Wis.
2nd Prem.	J. T. Edwards.
3rd Prem.	R. W. Rowlands.

Foal, either sex.

1st Prem.	A. W. & F. E. Fox.
2nd Prem.	W. H. Swartz.
3rd Prem.	W. P. Dunlop.

SPECIAL PRIZES.

Judges.

Dr. A. S. Alexander, Madison, Wis.
 Prof. G. C. Humphrey, Madison, Wis.
 J. G. Fuller, Madison, Wis.

Percheron and French Draft.

Stallion, 2 years or over.

1st Prem. Ethelwold Farms.
 2nd Prem. Richland Center Horse Assoc.
 3rd Prem. H. A. Briggs.

Mare, 2 years or over.

1st Prem. Richland Center Horse Assoc.
 2nd Prem. Pabst Stock Farm.
 3rd Prem. Pabst Stock Farm.

Stallion, under 2 years.

1st Prem. Pabst Stock Farm.
 2nd Prem. L. Lewellin & Son.
 3rd Prem. S. L. Mann.

Mare, under 2 years.

1st Prem. L. Lewellin & Son.
 2nd Prem. Richland Center Horse Assoc.
 3rd Prem. Pabst Stock Farm.

Four animals bred and owned by exhibitor.

1st Prem. Richland Center Horse Assoc.
 2nd Prem. L. Lewellin & Son.

Clydesdales and Shires.

Stallion, 2 years or over.

1st Prem. Ethelwold Farms.
 2nd. Prem. Galbraith & Son.
 3rd Prem. McLay Bros.

Mare, 2 years old or over.

1st Prem. McLay Bros.
 2nd Prem. Galbraith & Son.
 3rd Prem. Ethelwold Farms.

ANNUAL REPORT OF THE

Stallion, under 2 years.

1st Prem.	McLay Bros.
2nd Prem.	Ethelwold Farms
3rd Prem.	McLay Bros.

Mare under 2 years.

1st Prem.	Ethelwold Farms.
2nd Prem.	Ethelwold Farms.
3rd Prem.	McLay Bros.

Four animals bred and owned by exhibitor.

1st Prem.	McLay Bros.
2nd Prem.	Ethelwold Farms.

Belgian and Suffolk.

Stallion 2 years or over.

1st Prem.	H. A. Briggs.
2nd Prem.	H. A. Briggs.
3rd Prem.	H. A. Briggs.

Coach Breeds and Hackneys.

Stallion 2 years or over.

1st Prem.	Galbraith & Son.
2nd Prem.	A. R. Ives.
3rd Prem.	Robert Hardy.

Mare 2 years or over.

1st Prem.	Pabst Stock Farm.
2nd Prem.	Pabst Stock Farm.
3rd Prem.	Galbraith & Son.

Stallion under 2 years.

1st Prem.	Henry Tennessen, Menomonee Falls, Wis.
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Mare under 2 years.

1st Prem.	A. R. Ives.
2nd Prem.	A. R. Ives.

Four animals bred and owned by exhibitor.

1st Prem.	A. R. Ives.
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Standard Bred and Registered Trotting Horses.

Stallion 2 years or over.

- 1st Prem.....August Uihlein.
- 2nd Prem.....August Uihlein.
- 3rd Prem.....R. S. Witte.

Mare 2 years or over.

- 1st Prem.....August Uihlein.
- 2nd Prem.....August Uihlein.
- 3rd Prem.....R. S. Witte.

Stallion under 2 years.

- 1st Prem.....August Uihlein.

Mare under 2 years.

- 1st Prem.....August Uihlein.

Four animals bred and owned by exhibitor.

- 1st Prem.....August Uihlein.

CATTLE.

Judges.

F. H. Scribner, Rosendale, Wis.

Prof. Geo. C. Humphrey, Madison, Wis.

Thomas Clark, Beecher, Ill.

Shorthorns—Open Class.

Bull, 3 years or over.

- 1st Prem.F. W. Harding, Waukesha, Wis.
- 2nd Prem.R. C. Jones, Oregon, Wis.
- 3rd Prem.E. D. Jones & Son, Rockland, Wis.
- 4th Prem.W. J. Bernd, New Richmond, Wis.
- 5th Prem.Divan Bros., Browntown, Wis.
- 6th Prem.Alex. A. Arnold & Sons, Galesville, Wis.

ANNUAL REPORT OF THE

Bull, 2 years and under 3.

1st Prem.....	Herr Bros. & Reynolds, Lodi, Wis.
2nd Prem.....	Divan Bros.
3rd Prem.....	C. R. Dawson, Warren, Ill.

Bull, 1 year and under 2.

1st Prem.....	Herr Bros. & Reynolds.
2nd Prem.....	W. J. Bernd.
3rd Prem.....	W. J. Bernd.

Senior bull calf.

1st Prem.....	F. W. Harding.
2nd Prem.....	F. W. Harding.
3rd Prem.....	Herr Bros. & Reynolds.
4th Prem.....	Herr Bros. & Reynolds.
5th Prem.....	R. C. Jones.
6th Prem.....	Divan Bros.

Junior bull calf.

1st Prem.....	Herr Bros. & Reynolds.
2nd Prem.....	F. W. Harding.
3rd Prem.....	F. W. Harding.
4th Prem.....	E. D. Jones & Son.
5th Prem.....	E. D. Jones & Son.
6th Prem.....	W. J. Bernd.

Cow, 3 years or over.

1st Prem.....	F. W. Harding.
2nd Prem.....	F. W. Harding.
3rd Prem.....	W. J. Bernd.
4th Prem.....	R. C. Jones.
5th Prem.....	Herr Bros. & Reynolds

Heifer, 2 years and under 3.

1st Prem.....	Herr Bros. & Reynolds.
2nd Prem.....	F. W. Harding.
3rd Prem.....	R. C. Jones.
4th Prem.....	Divan Bros.
5th Prem.....	W. J. Bernd.
6th Prem.....	Alex. A. Arnold & Sons.

Heifer, 1 year and under 2.

1st Prem.....	F. W. Harding.
2nd Prem.....	F. W. Harding.
3rd Prem.....	F. W. Harding.
4th Prem.....	Herr Bros. & Reynolds.
5th Prem.....	R. C. Jones.
6th Prem.....	Herr. Bros. & Reynolds.

Senior heifer calf.

1st Prem.....	F. W. Harding.
2nd Frem.....	F. W. Harding.
3rd Prem.....	Herr Bros. & Reynolds.
4th Prem.....	F. W. Harding.
5th Prem.....	R. C. Jones.
6th Prem.....	Herr. Bros. & Reynolds.

Junior heifer calf.

1st Prem.....	Herr Bros. & Reynolds.
2nd Prem.....	F. W. Harding.
3rd Prem.....	Divan Bros.
4th Prem.....	F. W. Harding.
5th Prem.....	W. J. Bernd.

Get of sire.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3rd Prem.....	R. C. Jones.
4th Prem.....	F. W. Harding.
5th Prem.....	Divan Bros.

Produce of cow.

1st Prem.....	F. W. Harding.
2nd Prem.....	F. W. Harding.
3rd Prem.....	Divan Bros.
4th Prem.....	R. C. Jones.
5th Prem.....	Alex. A. Arnold & Sons.

Aged herd.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3rd Prem.....	R. C. Jones.
4th Prem.....	Divan Bros.
5th Prem.....	W. J. Bernd.

Young herd.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3rd Prem.....	R. C. Jones.
4th Prem.....	E. D. Jones & Son.
5th Prem.....	Divan Bros.

Calf herd.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3rd Prem.....	R. C. Jones.
Champion bull over 2 years.....	F. W. Harding.
Champion cow over 2 years.....	Herr Bros. & Reynolds.
Champion bull under 2 years.....	F. W. Harding.
Champion heifer under 2 years.....	F. W. Harding.

Shorthorns—Wisconsin Class.

Bull, 3 years or over.

1st Prem.....	F. W. Harding.
2nd Prem.....	R. C. Jones.
3rd Prem.....	E. D. Jones & Son.
4th Prem.....	W. J. Bernd.
5th Prem.....	Divan Bros.
6th Prem.....	Alex. A. Arnold & Sons.

Bull, 2 years and under 3.

1st Prem.....	Herr Bros. & Reynolds.
2nd Prem.....	Divan Bros.
3rd Prem.....	C. R. Dawson, Warren, Ill.

Bull, 1 year and under 2.

1st Prem.....	Herr Bros. & Reynolds.
2nd Prem.....	W. J. Bernd.
3rd Prem.....	W. J. Bernd.

Senior bull calf.

1st Prem.....	F. W. Harding.
2nd Prem.....	F. W. Harding.
3rd Prem.....	Herr Bros. & Reynolds.
4th Prem.....	Herr Bros. & Reynolds.
5th Prem.....	R. C. Jones.
6th Prem.....	Divan Bros.

Junior bull calf.

1st Prem.....	Herr Bros. & Reynolds.
2nd Prem.....	F. W. Harding.
3rd Prem.....	Alex. A. Arnold & Sons.
4th Prem.....	E. D. Jones & Son.
5th Prem.....	E. D. Jones & Son.
6th Prem.....	W. J. Bernd.

Cow, 3 years or over.

1st Prem.....	F. W. Harding.
2nd Prem.....	F. W. Harding.
3rd Prem.....	W. J. Bernd.
4th Prem.....	R. C. Jones.
5th Prem.....	Herr Bros. & Reynolds.
6th Prem.....	Divan Bros.

Heifer, 2 years and under 3.

1st Prem.....	Herr Bros. & Reynolds.
2nd Prem.....	F. W. Harding.
3rd Prem.....	R. C. Jones.
4th Prem.....	Divan Bros.
5th Prem.....	W. J. Bernd.
6th Prem.....	Alex. A. Arnold & Sons.

Heifer, 1 year and under 2.

1st Prem.....	F. W. Harding.
2nd Prem.....	F. W. Harding.
3rd Prem.....	F. W. Harding.
4th Prem.....	Herr Bros. & Reynolds.
5th Prem.....	Herr Bros. & Reynolds.
6th Prem.....	Herr Bros. & Reynolds.

Senior heifer calf.

1st Prem.....	F. W. Harding.
2nd Prem.....	F. W. Harding.
3rd Prem.....	Herr Bros. & Reynolds.
4th Prem.....	F. W. Harding.
5th Prem.....	R. C. Jones.
6th Prem.....	Herr Bros. & Reynolds.

Junior heifer calf.

1st Prem.....	Herr Bros. & Reynolds.
2nd Prem.....	F. W. Harding.
3rd Prem.....	Divan Bros.
4th Prem.....	F. W. Harding.
5th Prem.....	W. J. Bernd.

Get of sire.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3rd Prem.....	R. C. Jones.
4th Prem.....	F. W. Harding.
5th Prem.....	Divan Bros.

Produce of cow.

1st Prem.....	F. W. Harding.
2nd Prem.....	F. W. Harding.
3rd Prem.....	R. C. Jones.
4th Prem.....	R. C. Jones.
5th Prem.....	Alex. A. Arnold & Sons.

Aged herd.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3rd Prem.....	Divan Bros.
4th Prem.....	Divan Bros.
5th Prem.....	W. J. Bernd.

Young herd.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3rd Prem.....	R. C. Jones.
4th Prem.....	E. D. Jones & Son.
5th Prem.....	Divan Bros.

Calf herd.

1st Prem.....	F. W. Harding.
2nd Prem.....	Herr Bros. & Reynolds.
3rd Prem.....	R. C. Jones.
Champion bull over 2 years.....	F. W. Harding.
Champion cow over 2 years.....	Herr Bros. & Reynolds.
Champion bull under 2 years.....	F. W. Harding.
Champion heifer under 2 years.....	F. W. Harding.

Hereford.

Bull, 3 years or over.

- 1st Prem.....J. C. Robinson & Son, Evansville, Wis.
- 2nd Prem.....H. N. Thompson, Woodstock, Ill.

Bull, 2 years and under 3.

- 1st Prem.....Cargill & McMillan.

Bull, 1 year and under 2.

- 1st Prem.....Cargill & McMillan.
- 2nd Prem.....H. N. Thompson.
- 3rd Prem.....J. C. Robinson & Son.

Bull, under 1 year.

- 1st Prem.....Cargill & McMillan.
- 2nd Prem.....Cargill & McMillan.
- 3rd Prem.....H. N. Thompson.

Cow, 3 years or over.

- 1st Prem.....Cargill & McMillan.
- 2nd Prem.....Cargill & McMillan.
- 3rd Prem.....H. N. Thompson.

Heifer, 2 years and under 3.

- 1st Prem.....Cargill & McMillan.
- 2nd Prem.....Cargill & McMillan.
- 3rd Prem.....J. C. Robinson & Son.

Heifer, 1 year and under 2.

- 1st Prem.....Cargill & McMillan.
- 2nd Prem.....Cargill & McMillan.
- 3rd Prem.....H. N. Thompson.

Heifer, under 1 year.

- 1st Prem.....Cargill & McMillan.
- 2nd Prem.....H. N. Thompson.
- 3rd Prem.....Cargill & McMillan.

Get of sire.

- 1st Prem.....Cargill & McMillan.
- 2nd Prem.....J. C. Robinson & Son.

Produce of cow.

1st Prem.....	Cargill & McMillan.
2nd Prem.....	J. C. Robinson & Son.
Champion bull over 2 years.....	Cargill & McMillan.
Champion cow over 2 years.....	Cargill & McMillan.
Champion bull under 2 years.....	Cargill & McMillan.
Champion heifer under 2 years.....	Cargill & McMillan.

Aberdeen—Angus.

Bull, 3 years or over.

1st Prem.....	W. A. McHenry, Denison, Ia.
2nd Prem.....	Ethelwold Farms, Mondovi, Wis.
3rd Prem.....	J. D. Hatch, Lancaster, Wis.

Bull, 1 year and under 2.

1st Prem.....	W. A. McHenry.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	J. D. Hatch.

Bull, under 1 year.

1st Prem.....	W. A. McHenry.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	J. D. Hatch.

Cow, 3 years or over.

1st Prem.....	W. A. McHenry.
2nd Prem.....	Stewart Lumber Co., Wausau, Wis.
3rd Prem.....	Ethelwold Farms.

Heifer, 2 years and under 3.

1st Prem.....	W. A. McHenry.
2nd Prem.....	J. D. Hatch.
3rd Prem.....	Stewart Lumber Co.

Heifer, 1 year and under 2.

1st Prem.....	W. A. McHenry.
2nd Prem.....	W. A. McHenry.
3rd Prem.....	Stewart Lumber Co.

Heifer, under 1 year.

Get of sire.

1st Prem.....	W. A. McHenry.
2nd Prem.....	Stewart Lumber Co.

Produce of cow.

1st Prem.....	W. A. McHenry.
2nd Prem.....	W. A. McHenry.
Champion bull over 2 years.....	W. A. McHenry.
Champion cow over 2 years.....	W. A. McHenry.
Champion bull under 2 years.....	W. A. McHenry.
Champion heifer under 2 years.....	W. A. McHenry.

SPECIAL PREMIUMS.

Bull, 3 years or over.

1st Prem.....	W. A. McHenry.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	J. D. Hatch.

Bull, 1 year and under 2.

1st Prem.....	W. A. McHenry.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	J. D. Hatch.

Bull, under 1 year.

1st Prem.....	W. A. McHenry.
2nd Prem.....	Ethelwold Farms.
3rd Prem.....	J. D. Hatch.
4th Prem.....	Stewart Lumber Co.
5th Prem.....	J. D. Hatch
6th Prem.....	Stewart Lumber Co.

Cow, 3 years or over.

1st Prem.....	W. A. McHenry.
2nd Prem.....	Stewart Lumber Co.
3rd Prem.....	Ethelwold Farms.
4th Prem.....	Stewart Lumber Co.
5th Prem.....	Ethelwold Farms.
6th Prem.....	J. D. Hatch.

Heifer, 2 years and under 3.

1st Prem.....	W. A. McHenry.
2nd Prem.....	J. D. Hatch.
3rd Prem.....	Stewart Lumber Co.
4th Prem.....	Ethelwold Farms.

Heifer, 1 year and under 2.

1st Prem.....	W. A. McHenry.
2nd Prem.....	W. A. McHenry.
3rd Prem.....	Stewart Lumber Co.
4th Prem.....	Stewart Lumber Co.
5th Prem.....	J. D. Hatch.
6th Prem.....	J. D. Hatch.

Heifer, under 1 year.

1st Prem.....	W. A. McHenry.
2nd Prem.....	W. A. McHenry.
3rd Prem.....	W. A. McHenry.
4th Prem.....	W. A. McHenry.
5th Prem.....	J. D. Hatch.

Polled Durham.

Bull, 3 years or over.

1st Prem.....	William Smiley, Albany, Wis
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Bull, 2 years and under 3.

1st Prem.....	Wash Cortner & Sons, Farmland, Ind.
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Bull, 1 year and under 2.

1st Prem.....	William Smiley,
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Bull, under 1 year.

1st Prem.....	Wash Cortner & Sons.
2nd Prem.....	William Smiley.

Cow, 3 years or over.

1st Prem.....	Wash Cortner & Sons.
2nd Prem.....	William Smiley.
3rd Prem.....	William Smiley.

Heifer, 2 years and under 3.

1st Prem.....	William Smiley,
2nd Prem.....	Wash Cortner & Sons.

Heifer, 1 year and under 2.

1st Prem.....	William Smiley,
1st Prem.....	William Smiley,
3rd Prem.....	Wash Cortner & Sons.

Heffer, under 1 year.

- 1st Prem.....William Smiley,
- 2nd Prem.....William Smiley.
- 3rd Prem.....Wash Cortner & Sons.

Get of sire.

- 1st Prem.....William Smiley.

Produce of cow.

- 1st Prem.....William Smiley.
- 2nd Prem.....William Smiley.
- Champion bull over 2 years.....William Smiley.
- Champion cow over 2 years.....William Smiley.
- Champion bull under 2 years.....William Smiley.
- Champion heifer under 2 years.....William Smiley.

Red Polled.

Bull, 3 years or over.

- 1st Prem.....J. Slimmer, Wausau, Wis.
- 2nd Prem.....Geo. B. Buck & Co., Arion, Ill.
- 3rd Prem.....A. W. Dopke, N. Milwaukee, Wis.

Bull, 2 years and under 3.

- 1st Prem.....J. Slimmer.
- 2nd Prem.....A. W. Dopke.

Bull, 1 year and under 2.

- 1st Prem.....J. Slimmer.
- 2nd Prem.....Geo. B. Buck & Co.
- 3rd Prem.....Geo. B. Buck & Co.

Bull, under 1 year.

- 1st Prem.....Geo. B. Buck & Co.
- 2nd Prem.....J. Slimmer.
- 3rd Prem.....Geo. B. Buck & Co.

Cow, 2 years or over.

- 1st Prem.....J. Slimmer.
- 2nd Prem.....J. Slimmer.
- 3rd Prem.....J. Slimmer.

Heifer, 2 years and under 3.

1st Prem.....	Geo. B. Buck & Co.
2nd Prem.....	J. Slimmer.
3rd Prem.....	J. Slimmer.

Heifer, 1 year and under 2.

1st Prem.....	J. Slimmer.
2nd Prem.....	Geo. B. Buck & Co.
3rd Prem.....	A. W. Dopke.

Heifer, under 1 year.

1st Prem.....	J. Slimmer.
2nd Prem.....	J. Slimmer.
3rd Prem.....	A. W. Dopke.

Get of sire.

1st Prem.....	J. Slimmer.
2nd Prem.....	J. Slimmer.

Produce of cow.

1st Prem.....	J. Slimmer.
2nd Prem.....	J. Slimmer.
Champion bull over 2 years.....	J. Slimmer.
Champion cow over 2 years.....	Geo. B. Buck & Co.
Champion bull under 2 years.....	J. Slimmer.
Champion heifer under 2 years.....	J. Slimmer.

SPECIAL PREMIUMS.

Red Polled cow in milk.....	J. Slimmer.
Two heifer calves.....	J. Slimmer.
Young herd	J. Slimmer.
Bull 3 years or over.....	J. Slimmer.
Cow 3 years or over.....	J. Slimmer.
Heifer 2 years and under 3.....	Geo. B. Buck & Co.
Heifer 1 year and under 2.....	J. Slimmer.
Heifer calf	J. Slimmer.

Brown Swiss.

Bull, 3 years or over.

1st Prem.H. W. Ayers, Honey Creek, Wis.

Bull, 2 years and under 3.

1st Prem.H. W. Ayers.

Bull, 2 years and under 3.

1st Prem.H. W. Ayers.

Bull, 1 year and under 2.

1st Prem.H. W. Ayers.

Bull, under 1 year.

1st Prem.H. W. Ayers.

2nd Prem.H. W. Ayers.

Cow, 3 years or over.

1st Prem.H. W. Ayers.

2nd Prem.H. W. Ayers.

Heifer, 2 years and under 3.

1st Prem.H. W. Ayers.

2nd Prem.H. W. Ayers.

3rd Prem.H. W. Ayers.

Heifer, 1 year and under 2.

1st Prem.H. W. Ayers.

2nd Prem.H. W. Ayers.

Heifer, under 1 year.

1st Prem.H. W. Ayers.

2nd Prem.H. W. Ayers.

Get of sire.

1st Prem.H. W. Ayers.

Produce of cow.

1st Prem.H. W. Ayers.

Champion bull over 2 years.....H. W. Ayers.

Champion cow over 2 years.....H. W. Ayers.

Champion bull under 2 years.....H. W. Ayers.

Champion heifer under 2 years.....H. W. Ayers

Holstein-Friesian.**Bull, 3 years or over.**

1st Prem.	W. B. Barney & Co., Hampton, Ia.
2nd Prem.	Nick Grimm, Ringle, Wis.
3rd Prem.	E. T. Carroll, Wares, Wis.

Bull, 2 years and under 3.

1st Prem.	Nick Grimm.
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Bull, 1 year and under 2.

1st Prem.	W. B. Barney & Co.
2nd Prem.	Rust Bros., West Allis, Wis.
3rd Prem.	Nick Grimm.

Bull, under 1 year.

1st Prem.	E. J. Fargo, Lake Mills, Wis.
2nd Prem.	W. B. Barney & Co.
3rd Prem.	E. T. Carroll.

Cow, 3 years or over.

1st Prem.	W. B. Barney & Co.
2nd Prem.	E. J. Fargo.
3rd Prem.	Rust Bros.

Heifer, 2 years and under 3.

1st Prem.	W. B. Barney & Co.
2nd Prem.	E. T. Carroll.
3rd Prem.	Nick Grimm.

Heifer, 1 year and under 2.

1st Prem.	W. B. Barney & Co.
2nd Prem.	Rust Bros.
3rd Prem.	W. B. Barney & Co.

Heifer, under 1 year.

1st Prem.	W. B. Barney & Co.
2nd Prem.	Rust Bros.
3rd Prem.	E. T. Carroll.

Get of sire.

1st Prem.	Rust Bros.
2nd Prem.	W. B. Barney & Co.

Produce of cow.

1st Prem.	.....Rust Bros.
2nd Prem.	.....Rust Bros.
Champion bull over 2 years.....	W. B. Barney & Co.
Champion cow over 2 years.....	W. B. Barney & Co.
Champion bull under 2 years.....	W. B. Barney & Co.
Champion heifer under 2 years.....	W. B. Barney & Co.

Guernsey.

Bull, 3 years or over.

1st Prem.....	M. D. Cunningham. Kansasville, Wis.
2nd Prem.	Fred Vogel, Jr., Milwaukee, Wis.
3rd Prem.	M. D. Cunningham.

Bull, 2 years and under 3.

1st Prem.	Seymour Bros., Wauwatosa, Wis.
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Bull, 1 year and under 2.

1st Prem.	William M. Jones, Waukesha, Wis.
2nd Prem.	M. D. Cunningham.
3rd Prem.	Fred Vogel, Jr.

Bull, under 1 year.

1st Prem.	J. H. Williams, Waukesha, Wis.
2nd Prem.	M. D. Cunningham.
3rd Prem.	Howard Greene, Genesee Depot, Wis.

Cow, 3 years or over.

1st Prem.	Fred Vogel, Jr.
2nd Prem.	M. D. Cunningham
3rd Prem.	Fred Vogel, Jr.

Heifer, 2 years and under 3.

1st Prem.....	M. D. Cunningham.
2nd Prem.	M. D. Cunningham.
3rd Prem.	J. H. Williams.

Heifer, 1 year and under 2.

1st Prem.	Wm. M. Jones.
2nd Prem.	M. D. Cunningham.
3rd Prem.	J. H. Williams.

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Heifer, under 1 year.

1st Prem.	J. H. Williams.
2nd Prem.	William M. Jones.
3rd Prem.	M. D. Cunningham.

Get of sire.

1st Prem.	M. D. Cunningham.
2nd Prem.	William M. Jones.

Produce of cow.

1st Prem.	Seymour Bros.
2nd Prem.	M. D. Cunningham.
Champion bull over 2 years.....	M. D. Cunningham.
Champion cow over 2 years.....	Fred Vogel, Jr.
Champion bull under 2 years.....	William M. Jones.
Champion heifer under 2 years.....	William M. Jones.

Jersey.

Bull, 3 years or over.

1st Prem.	Dixon & Deaner, Brandon, Wis.
2nd Prem.	E. J. Thomas, Nashotah, Wis.

Bull, 2 years and under 3.

1st Prem.	Dixon & Deaner.
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Bull, 1 year and under 2.

1st Prem.	Dixon & Deaner.
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Bull under 1 year.

1st Prem.	Dixon & Deaner.
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Cow, 3 years or over.

1st Prem.	Dixon & Deaner.
2nd Prem.	Dixon & Deaner.
3rd Prem.	Dixon & Deaner.

Heifer, 2 years and under 3.

1st Prem.	Dixon & Deaner.
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Heifer, 1 year and under 2.

1st Prem.	Dixon & Deaner.
2nd Prem.	Dixon & Deaner.

Heifer, under 1 year.

1st Prem.	.....	Dixon & Deaner.
2nd Prem.	.....	Dixon & Deaner.
3rd Prem.	.....	E. J. Thomas.

Get of sire.

1st Prem.	.....	Dixon & Deaner.
2nd Prem.	.....	Dixon & Deaner.

Produce of cow.

1st Prem.	.....	Dixon & Deaner.
2nd Prem.	.....	Dixon & Deaner.
Champion bull over 2 years.	.....	Dixon & Deaner.
Champion cow over 2 years.	.....	Dixon & Deaner.
Champion bull under 2 years.	.....	Dixon & Deaner.
Champion Heifer under 2 years.	.....	Dixon & Deaner.

Ayrshire.

Bull, 3 years or over.

1st Prem.	.....	Sam Jones, Juneau, Wis.
2nd Prem.	.....	Ed. Finn, Whitewater, Wis.
3rd Prem.	.....	Ed Finn.

Bull, 2 years and under 3.

1st Prem.	.....	Adam Seitz, Waukesha, Wis.
2nd Prem.	.....	Ed Finn.

Bull, 1 year and under 2.

1st Prem.	.....	Sam Jones.
2nd Prem.	.....	Sam Jones.

Bull, under 1 year.

1st Prem.	.....	Adam Seitz.
2nd Prem.	.....	Sam Jones.
3rd Prem.	.....	Sam Jones.

Cow, 3 years or over.

1st Prem.	.....	Adam Seitz.
2nd Prem.	.....	Sam Jones.
3rd Prem.	.....	Adam Seitz.

ANNUAL REPORT OF THE

Heifer, 2 years and under 3.

1st Prem.	Adam Seitz.
2nd Prem.	Sam Jones.
3rd Prem.	Sam Jones.

Heifer, 1 year and under 2.

1st Prem.	Adam Seitz
2nd Prem.	Sam Jones.

Heifer under 1 year.

1st Prem.	Sam Jones.
2nd Prem.	Adam Seitz.
3rd Prem.	Ed Finn.

Get of sire.

1st Prem.	Adam Seitz.
2nd Prem.	Sam Jones.

Produce of cow.

1st Prem.	Adam Seitz.
2nd Prem.	Sam Jones.
Champion bull over 2 years.....	Sam Jones
Champion cow over 2 years.....	Adam Seitz.
Champion bull under 2 years.....	Sam Jones.
Champion heifer under 2 years.....	Adam Seitz.

SPECIAL PRIZE.

A silver cup offered by the American Ayrshire Breeders' Association of New York, for the best herd of Ayrshires.

Won byAdam Seitz, Waukesha, Wis.

SHEEP.

Judge.

Frank Kleinheinz, Madison, Wis.

Shropshire—Open Class.

Ram, 2 years or over.

- 1st Prem.Geo. McKerrow & Sons, Pewaukee, Wis.
- 2nd Prem.Renk Bros., Sun Prairie, Wis.
- 3rd Prem.....Geo. McKerrow & Sons.

Ram, 1 year and under 2.

- 1st Prem.F. W. Harding, Waukesha, Wis.
- 2nd Prem.Geo. McKerrow & Sons.
- 3rd Prem.....Lloyd Jones Bros., Toronto, Can.

Ram, under 1 year.

- 1st Prem.F. W. Harding.
- 2nd Prem.Geo. McKerrow & Son.
- 3rd. Prem.F. W. Harding.

Ewe, 2 years or over.

- 1st Prem.....Geo. McKerrow & Sons.
- 2nd Prem.Geo. McKerrow & Sons.
- 3rd Prem.Lloyd Jones Bros.

Ewe, 1 year and under 2.

- 1st Prem.F. W. Harding.
- 2nd Prem.Geo. McKerrow & Sons.
- 3rd Prem.....Geo. McKerrow & Sons.

Ewe, under 1 year.

- 1st Prem.F. W. Harding.
- 2nd Prem.Renk Bros.
- 3rd Prem.Lloyd Jones Bros.

Flock.

- 1st Prem.F. W. Harding.
- 2nd Prem.Geo. McKerrow & Sons.

Pen of four lambs.

1st Prem.	W. Woodward, Bloomer, Wis.
2nd Prem.	J. C. Robinson & Son, Evansville, Wis.
Champion ram any age	F. W. Harding.
Champion ewe any age	F. W. Harding.

American Bred Shropshire.

Ram, 2 years or over.

1st Prem.	Renk Bros.
2nd Prem.	Geo. McKerrow & Sons.
3rd Prem.	J. C. Robinson & Son.

Ram, 1 year and under 2.

1st Prem.	W. Woodard.
2nd Prem.	Geo. McKerrow & Sons.
3rd Prem.	J. C. Robinson & Son.

Ram, under 1 year.

1st Prem.	W. Woodard.
2nd Prem.	W. Woodard.
3rd Prem.	Geo. McKerrow & Sons.

Ewe, 2 years or over.

1st Prem.	Geo. McKerrow & Sons.
2nd Prem.	Geo. McKerrow & Sons.
3rd Prem.	Renk Bros.

Ewe, 1 year and under 2.

1st Prem.	W. Woodard.
2nd Prem.	W. Woodard.

Ewe, under 1 year.

1st Prem.	Geo. McKerrow & Sons.
2nd Prem.	Renk Bros.
3rd Prem.	W. Woodard.

Flock.

1st Prem.	Geo. McKerrow & Sons.
2nd Prem.	W. Woodard.

Pen of four lambs.

1st Prem.	W. Woodard.
2nd Prem.	J. C. Robinson & Sons.
Champion ram any age	W. Woodard.
Champion ewe any age	Geo. McKerrow & Sons.

Wisconsin Bred Shropshire.

Ram, 2 years or over.

1st Prem.	Renk Bros.
2nd Prem.	J. C. Robinson & Son.

Ram, 1 year and under 2.

1st Prem.	W. Woodard.
2nd Prem.	Eli Crall & Son, Evansville, Wis.
3rd Prem.	J. C. Robinson & Son.

Ram, under 1 year.

1st Prem.	W. Woodard.
2nd Prem.	W. Woodard.
3rd Prem.	Geo. McKerrow & Sons.

Ewe, 2 years or over.

1st. Prem.	Geo. McKerrow & Sons.
2nd Prem.	Renk Bros.
3rd Prem.	Eli Crall & Son.

Ewe, 1 year and under 2.

1st Prem.	W. Woodard.
2nd Prem.	W. Woodard.
3rd Prem.	J. C. Robinson & Son.

Ewe, under 1 year.

1st Prem.	Renk Bros.
2nd Prem.	W. Woodard.
3rd Prem.	W. Woodard.

Flock.

1st Prem.	W. Woodard.
2nd Prem.	Eli Crall & Son.

Pen of four lambs.

1st Prem.	W. Woodard.
2nd Prem.	J. C. Robinson & Son.
Champion ram any age	W. Woodard.
Champion ewe any age	Geo. McKerrow & Sons.

Wisconsin Sheep Breeders' Assoc. Special.

Best pair of lambs bred and owned in Wisconsin	W. Woodard
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Oxford—Open Class.

Ram, 2 years or over.

1st Prem.	Geo. McKerrow & Sons.
2nd Prem.	Geo. McKerrow & Sons.
3rd Prem.	Geo. McKerrow & Sons.

Ram, 1 year and under 2.

1st Prem.	Geo. McKerrow & Sons.
2nd Prem.	Geo. McKerrow & Sons.
3rd Prem.	F. H. Coriell, Stockport, Ia.

Ram, under 1 year.

1st. Prem.	Geo. McKerrow & Sons.
2nd Prem.	F. H. Coriell.
3rd Prem.	Geo. McKerrow & Sons.

Ewe, 2 years or over.

1st. Prem.	Geo. McKerrow & Sons.
2nd Prem.	Geo. McKerrow & Sons.
3rd Prem.	Geo. McKerrow & Sons.

Ewe, 1 year and under 2.

1st. Prem.	Geo. McKerrow & Sons.
2nd Prem.	F. H. Coriell.
3rd Prem.	Geo. McKerrow & Sons.

Ewe, under 1 year.

1st. Prem.	Geo. McKerrow & Sons.
2nd Prem.	Geo. McKerrow & Sons.
3rd Prem.	F. H. Coriell.

Flock.

- 1st. Prem.Geo. McKerrow & Sons.
- 2nd Prem.Geo. McKerrow & Sons.

Pen of four lambs.

- 1st. Prem.Geo. McKerrow & Sons.
- 2nd Prem.W. D. McGill, Menomonee Falls, Wis.
- Champion ram any ageGeo. McKerrow & Sons.
- Champion ewe any ageGeo. McKerrow & Sons.

Wisconsin Bred Oxford.

Yearling ram.

- 1st. Prem.Geo. McKerrow & Sons
- 2nd Prem.Geo. McKerrow & Sons.

Yearling ewe.

- 1st. Prem.Geo. McKerrow & Sons.
- 2nd Prem.Geo. McKerrow & Sons.

Ram lamb.

- 1st Prem.W. D. McGill.
- 2nd Prem.Geo. McKerrow & Sons.

Pen of four lambs.

- 1st. Prem.Geo. McKerrow & Sons.
- 2nd Prem.Geo. McKerrow & Sons.

Ram, 1 year old.

- 1st. Prem.Geo. McKerrow & Sons.
- 2nd Prem.Geo. McKerrow & Sons.

Ram lamb.

- 1st Prem.W. D. McGill.
- 2nd Prem.Geo. McKerrow & Sons.

Ewe, 1 year old.

- 1st. Prem.Geo. McKerrow & Sons.
- 2nd Prem.Geo. McKerrow & Sons.

Ewe lamb.

- 1st. Prem.Geo. McKerrow & Sons.
- 2nd Prem.Geo. McKerrow & Sons.

ANNUAL REPORT OF THE

Pen of two lambs.

1st. Prem.	Geo. McKerrow & Sons.
2nd Prem.	Geo. McKerrow & Sons.

Wisconsin Sheep Breeders' Assoc. Special.

Best pair of lambs bred and owned in Wisconsin.....	Geo. McKerrow & Sons.
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Southdown—Open Class.

Ram, 2 years or over.

1st Prem.	Telfer Bros., Paris, Ontario.
2nd Prem.	Geo. McKerrow & Sons.

Ram, 1 year and under 2.

1st Prem.	Telfer Bros.
2nd Prem.	Geo. McKerrow & Sons.

Ram, under 1 year.

1st. Prem.	Geo. McKerrow & Sons.
2nd Prem.	Telfer Bros.
3rd Prem.	Telfer Bros.

Ewe, 2 years or over.

1st. Prem.	Geo. McKerrow & Sons.
2nd Prem.	Geo. McKerrow & Sons.
3rd Prem.	Telfer Bros.

Ewe, 1 year and under 2.

1st. Prem.	Geo. McKerrow & Sons.
2nd Prem.	Telfer Bros.
3rd Prem.	Telfer Bros.

Ewe, under 1 year.

1st. Prem.	Geo. McKerrow & Sons.
2nd Prem.	Telfer Bros.
3rd Prem.	Geo. McKerrow & Sons.

Flock.

1st. Prem.	Geo. McKerrow & Sons.
2nd Prem.	Telfer Bros.

Pen of 4 lambs.

- 1st Prem. Telfer Bros.
- 2nd Prem. Geo. McKerrow & Sons.
- Champion ram any age Telfer Bros.
- Champion ewe any age Geo. McKerrow & Sons.

Wisconsin bred southdowns.

Yearling ram.

- 1st Prem. Geo. McKerrow & Sons.

Yearling ewe.

- 1st. Prem. Geo. McKerrow & Sons.

Ram lamb.

- 1st. Prem. Geo. McKerrow & Sons.

Pen of four lambs.

- 1st. Prem. Geo. McKerrow & Sons.

Ram, 1 year old.

- 1st Prem. Geo. McKerrow & Sons.

Ram lamb.

- 1st. Prem. Geo. McKerrow & Sons.

Ewe, 1 year old

- 1st Prem. Geo. McKerrow & Sons.

Ewe lamb.

- 1st Prem. Geo. McKerrow & Sons.
- 2nd Prem. Geo. McKerrow & Sons.

Pen of two lambs.

- 1st Prem. Geo. McKerrow & Sons.
- 2nd Prem. Geo. McKerrow & Sons.

Wisconsin Sheep Breeders' Assoc. Special.

- Best pair lambs bred and owned in Wisconsin. . Geo. McKerrow & Sons.

Hampshire.

Ram, 2 years or over

1st Prem.	Telfer Bros.
2nd Prem.	W. G. Bartholf, Burlington, Wis.
3rd Prem.	F. H. Patten, Lyons, Wis.

Ram, 1 year and under 2.

1st Prem.	Renk Bros.
2nd Prem.	Telfer Bros.
3rd Prem.	Telfer Bros.

Ram, under 1 year.

1st Prem.	Telfer Bros.
2nd Prem.	Renk Bros.
3rd Prem.	Renk Bros.

Ewe, 2 years or over.

1st Prem.	Telfer Bros.
2nd Prem.	Renk Bros.
3rd Prem.	Telfer Bros.

Ewe, 1 year and under 2.

1st Prem.	Telfer Bros.
2nd Prem.	Telfer Bros.
3rd Prem.	Renk Bros.

Ewe, under 1 year.

1st Prem.	Renk Bros.
2nd Prem.	Telfer Bros.
3rd Prem.	Renk Bros.

Flock.

1st Prem.	Telfer Bros.
2nd Prem.	Renk Bros.

Pen of four lambs.

1st Prem.	W. G. Bartholf.
2nd Prem.	F. H. Patten.
Champion ram any age	Telfer Bros.
Champion ewe any age	Telfer Bros.

SPECIAL PREMIUMS.

Four lambs.

- 1st Prem. W. G. Bartholf.
- 2nd Prem. F. H. Patten.

Wisconsin Sheep Breeders' Assoc. Special.

- Best pair of lambs bred and owned in Wisconsin..... W. G. Bartholf.

Cotswold.

Ram, 2 years or over.

- 1st Prem. Lewis Bros., Camp Point, Ill
- 2nd Prem. F. W. Harding.
- 3rd Prem. N. M. Jewell & Son, Mineral Point, Wis.

Ram, 1 year and under 2.

- 1st Prem. F. W. Harding.
- 2nd Prem. Lewis Bros.
- 3rd Prem. Lewis Bros.

Ram, under 1 year.

- 1st Prem. Lewis Bros.
- 2nd Prem. Lewis Bros.
- 3rd Prem. F. W. Harding.

Ewe, 2 years or over.

- 1st Prem. F. W. Harding.
- 2nd Prem. F. W. Harding.
- 3rd Prem. Lewis Bros.

Ewe, 1 year and under 2.

- 1st Prem. F. W. Harding.
- 2nd Prem. Lewis Bros.
- 3rd Prem. Lewis Bros.

Ewe, under 1 year.

- 1st Prem. F. W. Harding.
- 2nd Prem. F. W. Harding.
- 3rd Prem. F. W. Harding.

Flock.

1st Prem.	F. W. Harding.
2nd Prem.	Lewis Bros.

Pen of four lambs.

1st Prem.	N. M. Jewell & Son.
Champion ram of any age	F. W. Harding.
Champion ewe of any age	F. W. Harding.

Wisconsin Sheep Breeders' Assoc. Special.

Best pair lambs bred and owned in Wisconsin....	N. M. Jewell & Son.
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Lincoln & Leicester.

Ram, 2 years or over.

1st Prem.	Alex A. Arnold & Son, Galesville, Wis.
2nd Prem.	Alex A. Arnold & Son.

Ram, 1 year and under 2.

1st Prem.	Alex A. Arnold & Son.
2nd Prem.	Alex A. Arnold & Son.
3rd Prem.	Alex A. Arnold & Son.

Ewe, 2 years or over.

1st Prem.	Alex A. Arnold & Son.
2nd Prem.	Alex A. Arnold & Son.
3rd Prem.	Alex A. Arnold & Son.

Ewe, 1 year and under 2.

1st Prem.	Alex A. Arnold & Son.
2nd Prem.	Alex A. Arnold & Son.

Ewe, under 1 year.

1st Prem.	Alex A. Arnold & Son.
2nd Prem.	Alex A. Arnold & Son.
3rd Prem.	Alex A. Arnold & Son.

Flocks.

1st Prem.	Alex A. Arnold & Son.
2nd Prem.	Alex A. Arnold & Son.
Champion ram any age	Alex A. Arnold & Son.
Champion ewe any age	Alex A. Arnold & Son.

Wisconsin Sheep Breeders' Assoc. Special.

Best pair lambs bred and owned in Wis. Alex A. Arnold & Son.

Cheviot.

Ram, 2 years or over.

- 1st Prem. G. W. Parnell, Wingate, Ind.
- 2nd Prem. M. P. & S. E. Lantz, Carlack, Ill.
- 3rd Prem. Ethelwold Farms, Mondovi, Wis.

Ram, 1 year and under 2.

- 1st Prem. G. W. Parnell.
- 2nd Prem. M. P. & S. E. Lantz.
- 3rd Prem. Ethelwold Farms

Ram, under 1 year.

- 1st Prem. M. P. & S. E. Lantz.
- 2nd Prem. G. W. Parnell.
- 3rd Prem. M. P. & S. E. Lantz.

Ewe, 2 years or over.

- 1st Prem. M. P. & S. E. Lantz.
- 2nd Prem. M. P. & S. E. Lantz.
- 3rd Prem. Ethelwold Farms

Ewe, 1 year and under 2.

- 1st Prem. G. W. Parnell.
- 2nd Prem. G. W. Parnell.
- 3rd Prem. M. P. & S. E. Lantz.

Ewe, under 1 year.

- 1st Prem. G. W. Parnell.
- 2nd Prem. M. P. & S. E. Lantz.
- 3rd Prem. M. P. & S. E. Lantz.

Flock.

- 1st Prem. G. W. Parnell.
- 2nd Prem. M. P. & S. E. Lantz.

Pen of four lambs.

- 1st Prem. M. P. & S. E. Lantz.
- 2nd Prem. Ethelwold Farms
- Champion ram any age G. W. Parnell.
- Champion ewe any age G. W. Parnell

Wisconsin Sheep Breeders' Assoc. Special.

Best pair of lambs bred and owned in Wisconsin Ethelwold Farms.

American or Delaine Merino.

Ram, 2 years or over.

1st Prem.	.....E. M. Moore, Orchard Lake, Mich.
2nd Prem.	.....W. S. Dixon, Brandon, Wis.
3rd Prem.	.....E. M. Moore.

Ram, 1 year and under 2.

1st Prem.	.....W. S. Dixon.
2nd Prem.	.....A. E. Green, Orchard Lake, Mich.
3rd Prem.	.....E. M. Moore.

Ram, under 1 year.

1st Prem.	.....A. E. Green.
2nd Prem.	.....E. M. Moore.
3rd Prem.	.....E. M. Moore.

Ewe, 2 years or over.

1st Prem.	.....A. E. Green.
2nd Prem.	.....W. S. Dixon.
3rd Prem.	.....W. S. Dixon.

Ewe, 1 year and under 2.

1st Prem.	.....W. S. Dixon.
2nd Prem.	.....W. S. Dixon.
3rd Prem.	.....A. E. Green.

Ewe, under 1 year.

1st Prem.	.....A. E. Green.
2nd Prem.	.....E. M. Moore.
3rd Prem.	.....A. E. Green.

Flock.

1st Prem.	.....A. E. Green.
2nd Prem.	.....E. M. Moore.

Pen of four lambs.

1st Prem.	.....A. E. Green.
2nd Prem.	.....E. M. Moore.
Champion ram any age	.....W. S. Dixon.
Champion ewe any age	.....A. E. Green.

Rambouillet.

Ram, 2 years or over.

1st Prem.	W. S. Dixon.
2nd Prem.	E. M. Moore.
3rd Prem.	W. S. Dixon.

Ram, 1 year and under 2.

1st Prem.	W. S. Dixon.
2nd Prem.	F. W. Harding.
3rd Prem.	F. W. Harding.

Ram, under 1 year.

1st Prem.	W. S. Dixon.
2nd Prem.	W. S. Dixon.
3rd Prem.	F. W. Harding.

Ewe, 2 years or over.

1st Prem.	E. M. Moore.
2nd Prem.	E. M. Moore.
3rd Prem.	W. S. Dixon.

Ewe, 1 year and under 2.

1st Prem.	W. S. Dixon.
2nd Prem.	E. M. Moore.
3rd Prem.	F. W. Harding.

Ewe, under 1 year.

1st Prem.	E. M. Moore.
2nd Prem.	W. S. Dixon.
3rd Prem.	F. W. Harding.

Flock.

1st Prem.	W. S. Dixon.
2nd Prem.	E. M. Moore.

Pen of four lambs.

1st Prem.	E. M. Moore.
Champion ram any age.	W. S. Dixon.
Champion ewe any age.	E. M. Moore.

Farmers' Class.

Three fat lambs.

1st Prem.	W. H. Edwards, Pewaukee, Wis.
2nd Prem.	W. H. Edwards.

Three grade ewes, 1 year old.

1st Prem.	W. H. Edwards.
2nd Prem.	W. H. Edwards.

Three grade ewes, 2 years or over.

1st Prem.	W. H. Edwards.
2nd Prem.	W. H. Edwards.

Angora Goats.

Buck, 2 years or over.

1st Prem.	J. McD. Randles, Waukesha, Wis.
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Buck, 1 year and under 2.

1st Prem.	J. McD. Randles.
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Buck kid.

1st Prem.	J. McD. Randles.
2nd Prem.	J. McD. Randles.

Doe, 2 years or over.

1st Prem.	J. McD. Randles.
2nd Prem.	J. McD. Randles.

Doe, 1 year and under 2.

1st Prem.	J. McD. Randles.
2nd Prem.	J. McD. Randles.

Doe kid.

1st Prem.	J. McD. Randles.
2nd Prem.	J. McD. Randles.
2nd Prem.	W. Woodard.

Poland China.

Judge.

R. A. Jones, Mineral Point, Wis.

Boar, 2 years or over.

- 1st Prem.Geo. Martin, Darlington, Wis.
- 2nd Prem.L. P. Martiny, Chipewa Falls Wis.
- 3rd Prem.Zack Kinne, Three Oaks, Mich.

Boar, 1 year and under 2.

- 1st Prem.F. P. Bishop, Whitewater, Wis.
- 2nd Prem.W. G. Bartholf, Burlington, Wis.
- 3rd Prem.Zack Kinne.

Boar, over 6 mos. under 1 year.

- 1st Prem.J. Ray Gordon, Mineral Point, Wis.
- 2nd Prem.Zack Kinne.
- 3rd Prem.L. P. Martiny.

Boar, under 6 months.

- 1st Prem.Albert Beaumont, Belmont, Wis
- 2nd Prem.Robert Flint, Argyle, Wis.
- 3rd Prem.Robert Flint.

Sow, 2 years or over.

- 1st Prem.Zack Kinne.
- 2nd Prem.Robert Flint.
- 3rd Prem.James Hogan, Waunakee, Wis.

Sow, 1 year and under 2.

- 1st Prem.Zack Kinne.
- 2nd Prem.Geo. Martin.
- 3rd Prem.James Hogan.

Sow, over 6 mos. under 1 year.

- 1st Prem.Robert Flint.
- 2nd Prem.Geo. Martin.
- 3rd Prem.Zack Kinne.

Sow, under 6 months.

- 1st Prem.J. Ray Gordon.
- 2nd Prem.M. W. Reed, Whitewater, Wis.
- 3rd Prem.F. P. Bishop.

Produce of dam.

1st Prem.	L. P. Martiny.
2nd Prem.	Geo. Martin.
3rd Prem.	Jacob Kreuzer, Jr., Somers, Wis.

Get of sire.

1st Prem.	Zack Kinne.
2nd Prem.	L. P. Martiny.
Champion boar	F. P. Bishop.
Champion sow	Zack Kinne.

Sweepstakes.

Boar and 3 sows, over 1 year.

1st Prem.	Zack Kinne.
2nd Prem.	Geo. Martin.
3rd Prem.	L. P. Martiny.

SPECIAL PRIZES.

Boar, over 6 mos. under 1 year.

1st Prem.	J. Ray Gordon.
2nd Prem.	L. P. Martiny.
3rd Prem.	W. G. Bartholf.
4th Prem.	James Hogan.
5th Prem.	James Hogan.

Boar, under 6 months.

1st Prem.	L. P. Martiny.
2nd Prem.	M. W. Reed.
3rd Prem.	F. P. Bishop.
4th Prem.	W. G. Bartholf.
5th Prem.	Geo. Martin.

Sow, over 6 mos. under 1 year.

1st Prem.	James Hogan.
2nd Prem.	Geo. Martin.
3rd Prem.	Jacob Kreuzer, Jr.
4th Prem.	F. P. Bishop.
5th Prem.	L. P. Martiny.

Sow, under 6 months.

1st Prem.	J. Ray Gordon.
2nd Prem.	M. W. Reed.
3rd Prem.	L. P. Martiny.
4th Prem.	Geo. Martin.
5th Prem.	Jacob Kreuzscher, Jr.

Three sows, over 1 year.

1st Prem.	James Hogan.
2nd Prem.	L. P. Martiny.

Berkshire.

Boar, 2 years or over.

1st Prem.	W. D. Becker, Fort Atkinson Wis.
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Boar, 1 year and under 12.

1st Prem.	C. D. Johnson, Nashua, Ia.
2nd Prem.	Etzler & Moses, Decatur, Ind.
3rd Prem.	Geo. E. Kelly, Mineral Point, Wis.

Boar, over 6 mos. under 1 year.

1st Prem.	Etzler & Moses.
2nd Prem.	C. D. Johnson.
3rd Prem.	John F. Weaver, Pewaukee, Wis.

Boar, under 6 months.

1st Prem.	Etzler & Moses.
2nd Prem.	John F. Weaver.
3rd Prem.	Alex. A. Arnold & Son, Galesville, Wis.

Sow, 2 years or over.

2nd Prem.	C. D. Johnson.
2nd Prem.	Etzler & Moses.
3rd Prem.	John F. Weaver.

Sow, 1 year and under 2.

1st Prem.	Etzler & Moses.
2nd Prem.	C. D. Johnson.
3rd Prem.	Geo. E. Kelly.

Sow, under 6 months.

1st Prem.	Etzler & Moses.
2nd Prem.	Alex. A. Arnold & Son.
3rd Prem.	H. P. West, Ripon, Wis.

Produce of dam.

1st Prem.	L. P. Martiny.
2nd Prem.	John F. Weaver.
3rd Prem.	Geo. E. Kelly.

Get of sire.

1st Prem.	Etzler & Moses.
2nd Prem.	C. D. Johnson.
Champion boar	C. D. Johnson.
Champion sow	C. D. Johnson.

Sweepstakes.

Boar and 3 sows, over 1 year.

1st Prem.	C. D. Johnson.
2nd Prem.	Etzler & Moses.
3rd Prem.	Geo. E. Kelly.

Chester-White.

Boar, 2 years or over.

1st Prem.	Humbert & White, Nashua, Ia.
2nd Prem.	Humbert & White.
3rd Prem.	W. J. Martin, Darlington, Wis.

Boar, 1 year and under 2.

1st Prem.	Wm. W. Vaughn & Sons, Lyons Wis.
2nd Prem.	Humbert & White.
3rd Prem.	Humbert & White.

Boar, over 6 mos. under 1 year.

1st Prem.	Humbert & White.
2nd Prem.	Humbert & White.
3rd Prem.	William J. Kelly, Edmund, Wis.

Boar, under 6 months.

1st Prem.	Humbert & White.
2nd Prem.	Wm. W. Vaughn & Sons.
3rd Prem.	Wm. W. Vaughn & Sons.

Sow, 2 years or over.

1st Prem.	Humbert & White.
2nd Prem.	Humbert & White.
3rd Prem.	Wm. W. Vaughn & Sons.

Sow, 1 year and under 2.

1st Prem.	Humbert & White.
3rd Prem.	Humbert & White.
3rd Prem.	Wm. W. Vaughn & Sons.

Sow, over 6 mos. under 1 year.

1st Prem.	Humbert & White.
2nd Prem.	Humbert & White.
3rd Prem.	Humbert & White.

Sow, under 6 months.

1st Prem.	H. J. Nbolet Elkhorn, Wis.
2nd Prem.	William J. Kelly.
3rd Prem.	Humbert & White.

Produce of dam.

1st Prem.	H. J. Noblet.
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Get of sire.

1st Prem.	Humbert & White.
2nd Prem.	Wm. W. Vaughn & Sons.
Champion boar	Humbert & White.
Champion sow	Humbert & White.

Sweepstakes.

Boar and 3 sows, over 1 year.

1st Prem.	Humbert & White.
2nd Prem.	Wm. W. Vaughn & Sons.
3rd Prem.	Humbert & White.

SPECIAL PRIZES.

Boar, under 6 months.....	Humbert & White.
Sow, under 6 months.....	William J. Kelly.
Five pigs, under 6 months.....	Wm. W. Vaughn & Sons.
Pair of pigs; under 1 year.....	Humbert & White.
Boar and 3 sows, any age.....	Humbert & White.

Large Yorkshire.

Boar, 2 years or over.

1st Prem.D. F. Conway, Elroy, Wis.

Boar, 1 year and under 2.

1st Prem.D. F. Conway.

Boar, under 6 months.

1st Prem.D. F. Conway.

2nd Prem.D. F. Conway.

3rd Prem.D. F. Conway.

Sow, 2 years or over.

1st Prem.D. F. Conway.

Sow, 1 year and under 2.

1st Prem.D. F. Conway.

Sow, under 6 months.

1st Prem.D. F. Conway.

2nd Prem.D. F. Conway.

3rd Prem.D. F. Conway.

Champion boarD. F. Conway.

Champion sowD. F. Conway.

Duroc-Jersey.

Boar, 2 years or over.

1st Prem.W. H. Reed & Wright Co., Whitewater, Wis.

2nd Prem.Eli Crall & Son, Evansville, Wis.

3rd Prem.F. H. Patten, Lyons, Wis.

Boar, 1 year and under 2.

1st Prem.	.....	W. H. Reed & Wright Co.
2nd Prem.	.....	Eli Crall & Son.
3rd Prem.	.....	W. H. Reed & Wright Co.

Boar, over 6 mos. under 1 year.

1st Prem.	.....	W. H. Reed & Wright Co.
2nd Prem.	.....	W. G. Bartholf.
3rd Prem.	.....	Geo. Martin.

Boar, under 6 months.

1st Prem.	.....	W. H. Reed & Wright Co.
2nd Prem.	.....	Eli Crall & Son.
3rd Prem.	.....	F. H. Patten.

Sow, 2 years or over.

1st Prem.	.....	W. H. Reed & Wright Co.
2nd Prem.	.....	Eli Crall & Son.
3rd Prem.	.....	W. H. Reed & Wright Co.

Sow, 1 year and under 2.

1st Prem.	.....	W. H. Reed & Wright Co.
2nd Prem.	.....	Wm. W. Vaughn & Sons.
3rd Prem.	.....	Eli Crall & Son.

Sow, over 6 mos. under 1 year.

1st Prem.	.....	Eli Crall & Son.
2nd Prem.	.....	Eli Crall & Son.
3rd Prem.	.....	Geo. Martin.

Sow, under 6 months.

1st Prem.	.....	Wm. W. Vaughn & Sons.
2nd Prem.	.....	W. H. Reed & Wright Co.
3rd Prem.	.....	Eli Crall & Son.

Produce of dam.

1st Prem.	.....	W. H. Reed & Wright Co.
2nd Prem.	.....	F. H. Patten.
3rd Prem.	.....	Wm. W. Vaughn & Sons.

Get of sire.

1st Prem.	W. H. Reed & Wright Co.
2nd Prem.	F. H. Patten.
Champion boar	W. H. Reed & Wright Co.
Champion sow	W. H. Reed & Wright Co.

Sweepstakes.

Boar and 3 sows, over 1 year.

1st Prem.	W. H. Reed & Wright Co.
2nd Prem.	W. H. Reed & Wright Co.
3rd Prem.	F. H. Patten.

 Tamworth.

Boar, 2 years or over.

1st Prem.	A. N. Kelly, Mineral Point, Wis.
2nd Prem.	Eli Crall & Son.

Boar, 1 year and under 2.

1st Prem.	A. N. Kelly.
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Boar, over 6 mos. under 1 year.

1st Prem.	A. N. Kelly.
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Boar, under 6 months.

1st Prem.	A. N. Kelly.
2nd Prem.	A. N. Kelly.
3rd Prem.	A. N. Kelly.

Sow, 2 years or over.

1st Prem.	A. N. Kelly.
2nd Prem.	A. N. Kelly.
3rd Prem.	A. N. Kelly.

Sow, 1 year and under 2.

1st Prem.	A. N. Kelly.
2nd Prem.	A. N. Kelly.

Sow, over 6 mos. under 1 year.

- 1st Prem.A. N. Kelly.
- 2nd Prem.A. N. Kelly.

Sow, under 6 months.

- 1st Prem.A. N. Kelly.
- 2nd Prem.A. N. Kelly.
- 3rd Prem.A. N. Kelly.

Produce of dam.

- 1st Prem.A. N. Kelly.
- 2nd Prem.A. N. Kelly.

Get of sire.

- 1st Prem.A. N. Kelly.
- 2nd Prem.A. N. Kelly.
- Champion boarA. N. Kelly.
- Champion sowA. N. Kelly.

Sweepstakes.

Boar, and 3 sows, under 1 year.

- 1st Prem.A. N. Kelly.
- 2nd Prem.A. N. Kelly.

All Other Distinct Breeds.

Boar, 2 years or over.

- 1st Prem.Geo. Ineichen & Sons, Bryant, Ind.
- 2nd Prem.Chas. T. Hill, Brookfield, Wis.
- 3rd Prem.H. P. West, Ripon, Wis.

Boar, 1 year and under 2.

- 1st Prem.H. P. West.
- 2nd Prem.H. P. West.
- 3rd Prem.Geo. Ineichen & Sons.

Boar, over 6 mos. under 1 year.

- 1st Prem.H. P. West.
- 2nd Prem.H. P. West.
- 3rd Prem.Chas. T. Hill.

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Boar, under 6 months.

1st Prem.	H. P. West.
2nd Prem.	H. P. West.
3rd Prem.	Geo. Ineichen & Sons.

Sow, 2 years or over.

1st Prem.	Geo. Ineichen & Sons.
2nd Prem.	Geo. Ineichen & Sons.
3rd Prem.	H. P. West.

Sow, 1 year and under 2.

1st Prem.	H. P. West.
2nd Prem.	Chas. T. Hill.
3rd Prem.	Geo. Ineichen & Sons.

Sow, over 6 mos. and under 1 year.

1st Prem.	H. P. West.
2nd Prem.	Chas. T. Hill.
3rd Prem.	Geo. Ineichen & Sons.

Sow, under 6 mos.

1st Prem.	Geo. Ineichen & Sons.
2nd Prem.	Geo. Ineichen & Sons.
3rd Prem.	H. P. West.

Produce of dam.

1st Prem.	H. P. West.
2nd Prem.	Chas. T. Hill.
3rd Prem.	Geo. Ineichen & Sons.

Get of sire.

1st Prem.	H. P. West.
2nd Prem.	Geo. Ineichen & Sons.
Champion boar.	H. P. West.
Champion Sow.	Geo. Ineichen & Sons.

Sweepstakes.

Boar and 3 sows, over 1 year.

1st Prem.	H. P. West.
2nd Prem.	Geo. Ineichen & Sons.
3rd Prem.	Chas. T. Hill.

Wisconsin Sweepstakes.

Best exhibit of 5 animals bred by one exhibitor.

- 1st Prem.....L. P. Martiny.
- 2nd Prem.....Geo. Martin.
- 3rd Prem.....W. H. Reed & Wright Co.
- 4th Prem.....Eli Crall & Son.

Wisconsin Swine Breeders' Association Special.

- Fo and China.....Geo. Martin.
- Berkshire.....H. P. West.
- Chester White.....Wm. W. Vaughn & Sons.
- Duroc Jersey.....W. H. Reed & Wright Co.
- Tamworth.....A. N. Kelly.
- All Other Distinct Breeds.....H. P. West.

POULTRY AND PIGEONS.

POULTRY DIVISION.

Judge.

S. Butterfield, Windsor, Ont.

Barred Plymouth Rock.

Cock.

- 1st Prem.....E. G. Roberts, Fort Atkinson, Wis.
- 2nd Prem.....Hoyt & Deaner, Whitewater, Wis.
- 3rd Prem.....E. G. Roberts.

Cockerel.

- 1st Prem.....Mrs. W. F. Grimshaw, Wauwatosa, Wis.
- 2nd Prem.....Hoyt & Deaner.
- 3rd Prem.....E. G. Roberts.

Hen.

1st Prem.	.....	Hoyt & Deaner.
2nd Prem.	.....	E. G. Roberts.
3rd Prem.	.....	E. G. Roberts.

Pullet.

1st Prem.	.....	Boots & Stier, Sussex, Wis.
2nd Prem.	.....	Hoyt & Deaner.
3rd Prem.	.....	E. G. Roberts.

White Plymouth Rock.

Cock.

1st Prem.	.....	Arthur Ott, West Allis, Wis.
2nd Prem.	.....	Arthur Kittinger, Caledonia, Wis.
3rd Prem.	.....	Arthur Kittinger.

Cockerel.

1st Prem.	.....	J. R. Love, Waukesha, Wis.
2nd Prem.	.....	Arthur Kittinger.
3rd Prem.	.....	Arthur Kittinger.

Hen.

1st Prem.	.....	J. R. Love.
2nd Prem.	.....	R. P. Momsen, Milwaukee, Wis.
3rd Prem.	.....	R. P. Momsen.

Pullet.

1st Prem.	.....	Pasbrig Bros., Wauwatosa, Wis.
2nd Prem.	.....	J. R. Love.
3rd Prem.	.....	H. Wolff, Milwaukee, Wis.

Buff Plymouth Rock.

Cock.

1st Prem.	.....	E. G. Roberts.
2nd Prem.	.....	F. W. Niesman, Freeport, Ill.
3rd Prem.	.....	Arthur Kittinger.

Cockerel.

1st Prem.	.....	Hoyt & Deaner.
2nd Prem.	.....	J. R. Love.
3rd Prem.	.....	Arthur Kittinger.

Hen.

- 1st Prem.J. R. Love.
 2nd Prem. Arthur Kittinger.
 3rd Prem.F. W. Niesman.

Pullet.

- 1st Prem.Arthur Kittinger.
 2nd Prem.J. R. Love.
 3rd Prem.Arthur Kittinger.

Golden Wyandotte.

Cock.

- 1st Prem.John C. Schulz, Milwaukee, Wis.
 2nd Prem.F. W. Niesman.
 3rd Prem.Idle Hour Poultry Yards, Milwaukee, Wis.

Cockerel.

- 1st Prem.Hoyt & Deaner.
 2nd Prem.Hoyt & Deaner.
 3rd Prem.E. G. Roberts.

Hen.

- 1st Prem.John C. Schulz.
 2nd Prem.S. S. Rich, Horicon, Wis.
 3rd Prem.F. W. Niesman.

Pullet.

- 1st Prem.Hoyt & Deaner.
 2nd Prem.Hoyt & Deaner.
 3rd Prem.F. W. Niesman

Silver Wyandotte.

Cock.

- 1st Prem.Hoyt & Deaner.
 2nd Prem.Mrs. J. E. Mielke, Basco, Wis.
 3rd Prem.F. W. Niesman.

Cockerel.

- 1st Prem.Pasbrig Bros.
 2nd Prem.F. W. Niesman.
 3rd Prem.E. G. Roberts.

Hen.

1st Prem.	F. W. Niesman.
2nd Prem.	Pasbrig Bros.
3rd Prem.	E. G. Roberts.

Pullet.

1st Prem.	F. W. Niesman.
2nd Prem.	E. G. Roberts.
3rd Prem.	Mrs. J. E. Mielke.

Buff Wyandotte.**Cock.**

1st Prem.	Geo. W. Tulenz, Milwaukee, Wis.
2nd Prem.	E. G. Roberts.
3rd Prem.	John E. Hartley, Milwaukee, Wis.

Cockerel.

1st Prem.	Pasbrig Bros.
2nd Prem.	F. W. Niesman.
3rd Prem.	John E. Hartley.

Hen.

1st Prem.	John E. Hartley.
2nd Prem.	J. R. Love.
3rd Prem.	Geo. W. Tulenz.

Pullet.

1st Prem.	John E. Hartley.
2nd Prem.	Pasbrig Bros.
3rd Prem.	F. W. Niesman.

White Wyandotte.**Cock.**

1st Prem.	E. G. Roberts.
2nd Prem.	Frank B. Fargo, Lake Mills, Wis.
3rd Prem.	F. W. Niesman.

Cockerel.

1st Prem.	Edgewood Farms, Pewaukee, Wis.
2nd Prem.	E. G. Roberts.
3rd Prem.	Edgewood Farms.

Hen.

- 1st Prem.E. G. Roberts.
- 2nd Prem.Frank B. Fargo.
- 3rd Prem.Frank B. Fargo

Pullet.

- 1st Prem.Edgewood Farms.
- 2nd Prem.E. G. Roberts.
- 3rd Prem.Edgewood Farms.

Black Wyandotte.

Cock.

- 1st Prem.E. G. Roberts.
- 3rd Prem.F. W. Niesman.

Cockerel.

- 1st Prem.Pasbrig Bros
- 2nd Prem.E. G. Roberts.

Hen.

- 1st Prem.E. G. Roberts.
- 2nd Prem.Hoyt & Deaner.

Pullet.

- 1st Prem.E. G. Roberts.
- 2nd Prem.F. W. Niesman.

Partridge Wyandottes.

Cock.

- 1st Prem.E. G. Roberts.
- 2nd Prem.Pasbrig Bros.

Hen.

- 1st Prem.Frank R. Austerman, Waukesha, Wis.
- 2nd Prem.F. W. Niesman.

Cockerel.

- 1st Prem.Frank R. Austerman.
- 2nd Prem.Frank R. Austerman.

ANNUAL REPORT OF THE

Pullet.

1st Prem.	Frank R. Austerman.
2nd Prem.	Frank R. Austerman.

Mottled or Black Java.

Cock.

1st Prem.	E. G. Roberts.
2nd Prem.	Pasbrig Bros.

Cockerel.

1st Prem.	E. G. Roberts.
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Hen.

1st Prem.	Hoyt & Deaner.
2nd Prem.	E. G. Roberts.

Pullet.

1st Prem.	E. G. Roberts.
2nd Prem.	Pasbrig Bros.

Colored or Silver Gray Dorking.

Cock.

1st Prem.	Hoyt & Deaner.
2nd Prem.	E. G. Roberts.

Cockerel.

1st Prem.	F. W. Niesman.
2nd Prem.	E. G. Roberts.

Hen.

1st Prem.	E. G. Roberts.
2nd Prem.	F. W. Niesman.

Pullet.

1st Prem.	F. W. Niesman.
2nd Prem.	E. G. Roberts.

Buff Orpington.

Cock.

1st Prem. F. W. Niesman.
 2nd Prem. F. W. Niesman.

Hen.

1st Prem. Hoyt & Deaner.
 2nd Prem. F. W. Niesman

Cockerel.

1st Prem. No Award.
 2nd Prem. F. W. Niesman.

Pullet.

1st Prem. F. W. Niesman.

White or Black Langshan.

Cock.

1st Prem. Hoyt & Deaner.
 2nd Prem. E. G. Roberts.
 3rd Prem. Geo. Cooke, Racine, Wis.

Cockerel.

1st Prem. Geo. Cooke.
 2nd Prem. Geo. Cooke.
 3rd Prem. Frank R. Austerman.

Hen.

1st Prem. Geo. Cooke.
 2nd Prem. F. W. Niesman.
 3rd Prem. J. L. Nowak, Milwaukee, Wis.

Pullet.

1st Prem. Frank R. Austerman.
 2nd Prem. Geo. Cooke.
 3rd Prem. Frank R. Austerman.

Dark Brahma.**Cock.**

1st Prem.	.....	E. G. Roberts.
2nd Prem.	.....	J. Conrad, West Allis, Wis.
3rd Prem.	.....	F. W. Niesman.

Cockerel.

1st Prem.	.....	J. R. Love.
2nd Prem.	.....	J. Conrad.
3rd Prem.	.....	J. Conrad.

Hen.

1st Prem.	.....	J. R. Love.
2nd Prem.	.....	J. R. Love.
3rd Prem.	.....	J. Conrad.

Pullet.

1st Prem.	.....	J. Conrad.
2nd Prem.	.....	J. R. Love.
3rd Prem.	.....	J. Conrad.

Light Brahma.**Cock.**

1st Prem.	.....	J. L. Nowak, Milwaukee, Wis.
2nd Prem.	.....	J. R. Love.
3rd Prem.	.....	E. G. Roberts.

Cockerel.

1st Prem.	.....	J. R. Love.
2nd Prem.	.....	J. R. Love.
3rd Prem.	.....	J. R. Love.

Hen.

1st Prem.	.....	J. L. Nowak.
2nd Prem.	.....	J. R. Love.
3rd Prem.	.....	David Jenner, Waukesha, Wis.

Pullet.

1st Prem.	.....	J. R. Love.
2nd Prem.	.....	J. R. Love.
3rd Prem.	.....	J. R. Love.

Buff Cochin.

Cock.

- 1st Prem.Geo. W. Tulenz
- 2nd Prem.....E. G. Roberts.
- 3rd Prem.....Geo. W. Tulenz.

Cockerel.

- 1st Prem.No Award.
- 2nd Prem.....E. G. Roberts.
- 3rd Prem.F. W. Niesman.

Hen.

- 1st Prem.Geo. W. Tulenz.
- 2nd Prem.F. W. Niesman.
- 3rd Prem.E. G. Roberts.

Pullet.

- 1st Prem.E. G. Roberts.
- 2nd Prem.....E. G. Roberts.
- 3rd Prem.....Geo. W. Tulenz.

Partridge Cochin.

Cock.

- 1st Prem.E. G. Roberts.
- 2nd Prem.....F. W. Niesman.
- 3rd Prem.....J. Conrad.

Cockerel.

- 1st Prem.J. Conrad.
- 2nd Prem.....J. Conrad.
- 3rd Prem.....F. W. Niesman.

Hen.

- 1st Prem.Hoyt & Deaner.
- 2nd Prem.....J. Conrad.
- 3rd Prem.....F. W. Niesman.

Pullet.

- 1st Prem.F. W. Niesman.
- 2nd Prem.....J. Conrad.
- 3rd Prem.....Hoyt & Deaner.

ANNUAL REPORT OF THE

White Cochin.

Cock.

1st Prem.	Geo. W. Tulenz.
2nd Prem.	F. W. Niesman.

Cockèrel.

1st Prem.	F. W. Niesman.
2nd Prem.	E. G. Roberts.

Hen.

1st Prem.	Geo. W. Tulenz.
2nd Prem.	E. G. Roberts.

Pullet.

1st Prem.	Geo. W. Tulenz.
2nd Prem.	Geo. W. Tulenz.

Black Cochin.

Cock.

1st Prem.	F. W. Niesman.
2nd Prem.	F. W. Niesman.

Cockèrel.

1st Prem.	F. W. Niesman.
2nd Prem.	E. G. Roberts.

Hen.

1st Prem.	E. G. Roberts.
2nd Prem.	Hoyt & Deaner.

Pullet.

1st Prem.	J. Conrad.
2nd Prem.	J. Conrad.

Blue Andalusian

Cock.

- 1st Prem. F. W. Niesman.
2nd Prem. E. G. Roberts.

Cockerel.

- 1st Prem. F. W. Niesman.

Hen.

- 1st Prem. Hoyt & Deaner.
2nd Prem. E. G. Roberts.

Pullet.

- 1st Prem. F. W. Niesman.
2nd Prem. E. G. Roberts.

Rhode Island Reds.

Cock.

- 1st Prem. E. G. Roberts.
2nd Prem. S. S. Rich.

Cockerel.

- 1st Prem. E. G. Roberts.
2nd Prem. Clara D. Martin & Son, Wauwatosa, Wis.

Hen.

- 1st Prem. E. G. Roberts.
2nd Prem. E. G. Roberts.

Pullet.

- 1st Prem. Clara D. Martin & Son.
2nd Prem. Clara D. Martin & Son.

Single Comb Brown Leghorn**Cock.**

1st Prem.	E. G. Roberts.
2nd Prem.	F. W. Niesman.
3rd Prem.	F. W. Niesman.

Cockerel.

1st Prem.	F. W. Niesman.
2nd Prem.	J. R. Love.
3rd Prem.	Mrs. J. E. Mielke.

Hen.

1st Prem.	F. W. Niesman.
2nd Prem.	F. W. Niesman.
3rd Prem.	E. G. Roberts.

Pullet.

1st Prem.	Mrs. J. E. Mielke.
2nd Prem.	Mrs. J. E. Mielke.
3rd Prem.	Mrs. J. E. Mielke.

Rose Comb Brown Leghorn.**Cock.**

1st Prem.	E. G. Roberts.
2nd Prem.	John C. Schulz.
3rd Prem.	F. W. Niesman.

Cockerel.

1st Prem.	E. G. Roberts.
2nd Prem.	F. W. Niesman.
3rd Prem.	John C. Schulz.

Hen.

1st Prem.	E. G. Roberts.
2nd Prem.	John C. Schulz.
3rd Prem.	Hoyt & Deaner.

Pullet.

1st Prem.	E. G. Roberts.
2nd Prem.	Hoyt & Deaner.
3rd Prem.	John C. Schulz.

Single Comb White Leghorn.

Cock.

- 1st Prem. Hoyt & Deaner.
- 2nd Prem. Geo. Cooke, Racine, Wis.
- 3rd Prem. Albert R. Zier, Watertown, Wis.

Cockerel.

- 1st Prem. E. G. Roberts.
- 2nd Prem. Geo. W. Tulenz.
- 3rd Prem. Geo. W. Tulenz.

Hen.

- 1st Prem. Geo. Cooke.
- 2nd Prem. Henry Daniels, Milwaukee, Wis.
- 3rd Prem. Geo. Cooke.

Pullet.

- 1st Prem. Henry Daniels.
- 2nd Prem. E. G. Roberts
- 3rd Prem. E. G. Roberts.

Rose Comb White Leghorn.

Cock.

- 1st Prem. E. G. Roberts.
- 2nd Prem. Hoyt & Deaner.
- 3rd Prem. E. G. Roberts.

Cockerel.

- 1st Prem. E. G. Roberts.
- 2nd Prem. F. W. Niesman.
- 3rd Prem. Boots & Stier.

Hen.

- 1st Prem. Boots & Stier.
- 2nd Prem. F. W. Niesman.
- 3rd Prem. Hoyt & Deaner.

Pullet.

- 1st Prem. F. W. Niesman.
- 2nd Prem. E. G. Roberts.
- 3rd Prem. Hoyt & Deaner.

Black Leghorn.**Cock.**

1st Prem.	E. G. Roberts.
2nd Prem.	F. W. Niesman.

Cockerel.

1st Prem.	E. G. Roberts.
2nd Prem.	A. O. Heilman, Norwalk, Wis.
3rd Prem.	A. O. Heilman.

Hen.

1st Prem.	E. G. Roberts.
2nd Prem.	F. W. Niesman.
3rd Prem.	Hoyt & Deaner.

Pullet.

1st Prem.	A. O. Heilman.
2nd Prem.	A. O. Heilman.
3rd Prem.	E. G. Roberts.

Buff Leghorn.**Cock.**

1st Prem.	F. W. Niesman.
2nd Prem.	Albert R. Zier.
3rd Prem.	E. G. Roberts.

Cockerel.

1st Prem.	E. G. Roberts
2nd Prem.	Albert R. Zier.
3rd Prem.	Hoyt & Deaner.

Hen.

1st Prem.	E. G. Roberts.
2nd Prem.	Albert R. Zier.
3rd Prem.	Albert R. Zier.

Pullet.

1st Prem.	Albert R. Zier.
2nd Prem.	E. G. Roberts.
3rd Prem.	Albert R. Zier.

Black Minorca.

Cock.

1st Prem.H. T. Seeman, Wauwatosa, Wis.
2nd Prem.H. T. Seeman.

Cockerel.

1st Prem.Pasbrig Bros.
2nd Prem.E. G. Roberts.

Hen.

1st Prem.H. T. Seeman.
2nd Prem.H. T. Seeman.

Pullet.

1st Prem.E. G. Roberts.
2nd Prem.H. T. Seeman.

Single Comb White Minorca.

Cock.

1st Prem.F. W. Niesman.
2nd Prem.Frank R. Austerman.

Cockerel.

1st Prem.F. W. Niesman.
2nd Prem.F. W. Niesman.

Hen.

1st Prem.E. G. Roberts.
2nd Prem.F. W. Niesman.

Pullet.

1st Prem.F. W. Niesman.
2nd Prem.E. G. Roberts.

White Faced Black Spanish.**Cock.**

1st Prem.	F. W. Niesman.
2nd Prem.	Hoyt & Deaner.

Cockerel.

1st Prem.	Hoyt & Deaner.
2nd Prem.	E. G. Roberts.

Hen.

1st Prem.	F. W. Niesman.
2nd Prem.	Hoyt & Deaner.

Pullet.

1st Prem.	Hoyt & Deaner.
2nd Prem.	Hoyt & Deaner.

Houdan.**Cock.**

1st Prem.	Hoyt & Deaner.
2nd Prem.	Hoyt & Deaner.

Cockerel.

1st Prem.	S. S. Rich.
2nd Prem.	S. S. Rich.

Hen.

1st Prem.	W. Niesman.
2nd Prem.	Hoyt & Deaner.

Pullet.

1st Prem.	S. S. Rich.
2nd Prem.	E. G. Roberts.

White Polish.

Cock.

1st Prem. E. G. Roberts.
2nd Prem. Hoyt & Deaner.

Cockerel.

1st Prem. E. G. Roberts.
2nd Prem. E. G. Roberts.

Hen.

1st Prem. E. G. Roberts.
2nd Prem. E. G. Roberts.

Pullet.

1st Prem. E. G. Roberts.
2nd Prem. E. G. Roberts.

White Crested Black Polish.

Cock.

1st Prem. Hoyt & Deaner.
2nd Prem. F. W. Niesmaa.

Cockerel.

1st Prem. F. W. Niesman.
2nd Prem. E. G. Roberts.

Hen.

1st Prem. F. W. Niesman.
2nd Prem. Hoyt & Deaner.

Pullet.

1st Prem. E. G. Roberts.
2nd Prem. F. W. Niesman.

Silver Polish.**Cock.**

1st Prem. Hoyt & Deaner.
 2nd Prem. Hoyt & Deaner.

Cockerel.

1st Prem. E. G. Roberts.
 2nd Prem. F. W. Niesman.

Hen.

1st Prem. F. W. Niesman.
 2nd Prem. Hoyt & Deaner.

Pullet.

1st Prem. E. G. Roberts.
 2nd Prem. E. G. Roberts.

Golden Polish.**Cock.**

1st Prem. E. G. Roberts.
 2nd Prem. Hoyt & Deaner.

Cockerel.

1st Prem. E. G. Roberts.
 2nd Prem. E. G. Roberts.

Hen.

1st Prem. E. G. Roberts.
 2nd Prem. E. G. Roberts.

Pullet.

1st Prem. E. G. Roberts.
 2nd Prem. E. G. Roberts.

Black Hamburg.

Cock.

1st Prem. F. W. Niesman.
2nd Prem. E. G. Roberts.

Cockerel.

1st Prem. E. G. Roberts.
2nd Prem. F. W. Niesman.

Hen.

1st Prem. E. G. Roberts.
2nd Prem. Hoyt & Deaner.

Pullet.

1st Prem. E. G. Roberts.
2nd Prem. F. W. Niesman.

Silver Spangled Hamburg.

Cock.

1st Prem. E. G. Roberts.
2nd Prem. S. S. Rich.

Cockerel.

1st Prem. F. W. Niesman.
2nd Prem. S. S. Rich.

Hen.

1st Prem. F. W. Niesman.
2nd Prem. S. S. Rich.

Pullet.

1st Prem. F. W. Niesman.
2nd Prem. S. S. Rich.

Silver Pencilled Hamburg.**Cock.**

1st Prem.E. G. Roberts.
 2nd Prem.Hoyt & Deaner.

Cockerel.

1st Prem.E. G. Roberts.

Hen.

1st Prem.E. G. Roberts.
 2nd Prem.Hoyt & Deaner.

Golden Spangled Hamburg**Cock.**

1st Prem.Hoyt & Deaner.
 2nd Prem.Hoyt & Deaner.

Cockerel.

1st Prem.F. W. Niesman.

Hen.

2nd Prem.Hoyt & Deaner.
 2nd Prem.E. G. Roberts.

Pullet.

1st Prem.E. G. Roberts.
 2nd Prem.F. W. Niesman.

Golden Pencilled Hamburg

Cock.

1st Prem. E. G. Roberts.
2nd Prem. Hoyt & Deaner.

Cockerel.

1st Prem. Hoyt & Deaner.
2nd Prem. E. G. Roberts.

Hen.

1st Prem. E. G. Roberts.
2nd Prem. Hoyt & Deaner.

Pullet.

1st Prem. E. G. Roberts.
2nd Prem. E. G. Roberts.

Brown Red Game

Cock.

1st Prem. Hoyt & Deaner.

Hen.

1st Prem. Hoyt & Deaner.

Cornish Indian Game.

Cock.

1st Prem. A. M. Schulz, Milwaukee, Wis.
2nd Prem. Dartmoor Yards, Oconomowoc, Wis.

Cockerel.

1st Prem. S. S. Rich.
2nd Prem. S. S. Rich.

Hen.

1st Prem.	.....	A. M. Schulz.
2nd Prem.	.....	Dartmoor Yards.

Pullet.

1st Prem.	.....	Dartmoor Yards.
2nd Prem.	.....	Dartmoor Yards.

Red Pyle Game.

Cock.

1st Prem.	F. W. Niesman.
2nd Prem.	Hoyt & Deaner.

Cockerel.

1st Prem.	Hoyt & Deaner.
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Hen.

1st Prem.	F. W. Niesman.
2nd Prem.	Hoyt & Deaner.

Pullet.

1st Prem.	Hoyt & Deaner.
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Black Breasted Game.

Cock.

1st Prem.	Hoyt & Deaner.
2nd Prem.	F. W. Niesman.

Cockerel.

1st Prem.	.....	F. W. Niesman.
2nd Prem.	.....	Hoyt & Deaner.

Hen.

1st Prem.	.....	Hoyt & Deaner.
2nd Prem.	.....	F. W. Niesman.

Pullet.

- 1st Prem. F. W. Niesman.
2nd Prem. Hoyt & Deaner.
-

White Indian Game.

Cock.

- 1st Prem. Hoyt & Deaner.
2nd Prem. F. W. Niesman.

Hen.

- 1st Prem. Hoyt & Deaner.
2nd Prem. F. W. Niesman.

Pullet.

- 1st Prem. No Award.
2nd Prem. Hoyt & Deaner.
-

Golden Duckwing Game.

Cockerel.

- 1st Prem. E. G. Roberts.
2nd Prem. F. W. Niesman.

Hen.

- 1st Prem. E. G. Roberts.
2nd Prem. Hoyt & Deaner.

Pullet.

- 1st Prem. E. G. Roberts.
2nd Prem. F. W. Niesman.

Silver Duckwing Game.

Cockerel.

1st Prem. No Award.
 2nd Prem. F. W. Nieman.

Hen.

1st Prem. E. G. Roberts.
 2nd Prem. Hoyt & Deaner.

Pullet.

1st Prem. F. W. Nieman.

Silver Seabright Bantam.

Cock.

1st Prem. E. G. Roberts.
 2nd Prem. Hoyt & Deaner.

Cockerel.

1st Prem. E. G. Roberts.
 2nd Prem. E. G. Roberts.

Hen.

1st Prem. Hoyt & Deaner.
 2nd Prem. E. G. Roberts.

Pullet.

1st Prem. E. G. Roberts.
 2nd Prem. E. G. Roberts.

Golden Seabright Bantam.

Cock.

1st Prem. F. W. Nieman.
 2nd Prem. E. G. Roberts.

Cockerel.

- 1st Prem. E. G. Roberts.
- 2nd Prem. John C. Schulz.

Hen.

- 1st Prem. John C. Schulz.
- 2nd Prem. John C. Schulz.

Pullet.

- 1st Prem. E. G. Roberts.
- 2nd Prem. John C. Schulz.

Silver Duckwing Bantam.

Cock.

- 1st Prem. Boots & Stier.
- 2nd Prem. Boots & Stier.

Cockerel.

- 1st Prem. Boots & Stier.
- 2nd Prem. Hoyt & Deaner.

Hen.

- 1st Prem. Boots & Stier.
- 2nd Prem. E. G. Roberts.

Pullet.

- 1st Prem. Boots & Stier.
- 2nd Prem. E. G. Roberts.

Black Breasted Red Game Bantam

Cock.

- 1st Prem. Boots & Stier.
- 2nd Prem. F. W. Niesman.

Cockerel.

1st Prem.F. W. Nieman.
 2nd Prem.Boots & Stier.

Hen.

1st Prem.Boots & Stier.
 2nd Prem.Hoyt & Deaner.

Pullet.

1st Prem.E. G. Roberts.
 2nd Prem.F. W. Nieman.

Red Pyle Game Bantam.

Cock.

1st Prem.E. G. Roberts.
 2nd Prem.Hoyt & Deaner.

Cockerel.

1st Prem.Boots & Stier.
 2nd Prem.Boots & Stier.

Hen.

1st Prem.Pasbrig Bros.
 2nd Prem.E. G. Roberts.

Pullet.

1st Prem.Boots & Stier.
 2nd Prem.E. G. Roberts.

Brown Red Game Bantam.

Cock.

1st Prem.Hoyt & Deaner.
 2nd Prem.Boots & Stier.

Cockerel.

1st Prem.Boots & Stier.
 2nd Prem.Boots & Stier.

Hen.

1st Prem.E. G. Roberts.
2nd Prem.E. G. Roberts.

Pullet.

1st Prem.Boots & Stier.
2nd Prem.Pasbrig Bros.

Golden Duckwing Bantam.

Cock.

1st Prem.Hoyt & Deaner.
2nd Prem.Boots & Stier.

Cockerel.

1st Prem.E. G. Roberts.
2nd Prem.Boots & Stier.

Hen.

1st Prem.Hoyt & Deaner.
2nd Prem.Boots & Stier.

Pullet.

1st Prem.E. G. Roberts.
2nd Prem.F. W. Niesman.

White Game Bantam.

Cock.

1st Prem.Hoyt & Deaner.
2nd Prem.Boots & Stier.

Cockerel.

1st Prem.Hoyt & Deaner.

ANNUAL REPORT OF THE

Hen.

1st Prem. Hoyt & Deaner.

Pullet.

1st Prem. Boots & Stier.

2nd Prem. Hoyt & Deaner.

Partridge Cochín Bantam.

Cock.

1st Prem. E. G. Roberts.

2nd Prem. E. G. Roberts.

Cockerel.

1st Prem. E. G. Roberts.

2nd Prem. E. G. Roberts.

Hen.

1st Prem. E. G. Roberts.

2nd Prem. E. G. Roberts.

Pullet.

1st Prem. E. G. Roberts.

2nd Prem. E. G. Roberts.

Buff Cochín Bantam.

Cock.

1st Prem. Boots & Stier.

2nd Prem. E. G. Roberts.

Cockerel.

1st Prem. Boots & Stier.

2nd Prem. E. G. Roberts.

Hen.

1st Prem. E. G. Roberts.

2nd Prem. E. G. Roberts.

Pullet.

1st Prem. E. G. Roberts.
 2nd Prem. F. W. Niesman.

White Cochin Bantam.

Cock.

1st Prem. Hoyt & Deaner.
 2nd Prem. Boots & Stier.

Cockerel.

1st Prem. F. W. Niesman.
 2nd Prem. E. G. Roberts.

Hen.

1st Prem. Fred Allee, Milwaukee, Wis
 2nd Prem. E. G. Roberts.

Pullet.

1st Prem. Dailey & Wells, Milwaukee, Wis
 2nd Prem. F. W. Niesman.

Black Cochin Bantam.

Cock.

1st Prem. E. G. Roberts.
 2nd Prem. E. G. Roberts.

Cockerel.

1st Prem. E. G. Roberts.
 2nd Prem. E. G. Roberts.

Hen.

1st Prem. E. G. Roberts.
 2nd Prem. F. W. Niesman.

ANNUAL REPORT OF THE

Pullet.

1st Prem.	Dailey & Wells
2nd Prem.	F. W. Niesman.

Black Rose Comb Bantam.

Cock.

1st Prem.	E. G. Roberts.
2nd Prem.	John E. Hartley.

Cockerel.

1st Prem.	E. G. Roberts.
2nd Prem.	E. G. Roberts.

Hen.

1st Prem.	J. L. Nowak.
2nd Prem.	J. J. Rodig, Milwaukee, Wis.

Pullet.

1st Prem.	E. G. Roberts.
2nd Prem.	E. G. Roberts.

White Japanese Bantam.

Cock.

1st Prem.	E. G. Roberts.
2nd Prem.	E. G. Roberts.

Cockerel.

1st Prem.	E. G. Roberts.
2nd Prem.	E. G. Roberts.

Hen.

1st Prem.	E. G. Roberts.
2nd Prem.	E. G. Roberts.

Pullet.

- 1st Prem.E. G. Roberts.
 2nd Prem.E. G. Roberts.

Black Tailed Japanese Bantam.

Cock.

- 1st Prem.Hoyt & Deaner.
 2nd Prem.Boots & Stier.

Cockerel.

- 1st Prem.Boots & Stier.
 2nd Prem.E. G. Roberts.

Hen.

- 1st Prem.Hoyt & Deaner.
 2nd Prem.Boots & Stier.

Pullet.

- 1st Prem.F. W. Niesman.
 2nd Prem.E. G. Roberts.

Light Brahma Bantam.

Cockerel.

- 1st Prem.Idle Hour Poultry Yards.
 2nd Prem.Idle Hour Poultry Yards.

Hen.

- 1st Prem.Idle Hour Poultry Yards.
 2nd Prem.Idle Hour Poultry Yards.

Pullet.

- 1st Prem.Idle Hour Poultry Yards.
 2nd Prem.Idle Hour Poultry Yards.

Dark Brahma Bantam.**Cock.**

1st Prem.E. G. Roberts.

Cockerel.

1st Prem.E. G. Roberts.

2nd Prem.E. G. Roberts.

Hen.

1st Prem.E. G. Roberts.

Pullet.

1st Prem.E. G. Roberts.

2nd Prem.E. G. Roberts.

Indian Game Bantam.**Cock.**

1st Prem.Boots & Stier.

2nd Prem.Boots & Stier.

Cockerel.

1st Prem.Boots & Stier.

Hen.

1st Prem.Boots & Stier.

2nd Prem.Boots & Stier.

Pullet.

1st Prem.Boots & Stier.

2nd Prem.Boots & Stier.

Birchen Game Bantam.**Cock.**

1st Prem.Boots & Stier.

2nd Prem.Boots & Stier.

Cockere1.

1st Prem.Boots & Stier.

2nd Prem.E. G. Roberts.

Hen.

1st Prem.Boots & Stier.

2nd Prem.Boots & Stier.

Pullet.

1st Prem.E. G. Roberts.

2nd Prem.Boots & Stier.

Sweepstakes.

American breeds.....E. G. Roberts.

Asiatic breeds.....E. G. Roberts.

Coop of 5 birds.....E. G. Roberts.

Turkeys—Old Birds.

Bronze.

1st Prem.F. W. Niesman.

Black.

1st Prem.E. G. Roberts.

Slate.

1st Prem.E. G. Roberts.

White Holland.

1st Prem.F. W. Niesman.

2nd Prem.J. R. Love.

Naragansett.

1st Prem.E. G. Roberts.

Turkeys—Young Birds.

Bronze.

1st Prem. Dawson Bros., Franksville, Wis.

Black.

1st Prem. E. G. Roberts.

White Holland.

1st Prem. J. R. Love.

2nd Prem. J. R. Love.

Naragansett.

1st Prem. E. G. Roberts.

Geese—Old Birds.

Tououse.

1st Prem. Dawson Bros.

2nd Prem. E. G. Roberts.

Embden.

1st Prem. Dawson Bros.

2nd Prem. F. W. Niesman.

African.

1st Prem. Dawson Bros.

2nd Prem. Dawson Bros.

Wild.

1st Prem. Dawson Bros.

Chinese White.

1st Prem. Dawson Bros.

2nd Prem. F. W. Niesman.

Chinese Brown.

1st Prem. Dawson Bros.

2nd Prem. Dawson Bros.

Geese—Young Birds.

Toulouse.

1st Prem.....Dawson Bros.

Embsen.

1st Prem.....Hoyt & Deaner.

2nd Prem.....Dawson Bros.

African.

1st Prem.....Dawson Bros.

2nd Prem.....Dawson Bros.

Chinese White.

1st Prem.....Dawson Bros.

2nd Prem.....Dawson Bros.

Chinese Brown.

1st Prem.....Dawson Bros.

2nd Prem.....Dawson Bros.

Buff.

1st Prem.....Dawson Bros.

Ducks—Old Birds.

Pekin.

1st Prem.....Dawson Bros.

2nd Prem.....E. G. Roberts.

Aylesbury.

1st Prem.....F. W. Niesman.

2nd Prem.....Dawson Bros.

Rouen.

1st Prem.....Dawson Bros.

2nd Prem.....E. G. Roberts.

ANNUAL REPORT OF THE

Cayuga.

1st Prem. E. G. Roberts.
 2nd Prem. Dawson Bros.

East India.

1st Prem. Pasbrig Bros.
 2nd Prem. E. G. Roberts.

Indian Runner.

1st Prem. Dawson Bros.
 2nd Prem. Frank R. Austerman.

Colored Muscovy.

1st Prem. Dawson Bros.
 2nd Prem. Dawson Bros.

White Muscovy.

1st Prem. Dawson Bros.
 2nd Prem. E. G. Roberts.

Grey Call.

1st Prem. E. G. Roberts.
 2nd Prem. Frank R. Austerman.

White Call.

1st Prem. E. G. Roberts.

White Crested.

1st Prem. E. G. Roberts.

 Ducks—Young Birds.

Pekin.

1st Prem. Dawson Bros.
 2nd Prem. Dawson Bros.

Aylesbury.

1st Prem. Dawson Bros.
 2nd Prem. Hoyt & Deaner.

Rouen.

1st Prem.....Dawson Bros
 2nd Prem.....E. G. Roberts.

Cayuga.

1st Prem.....Hoyt & Deaner.
 2nd Prem.....E. G. Roberts.

East India.

1st Prem.....E. G. Roberts.
 2nd Prem.....Dawson Bros.

Indian Runner.

1st Prem.....Frank R. Austerman.
 2nd Prem.....Dawson Bros.

Colored Muscovy.

1st Prem.....Dawson Bros.
 2nd Prem.....E. G. Roberts.

White Muscovy.

1st Prem.....E. G. Roberts.

Grey Call.

1st Prem.....E. G. Roberts.

White Crested.

1st Prem.....Hoyt & Deaner
 2nd Prem.....Dawson Bros.

Sweepstakes.

Best exhibit of water fowl.....Dawson Bros.

Miscellaneous.

Guinea Fowl.

1st Prem.....Hoyt & Deaner.
 2nd Prem.....J. R. Love.

Silkies.

1st Prem.....E. G. Roberts.
 2nd Prem.....Hoyt & Deaner.

Frizzles.

1st Prem.....No award.
 2nd Prem.....Hoyt & Deaner.

Rumpless.

1st Prem.....E. G. Roberts.
 2nd Prem.....Hoyt & Deaner.

Belgian Hares.**Best buck 1 year or over.**

1st Prem.Joseph Volz, Wauwatosa, Wis.
 2nd Prem.....Addison Love, Waukesha, Wis.

Best doe 1 year or over.

1st Prem.....Joseph Volz.
 2nd Prem.....Addison Love.

Best buck over 6 mos. under 1 year.

1st Prem.....Addison Love.
 2nd Prem.....Joseph Volz.

Best doe over 6 mos. under 1 year.

1st Prem.....Addison Love.
 2nd Prem.....Joseph Volz.

Any Other Breed of Hares.**Best buck 1 year or over.**

1st Prem.Al. Kroeger, Milwaukee, Wis
 2nd Prem.Al. Kroeger.

Best doe 1 year or over.

1st Prem.Al. Kroeger.
 2nd Prem.Al. Kroeger.

Best buck over 6 mos. under 1 year.

1st Prem.Al. Kroeger.
 2nd Prem.....Fred Vanselow, Milwaukee, Wis.

Best doe over 6 mos. under 1 year.

1st Prem.....J. J. Rodig, Milwaukee, Wis.

2nd Prem.....S. W. Hardy, Waukesha, Wis.

Best doe with litter.

1st Prem.....S. W. Hardy.

PIGEON DIVISION.

Judges.

William Plaehn, Chicago, Ill.

H. Maschmeyer, Milwaukee, Wis.

Single Birds—Old.

Carriers.

Black cock.

1st Prem.....Geo. Ewald, Cincinnati, Ohio.

2nd Prem.....Hoyt & Deaner, Whitewater, Wis.

White cock.

1st Prem.....Herman Kretschmer, Chicago, Ill.

Any other color cock.

1st Prem.....Hoyt & Deaner.

Black hen.

1st Prem.....Geo. Ewald.

2nd Prem.....Herman Kretschmer.

White hen.

1st Prem.....Herman Kretschmer.

Any other color hen.

1st Prem.....Hoyt & Deaner.

Pouters.

Black pied cock.

1st Prem.....Robert Guentzel, Chicago, Ill.

2nd Prem.....Wagner Bros., Chicago, Ill.

Blue pied cock.

1st Prem.....Wagner Bros.

2nd Prem.....Robert Guentzel.

Red pied cock.

1st Prem.....Robert Guentzel.

2nd Prem.....Wagner Bros.

Yellow pied cock.

1st Prem.....Wagner Bros.

2nd Prem.....Herman Kretschmer.

White cock.

1st Prem.....Robert Guentzel.

2nd Prem.....Wagner Bros.

Any other color cock.

1st Prem.....Wagner Bros.

2nd Prem.....Wagner Bros.

Black pied hen.

1st Prem.....Robert Guentzel.

Blue pied hen.

1st Prem.....Robert Guentzel.

2nd Prem.....Walter C. Bolt, Milwaukee, Wis.

Red pied hen.

1st Prem.....Robert Guentzel.

2nd Prem.....Wagner Bros.

Yellow pied hen.

1st Prem.....Wagner Bros.

White hen.

1st Prem.....Wagner Bros.

2nd Prem.....Robert Guentzel.

Any other color hen.

1st Prem.....Wagner Bros.

2nd Prem.....Herman Kretschmer.

Poulters—Pigmies.

Black cock.

1st Prem.....Geo. Ewald.

Blue cock.

1st Prem.....Geo. Ewald.

White cock.

1st Prem.....Geo. Ewald.

Any other color cock.

1st Prem.....Geo. Ewald.

Black hen.

1st Prem.....Geo. Ewald.

Blue hen.

1st Prem.....Geo. Ewald.

White hen.

1st Prem.....Geo. Ewald.

Any other color hen.

1st Prem.....Geo. Ewald.

Brunner Pouters.

Blue cock.

1st Prem.....Geo. Ewald.

Black cock.

1st Prem.....Geo. Ewald.

2nd Prem.....Herman Kretschmer.

Any other color cock.

1st Prem.....William Korb, Milwaukee, Wis.

2nd Prem.....Herman Kretschmer.

Blue hen.

1st Prem.....Geo. Ewald.

Black hen.

1st Prem.....Herman Kretschmer.

2nd Prem.....Geo. Ewald.

Any other color hen.

1st Prem.....Geo. Ewald.

2nd Prem.....William Korb.

Saddle-back Fantails.

Black cock.

1st Prem.....Geo. Ewald.

2nd Prem.....J. P. Heer, Milwaukee, Wis.

Any other color cock.

1st Prem.....Geo. Ewald.

Black hen.

1st Prem.....Geo. Ewald.

Any other color hen.

1st Prem.....Geo. Ewald.

Tail-colored Fantails.

Any color cock.

- 1st Prem.....J. P. Heer.
- 2nd Prem.....J. P. Heer.

Any color hen.

- 1st Prem.....J. P. Heer.

Fantails—Plain.

Black cock.

- 1st Prem.....Geo. Ewald.
- 2nd Prem.....J. P. Heer.

Blue cock.

- 1st Prem.....Geo. Ewald.
- 2nd Prem.....Henry Barta, Milwaukee, Wis.

Red cock.

- 1st Prem.....Geo. Ewald.
- 2nd Prem.....F. W. Niesman.

Yellow cock.

- 1st Prem.....Joseph Barta, Jr., Milwaukee, Wis.
- 2nd Prem.....Joseph Barta, Jr.

White cock.

- 1st Prem.....Geo. Ewald.
- 2nd Prem.....Henry Barta.

Any color cock.

- 1st Prem.....J. P. Heer.
- 2nd Prem.....Geo. Ewald.

Black hen.

- 1st Prem.....Geo. Ewald.
- 2nd Prem.....F. W. Niesman.

Blue hen.

- 1st Prem.....Geo. Ewald.

Red hen.

1st Prem.....Geo. Ewald.
 2nd Prem.....F. W. Niesmaa.

Yellow hen.

1st Prem.....Geo. Ewald.
 2nd Prem.....F. W. Niesman.

White hen.

1st Prem.....Joseph Barta, Jr.
 2nd Prem.....J. P. Heer.

Any other color hen.

1st Prem.....Geo. Ewald.
 2nd Prem.....J. P. Heer.

Trumpeters.

Black cock.

1st Prem.....Hoyt & Deaner.

Black hen.

1st Prem.....Hoyt & Deaner.

Magpies.

Red cock.

1st Prem.....Geo. Ewald.

Yellow cock.

1st Prem.....Geo. Ewald.

Black cock.

1st Prem.....Geo. Ewald.
 2nd Prem.....F. W. Niesman.

Blue cock.

1st Prem.....Geo. Ewald.

Any other color cock.

1st Prem.....Geo. Ewald.

Red hen.

- 1st Prem.....Geo. Ewald.
2nd Prem.....F. W. Niesman.

Yellow hen.

- 1st Prem.....Geo. Ewald.

Black hen.

- 1st Prem.....Geo. Ewald.
2nd Prem.....F. W. Niesman.

Blue hen.

- 1st Prem.....Geo. Ewald.

Any other color hen.

- 1st Prem.....Geo. Ewald.

SHOWN IN PARIS.

Hen Pigeons.

Black.

- 1st Prem.....William Korb.
2nd Prem.....G. R. Schubert, Milwaukee, Wis.

Blue.

- 1st Prem.....William Korb.
2nd Prem.....G. R. Schubert.

White.

- 1st Prem.....G. R. Schubert.
2nd Prem.....William Korb.

Any other color.

- 1st Prem.....William Korb.

Barbs.**Red.**

1st Prem.....Herman Vanselow, Milwaukee, Wis.
 2nd Prem.....Herman Vanselow,

Black.

1st Prem.....Herman Vanselow.

Any other color.

1st Prem.....Herman Vanselow.
 2nd Prem.....Herman Vanselow.

Jacobins.**Red.**

1st Prem.....John A. Koenig, Milwaukee, Wis.
 2nd Prem.....Geo. Ewald.

Yellow.

1st Prem.....John A. Koenig.
 2nd Prem.....J. P. Heer.

Black.

1st Prem.....J. P. Heer.
 2nd Prem.....J. P. Heer.

White.

1st Prem.....John A. Koenig.
 2nd Prem.....John A. Koenig.

Any other color.

1st Prem.....John A. Koenig.
 2nd Prem.....Geo. Ewald.

Oriental Frills.**Blondnettes—blue lace.**

1st Prem.....Dr. J. F. Roe, Milwaukee, Wis.
 2nd Prem.....Herman Vanselow.

Blondnettes—black lace.

- 1st Prem.....Herman Vanselow.
- 2nd Prem.....Herman Kretschmer.

Blondnettes—blue bow.

- 1st Prem.....Herman Vanselow.
- 2nd Prem.....Herman Vanselow.

Satinettes.

- 1st Prem.....Herman Vanselow
- 2nd Prem.....Herman Vanselow.

Bluettes.

- 1st Prem.....Herman Vanselow.
- 2nd Prem.....Herman Vanselow.

Any other color.

- 1st Prem.....Dr. J. F. Roe.
- 2nd Prem.....Herman Vanselow.

Turbits—Wing.

Red.

- 1st Prem.....Thomas B. McCauley, Chicago, Ill.
- 2nd Prem.....Geo. Ewald.

Yellow.

- 1st Prem.....Thomas B. McCauley.

Black.

- 1st Prem.....Thomas B. McCauley.
- 2nd Prem.....Geo. Ewald.

Blue.

- 1st Prem.....Geo. Ewald.
- 2nd Prem.....Thomas B. McCauley.

Any other color.

- 1st Prem.....Thomas B. McCauley.

English Trumpeters.**Black.**

1st Prem.....	Herman Vanselow.
2nd Prem.	Ferd Vanselow.

Blue.

1st Prem.....	A. M. Fiebrantz, Milwaukee, Wis.
2nd Prem.....	A. M. Fiebrantz.

Mottled.

1st Prem.....	Herman Vanselow
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Brunswick or baldhead.

1st Prem.....	A. M. Fiebrantz.
2nd Prem.....	A. M. Fiebrantz.

Any other color.

1st Prem.....	Herman Vanselow.
2nd Prem.	Ferd Vanselow.

Short-faced Tumblers.**Almond.**

1st Prem.....	Mrs. R. B. Dobrogowski, Milwaukee, Wis.
2nd Prem.....	Mrs. R. B. Dobrogowski.

Red.

1st Prem.....	Anton Williamsen, Milwaukee, Wis.
2nd Prem.....	Mrs. R. B. Dobrogowski.

Mottled.

1st Prem.....	Mrs. R. B. Dobrogowski.
2nd Prem.....	Mrs. R. B. Dobrogowski.

Kite.

1st Prem.....	Mrs. R. B. Dobrogowski.
2nd Prem.....	Anton Williamsen.

Any other color.

1st Prem.....	Mrs. R. B. Dobrogowski.
2nd Prem.....	Mrs. R. B. Dobrogowski.

Long-faced Tumblers.

(Clean-legged.)

Red.

- 1st Prem.....Herman Kretschmer.
- 2nd Prem.....Mrs. R. B. Dobrogowski.

Black.

- 1st Prem.....K. J. Muir, Chicago, Ill.
- 2nd Prem.....Anton Williamsen.

White.

- 1st Prem.....Anton Williamsen.
- 2nd Prem.....Anton Williamsen.

Yellow.

- 1st Prem.....Mrs. R. B. Dobrogowski.
- 2nd Prem.....Herman Kretschmer.

Red Mottled.

- 1st Prem.....Anton Williamsen.
- 2nd Prem.....Anton Williamsen.

Any other color.

- 1st Prem.....K. J. Muir.
- 2nd Prem.....Anton Williamsen.

Long-faced Tumblers.

(Muffled.)

Silver.

- 1st Prem.....C. Williamsen, Milwaukee, Wis.
- 2nd Prem.....R. B. Dobrogowski, Milwaukee, Wis.

Red.

- 1st Prem.....C. Williamsen.
- 2nd Prem.....R. B. Dobrogowski.

Yellow.

- 1st Prem.....C. Williamsen.
- 2nd Prem.....K. J. Muir.

Black.

1st Prem.....C. Williamsen.
 2nd Prem.....R. B. Dobrogowski.

Blue.

1st Prem.....C. Williamsen.
 2nd Prem.....R. B. Dobrogowski.

White.

1st Prem.....C. Williamsen.
 2nd Prem.....R. B. Dobrogowski.

Red mottled.

1st Prem.....C. Williamsen.
 2nd Prem.....C. Williamsen.

Yellow mottled.

1st Prem.....C. Williamsen.
 2nd Prem.....C. Williamsen.

Black mottled.

1st Prem.....K. J. Muir.
 2nd Prem.....C. Williamsen.

 Bald-head Tumblers.

Black.

1st Prem.....K. J. Muir.
 2nd Prem.....Anton Williamsen.

Red.

1st Prem.....R. B. Dobrogowski.
 2nd Prem.....Anton Williamsen.

Yellow.

1st Prem.....Mrs. R. B. Dobrogowski.
 2nd Prem.....Anton Williamsen.

Any other color.

1st Prem.....Geo. Ewald.
 2nd Prem.....R. B. Dobrogowski.

Parlor Tumblers.

Red.

1st Prem.Henry Barta.

2nd Prem.Joseph Barta, Jr.

Yellow.

1st Prem.Henry Barta.

2nd Prem.Joseph Barta, Jr.

Black.

1st Prem.Joseph Barta, Jr.

Any other color.

1st Prem.Henry Barta.

2nd Prem.Joseph Barta, Jr.

Moorehead Tumblers.

Black.

1st Prem.R. B. Dobrogowski.

2nd Prem.C. Williamsen.

Any other color.

1st Prem.C. Williamsen.

2nd Prem.R. B. Dobrogowski.

Saddles.

Blue.

1st Prem.K. J. Muir.

2nd Prem.R. B. Dobrogowski.

Black.

1st Prem.R. B. Dobrogowski.

2nd Prem.C. Williamsen.

Red.

1st Prem.R. B. Dobrogowski.

2nd Prem.C. Williamsen.

Any other color.

1st Prem.	R. B. Dobrogowski.
2nd Prem.	C. Williamsen.

Badges.

Black.

1st Prem.	H. Williamsen, Milwaukee, Wis.
2nd Prem.	H. Williamsen.

Any other color.

1st Prem.	H. Williamsen.
2nd Prem.	H. Williamsen.

Tipplers.

Dark Mottled.

1st Prem.	William Augstein, Milwaukee, Wis.
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Light Mottled.

1st Prem.	Henry Barta.
2nd Prem.	William Augstein.

English Beards.

Red.

1st Prem.	R. B. Dobrogowski.
2nd Prem.	Geo. Ewald.

Yellow.

1st Prem.	R. B. Dobrogowski.
2nd Prem.	Geo. Ewald.

Any other color.

1st Prem.	Geo. Ewald.
2nd Prem.	R. B. Dobrogowski.

German Beards.

Blue.

1st Prem.Ferd Vanselow.

2nd Prem.Geo. Ewald.

Any other color.

1st Prem.Ferd Vanselow.

Barless Swallows.

Red.

1st Prem.L. A. Jansen, Milwaukee, Wis.

2nd Prem.L. A. Jansen.

Yellow.

1st Prem.L. A. Jansen.

2nd Prem.Theo. Reuter, Milwaukee, Wis.

Black.

1st Prem.L. A. Jansen.

2nd Prem.Theo. Reuter.

Blue.

1st Prem.L. A. Jansen.

2nd Prem.Theo. Reuter.

Any other color.

1st Prem.L. A. Jansen.

2nd Prem.L. A. Jansen.

Fairy Swallows.

Blue.

1st Prem.Isabel Jansen, Milwaukee, Wis.

2nd Prem.Isabel Jansen

Black.

1st Prem.	Isabel Jansen.
2nd Prem.	Isabel Jansen.

Red.

1st Prem.	Isabel Jansen.
2nd Prem.	Isabel Jansen.

Spangled.

1st Prem.	Isabel Jansen.
2nd Prem.	Isabel Jansen.

Swallows with white bars.**Black.**

1st Prem.	L. A. Jansen.
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Blue.

1st Prem.	L. A. Jansen.
2nd Prem.	L. A. Jansen.

Frill Backs.**White.**

1st Prem.	Theo. Reuter, Milwaukee, Wis.
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English Owls.**Black**

1st Prem.	Geo. Ewald.
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Blue.

1st Prem.	Geo. Ewald.
2nd Prem.	H. Williamsen.

Silver.

1st Prem.	Geo. Ewald.
2nd Prem.	H. Williamsen.

Chinese Owls.

Blue.

1st Prem.H. Williamsen.
 2nd Prem.H. Williamsen.

Silver.

1st Prem.Geo. Ewald.
 2nd Prem.E. Williamsen.

Any other color.

1st Prem.Geo. Ewald.
 2nd Prem.E. Williamsen.

African Owls.

Black

1st Prem.Thomas B. McCauley.
 2nd Prem.Geo. Ewald.

Silver.

1st Prem.Geo. Ewald.
 2nd Prem.E. Williamsen.

White.

1st Prem.Thomas B. McCauley.
 2nd Prem.E. Williamsen.

Any other color.

1st Prem.Thomas B. McCauley.
 2nd Prem.Geo. Ewald.

Tail-colored Owls.

Black tails.

1st Prem.Geo. Ewald.

Any other color.

1st Prem.Geo. Ewald.
 2nd Prem.Geo. Ewald.

Dragons.**Blue.**

1st Prem. Herman Vanselow.
 2nd Prem. William Tegge, Milwaukee, Wis.

Yellow.

1st Prem. Walter C. Bolt, Milwaukee, Wis.
 2nd Prem. William Tegge.

Black

1st Prem. Herman Vanselow.
 2nd Prem. Herman Vanselow.

White.

1st Prem. Walter C. Bolt.
 2nd Prem. William Tegge.

Red.

1st Prem. Walter C. Bolt.
 2nd Prem. William Tegge.

Helmets.**Red.**

1st Prem. J. P. Heer.
 2nd Prem. Elmwood Pigeon & Poultry Farm, Milwaukee, Wis.

Yellow.

1st Prem. J. P. Heer.
 2nd Prem. J. P. Heer.

Any other color.

1st Prem. J. P. Heer.
 2nd Prem. J. P. Heer.

Nuns.**Red.**

1st Prem. Herman Vanselow.
 2nd Prem. Herman Vanselow.

Yellow.

1st Prem. Herman Vanselow.
 2nd Prem. Herman Vanselow

Black

1st Prem. Herman Vanselow.
 2nd Prem. Herman Vanselow.

Any other color.

1st Prem. Herman Vanselow.
 2nd Prem. Herman Vanselow

Priests.

Black

1st Prem. Dr. J. F. Roe.
 2nd Prem. Theo. Reuter.

Blue.

1st Prem. Theo. Reuter.
 2nd Prem. Dr. J. F. Roe.

Any other color.

1st Prem. Dr. J. F. Roe.
 2nd Prem. Dr. J. F. Roe.

Quakers.

Red.

1st Prem. Walter Korb, Milwaukee, Wis.

Black

1st Prem. Theo. Reuter
 2nd Prem. Theo. Reuter.

Any other color.

1st Prem. Walter Korb.
 2nd Prem. Dr. J. F. Roe.

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Hungarian Hen Pigeon.

Black

1st Prem.G. R. Schubert.

Red.

1st Prem.G. R. Schubert.

2nd Prem.G. R. Schubert.

Any other color.

1st Prem.G. R. Schubert.

Parlor Rollers.

Yellow.

1st Prem.Joseph Barta, Jr.

2nd Prem.Joseph Barta, Jr.

Any other color.

1st Prem.Joseph Barta, Jr.

2nd Prem.Joseph Barta, Jr.

Show Homers.

Blue checker.

1st PremGeo. Ewald.

2nd Prem.Geo. Ewald.

Black checker.

1st PremGeo. Ewald.

2nd Prem.Geo. Ewald.

Red checker.

1st PremGeo. Ewald.

2nd Prem.Geo. Ewald.

Any other color.

1st PremGeo. Ewald.

Flying Homers.

Blue.

1st Prem. Herman Vanselow
2nd Prem. Dr. Max Staehle, Manitowoc, Wis

Silver or mealy.

1st Prem. Dr. Max Staehle.
2nd Prem. Elmwood Pigeon & Poultry Farm.

White.

1st Prem. Dr. Max Staehle.
2nd Prem. C. G. Loeber.

Blue checker.

1st Prem. C. G. Loeber.
2nd Prem. Dr. Max Staehle.

Red checker.

1st Prem. Dr. Max Staehle.
2nd Prem. Ferd Vanselow.

Black checker.

1st Prem. Herman Vanselow.
2nd Prem. C. G. Loeber.

Any other color.

1st Prem. Herman Vanselow.
2nd Prem. Ferd Vanselow.

Mixed Class.

Strassers.

1st Prem. William Korb.
2nd Prem. Walter Korb.

Magpie Tumblers.

1st Prem. C. Williamsen.
2nd Prem. R. B. Dobrogowski.

Blue-Black Barred Swallows.

1st Prem.....	L. A. Jansen.
2nd Prem.....	Theo Reuter.

Starlings.

1st Prem.....	Geo. Ewald.
2nd Prem.....	Walter Korb.

Scandaroons.

1st Prem.....	Walter Korb.
2st Prem.....	Herman Kretschmer.

Tail Turbits.

1st Prem.....	Geo. Ewald.
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Archangels.

1st Prem.....	Geo. Ewald.
2nd Prem.....	Geo. Ewald.

High Flyers.

1st Prem.....	Anton Williamsen.
2nd Prem.....	William Augstein.

Ice Pigeons.

1st Prem.....	Herman Vanselow.
2nd Prem.....	Herman Vanselow.

Any Single Breed not Mentioned.

1st Prem.....	Walter Korb.
2nd Prem.....	Theo Reuter.

 Young birds in Paris.

Show Homers.

1st Prem.....	Geo. Homers.
2nd Prem.....	Geo. Ewald.

Flying Homers.

1st Prem.....	Herman Vanselow.
2nd Prem.....	Herman Vanselow.

Magpies.

- 1st Prem.....Isabel Jansen.
 2nd Prem.....Geo. Ewald.

Swallows.

- 1st Prem.....L. A. Jansen.
 2nd Prem.....L. A. Jansen.

Muffed Tumblers.

- 1st Prem.....R. B. Dobrogowski.
 2nd Prem.....C. Williamsen.

Clean-legged Tumblers.

- 1st Prem.....R. B. Dobrogowski.
 2nd Prem.....William Augstein.

Owls.

- 1st Prem.....Thomas B. McCauley.
 2nd Prem.....Geo. Ewald.

White Barred Swallows.

- 1st Prem.....L. A. Jansen.

Fairy Swallows.

- 1st Prem.....L. A. Jansen.
 2nd Prem.....L. A. Jensen.

Turbits.

- 1st Prem.....Thomas B. McCauley.
 2nd Prem.....Geo. Ewald.

Dragons.

- 1st Prem.....Herman Vanselow.
 2nd Prem.....William Tegge.

Oriental Frills.

- 1st Prem.....Herman Vanselow.
 2nd Prem.....Dr. J. F. Roe.

Pouters.

- 1st Prem.....Robert Guentzel.
 2nd Prem.....Walter C. Bolt.

Short-Faced Tumblers.

1st Prem.....	R. B. Dobrogowski.
2nd Prem.....	R. B. Dobrogowski.

Other Trumpeters.

1st Prem.....	A. M. Fiebrantz.
2nd Prem.....	A. M. Fiebrantz.

Parlor Tumblers.

1st Prem.....	Henry Barta.
2nd Prem.....	Henry Barta.

Priests.

1st Prem.....	Theo Reuter.
2nd Prem.....	Dr. J. F. Roe.

Nuns.

1st Prem.....	Herman Vanselow.
2nd Prem.....	Herman Vanselow.

 Coops.

Not less than 12 birds of any one variety.

1st Prem.....	Robert Guentzel.
2nd Prem.....	Mrs. J. F. Roe, Milwaukee, Wis.
3rd Prem.....	Julyus Just, Milwaukee, Wis.
4th Prem.....	Geo. Ewald.

AGRICULTURE.

Judges.

L. L. Olds, Clinton, Wis.
 Delbert Utter, Caldwell, Wis.

Grains.

Winter Wheat.

1st Prem.....John Hans, Jefferson, Wis.
 2nd Prem.....A. L. Kleeber, Reedsburg, Wis.

Spring Wheat.

1st Prem.....H. P. West, Ripon, Wis.
 2nd Prem.....J. H. Pilgrim, Milwaukee, Wis.

White Oats.

1st Prem.....W. F. Pilgrim, Wauwatosa, Wis.
 2nd Prem.....H. P. West.

Black Oats.

1st Prem.....A. L. Kleeber.
 2nd Prem.....H. P. West.

Bearded Barley.

1st Prem.....John Hans.
 2nd Prem.....John Markert, Jefferson, Wis.

Beardless Barley.

1st Prem.....H. P. West.

Spring Rye.

1st Prem.....John Hans.
 2nd Prem.....H. P. West.

Winter Rye.

1st Prem.....	John Hans.
2nd Prem.....	H. P. West.

Japanese Buckwheat.

1st Prem.....	H. P. West.
2nd Prem.....	John Hans.

Silver Hull Buckwheat.

1st Prem.....	John Hans.
2nd Prem.....	A. L. Kleeber.

American or Russian Flax.

1st Prem.....	H. P. West.
2nd Prem.....	J. H. Pilgrim.

 Grass Seed.

Timothy.

1st Prem.....	H. P. West.
2nd Prem.....	W. F. Pilgrim.

Red Clover, medium.

1st Prem.....	H. P. West.
2nd Prem.....	J. H. Pilgrim.

Red Clover, Mammoth.

1st Prem.....	J. H. Pilgrim.
2nd Prem.....	H. P. West.

White Clover.

1st Prem.....	H. P. West.
2nd Prem.....	J. H. Pilgrim.

Alsike Clover.

1st Prem.....	A. L. Kleeber.
2nd Prem.....	W. F. Pilgrim.

Red Top.

1st Prem.....	J. H. Pilgrim.
2nd Prem.....	H. P. West.

Millet.

German.

- 1st Prem.....H. P. West.
- 2nd Prem.....J. H. Pilgrim.

Hungarian or Other Variety.

- 1st Prem.....J. H. Pilgrim.
- 2nd Prem.....H. P. West.

Peas.

Extra Early.

- 1st Prem.....John Grape, Waukesha, Wis.
- 2nd Prem.....Frank Lindley, Fox Lake, Wis.

Green Field.

- 1st Prem.....John Grape.
- 2nd Prem.....John Hans.

White Field.

- 1st Prem.....H. P. West.
- 2nd Prem.....Frank Lindley.

Late Wrinkled.

- 1st Prem.....John Grape.
- 2nd Prem.....H. P. West.

Early Wrinkled.

- 1st Prem.....John Hans.
- 2nd Prem.....John Grape.

Beans.

Navy Beans.

- 1st Prem.....J. H. Pilgrim.
- 2nd Prem.....John Grape.

Any Other Field Beans.

- 1st Prem.....John Grape.
- 2nd Prem.....John Hans.

Wax Beans.

1st Prem.....	John Grape.
2nd Prem.....	John Grape.

Lima Beans.

1st Prem.....	Casper Olson, Genesee, Wis.
2nd Prem.....	John Hans.

 Corn.

White Flint.

1st Prem.....	J. H. Pilgrim.
2nd Prem.....	Robert Pilgrim, Milwaukee, Wils.

White Dent.

1st Prem.....	A. N. Kelly, Mineral Point, Wis.
2nd Prem.....	John Markert.

Yellow Flint.

1st Prem.....	John Markert.
2nd Prem.....	Robert Pilgrim.

Yellow Dent.

1st Prem.....	John Hans.
2nd Prem.....	H. P. West.

Sweet, Early.

1st Prem.....	John Hans.
2nd Prem.....	J. H. Pilgrim.

Sweet, Late.

1st Prem.....	Henry J. Schulte, Wauwatosa, Wis.
2nd Prem.....	E. L. Benedict, Beloit, Wis.

Pop Corn.

1st Prem.....	Casper Olson.
2nd Prem.....	John Markert.

Vegetables.

Turnip Blood Beets.

1st Prem.....Casper Olson.
2nd Prem.....John Grape.

Long Blood Beets.

1st Prem.....Lizzie Mayer, Wauwatosa, Wis.
2nd Prem.....John Grape.

Red Mangolds.

1st Prem.....John Grape.
2nd Prem.....Frank Lindley.

Yellow Tankards.

1st Prem.....John Grape.
2nd Prem.....Casper Olson

Yellow Onions.

1st Prem.....Lizzie Mayer.
2nd Prem.....Casper Olson.

Red Onions.

1st Prem.....Casper Olson.
2nd Prem.....Frank Lindley.

White Onions.

1st Prem.....Casper Olson.
2nd Prem.....John Grape.

Drumhead Cabbage.

1st Prem.....Casper Olson.
2nd Prem.....Lizzie Mayer.

Hollander Cabbages.

1st Prem.....E. L. Benedict.
2nd Prem.....Henry J. Schulte.

Pointed Cabbages.

1st Prem.....Frank Lindley.
2nd Prem.....Henry J. Schulte.

Yellow Carrots.

1st Prem.....	John Grape.
2nd Prem.....	Henry J. Schulte.

White Carrots.

1st Prem.....	John Grape.
2nd Prem.....	Casper Olson.

Oxhart Carrots.

1st Prem.....	Frank Lindley.
2nd Prem.....	Casper Olson.

Cauliflower.

1st Prem.....	Henry J. Schulte.
2nd Prem.....	John Grape.

Celery.

1st Prem.....	Caspar Olson
2nd Prem.....	John Grape

Parsnips.

1st Prem.....	Henry J. Schulte.
2nd Prem.....	John Grape

Watermelons.

1st Prem.....	Frank Lindley.
2nd Prem.....	Casper Olson.

Muskmelons.

1st Prem.....	Casper Olson.
2nd Prem.....	Henry J. Schulte.

Hubbard Squash.

1st Prem.....	John Grape.
2nd Prem.....	Frank Lindley.

Largest Squash.

1st Prem.....	Frank Lindley.
2nd Prem.....	Lizzie Mayer.

Largest Pumpkin.

1st Prem.....	John Grape.
2nd Prem.....	Henry J. Schulte.

Tomatoes.

1st Prem.....John Grape.
2nd Prem.....Casper O'son.

Flat Turnips.

1st Prem.....John Grape.
2nd Prem.....Frank Lindley.

Rutabagas.

1st Prem.....Casper Olson.
2nd Prem.....E. L. Benedict.

Yellow Pumpkins.

1st Prem.....Casper Olson.
2nd Prem.....Frank Lindley.

Egg Plant.

1st Prem.....Henry J. Schulte.
2nd Prem.....W. F. Pilgrim.

Cucumbers.

1st Prem.....Casper Olson.
2nd Prem.....John Grape.

Peppers.

1st Prem.....Henry J. Schulte.
2nd Prem.....Casper O'son.

Potatoes.

(Professional Class.)

Early Ohio.

1st Prem.....A. N. Kelly.
2nd Prem.....H. P. West.

Rose Family.

1st Prem.....A. N. Kelly.
2nd Prem.....H. P. West.

Hebron Family.

1st Prem.....A. N. Kelly.
2nd Prem.....H. P. West.

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Rural Family.

1st Prem.....	A. N. Kelly.
2nd Prem	H. P. West.

Burbank Family.

1st Prem.....	A. N. Kelly.
2nd Prem	H. P. West.

Farmers' Class.

World's Fair.

1st Prem.....	Frank Lindley.
2nd Prem.....	Henry J. Schulte.

Early Ohio.

1st Prem.....	Casper Olson.
2nd Prem.....	Henry J. Schulte.

Rural New Yorker, No. 2.

1st Prem.....	Casper Olson.
2nd Prem.....	Henry J. Schulte.

Early Rose.

1st Prem.....	Frank Lindley.
2nd Prem.....	Henry J. Schulte.

Beauty of Hebron.

1st Prem.....	Frank Lindley.
2nd Prem.....	Casper Olson.

Early Michigan.

1st Prem.....	John Grape.
2nd Prem.....	Frank Lindley.

Burbank.

1st Prem.....	Henry J. Schulte.
2nd Prem.....	Casper Olson.

Carmen No. 3.

1st Prem.....	Casper Olson.
2nd Prem.....	Henry J. Schulte.
2nd Prem.....	Frank Lindley.

California Russet.

- 1st Prem.....Frank Lindley.
2nd Prem.....John Grape.

White Victor.

- 1st Prem.....John Grape.

Voeneham.

- 1st Prem.....John Grape.

Any other variety.

- 1st Prem.....Frank Lindley.
2nd Prem.....Frank Lindley.

Show of Leaf Tobacco.

- 1st Prem.....Wisconsin Tobacco Growers' Assoc, Janesville, Wis.
2nd Prem.....Casper Olson.
3rd Prem.....Frank Lindley.

Show of Sugar Beets.

- 1st Prem.....Henry J. Schulte.
2nd Prem.....Casper Olson.

BOYS' CLASS.

Corn.

Yellow Dent.

- 1st Prem.....Bennie Hans, Jefferson, Wis.
2nd Prem.....Harry Markert, Jefferson, Wis.
3rd Prem.....Frank Benedict, Beloit, Wis.
4th Prem.....Eddie Finn, Whitewater, Wis.

White Dent.

- 1st Prem.....Eddie Finn.
2nd Prem.....Harry Markert.
3rd Prem.....Addison Love, Waukesha, Wis.
4th Prem.....Bennie Hans.

Yellow Flint.

1st Prem.....	Eddie Finn.
2nd Prem.....	Harry Markert.
3rd Prem.....	Robert Pilgrim, Milwaukee, Wis.
4th Prem.....	Bennie Hans.

White Flint.

1st Prem.....	Robert Pilgrim.
2nd Prem.....	Alfred Pilgrim, Wauwatosa, Wis.
3rd Prem.....	Frank Benedict, Beloit, Wis.
4th Prem.....	Addison Love.

Pop Corn.

1st Prem.....	Addison Love.
2nd Prem.....	Harry Markert.
3rd Prem.....	Addison Love.
4th Prem.....	Frank Benedict.

Vegetables.

Turnip Blood Beets.

1st Prem.....	Alfred Pilgrim.
2nd Prem.....	Frank Benedict.

Long Blood Beets.

1st Prem.....	Frank Benedict.
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Red Mangolds.

1st Prem.....	Harry Markert.
2nd Prem.....	Frank Benedict.

Yellow Tankards.

1st Prem.....	Frank Benedict.
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Yellow Onions.

1st Prem.....	Alfred Pilgrim.
2nd Prem.....	Frank Benedict.

Red Onions.

1st Prem.....	Alfred Pilgrim.
2nd Prem.....	Frank Benedict.

White Onions.

1st Prem. Alfred Pilgrim.
2nd Prem. Frank Benedict.

Pointed Cabbages.

1st Prem. Frank Benedict.

Hollander Cabbages.

1st Prem. Alfred Pilgrim.

Yellow Carrots.

1st Prem. Frank Benedict.

White Carrots.

1st Prem. Frank Benedict.

Oxhart Carrots.

1st Prem. Frank Benedict.
2nd Prem. Harry Markert.

Cauliflower.

1st Prem. Alfred Pilgrim.

Parsnips.

1st Prem. Alfred Pilgrim.
2nd Prem. Frank Benedict.

Watermelon.

1st Prem. Frank Benedict.
2nd Prem. Alfred Pilgrim.

Muskmelons.

1st Prem. Alfred Pilgrim.
2nd Prem. Frank Benedict.

Hubbard Squash.

1st Prem. Frank Benedict.
2nd Prem. Clinton Kinney, Wauwatosa, Wis.

Largest Squash.

1st Prem. Harry Markert.
2nd Prem. Frank Benedict.

Largest Pumpkin.

1st Prem.	Alfred Pilgrim.
2nd Prem.	Robert Pilgrim.

Tomatoes.

1st Prem.	Alfred Pilgrim.
2nd Prem.	Clinton Kinney.

Flat Turnips.

1st Prem.	Frank Benedict.
2nd Prem.	Alfred Benedict.

Rutabagas.

1st Prem.	Frank Benedict.
2nd Prem.	Alfred Pilgrim.

Yellow Pumpkins.

1st Prem.	Alfred Pilgrim.
2nd Prem.	Frank Benedict.

Egg Plant.

1st Prem.	Alfred Pilgrim.
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Cucumbers.

1st Prem.	Frank Benedict.
2nd Prem.	Alfred Pilgrim.

Peppers.

1st Prem.	Alfred Pilgrim.
2nd Prem.	Bennie Hans.

 POTATOES.

World's Fair.

1st Prem.	Frank Benedict.
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Early Ohio.

1st Prem.	Addison Love.
2nd Prem.	Frank Benedict.

Early Rose.

- 1st Prem.Frank Benedict.
- 2nd Prem.....Robert Pilgrim.

Beauty of Hebron.

- 1st Prem.Robert Pilgrim.
- 2nd Prem.....Frank Benedict.

Early Michigan.

- 1st Prem.Frank Benedict.
- 2nd Prem.Robert Pilgrim.

Rural New Yorker, No. 2.

- 1st Prem.Robert Pilgrim.
- 2nd Prem.Frank Benedict.

Carmen No. 3.

- 1st Prem.Robert Pilgrim.
- 2nd Prem.....Frank Benedict.

Sir Walter Raleigh.

- 1st Prem.Robert Pilgrim.

Any other variety.

- 1st Prem.Harry Markert.
- 2nd Prem.Addison Love.

Best Exhibit of Vegetables.

- 1st Prem.Frank Benedict.
- 2nd Prem.Alfred Pilgrim.
- 3rd Prem.Harry Markert.

BURPEE PREMIUM.

Best collection of vegetables grown from Burpee seeds..Casper Olson.

WISCONSIN STANDARD VARIETIES OF GRAINS AND FORAGE
PLANTS.

Corn.

Silver King (Wis. No. 7.)

1st Prem.H. A. Main, Fort Atkinson, Wis.
2nd Prem.A. N. Kelly.

Yellow Dent (Wis. No. 8.)

1st Prem.John Hans.

Clark's Yellow Dent (Wis. No. 2.)

1st Prem.John Hans.

Barley.

Manchuria (Wis. No. 62.)

1st Prem.John Hans.
2nd Prem.R. J. Schaefer, Appleton, Wis.

Oderbrucker (Wis. No. 55.)

1st Prem.John Hans.
2nd Prem.Otto Wiegand, Cleveland, Wis.

Bees and Honey.

Judge.

Frank Wilcox, Mauston, Wis.

Italian Bees.

1st Prem.J. J. Ochsner, Prairie du Sac, Wis.
2nd Prem.A. L. Kleeber, Reedsburg, Wis.
3rd Prem.W. E. Prisk, Mineral Point, Wis.

Carniolan Bees.

1st Prem.J. J. Ochsner.
2nd Prem.A. L. Kleeber.
3rd Prem.E. D. Ochsner, Prairie du Sac, Wis.

White Comb Honey.

- 1st Prem. E. D. Ochsner.
- 2nd Prem. W. E. Prisk.
- 3rd Prem. A. L. Kleeber.

White Extracted Honey.

- 1st Prem. A. L. Kleeber.
- 2nd Prem. E. D. Ochsner.
- 3rd Prem. C. G. Voland, Kiel, Wis.

Amber Comb Honey.

- 1st Prem. J. J. Ochsner.
- 2nd Prem. W. E. Prisk.
- 3rd Prem. E. D. Ochsner.

Amber Extracted Honey.

- 1st Prem. E. D. Ochsner.
- 2nd Prem. W. E. Prisk.
- 3rd Prem. Joseph Volz, Wauwatosa, Wis.

Dark Comb Honey.

- 1st Prem. A. L. Kleeber.
- 2nd Prem. Mrs. Abbie Prisk, Mineral Point, Wis.
- 3rd Prem. J. J. Ochsner.

Dark Extracted Honey.

- 1st Prem. W. E. Prisk.
- 2nd Prem. E. D. Ochsner.
- 3rd Prem. A. L. Kleeber.

Display of Comb Honey.

- 1st Prem. E. D. Ochsner.
- 2nd Prem. A. L. Kleeber.

Display of Extracted Honey.

- 1st Prem. A. L. Kleeber.
- 2nd Prem. E. D. Ochsner.
- 3rd Prem. W. E. Prisk.

Beeswax.

- 1st Prem. A. L. Kleeber.
- 2nd Prem. E. D. Ochsner.
- 3rd Prem. Joseph Volz.

Maple Syrup.

- 1st Prem. Fremont Lounsbury, Watertown, Wis.
- 2nd Prem. A. L. Kleeber.
- 3rd Prem. Eastman Bros., Madison, Wis.

Sorghum Syrup.

- 1st Prem. Fremont Lounsbury.
- 2nd Prem. E. D. Ochsner.
- 3rd Prem. J. J. Ochsner.

Demonstration of practical handling of bees.

- 1st Prem. A. L. Kleeber.
- 2nd Prem. E. D. Ochsner.
- 3rd Prem. Joseph Volz.

COUNTY EXHIBITS.

	Fond du Lac.	Marathon.	Waukesha.	Dodge.	Jefferson.	Adams.	Iowa.	Rock.	Oconto.	Milwaukee.	Forest.
Wheat	100	65	80	55	75	50	40	40	20	....	....
Corn	150	45	90	45	60	40	50	30	25	10	10
Oats	150	75	80	60	40	35	30	15	10	....	....
Barley	100	95	90	75	65	20	30	10	30	....	....
Peas	60	100	80	70	25	10	10	....	20	....	....
Rye	95	100	85	75	70	65	40	60	....	....	....
Grains in sheaf	95	100	90	70	65	80	25	10	20	....	10
Sugar beets	50	45	40	40	40	30	....	50	45	....	....
Clover and grass seeds	50	45	45	40	40	35	35	30	10	....	....
Tame grasses	70	100	80	60	50	70	10	15	10	....	25
Forage plants	100	90	80	50	75	30	20	35	25	15	20
Potatoes	75	100	50	65	45	60	85	40	40	20	15
Stock vegetables	90	100	85	65	70	15	65	55	50	75	40
Culinary vegetables	90	100	90	70	65	40	70	50	45	80	30
Fruits	85	70	95	45	75	60	65	80	100	5	....
Miscellaneous	95	75	100	70	80	85	90	40	90	20	25
Number of varieties	100	64	98	67	68	41	43	41	45	16	10
Design and taste	175	175	150	160	150	125	150	150	125	100	50
Totals	1,730	1,544	1,508	1,182	1,158	891	858	751	710	341	235
Distance from grounds	100	300	100	100	100	200	300	200	300	199	500
Amounts awarded	\$205	\$210	\$180	\$145	\$145	\$125	\$130	\$110	\$115	\$50	\$85

HORTICULTURE.

FRUIT.

Judge.

A. J. Philips, West Salem, Wis.

Apples—Open Class.

Display 20 varieties.

- 1st Prem. Pioneer Fruit Farm, Ithaca, Wis.
- 2nd Prem. William Fox, Baraboo, Wis.
- 3rd Prem. Harland Bros., Duplainville, Wis.
- 4th Prem. William Pepper, Pewaukee, Wis.

Display 10 varieties.

- 1st Prem. A. D. Brown, Baraboo, Wis.
- 2nd Prem. William Pepper.
- 3rd Prem. N. M. Jewell & Son, Mineral Point, Wis.
- 4th Prem. William Fox.

Display of 5 winter varieties.

- 1st Prem. E. L. Benedict, Beloit, Wis.
- 2nd Prem. Pioneer Fruit Farm.
- 3rd Prem. N. M. Jewell & Son.

Display of Seedlings.

- 1st Prem. Pioneer Fruit Farm.

Largest Apple

- 1st Prem. Pioneer Fruit Farm.
- 2nd Prem. William Fox.
- 3rd Prem. Harland Bros.

Single Plate.**Alexander.**

1st Prem.	Harland Bros.
2nd Prem.	William Pepper.
3rd Prem.	William Fox.

Anisim.

1st Prem.	A. D. Brown.
2nd Prem.	Harland Bros.
3rd Prem.	William Fox.

Milwaukee.

1st Prem.	Harland Bros.
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Ben Davis.

1st Prem.	William Pepper.
2nd Prem.	Pioneer Fruit Farm.
3rd Prem.	Harland Bros.

Fall Orange.

1st Prem.	William Fox.
2nd Prem.	N. M. Jewell & Son.
3rd Prem.	Harland Bros.

Fameuse

1st Prem.	Pioneer Fruit Farm.
2nd Prem.	Harland Bros.
3rd Prem.	N. M. Jewell & Son.

Golden Russet.

1st Prem.	Harland Bros.
2nd Prem.	William Fox.
3rd Prem.	Pioneer Fruit Farm.

Haas.

1st Prem.	Harland Bros.
2nd Prem.	William Fox.
3rd Prem.	William Pepper.

Hibernal.

1st Prem.	William Fox.
2nd Prem.	A. D. Brown.
3rd Prem.	Pioneer Fruit Farm.

Lowland Raspberry.

- 1st Prem. William Fox.
- 2nd Prem. A. D. Brown.

Longfield.

- 1st Prem. A. D. Brown.
- 2nd Prem. Pioneer Fruit Farm.
- 3rd Prem. Geo. J. Kellogg & Sons, Lake Mills, Wis.

Malinda.

- 1st Prem. William Fox.
- 2nd Prem. Harland Bros.

McIntosh.

- 1st Prem. Pioneer Fruit Farm.
- 2nd Prem. Harland Bros.

McMahon.

- 1st Prem. William Fox.
- 2nd Prem. Pioneer Fruit Farm.
- 3rd Prem. George J. Kellogg & Son.

Newell.

- 1st Prem. William Fox.
- 2nd Prem. A. D. Brown.
- 3rd Prem. Pioneer Fruit Farm.

Northwestern Greening.

- 1st Prem. Pioneer Fruit Farm.
- 2nd Prem. N. M. Jewell & Son.
- 3rd Prem. E L. Benedict.

Northern Spy.

- 1st Prem. Harland Bros.
- 2nd Prem. W. J. Moyle, Union Grove, Wis.

Oldenburg.

- 1st Prem. William Peffer.
- 2nd Prem. A. D. Brown.
- 3rd Prem. Harland Bros.

Patten Greening.

1st Prem. William Fox.

Perry Russet.

1st Prem. Geo. J. Kellogg & Son.

2nd Prem. William Toole, Baraboo, Wis.

3rd Prem. William Peffer.

Pewaukee.

1st Prem. Pioneer Fruit Farm.

2nd Prem. N M. Jewell & Son.

3rd Prem. William Fox.

Plumb Cider.

1st Prem. William Fox.

2nd Prem. Pioneer Fruit Farm.

3rd Prem. William Peffer.

Repka Malenka.

1st Prem. Harland Bros.

2nd Prem. Pioneer Fruit Farm.

3rd Prem. William Fox.

Scott Winter.

1st Prem. William Toole.

2nd Prem. William Fox.

3rd Prem. A. D. Brown.

St. Lawrence.

1st Prem. Geo J. Kellogg & Son.

2nd Prem. N. M. Jewell & Son.

3rd Prem. Harland Bros.

Talman Sweet.

1st Prem. Pioneer Fruit Farm

2nd Prem. E. L. Benedict.

3rd Prem. William Fox.

Utter.

1st Prem. William Fox.

2nd Prem. Pioneer Fruit Farm.

3rd Prem. N. M. Jewell & Son.

Walbridge.

- 1st Prem. William Pepper.
- 2nd Prem. Pioneer Fruit Farm.
- 3rd Prem. William Fox.

Wealthy.

- 1st Prem. William Fox.
- 2nd Prem. N. M. Jewell & Son.
- 3rd Prem. A. D. Brown.

Willow Twig

- 1st Prem. Geo J. Kellogg & Son.
- 2nd Prem. Pioneer Fruit Farm.
- 3rd Prem. E. L. Benedict.

Windsor.

- 1st Prem. Pioneer Fruit Farm.
- 2nd Prem. William Fox.
- 3rd Prem. William Pepper.

Wolf River.

- 1st Prem. Pioneer Fruit Farm.
- 2nd Prem. Harland Bros.
- 3rd Prem. N. M. Jewell & Son.

Maiden Blush.

- 1st Prem. Harland Bros.
- 2nd Prem. William Pepper.

Hubbardston.

- 1st Prem. W. J. Moyle.
- 2nd Prem. Harland Bros.

Plate of Crab Apples.

Brier (Sweet.)

- 1st Prem. A. D. Brown.
- 2nd Prem. Pioneer Fruit Farm.

Hyslop.

- 1st Prem. Pioneer Fruit Farm.
- 2nd Prem. N. M. Jewell & Son.

Martha.

1st Prem. Pioneer Fruit Farm.

Sweet Russet.

1st Prem. Harland Bros.

2nd Prem. A. D. Brown.

Transcendent.

1st Prem. N. M. Jewell & Son.

2nd Prem. William Peffer.

Virginia.

1st Prem. Geo. J. Kellogg & Son.

2nd Prem. A. D. Brown.

Whitney.

1st Prem. A. D. Brown.

2nd Prem. Pioneer Fruit Farm.

Apples—For Amateurs Only.

Display of 20 varieties.

1st Prem. W. H. Steele, Pewaukee, Wis.

2nd Prem. J. S. Palmer, Baraboo, Wis.

3rd Prem. Mrs. Robert Ramsey, Baraboo, Wis.

4th Prem. H. C. Melcher, Oconomowoc, Wis.

Display of 15 varieties.

1st Prem. J. S. Palmer.

2nd Prem. W. H. Steele.

3rd Prem. A. N. Kelly.

4th Prem. Mrs. Robert Ramsey.

Display of 3 winter varieties.

1st Prem. W. H. Steele.

2nd Prem. J. S. Palmer.

3rd Prem. Mrs Robert Ramsey.

Display of seedlings.

1st Prem. W. H. Steele.

2nd Prem. Geo. Jeffery, Milwaukee, Wis.

3rd Prem. A. N. Kelly

Largest Apple.

1st Prem.	A. N. Kelly.
2nd Prem.	W. H. Steele.
3rd Prem.	Mrs. Robert Ramsey.

Single Plate.

Alexander.

1st Prem.	W. H. Steele.
2nd Prem.	Mrs. A. F. White, Brookfield, Wis.
3rd Prem.	Fremont Lounsbury.

Anisim.

1st Prem.	W. H. Steele.
2nd Prem.	Mrs. Robert Ramsey.
3rd Prem.	Geo. Jeffery.

Milwaukee.

1st Prem.	W. H. Steele.
2nd Prem.	H. C. Melcher.
3rd Prem.	Geo. Jeffery.

Ben Davis.

1st Prem.	A. N. Kelly.
2nd Prem.	E. L. Benedict.
3rd Prem.	W. H. Steele.

Fall Orange.

1st Prem.	J. S. Palmer.
2nd Prem.	W. H. Steele.
3rd Prem.	A. N. Kelly.

Fameuse.

1st Prem.	J. S. Palmer.
2nd Prem.	W. H. Steele.
3rd Prem.	Mrs. A. F. White.

Golden Russet

1st Prem.	A. N. Kelly.
2nd Prem.	W. H. Steele.
3rd Prem.	Mrs. A. F. White.

Haas.

1st Prem.	.....	Mrs. Robert Ramsey.
2nd Prem.	.....	J. S. Palmer.
3rd Prem.	.....	Mrs. A. F. White.

Hibernal.

1st Prem.	.....	W. H. Steele.
2nd Prem.	.....	A. N. Kelly.
3rd Prem.	.....	J. S. Palmer.

Lowland Raspberry.

1st Prem.	.....	Geo. Jeffery.
2nd Prem.	.....	W. H. Steele.
3rd Prem.	.....	Mrs. Robert Ramsey.

Longfield.

1st Prem.	.....	J. S. Palmer.
2nd Prem.	.....	H. C. Melcher.
3rd Prem.	.....	W. H. Steele.

Malinda

1st Prem.	.....	Mrs. Robert Ramsey.
2nd Prem.	.....	W. H. Steele.

McIntosh.

1st Prem.	.....	J. S. Palmer.
2nd Prem.	.....	W. H. Steele.
3rd Prem.	.....	Fremont Lounsbury

McMahon.

1st Prem.	.....	A. N. Kelly.
2nd Prem.	.....	J. S. Palmer.
3rd Prem.	.....	H. C. Melcher.

Newell

1st Prem.	.....	J. S. Palmer.
2nd Prem.	.....	A. N. Kelly.
3rd Prem.	.....	W. H. Steele.

Northwestern Greening.

1st Prem.	.....	Fremont Lounsbury.
2nd Prem.	.....	E. L. Benedict.
3rd Prem.	.....	A. N. Kelly.

Northern Spy.

- 1st Prem. W. H. Steele.
- 2nd Prem. Mrs. A. F. White.
- 3rd Prem. Geo. Jeffery.

Okabena.

- 1st Prem. Mrs. Robert Ramsey.
- 2nd Prem. W. H. Steele.
- 3rd Prem. Geo. Jeffery.

Oldenburg.

- 1st Prem. W. H. Steele.
- 2nd Prem. Geo. Jeffery.
- 3rd Prem. A. N. Kelly.

Patten Greening.

- 1st Prem. W. H. Steele.
- 2nd Prem. Geo. Jeffery.
- 3rd Prem. Mrs. Robert Ramsey.

Perry Russet.

- 1st Prem. Mrs. A. White.
- 2nd Prem. W. H. Steele.
- 3rd Prem. Mrs. Robert Ramsey.

Pewaukee.

- 1st Prem. W. H. Steele.
- 2nd Prem. Mrs. A. F. White.
- 3rd Prem. J. S. Palmer.

Plum Cider.

- 1st Prem. Mrs. Robert Ramsey.
- 2nd Prem. J. S. Palmer.
- 3rd Prem. W. H. Steele.

Repka Malenka.

- 1st Prem. W. H. Steele.
- 2nd Prem. Mrs. Robert Ramsey.
- 3rd Prem. Geo. Jeffery.

Salome.

- 1st Prem. W. H. Steele.
- 2nd Prem. Mrs. A. F. White.
- 3rd Prem. J. S. Palmer.

Scott Winter.

1st Prem.	.....	J. S. Palmer.
2nd Prem.	.....	W. H. Steele.
3rd Prem.	.....	Geo. Jeffery.

St. Lawrence.

1st Prem.	.....	W. H. Steele.
2nd Prem.	.....	Mrs. A. F. White.
3rd Prem.	.....	J. S. Palmer.

Talman Sweet.

1st Prem.	.....	J. S. Palmer.
2nd Prem.	.....	E. L. Benedict.
3rd Prem.	.....	Mrs. A. E. White.

Utter.

1st Prem.	.....	J. S. Palmer.
2nd Prem.	.....	Mrs. A. F. White.
3rd Prem.	.....	Mrs. Robert Ramsey.

Walbridge

1st Prem.	.....	J. S. Palmer.
2nd Prem.	.....	A. N. Kelly.
3rd Prem.	.....	Fremont Lounsbury.

Wealthy.

1st Prem.	.....	J. S. Palmer.
2nd Prem.	.....	Mrs. Robert Ramsey.
3rd Prem.	.....	Mrs. A. F. White.

Willow Twig.

1st Prem.	.....	E. L. Benedict.
2nd Prem.	.....	Mrs. Robert Ramsey.
3rd Prem.	.....	Geo. Jeffery.

Windsor.

1st Prem.	.....	A. N. Kelly.
2nd Prem.	.....	Geo. Jeffery.
3rd Prem.	.....	W. H. Steele.

Wolf River.

1st Prem.....A. N. Kelly.
 2nd Prem.....W. H. Steele.
 3rd Prem.....Fremont Lounsbury.

Maiden Blush.

1st Prem.....W. H. Steele.
 2nd Prem.....Mrs. A. F. White.
 3rd Prem.....A. N. Kelly.

Hubbardston.

1st Prem.....W. H. Steele.
 2nd Prem.....H. O. Melcher

Plate of Crab Apples.

Brier (Sweet.)

1st Prem.....Mrs. Robert Ramsey.
 2nd Prem.....Geo. Jeffery.

Hyslop.

1st Prem.....A. N. Kelly.
 2nd Prem.....Mrs. Robert Ramsey.

Martha.

1st Prem.....A. N. Kelly.
 2nd Prem.....Geo. Jeffery.

Sweet Russet.

1st Prem.....W. H. Steele.
 2nd Prem.....H. C. Melcher.

Transcendent.

1st Prem.....Mrs. A. F. White.
 2nd Prem.....A. N. Kelly.

Virginia.

1st Prem.....Geo. Jeffery.
 2nd Prem.....Fremont Lounsbury.

Whitney.

1st Prem.....	W. H. Steele.
2nd Prem.....	A. N. Kelly.

Sweepstakes.

Best and Largest Show.

1st Prem.....	W. H. Steele.
2nd Prem.....	Pioneer Fruit Farm.
3rd Prem.....	William Fox.
4th Prem.....	William Peffer.
5th Prem.....	J. S. Palmer.
6th Prem.....	A. N. Kelly.
7th Prem.....	Harland Bros.
8th Prem.....	Mrs. Robert Ramsey.
9th Prem.....	Geo. Jeffery.
10th Prem.....	Fremont Lounsbury.
11th Prem.....	Geo. J. Kellogg & Sons.

Pears.

Collection.

1st Prem.....	W. J. Moyle.
2nd Prem.....	D. T. Pilgrim, Wauwatosa, Wis.
3rd Prem.....	Geo. Jeffery.

Single Plate.

Barlett.

1st Prem.....	W. H. Steele.
2nd Prem.....	William Peffer.

Clapp's Favorite.

1st Prem.....	D. T. Pilgrim.
2nd Prem.....	W. J. Moyle.

Clairglau.

1st Prem.....	W. J. Moyle.
2nd Prem.....	Geo. Jeffery.

Early Harvest.

1st Prem.....Geo. Jeffery.
2nd Prem.....D. T. Pilgrim.

Flemish Beauty.

1st Prem.....Mrs. A. F. White.
2nd Prem.....William Peffer.

Howell.

1st Prem.....W. J. Moyle.
2nd Prem.....Geo. Jeffery.

Idaho.

1st Prem.....W. J. Moyle.

Kieffer

1st Prem.J. S. Palmer.
2nd Prem.Geo. Jeffery.

Lawson.

1st Prem.D. T. Pilgrim.
2nd Prem.Geo. Jeffery.

Lawrence

1st Prem.....W. J. Moyle.
2nd Prem.Geo. Jeffery.

Presicent Drouard.

1st Prem.Geo. J. Kellogg & Son.
2nd Prem.Geo. Jeffery.

Seckel.

1st Prem.....W. J. Moyle.
2nd Prem.....W. H. Steele.

Sheldon.

1st Prem.....W. J. Moyle.
2nd Prem.Geo. Jeffery.

ANNUAL REPORT OF THE

Plums

Collection of Native Plums.

1st Prem.	William Fox.
2nd Prem.	Mrs. Robert Ramsey.
3rd Prem.	Geo. J Kellogg & Son.

Collection of European Plums.

1st Prem.	Geo. Jeffery.
2nd Prem.	William Toole.

Collection of Japanese Plums.

1st Prem.	Geo. Jeffery.
2nd Prem.	Fremont Lounsbury.

 Single Plate.

De Soto.

1st Prem.	Mrs. Robert Ramsey.
2nd Prem.	William Fox.
3rd Prem.	Geo. J. Kellogg & Son.

Forest Garden.

1st Prem.	Mrs. Robert Ramsey.
2nd Prem.	William Toole.

Hammer.

1st Prem.	William Toole.
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Hawkeye.

1st Prem.	Mrs. Robert Ramsey.
2nd Prem.	A. N. Kelly.
3rd Prem.	Geo. Jeffery.

Ocheeda.

1st Prem.	William Fox.
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Quaker.

1st Prem.	William Toole.
2nd Prem.	J. S. Palmer.

Surprise.

- 1st Prem. William Fox.
- 2nd Prem. Geo. J. Kellogg & Son.
- 3rd Prem. Mrs. Robert Ramsey.

Wyant.

- 1st Prem. William Toole.
- 2nd Prem. William Fox.
- 3rd Prem. Mrs. Robert Ramsey.

Grapes.

(For Professional Growers.)

Display 15 varieties

- 1st Prem. Geo. J. Kellogg & Son.
- 2nd Prem. Pioneer Fruit Farm.
- 3rd Prem. William Fox.

Display 10 varieties.

- 1st Prem. Geo. J. Kellogg & Son.
- 2nd Prem. Pioneer Fruit Farm.
- 3rd Prem. William Fox.

Display 5 varieties.

- 1st Prem. Geo. J. Kellogg & Son.
- 2nd Prem. Pioneer Fruit Farm.
- 3rd Prem. William Fox.

Canes.

Brighton.

- 1st Prem. William Fox.
- 2nd Prem. Geo. J. Kellogg & Son.

Concord.

- 1st Prem. William Fox.
- 2nd Prem. Geo. J. Kellogg & Son.

Delaware.

1st Prem. Pioneer Fruit Farm.

Moore's Diamond.

1st Prem. William Fox.

Worden.

1st Prem. Geo. J. Kellogg & Son.

2nd Prem. Pioneer Fruit Farm

Single Plate.

Agawan.

1st Prem. Pioneer Fruit Farm.

2nd Prem. Geo. J. Kellogg & Son.

Brighton.

1st Prem. William Fox.

2nd Prem. Geo. J. Kellogg & Son.

Concord.

1st Prem. Pioneer Fruit Farm.

1st Prem. William Fox.

Campbell Early.

1st Prem. Geo. J. Kellogg & Son.

Delaware.

1st Prem. Pioneer Fruit Farm.

2nd Prem. William Fox.

Green Mountain

1st Prem. William Fox.

2nd Prem. Geo. J. Kellogg & Son.

Lady.

1st Prem. William Fox.

Lady Washington.

1st Prem. William Fox.

Moore's Early.

- 1st Prem. William Fox.
- 2nd Prem. Geo. J. Kellogg.

Moore's Diamond.

- 1st Prem. William Fox.

McPike.

- 1st Prem. Geo. J. Kellogg & Son.
- 2nd Prem. William Fox.

Niagara.

- 1st Prem. Geo. J. Kellogg & Son.
- 2nd Prem. Pioneer Fruit Farm.

Salem.

- 1st Prem. William Fox.

Worden.

- 1st Prem. Pioneer Fruit Farm.
- 2nd Prem. Geo. J. Kellogg & Son.

Wilder.

- 1st Prem. William Fox.
- 2nd Prem. Geo. J. Kellogg & Son.

Grapes.

(For Amateurs.)

Display 15 varieties.

- 1st Prem. Mrs. Robert Ramsey.
- 2nd Prem. Geo. Jeffery.

Display 10 varieties.

- 1st Prem. Mrs. Robert Ramsey.
- 2nd Prem. J. S. Palmer.
- 3rd Prem. Geo. Jeffery.

Display 5 varieties.

- 1st Prem. Mrs. Robert Ramsey.
- 2nd Prem. J. S. Palmer.
- 3rd Prem. Fremont Lounsbury.

Canes.

1st Prem.Mrs. Robert Ramsey.
 2nd Prem.Fremont Lounsbury.

Concord.

1st Prem.^sMrs. Robert Ramsey.
 2nd Prem.Fremont Lounsbury.

Delaware.

1st Prem.Mrs. Robert Ramsey.

Worden.

1st Prem.Mrs. Robert Ramsey.
 2nd Prem.J. S. Palmer.

Single Plate.**Agawan.**

1st Prem.Mrs. Robert Ramsey.

Brighton.

1st Prem.Mrs. Robert Ramsey.
 2nd Prem.J. S. Palmer.

Concord.

1st Prem.Mrs. Robert Ramsey.
 2nd Prem.Geo. Jeffery.

Campbell Early.

1st Prem.Geo. Jeffery.

Delaware.

1st Prem.Mrs. Robert Ramsey.
 2nd Prem.Geo. Jeffery.

Green Mountain.

1st Prem.Geo. Jeffery.

Lady.

1st Prem.J. S. Palmer.

Moore's Early.

- 1st Prem.J. S. Palmer.
- 2nd Prem.....Mrs. Robert Ramsey.

Moore's Diamond.

- 1st Prem.J. S. Palmer.

Niagara.

- 1st Prem.Mrs. Robert Ramsey.
- 2nd Prem.J. S. Palmer.

Worden.

- 1st Prem.Fremont Lounsbury.
- 2nd Prem.Mrs. Robert Ramsey.

Wilder.

- 1st Prem.Mrs. Robert Ramsey.
- 2nd Prem.Geo Jeffery.

PLANTS AND FLOWERS.

Judge.

Walter J. Moyle, Union Grove, Wis.

Professional Florists.

Collection of Greenhouse Plants.

- 1st Prem.Currie Bros., Milwaukee, Wis.
- 2nd Prem.John Dunlop, Wauwatosa, Wis.
- 3rd Prem.Alexander Klokner, Wauwatosa, Wis.

Display of Palms.

- 1st Prem.Currie Bros.
- 2nd Prem.John Dunlop.
- 3rd Prem.Alexander Klokner.

Display of Ferns.

1st Prem.	.....	Currie Bros.
2nd Prem.	.....	John Dunlop.
3rd Prem.	Alexander Klokner.

Greenhouse Plants in Bloom.

1st Prem.	John Dunlop.
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Foliage Plants.

1st Prem.	Currie Bros.
2nd Prem.	John Dunlop.

Carnations in Bloom.

1st Prem.	John Dunlop.
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Geraniums in Bloom

1st Prem.	John Dunlop.
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 Cut Flowers.

Display of Wild Flowers.

1st Prem.	H. W. Koerner, Milwaukee, Wis.
2nd Prem.	John Dunlop.
3rd Prem.	.....	Alexander Klokner.

Display Hardy Phlox.

1st Prem.	.....	Currie Bros.
2nd Prem.	.....	H. W. Koerner.
3rd Prem.	.....	John Dunlop.

Floral Design.

1st Prem.	.....	Alexander Klokner.
2nd Prem.	.....	John Dunlop.

Basket of Flowers.

1st Prem.	.....	John Dunlop.
2nd Prem.	.....	Alexander Klokner.

Display of Cut Flowers.

1st Prem.	.....	Alexander Klokner.
2nd Prem.	.....	H. W. Koerner.

Display of Pansies.

1st Prem. William Toole, Baraboo, Wis.

Display of Carnations.

1st Prem. John Dunlop

Display of Lilies.

1st Prem. John Dunlop.

2nd Prem. Currie Bros

Display of Dahlias.

1st Prem. Currie Bros.

2nd Prem. H. W. Koerner.

Display of Cannas.

1st Prem. Currie Bros.

2nd Prem. John Dunlop.

Display of Asters

1st Prem. William Toole.

2nd Prem. John Dunlop.

Display of Gladiolus.

1st Prem. Currie Bros.

2nd Prem. H. W. Koerner.

Bouquet.

1st Prem. John Dunlop.

2nd Prem. H. W. Koerner.

Display of Golden Glow.

1st Prem. Currie Bros.

2nd Prem. John Dunlop.

Decorative Grasses.

1st Prem. H. W. Koerner.

2nd Prem. Currie Bros.

ANNUAL REPORT OF THE

For Amateurs Only.

Collection of Greenhouse Plants.

1st Prem.	.....Mrs. C. E. Strong, West Allis, Wis.
2nd Prem.	.....Mrs. S. W. Poppe, Milwaukee, Wis.
3rd Prem.	.....D. T. Pilgrim, Wauwatosa, Wis.

Foliage Plants.

1st Prem.	.....D. T. Pilgrim.
2nd Prem.	.....Mrs. S. W. Poppe.

Display of Ferns.

1st Prem.	.....D. T. Pilgrim.
2nd Prem.	.....L. Atkins, Milwaukee, Wis.

Cut Flowers

Display of Cut Flowers.

1st Prem.	.....Mrs. W. L. Barnes, Waupaca, Wis.
2nd Prem.	.....D. T. Pilgrim.
3rd Prem.	.....Mrs. Thomas Bowes, Beaver Dam, Wis.

Display of Wild Flowers.

1st Prem.	.....Mrs. A. J. White, Brookfield, Wis.
2nd Prem.	.....D. T. Pilgrim.
3rd Prem.	.....Isabel Clapp, Wauwatosa, Wis.

Display of Hardy Phlox.

1st Prem.	.....D. T. Pilgrim.
2nd Prem.	.....Mrs. Thomas Bowes.
3rd Prem.	.....Mrs. L. W. Barnes.

Display of Dahlias

1st Prem.	.....Mrs. L. W. Barnes.
2nd Prem.	.....Mrs. Thomas Bowes.
3rd Prem.	.....D. T. Pilgrim.

Floral Design.

1st Prem.	.....Mrs. L. W. Barnes.
2nd Prem.	.....Isabel Clapp.

Basket of Flowers.

- 1st Prem.D. T. Pilgrim.
 2nd Prem.Mrs. C. E. Strong.

Display of Roses.

- 1st Prem.D. T. Pilgrim.
 2nd Prem.Mrs. L. W. Barnes.

Display of Pansies.

- 1st Prem.Mrs. L. W. Barnes.
 2nd Prem.Isabel Clapp.

Display of Verbenas.

- 1st Prem.D. T. Pilgrim.
 2nd Prem.Mrs. L. W. Barnes.

Display of Asters.

- 1st Prem.D. T. Pilgrim.
 2nd Prem.Mrs. L. W. Barnes.

Display of Gladiolus.

- 1st Prem.Mrs. L. W. Barnes.
 2nd Prem.D. T. Pilgrim.

Display of Hardy Carnations.

- 1st Prem.Mrs. Thomas Bowes.
 2nd Prem.D. T. Pilgrim.

Display of Golden Glow.

- 2nd Prem.D. T. Pilgrim.
 1st Prem.Mrs. Thomas Bowes.

Decorative Grasses.

- 1st Prem.Carol Clapp, Wauwatosa, Wis.
 2nd Prem.Isabel Clapp.

Pair of Bouquets.

- 1st Prem.Mrs. L. W. Barnes.
 2nd Prem.D. T. Pilgrim.

Display of Dianthus.

- 1st Prem.Mrs. L. W. Barnes.

ANNUAL REPORT OF THE

Display of Double Petunias.

1st Prem.	Mrs. L. W. Barnes.
2nd Prem.	D. T. Pilgrim.

Display of Single Petunias.

1st Prem.	Mrs. L. W. Barnes.
2nd Prem.	D. T. Pilgrim.

Display of Sweet Peas.

1st Prem.	Mrs. L. W. Barnes.
2nd Prem.	D. T. Pilgrim.

Display of Phlox Drumondi.

1st Prem.	Mrs. L. W. Barnes.
2nd Prem.	D. T. Pilgrim.

Display of Cannas.

1st Prem.	Mrs. Thomas Bowes.
2nd Prem.	Mrs. L. W. Barnes.

Display of Zinnias.

1st Prem.	Mrs. L. W. Barnes.
2nd Prem.	D. T. Pilgrim.

DAIRY DEPARTMENT.

BUTTER.

Judge.

D. C. Wolverton, Chicago, Ill.

Scores of the Butter Exhibitors.

Creamery Butter

Adams, Robert L.	93 $\frac{3}{4}$
Anderson, Alfred.	90
Anderson, F. E.	92
Boes, W. L.	87 $\frac{1}{2}$
Borne, Fred W.	92

Bartling, Fred.....	92½
Beers, E. L.....	92
Bartelt, F. W.....	93
Bauer, J. A.....	93
Boettcher, J. E.....	95
Bolstad, L. L.....	92
Bowar, Frank.....	92
Blumenstein, Frank.....	92
Bursch, B. G.....	91
Boldt, William C.....	93
Carswell, Thomas.....	91
Clark, W. J., highest score.....	97
Chapin, C. J.....	93½
Cobb, Ernest.....	94¾
Christison, Walter.....	90
Cook, S. B.....	92½
Cole, A.....	92
Dabareiner, J. F.....	90
Dack, L. J.....	94
Dabareiner, L.....	92
Donner, Henry.....	92
Dubury, E. L.....	93
Engbretson, Martin.....	93
Feind, W. J.....	95¾
Fraser, A. J.....	92
Gilbert, C. T.....	93
Galloway, Geo.....	91
Goodchild, L. A.....	92
Gerlash, C.....	93
Grimm, Ferd.....	91
Guelzow, A. F.....	91½
Haag, William.....	93
Hamman, Frank.....	90
Hansen, Ole.....	90
Harms, F. H.....	93
Henderson, J. T.....	93
Humphrey, Geo. G.....	90
Huth, F. W.....	93
Hyne, W. J.....	92
Jackson, J. J.....	93
Knoke, O. E.....	93
Kielsmeier, Otto A.....	90

Koepsell, M. G.....	90 $\frac{3}{4}$
Krohn, William F.	95
Lewis, Herman	92
Langhilde, C. F.	91
Lund, W.	90 $\frac{1}{2}$
Mason, J. C.	92
McLane, A. E.	93
McCormick, F. E.	94
McCormick, Otto R.	93
Melendy, E. B.	96
Meyers, Walter	93 $\frac{3}{4}$
Mullen, Geo.	91
Nielson, G. H.	92
Niederhauser, Fritz	94
O'Neill, Thomas	91
Peterson, Geo. E.	93
Paddock, E. A.	91
Passmore, C. L.	94
Post, J. C.	92
Peterson, P. C.	90
Prust, Chas. H.	93
Roan, Ben	92
Sass, Charles	93 $\frac{1}{2}$
Senz, Carl G.	92
Sheldon, D. A.	90 $\frac{1}{2}$
Shepherd, Frank	96 $\frac{1}{2}$
Siggelkow, E. A.	90
Snyder, F. E.	92
Sweet, Lucius C.	91
Viergutz, F. A.	92
Voigt, W. A.	93
Wallace, Hugh	89
Warner, T. J.	93
Weber, J. C.	91
Weisensel, J.	93
Weber, J. F.	93 $\frac{1}{2}$
Wileman, A. J.	93
Wunsch, J.	93 $\frac{1}{2}$
Yates, A. N.	92 $\frac{1}{2}$
Zimmerman, A. W.	93

Creamery Prints.

Boettcher, J. E.	93
Blumenstein, Frank	92
Clark, W. J.	93
Chapin, C. J.	93
Goodchild, L. A.	92
Haag, William	93
Huth, F. W.	92
Hyne, W. J.	91
Kielsmeier, Otto A.	90
Krohn, William F., highest score.....	94
Langhilde, C. F.	90
McLane, A. E.	92
Mullen, Geo.	93
O'Neill, Thomas	92
Paddock, E. A.	91
Warner, T. J.	92

Dairy Butter.

Curtis, Mrs. S. J.	90
Curtis, Irene	91
Czamanske, E. J.	90½
Danielson, Mrs. D.	88
Gordon, J. Ray	89
Kielsmeier, Otto A.	91
Lehman, Mrs. A. W., highest score.....	91½
Lindley, Frank J.	90
McRostie, Mrs. J. H.	90
Morner, Aug. G.	91
Murphy Bros.	91
Nicholson, Mrs. H. J.	91
Pilgrim, J. H.	90
Staples, Mrs. L. T.	89
Sweeney, Mrs. William	91

Dairy Prints.

Curtis, Mrs. S. J.	90
Curtis, Irene	91
Czamanske, E. J.	91
Kielsmeier, Otto A.	91
Lehman, Mrs. A. W., highest score.....	91½
McRostie, Mrs. J. H.	90
Staples, Mrs. L. T.	89
Sweeney, Mrs. William	91

Cheese.

Judges.

American Cheese, R. A. Horton, Fond du Lac, Wis.
Foreign Cheese, Fred Marty, Monroe, Wis.

Scores of the Cheese Exhibits.

Cheddars.

Backman, J. F.....	91½
Kaspar, P. H, highest score.....	96
Kielsmeier, Otto A.....	95
Vogt, Gerrie J.....	94
Vogt, John.....	94
Winder, William.....	91½

Flats or Daisies.

Austin, H. W.....	94
Backman, J. F.....	89½
Baehler, Jacob.....	95
Blanck, Aug. H.....	94
Brandt, Aug.....	92
Bremmer, C. A.....	87½
Conrad, R.....	94½
Constantine, W. B.....	91
Cranston, P. E.....	95
Douma, M. G.....	91½
Engelland, W. F.....	87
Failey, O. L.....	93
Falk, Emil.....	95
Flynn, F. A.....	86
Frazer, Geo. W.....	92½
Ganschow, R. C.....	96
Gentilly Dairy Association.....	95
Gremke, O. F.....	95½
Grimm, Arnold.....	91
Hadler, Fred.....	96¾
Henseler, Anton.....	92½

Hoeffner, John.....	90
Hughes, M. W.....	90½
Kaspar, P. H.....	96½
Kielsmeier, Otto A.....	96
Koopman, Albert C., Jr.....	86
Kraak, Chris.....	86
Kreul, Geo. W.....	92
Knoke, A. H.....	94½
Lord, John.....	93
Mahlik, M. J.....	93
Matzwick, G. M.....	89
Meyer, Math.....	92
Naumann, Robert.....	96
Osborne, Matt.....	96
Pipal, Van W.....	96
Possley, N. E.....	81
Priebe, H. W.....	91
Radtke, A. R.....	94
Roegner, Arthur.....	93½
Roycraft, A. J.....	85
Stanton, W. O, highest score.....	97
Siggelkow, E. O.....	95½
Schwingel, F. P.....	86
Stettler, J. A.....	90
Theisen, Jacob.....	92½
Ubbelohde, T. A.....	93½
Vogt, Gerrie J.....	95
Vogt, John.....	95
Westphal, A. F.....	95½
Wilkowski, H. A.....	83
Wismer, Frank.....	93
Wunsch, Edward.....	94½
Wallace, Pat.....	93½

Young America.

Conrad, R., highest score.....	98
Douma, M. G.....	93½
Falk, Emil.....	94½
Kielsmeier, Otto A.....	94½
Kalk, Herbert A.....	96½
Mrotek, Peter.....	94½
Mueller, H. L.....	93
Wunsch, Edward.....	94½

Prints.

Gremer, P. E., highest score.....	96
Randall, G. F.....	92

Brick.

Anderegg, Casper.....	92½
Brinkman, C. F.....	93
Elmer, John H. & Son.....	93½
Ganschow, R. C.....	85½
Hasse, Louis.....	93½
Muehleisen, G., highest score.....	96
Radloff, Max E.....	93½
Reid, J. J.....	92
Spefs, Frank.....	94
Stauffacher & Roth.....	92
Westphal, A. F.....	93½

Swiss.

Elmer, John H. & Son, highest score.....	93½
Erb, Sam.....	92½
Leuder, Fred.....	87½
Schaller, Alex.....	87½
Stauffacher & Roth.....	85
Vogel, Gotlieb.....	84½
Wittwer, Ed & Bro.....	90½

Limburger.

Blaser, Fred.....	93
Beller, Chris.....	92½
Elmer, John & Son, highest score.....	95½
Ganschow, R. C.....	88
Stauffacher & Roth.....	90

ART.

Judge.

Frank Phoenix, Chicago, Ill.

Oil Paintings.

Portrait or Figure.

- 1st Prem.....Ina Lean, Waukesha, Wis.
- 2nd Prem.....Albert Elsner, Jr., Milwaukee, Wis.
- 3rd Prem.....Ruth R. Shults, Whitewater, Wis.

Landscape or Marine.

- 1st Prem.....Albert Elsner.
- 2nd Prem.....Peter Rotier, Milwaukee, Wis.
- 3rd Prem.....Tom Busalachi, Milwaukee, Wis.

Still Life, Fruit or Flower.

- 1st Prem.....Ina Lean.
- 2nd Prem.....Albert Elsner, Jr.
- 3rd Prem.....Peter Rotier.

Water Colors.

Portrait or Figure.

- 1st Prem.....Mrs. John E. Winn, Milwaukee, Wis.

Landscape or Marine.

- 1st Prem.....Albert Elsner, Jr.
- 2nd Prem.....Ruth R. Shults.
- 3rd Prem.....Anna Reiter, Milwaukee, Wis.

Still Life, Fruit or Flower.

- 1st Prem.....Albert Elsner, Jr.
- 2nd Prem.....Ruth R. Shults.
- 3rd Prem.....Mrs. Henry Arends, Milwaukee, Wis.

Pastels.

Portrait or Figure.

- 1st Prem.....Peter Rotier.
 2nd Prem.....Eleanor C. Hansen, Milwaukee, Wis.

Landscape or Marine.

- 1st Prem.....Albert Elsner, Jr.
 2nd Prem.....Anna Reiter.
 3rd Prem.....Peter Rotier.

Still Life, Fruit or Flower.

- 1st Prem.....Mrs. A. Kingsbury, Beaver Dam, Wis.
 2nd Prem.....Ruth R. Shults.

Drawings.

Study Head.

- 1st Prem.....Albert Elsner, Jr.
 2nd Prem.....Tom Busalachi.
 3rd Prem.....Peter Rotier.

Drawings from cast.

- No first.
 2nd Prem.....Ruth R. Shults.

Pen and Ink.

- No first.
 No. second.
 3rd Prem.....Louise L. Dorr, Milwaukee, Wis.

Bas Relief.

- 1st Prem.....Anthony Spalthoff, Milwaukee, Wis.

Copied Direct From Originals.

Portrait in Oil.

- 1st Prem.....Ina Lean.

Landscape in Oil.

- 1st Prem.....Mrs. W. P. Wegner, Milwaukee, Wis.
 2nd Prem.....George Diesch, Milwaukee, Wis.

Still Life in Oil.

- 1st Prem.....George Diesch.
 2nd Prem.....Mrs. Jennie Grover, Milwaukee, Wis.

Water Color.

- 1st Prem.....Mrs. John E. Winn.

Crayon or Charcoal Drawing.

- 1st Prem.....Julia Bauman, Milwaukee, Wis.
 2nd Prem.....Mrs. W. P. Wegner.

Photographs.

.....
 Collection.

- 1st Prem.....Ruth R. Shults.
 2nd Prem.....Anna Reiter.
 3rd Prem.....Lillian Zimmerman, Milwaukee, Wis.

Wood Carving.

- 1st Prem.....Anthony Spalthoff.
 2nd Prem.....August H. Wernick, De Forest, Wis.

Pyrography, Wood.

- 1st Prem.....Minnie Dykins, Milwaukee, Wis.
 2nd Prem.....Mrs. W. Hetlesaeter, Milwaukee, Wis.
 3rd Prem.....Mrs. A. Kingsbury.

Pyrography, Velvet.

- No first.
 2nd Prem.....Mrs. W. Hetlesaeter.

China Painting.**For Professionals.****Bon Bon Dish.**

1st Prem.....	Clara Bodden, Milwaukee, Wis.
2nd Prem.....	Minnie Dykins

Candle Stick.

1st Prem.....	Mrs. J. W. Cutler, Milwaukee, Wis.
2nd Prem.....	Minnie Dykins.

Fernery.

1st Prem.....	Mrs. J. W. Cutler, Milwaukee, Wis.
2nd Prem.....	Clara Bodden.

Olive Dish.

1st Prem.....	Mrs. P. M. Kynaston, Milwaukee, Wis.
2nd Prem.....	Mrs. J. W. Cutler.

Single Piece.

1st Prem.....	Luella Cooke.
2nd Prem.....	Lucile Cooke, Milwaukee, Wis.

Tea Caddy.

1st Prem.....	Luella Cooke.
2nd Prem.....	Jenny C. Lloyd, Milwaukee, Wis.

Brush and Comb Tray.

1st Prem.....	Mrs. L. E. Greenleaf, Milwaukee, Wis.
2nd Prem.....	Jenny C. Lloyd.

Chocolate Pot.

1st Prem.....	Jenny C. Lloyd.
2nd Prem.....	Mrs. L. E. Greenleaf.

Chop Dish.

1st Prem.....	Luella Cooke.
2nd Prem.....	Mrs. J. W. Cutler.

Cracker Jar.

1st Prem.....	Luella Cooke.
2nd Prem.....	Minnie Dykins,

Cream and Sugar Set.

- 1st Prem.....Clara Bodden.
2nd Prem.....Jenny C. Lloyd.

Jelly or Marmalade Jar.

- 1st Prem.....Phebe S. Wilbur, Milwaukee, Wis.
2nd Prem.....Jenny C. Lloyd.

Lemonade Pitcher.

- 1st Prem.....Jenny C. Lloyd.
2nd Prem.....Luella Cooke.

Nut Bowl.

- 1st Prem.....Mrs. P. A. Chase, Milwaukee, Wis.
2nd Prem.....Luella Cooke.

Salad Dish.

- 1st Prem.....Phebe S. Wilbur.
2nd Prem.....Minnie Dykins.

Bread and Butter Plates.

- 1st Prem.....Mrs. W. F. Borges, Milwaukee, Wis.
2nd Prem.....Mrs. P. M. Kynaston.

Conventional Plates.

- No first.
2nd Prem.....Luella Cooke.

Fruit Plates.

- 1st Prem.....Mrs. L. E. Greenleaf.
2nd Prem.....Jenny C. Lloyd.

Cups and Saucers.

- 1st Prem.....Lucile Cooke.
2nd Prem.....Mrs. J. W. Cutler.

Stein or Goblet.

- 1st Prem.....Jenny C. Lloyd.
2nd Prem.....Mrs. W. F. Borges

Tankard.

- 1st Prem.....Lucile Cooke
2nd Prem.....Mrs. P. M. Kynaston.

ANNUAL REPORT OF THE

Tete-a-Tete Set.

1st Prem.....Jenny C. Lloyd.

Tete-a-Tete Tray.

1st Prem.....Mrs. L. E. Greenleaf.

Tobacco Jar.

1st Prem.....Lucile Cooke.

2nd Prem.....Mrs. P. M. Kynaston.

Toilet Set.

1st Prem.....Clara Bodden.

2nd Prem.....Jenny C. Lloyd.

Vase.

1st Prem.....Clara Bodden.

2nd Prem.....Luella Cooke.

Jardiniere.

1st Prem.....Jenny C. Lloyd.

2nd Prem.....Minnie Dykins.

Miniature.

1st Prem.....Clara Bodden.

2nd Prem.....Lucile Cooke.

Punch Bowl.

1st Prem.....Phebe S. Wilbur.

2nd Prem.....Mrs. W. F. Borges.

Claret Jug.

1st Prem.....Mrs. P. M. Kynaston.

Berry Bowl.

1st Prem.....Jenny C. Lloyd.

2nd Prem.....Mrs. J. W. Cutler.

Orange Bowl.

1st Prem.....Mrs. F. V. McBeath, Milwaukee, Wis.

2nd Prem.....Minnie Dykins.

Lunch Plates.

- 1st Prem.....Mrs. W. F. Borges.
2nd Prem.....Mrs. L. E. Greenleaf.

Bouillon Cup and Saucer.

- 1st Prem.....Jenny C. Lloyd.
2nd Prem.....Lucile Cooke.

Sauce Dishes.

- 1st Prem.....Jenny C. Lloyd.
2nd Prem.....Mrs. H. W. Haskell, Milwaukee, Wis.

China Panel.

- 1st Prem.....Jenny C. Lloyd.

Collection.

- 1st Prem.....Phebe S. Wilbur.
2nd Prem.....Mrs. P. M. Kynaston.

China Painting.

For Amateurs.

Bon Bon Dish.

- 1st Prem.....Laura J. Lapham, Milwaukee, Wis.
2nd Prem.....Mrs. Henry Arends.

Cake Plate.

- 1st Prem.....Mrs. A. Kingsbury.
2nd Prem.....Laura J. Lapham.

Cup and Saucer.

- 1st Prem.....Mrs. H. S. Rice, Milwaukee, Wis.
2nd Prem.....Laura J. Lapham.

Mug.

- 1st Prem.....Mrs. Henry Arends.
2nd Prem.....Laura J. Lapham.

Olive Dish.

- 1st Prem.....Mrs. Henry Arends.
2nd Prem.....Mrs. Harry Butler, Milwaukee, Wis.

Pen or Pin Tray.

1st Prem.....	Mrs. A. Kingsbury.
2nd Prem.....	Mrs. Henry Arends.

Salt and Pepper Shakers.

1st Prem.....	Mrs. H. S. Rice.
2nd Prem.....	Mrs. Harry Butler.

Single Piece.

1st Prem.....	Mrs. A. Kingsbury.
2nd Prem.....	Laura J. Lapham.

Vase.

1st Prem.....	Laura J. Lapham.
2nd Prem.....	Mrs. Henry Arends.

Cream and Sugar Set.

1st Prem.....	Laura J. Lapham.
2nd Prem.....	Mrs. Harry Butler.

Set of Plates.

No first.	
2nd Prem.....	Laura J. Lapham.

Collection.

1st Prem.....	Mrs. Harry Butler.
2nd Prem.....	Laura J. Lapham.

WOMAN'S WORK.

Needle Work Division.

Judge.

Miss Dora Bunteschu, Milwaukee, Wis.

Drawn Work.

Pillow Shams.

- 1st Prem.....Mrs. Edgar C. Hoffman, Jefferson, Wis.
 2nd Prem.....Mrs. Henry Fischer, Jefferson, Wis.

Lunch Cloth.

- 1st Prem.....Mrs. Henry Fischer.
 2nd Prem.....Mrs. Susie Abert. Milwaukee, Wis.

Dollies.

- 1st Prem.....Mrs. Henry Fischer.
 2nd Prem.....Mrs. Edgar C. Hoffman.

Sideboard Cover.

- 1st Prem.....Mrs. Edgar C. Hoffman.
 2nd Prem.....Mrs. Henry Fischer.

Centerpiece.

- 1st Prem.....Mrs. Henry Fischer.
 2nd Prem.....Mrs. W. E. Langenberg, Stevens Point, Wis.

Tray or Carving Cloth.

- 1st Prem.....Mrs. Kingsbury, Beaver Dam, Wis.
 2nd Prem.....Mrs. Edgar C. Hoffman.

Pair Towels.

- 1st Prem.....Mrs. Edgar C. Hoffman.
 2nd Prem.....Mrs. Henry Fischer.

ANNUAL REPORT OF THE

Three Handkerchiefs.

- 1st Prem. Louise E. Wernick, De Forest, Wis.
 2nd Prem. Mrs. Edgar C. Hoffman.

Table Cloth and Napkins.

- 1st Prem. Mrs. Henry Fischer.
 2nd Prem. Mrs. Edgar C. Hoffman.

Shirt Waist.

- 2nd Prem. Mrs. Henry Fischer.

Collection of Drawn Work.

- 2nd Prem. Mrs. Edgar C. Hoffman.

Embroidery.

Table Cloth.

- 1st Prem. Etna M. Strohm, Milwaukee, Wis.
 2nd Prem. Minnie Dykins, Milwaukee, Wis.

Six Napkins.

- 1st Prem. Etna M. Strohm.
 2nd Prem. Minnie Dykins.

Pillow Shams.

- No first.
 2nd Prem. Mrs. W. E. Langenberg.

Lunch Cloth.

- 1st Prem. Etna M. Strohm.
 2nd Prem. Meta L. Baker, Washington, Ill.

Center Piece.

- 1st Prem. Laura Corbielle, Milwaukee, Wis.
 2nd Prem. Meta L. Baker.

Plate Dollies.

- 1st Prem. Mrs. Martin Dreyfus, Milwaukee, Wis.

Tumbler Doilies.

- 1st Prem. Mrs. R. H. Talbutt, Lexington, Ky.
 2nd Prem. Mrs. Martin Dreyfus.

Carving Cloth.

No first.
 2nd Prem. Meta L. Baker.

Tray Cloth.

1st Prem. Mrs. A. Kingsbury.
 2nd Prem. Meta L. Baker.

Sideboard Cover.

No first.
 2nd Prem. Mrs. Henry Fischer.

Mt. Mellick centerpiece.

1st Prem. Louise E. Wernick.
 2nd Prem. Mrs. Martin Dreyfus.

Mt. Mellick Lunch Cloth.

No first.
 2nd Prem. Viola Abert, Milwaukee, Wis.

Mt. Mellick shirt waist.

No first.
 2nd Prem. Louise E. Wernick.

Dress, English eyelet embroidery.

1st Prem. Mrs. Lydia E. Welsh, Milwaukee, Wis.
 2nd Prem. Mrs. Ed. O'Byrne, Watertown, Wis.

Shirt waist, English eyelet embroidery.

1st Prem. Viola Abert.
 2nd Prem. Mrs. Martin Dreyfus.

Dress, Hardanger embroidery.

No first.
 2nd Prem. Mrs. W. Hetlesaeter, Milwaukee, Wis.

Shirt waist, Hardanger embroidery.

1st Prem. Mrs. Martin Dreyfus.
 2nd Prem. Mrs. Martin Dreyfus.

Collar and cuffs, Hardanger embroidery

No first.
 2nd Prem. Emma J. Davis, Brandon, Wis.

Table cover, Hardanger embroidery.

- 1st Prem.Mrs. Martin Dreyfus.
 2nd Prem.Mrs. S. L. Nelson, Milwaukee, Wis.

Dresser scarf, Hardanger embroidery.

- 1st Prem.Mrs. W. Hetlesaeter.
 2nd Prem.Mrs. William Peters, Wonewoc, Wis.

Sofa pillow, Hardanger embroidery.

- 1st Prem.Mrs. W. E. Langenberg.
 2nd Prem.Mrs. W. Hetlesaeter.

Pin cushion, Hardanger embroidery.

- 1st Prem.Mrs. Henry Fischer.
 2nd Prem.Louise E. Wernick.

Laundry bag, Hardanger embroidery.

- 1st Prem.Mrs. W. E. Langenberg.

Fancy hood or cap, Hardanger embroidery.

- 1st Prem.Mrs. W. E. Langenberg.

Centerpiece, Hedebo or Danish embroidery.

- No first.
 2nd Prem.Mrs. R. H. Talbutt.

Table cover, cross stitch or kloster.

- 1st Prem.Mrs. R. Smith, Milwaukee, Wis.
 2nd Prem.Mrs. W. Hetlesaeter.

Embroidered collar and cuffs.

- 1st Prem.Meta L. Baker.
 2nd Prem.Mrs. Martin Dreyfus

Shirt waist, shadow embroidery.

- 1st Prem.Louise E. Wernick.
 2nd Prem.Mrs. Susie Abert.

Corset cover, shadow embroidery.

- No first.
 2nd Prem.Mrs. C. G. Porter, Wauwatosa, Wis.

Three embroidered handkerchiefs.

- No first.
 2nd Prem.Mrs. R. H. Talbutt.

Embroidered corset cover.

- No first.
 2nd Prem.Mrs. Susie Abert.

Baby Pillow.

- 1st Prem.Mrs. W. P. Wegner, Milwaukee, Wis.
 2nd Prem.Viola Abert.

Mosaic Pillow.

- 1st Prem.Mrs. B. Wichser, N. Greenfield, Wis
 2nd Prem.Mrs. B. Wichser.

Cross stitch or kloster pillow.

- 1st Prem.Mrs. W. Hetlesaeter.
 2nd Prem.Mrs. Susie Abert.

Poster pillow

- 1st Prem.Mrs. W. P. Wegner.
 2nd Prem.Mrs. S. W. Poppe, Milwaukee, Wis

Embroidered pillow.

- 1st Prem.Mrs. Edgar C. Hoffman.
 2nd Prem.Viola Abert.

Lace.

Battenburg centerpiece.

- 1st Prem.Minnie Dykins.
 2nd Prem.Mrs. H. D. Broker, Milwaukee, Wis

Battenburg dresser scarf.

- 1st Prem.Mrs. Amanda Pagels, Milwaukee, Wis.
 2nd Prem.Mrs. H. E. Davis, Milwaukee, Wis.

Battenburg curtains.

- 1st Prem.Mrs. Susie Abert.
 2nd Prem.Mrs. H. Rahte, Milwaukee, Wis.

Battenburg Lunch Cloth.

1st Prem.	.....	Mrs. H. D. Broker.
2nd Prem.	.....	Meta L. Baker.

Battenburg yoke or collar.

1st Prem.	.....	Mrs. Amanda Pagels.
2nd Prem.	.....	Louise E. Wernick.

Point lace yoke or collar.

1st Prem.	.....	Mrs. Henry Fischer.
2nd Prem.	.....	Mrs. H. E. Davis.

Point lace or Honiton Doilies.

1st Prem.	.....	Mrs. A. Kingsbury.
2nd Prem.	.....	Mrs. H. D. Broker.

Point lace or Honiton handkerchiefs.

1st Prem.	.....	Mrs. A. Talbert, Stevens Point, Wis.
2nd Prem.	.....	Mrs. H. Rahte.

Honiton centerpiece

1st Prem.	.....	Mrs. H. E. Davis.
2nd Prem.	.....	Mrs. Lydia E. Welsh.

Tatting handkerchief.

1st Prem.	.....	Meta L. Baker.
2nd Prem.	.....	Louise E. Wernick.

Tatting collar.

1st Prem.	.....	Mrs. S. W. Poppe.
2nd Prem.	.....	Mrs. Martin Dreyfus.

Tatting Doilies.

1st Prem.	.....	Mrs. Susie Abert.
2nd Prem.	.....	Mrs. Henry Fischer.

Netted lace handkerchief.

No first.		
2nd Prem.	.....	Viola Abert.

Netted lace and doilies.

1st Prem.	.....	Meta L. Baker.
2nd Prem.	.....	Mrs. John R. Boshardt, Chilton, Wis.

Hand-made lace.

- 1st Prem.Mrs. Susie Abert.
2nd Prem.Minnie Dykins.

Child's Bonnet.

- 1st Prem.Meta L. Baker.
2nd Prem.Mrs. Susie Abert.

Collection of hand-made handkerchiefs.

- 1st Prem.Mrs. Susie Abert.
2nd Prem.Louise E. Wernick.

Knitting.

Shawl.

- 1st Prem.Mrs. W. E. Langenberg.

Fascinator.

- 1st Prem.Mrs. Henry Fischer.
2nd Prem.Mrs. Martin Dreyfus

Silk mittens.

- 1st Prem.Meta L. Baker.
2nd Prem.Louise E Wernick.

Baby socks and shoes.

- 1st Prem.Mrs. L. C. Huckstep, Bowling Green, Mo.
2nd Prem.Mrs. Henry Fischer.

Fancy hood or cap.

- 1st Prem.Mrs. S. W. Poppe.
2nd Prem.Mrs L. C. Huckstep.

Two or more yards of lace

- 1st PremMrs. L. C. Huckstep.
2nd Prem.Mrs. L. W. Barnes, Waupaca, Wis.

Slippers or shoes.

- 1st Prem.Mrs. L. C. Huckstep.
2nd Prem.Mrs. H. P. Weissenborn, Milwaukee, Wis.

Wool mittens.

- 1st Prem.....Mrs. John Hans, Jefferson, Wis.
 2nd Prem.....Meta L. Baker.

Wool gloves.

- 1st Prem.....Mrs. L. C. Huckstep.
 2nd Prem.....Mrs. Susie Abert.

Wool leggins.

- 1st Prem.....Mrs. Susie Abert.
 2nd Prem.....Mrs. L. Yanke, Waukesha, Wis.

Wool stockings.

- 1st Prem.....Mrs. John Hans.
 2nd Prem.....Mrs. C. G. Lee, Baraboo, Wis.

Wool socks.

- 1st Prem.....Mrs. A. Kingsbury.
 2nd Prem.....Mrs. L. C. Huckstep.

Lady's skirt.

- 1st Prem.....Mrs. Henry Fischer.
 2nd Prem.....Mrs. Susie Abert.

Child's skirt.

- 1st Prem.....Mrs. Henry Fischer.

Lounge or carriage robe.

- No first.
 2nd Prem.....Mrs. W. Hetlesaeter.

Counterpane.

- 1st Prem.....Mrs. Albert Krause, Milwaukee, Wis.
 2nd Prem.....Mrs. Albert Krause.

 Crochet.

Child's bonnet.

- 1st Prem.....Louise E. Wernick.
 2nd Prem.....Mrs. L. C. Huckstep.

Shawl.

- 1st Prem. Mrs. Albert Krause.
 2nd Prem. Mrs. W. P. Wegner.

Fascinator.

- 1st Prem. Mrs. Henry Fischer.
 2nd Prem. Mrs. Susie Abert.

Baby's sack.

- 1st Prem. Mrs. L. C. Huckstep.
 2nd Prem. Mrs. Henry Fischer.

Lady's skirt.

- 1st Prem. Mrs. Henry Fischer.
 2nd Prem. Katie Schottola, Milwaukee, Wis.

Child's skirt.

- 1st Prem. Mrs. Susie Abert.
 2nd Prem. Mrs. Henry Fischer.

Slippers or shoes.

- 1st Prem. Viola Abert.
 2nd Prem. Mrs. L. C. Huckstep.

Baby socks or shoes.

- 1st Prem. Mrs. Susie Abert.
 2nd Prem. Meta L. Baker.

Lace or insertion.

- 1st Prem. Mrs. J. C. Davis.
 2nd Prem. Mrs. A. Talbert.

Lounge or carriage robe.

- 1st Prem. Meta L. Baker.
 2nd Prem. Della May, Milwaukee, Wis.

Curtains.

- No first.
 2nd Prem. Katie Schottola.

Counterpane.

- 1st Prem. Mrs. H. Kuehn, Milwaukee, Wis.
 2nd Prem. Mrs. J. C. Davis.

Domestic Manufacture.

Fancy purse.

1st Prem.....	Mrs. Susie Abert.
2nd Prem.....	Meta L. Baker.

Fancy apron.

1st Prem.....	Mrs. Henry Fischer.
2nd Prem.....	Meta L. Baker.

Child's apron.

1st Prem.....	Mrs. W. P. Wegner.
2nd Prem.....	Mrs. S. W. Poppe.

Mantel or piano scarf.

No first.	
2nd Prem.....	Meta L. Baker.

Shopping bag.

1st Prem.....	Mrs. S. W. Poppe.
2nd Prem.....	Mrs. L. C. Huckstep.

Necktie case.

1st Prem.....	Mrs. A. Kingsbury.
2nd Prem.....	Mrs. R. H. Talbutt.

Whisk broom holder.

1st Prem.....	Mrs. A. Kingsbury.
2nd Prem.....	Meta L. Baker.

Handkerchief case.

1st Prem.....	Mrs. R. H. Talbutt.
2nd Prem.....	Meta L. Baker.

Stocking bag.

1st Prem.....	Meta L. Baker.
2nd Prem.....	Mrs. A. Kingsbury.

Glove case.

1st Prem.....	Mrs. A. Kingsbury.
2nd Prem.....	Mrs. R. H. Talbutt.

Magazine holder.

No first.
 2nd Prem.....Meta L. Baker.

Laundry bag.

1st Prem.....Mrs. S. W. Poppe.
 2nd Prem.....Mrs. A. D. Stoppenbach, Milwaukee, Wis.

Pin Cushion.

1st Prem.....Viola Abert.
 2nd Prem.....Mrs. A. Kingsbury.

Fancy work basket.

1st Prem.....Louise E. Wernick.
 2nd Prem.....Mrs. A. Kingsbury.

Kitchen apron.

1st Prem.....Mrs. W. P. Wegner.
 2nd Prem.....Viola Abert.

Patched mending.

1st Prem.....Louise E. Wernick.
 2nd Prem.....Mrs. A. D. Stoppenbach.

Darned mending.

1st Prem.....Mrs. A. D. Stoppenbach.
 2nd Prem.....Louise E. Wernick.

Pieced quilt, quilted.

1st Prem.....Mrs. J. C. Brandel, Milwaukee, Wis.
 2nd Prem.....Mrs. A. D. Stoppenbach.

Silk log cabin quilt.

1st Prem.....Mrs. Thomas Bowes, Beaver Dam, Wis.
 2nd Prem.....Mrs. Caroline Federmeyer, Milwaukee, Wis.

Wool log cabin quilt.

No first.
 2nd Prem.....Mrs. A. D. Stoppenbach.

Silk puff or fancy quilt.

1st Prem.....Mrs. R. H. Talbutt.
 2nd Prem.....Mrs. Caroline Federmeyer.

Handmade rug.

- 1st Prem.....Mrs. Albert Krause.
 2nd Prem.....Mrs. L. W. Barnes.

Five yards rag carpet.

- 1st Prem.....Mrs. J. C. Brandel.
 2nd Prem.....Mrs. A. D. Stoppenbach.

 Children's Class.

Pillow shams.

- 1st Prem.....Marie Holman, Milwaukee, Wis.
 2nd Prem.....Lydia Wollenburg, Milwaukee, Wis.

Centerpiece and doilies.

- 1st Prem.....Josephine Stoppenbach, Milwaukee, Wis.
 2nd Prem.....Lydia Wollenburg.

Collection of doilies.

- 1st Prem.....Mary E. Pease, Wauwatosa, Wis.
 2nd Prem.....Lydia Wollenburg.

Dozen buttonholes.

- 1st Prem.....Elsie Mayer, Milwaukee, Wis.
 2nd Prem.....Marie Holman.

Hemstitching.

- 1st Prem.....Marie Holman
 2nd Prem.....Elsie Mayer.

Lace or insertion.

- 1st Prem.....Josephine Stoppenbach.
 2nd Prem.....Marie Holman.

Doll's outfit of clothes.

- 1st Prem.....Lydia Wollenburg
 2nd Prem.....Marie Holman.

Pin Cushion.

- 1st Prem.....Marie Holman.
 2nd Prem.....Lydia Wollenburg.

Sofa pillow.

- 1st Prem.....Josephine Stoppenbach.
 2nd Prem.....Elsie Mayer.

Specimen handwriting.

- 1st Prem.....Josephine Stoppenbach.
 2nd Prem.....Marie Holman.

Specimen burnt wood.

- 1st Prem.....Lydia Wollenburg.
 2nd Prem.....Josephine Stoppenbach.

Charcoal drawing.

- 1st Prem.....Marjorie W. Nethercut, Wauwatosa, Wis.
 2nd Prem.....Marjorie W. Nethercut.

Pencil drawing.

- 1st Prem.....Josephine Stoppenbach.

Pen and ink etching.

- 1st Prem.....Isabel Clapp, Wauwatosa, Wis.
 2nd Prem.....Mary E. Pease.

Water color.

- 1st Prem.....Josephine Stoppenbach.
 2nd Prem.....Lydia Wollenburg.

Pastel.

- 1st Prem.....Josephine Stoppenbach.
 2nd Prem.....Marjorie W. Nethercut.

Map of Wisconsin.

- 1st Prem.....Mary E. Pease.
 2nd Prem.....Isabel Clapp.

Culinary Division.

Judge.

Mrs. Jennie A. Jamison, Neenah, Wis.

White bread.

1st Prem.....Louise E. Wernick.
2nd Prem.....Mrs. W. P. Wegner.

Boston brown bread.

1st Prem.....Mrs. A. D. Stoppenbach.
2nd Prem.....Mrs. Lynn S. Pease, Wauwatosa, Wis.

Rye Bread.

1st Prem.....Mrs. L. Yanke, Waukesha, Wis.
2nd Prem.....Louise E. Wernick.

Grayham bread.

1st Prem.....Industrial School, Waukesha, Wis.
2nd Prem.....Mrs. J. B. Kynaston, Milwaukee, Wis.

Whole wheat bread.

No first.
2nd Prem.....Mrs. A. D. Stoppenbach.

Light rolls.

1st Prem.....Mrs. A. F. White.
2nd Prem.....Mrs. Thomas Bowes.

Baking powder biscuits.

1st Prem.....Mrs. L. Yanke.
2nd Prem.....Mrs. T. P. Leonard, Wauwatosa, Wis.

Yeast raised doughnuts.

1st Prem.....Mrs. Lynn S. Pease.
2nd Prem.....Mrs. C. E. Strong, West Allis, Wis.

Baking powder doughnuts.

- 1st Prem.....Mrs. Lynn S. Pease.
 2nd Prem.....Mrs. L. Yanke.

Loaf fruit cake.

- 1st Prem.....Mrs. E. L. Douville, West Allis, Wis.
 2nd Prem.....Mrs. Thomas Bowes.

Loaf nut cake.

- 1st Prem.....Mrs. L. Sheldon, Milwaukee, Wis.
 2nd Prem.....Mrs. John Hans, Jefferson, Wis.

Loaf angel cake.

- 1st Prem.....Mrs. W. P. Wegner.

Loaf sunshine cake.

- 1st Prem.....Mrs. L. Yanke.
 2nd Prem.....Mrs. W. P. Wegner.

Loaf date cake.

- No first.
 2nd Prem.....Mrs. William Sweeney, Fox Lake, Wis.

Loaf devil's food cake.

- 1st Prem.....Mrs. A. E. White, Brookfield, Wis.
 2nd Prem.....Mrs. L. Sheldon.

Layer chocolate cake.

- 1st Prem.....Mrs. L. Yanke.
 2nd Prem.....Mrs. T. P. Leonard.

Layer cocoanut cake.

- 1st Prem.....Mrs. W. P. Wegner.
 2nd Prem.....Mrs. A. F. White.

Layer orange cake.

- 1st Prem.....Mrs. L. Yanke.
 2nd Prem.....Mrs. William Sweeney.

Layer fig cake.

- 1st Prem.....Mrs. T. P. Leonard.
 2nd Prem.....Mrs. L. Yanke.

Layer cake with nut filling.

1st Prem.....	Mrs. T. P. Leonard.
2nd Prem.....	Mrs. L. Yanke.

White cookies.

1st Prem.....	Mrs. John Hans.
2nd Prem.....	Mrs. F. J. Granger, Calhoun, Wis.

Dark cookies.

1st Prem.....	Mrs. Thomas Bowes.
2nd Prem.....	Industrial School, Waukesha, Wis.

Rock cookies.

1st Prem.....	Mrs. A. LeFeber, West Allis, Wis.
2nd Prem.....	Mrs. A. F. White.

Apple pie.

1st Prem.....	Mrs. A. LeFeber.
2nd Prem.....	Mrs. L. Yanke.

Mince pie.

1st Prem.....	Mrs. E. L. Douville.
2nd Prem.....	Mrs. F. J. Granger.

Pumpkin pie.

1st Prem.....	Mrs. E. L. Douville.
2nd Prem.....	Mrs. L. Yanke.

Tarts.

1st Prem.....	Mrs. E. L. Douville.
2nd Prem.....	Mrs. A. F. White.

Baked beans.

1st Prem.....	Mrs. Thomas Bowes.
2nd Prem.....	Mrs. Lynn S. Pease.

Saratoga chips.

1st Prem.....	Mrs. S. W. Poppe.
2nd Prem.....	Mrs. L. Yanke.

Homemade candy.

1st Prem.....	Mrs. John Hans.
2nd Prem.....	Mrs. A. D. Stoppenbach.

Canned Fruit.

Peaches.

- 1st Prem.....Mrs. Thomas Bowes.
 2nd Prem.....Lizzie Mayer, Wauwatosa, Wis.

Native plums.

- 1st Prem.....Mrs. Louisa Wait, Beaver Dam, Wis.
 2nd Prem.....Mrs. Fremont Lounsbury, Watertown, Wis.

Currants.

- 1st Prem.....Mrs. John Hans.
 2nd Prem.....Mrs. Louisa Wait.

Tomatoes.

- 1st Prem.....Mrs. Fremont Lounsbury.
 2nd Prem.....Mrs. Thomas Bowes.

Gooseberries.

- 1st Prem.....Mrs. W. P. Wegner.
 2nd Prem.....Mrs. F. J. Granger.

Red raspberries.

- 1st Prem.....Mrs. L. Yanke.
 2nd Prem.....Mrs. Susie Abert.

Black raspberries.

- 1st Prem.....Mrs. Thomas Bowes.
 2nd Prem.....Mrs. W. P. Wegner.

Strawberries.

- 1st Prem.....Mrs. Edna Sinsel, Waukesha, Wis.
 2nd Prem.....Mrs. L. Yanke.

Blackberries.

- 1st Prem.....L. Yanke.
 2nd Prem.....Mrs. Thomas Bowes.

Grapes.

- No first.
 2nd Prem.....Mrs. F. J. Granger.

ANNUAL REPORT OF THE

Pears.

1st Prem.....Mrs. Susie Abert.
 2nd Prem.....Mrs. Louisa Wait.

Cherries.

1st Prem.....Mrs. William Sweeney.
 2nd Prem.....Isabel Clapp.

Pineapple.

1st Prem.....Lizzie Mayer.
 2nd Prem.....Mrs. S. W. Poppe.

 Jelly.

Native plum.

1st Prem.....Mrs. Edna Sinsel.
 2nd Prem.....Mrs. A. LeFeber.

Currant.

1st Prem.....Isabel Clapp.
 2nd Prem.....Carol Clapp, Wauwatosa, Wis.

Red raspberries.

1st Prem.....Mrs. S. W. Poppe.
 2nd Prem.....Isabel Clapp.

Crab apple.

1st Prem.....Mrs. A. LeFeber.
 2nd Prem.....Carol Clapp.

Grape.

1st Prem.....Mrs. A. E. Schaub, West Allis, Wis.
 2nd Prem.....Mrs. Louisa Wait.

Quince.

No first.
 2nd Prem.....Mrs. S. W. Poppe.

Jam.

Raspberry.

- 1st Prem.....Mrs. Fremont Lounsbury.
2nd Prem.....Mrs. W. P. Wegner.

Blackberry.

- 1st Prem.....Mrs. S. W. Poppe.
2nd Prem.....Mrs. Fremont Lounsbury.

Strawberry.

- 1st Prem.....Mrs. Thomas Bowes.
2nd Prem.....Mrs. W. P. Wegner.

Native plum.

- 1st Prem.....Mrs. L. Yanke.
2nd Prem.....Mrs. S. W. Poppe.

Apple butter.

- 1st Prem.....Mrs. S. W. Poppe.
2nd Prem.....Mrs. W. P. Wegner.

Grape Marmalade.

- 1st Prem.....Mrs. Thomas Bowes.
2nd Prem.....Mrs. Louisa Wait.

Pickles.

Sweet apple.

- 1st Prem.....Mrs. Thomas Bowes.
2nd Prem.....Mrs. W. P. Wegner.

Crab apple.

- 1st Prem.....Mrs. John Hans.
2nd Prem.....Mrs. Louisa Wait.

Peach.

- 1st Prem.....Mrs. Thomas Bowes.
2nd Prem.....Mrs. Louisa Wait.

Pear.

1st Prem.....	Mrs. Lynn S. Pease.
2nd Prem.....	Mrs. Louisa Wait.

Ripe cucumbers, sweet.

No first.	
2nd Prem.....	Mrs. Thomas Bowes.

Cucumbers in olive oil.

1st Prem.....	Mrs. A. LeFeber.
2nd Prem.....	Mrs. F. J. Granger.

Pickled cauliflower.

1st Prem.....	Mrs. L. Yanke.
2nd Prem.....	Mrs. F. J. Granger.

Dill pickles.

1st Prem.....	Mrs. Susie Abert.
2nd Prem.....	Mrs. W. P. Wegner.

Sour pickles.

1st Prem.....	Mrs. A. LeFeber.
2nd Prem.....	Industrial School.

Onion pickles.

1st Prem.....	Mrs. Thomas Bowes.
2nd Prem.....	Mrs. L. Yanke.

Mustard pickles.

1st Prem.....	Industrial School.
2nd Prem.....	Mrs. Thomas Bowes.

Mixed pickles.

1st Prem.....	Mrs. L. Yanke.
2nd Prem.....	Mrs. Susie Abert.

Catsup.

1st Prem.....	Mrs. Thomas Bowes.
2nd Prem.....	Mrs. Fremont Lounsbury.

Best and largest exhibit.

1st Prem.....	Mrs. Thomas Bowes.
2nd Prem.....	Mrs. L. Yanke.

Girls' Culinary Class.

White bread.

1st Prem.....Elsie Mayer.
 2nd Prem.....Josephine Stoppenbach.

Baking powder biscuits.

No first.
 2nd Prem.....Carol Clapp.

Plain white cake.

1st Prem.....Carol Clapp.
 2nd Prem.....Josephine Stoppenbach.

Soft gingerbread.

No first.
 2nd Prem.....Lydia Wollenburg.

White cookies.

1st Prem.....Elsie Mayer.
 2nd Prem.....Josephine Stoppenbach.

Dark cookies.

No first.
 2nd Prem.....Josephine Stoppenbach.

Rock Cookies.

1st Prem.Mary E. Pease.
 2nd Prem.Carol Clapp.

Crab apple jelly.

1st Prem.Carol Clapp.
 2nd Prem.Elsie Meyer.

Currant jelly.

1st Prem.Carol Clapp.
 2nd Prem.Lydia Wollenburg.

Plum jelly.

1st Prem.Marie Holman.
 2nd Prem.Carol Clapp.

Home-made candy.

No first.
 2nd Prem.Josephine Stoppenbach.

EDUCATIONAL EXHIBIT.

 Judge

 Charles McKenny, Milwaukee, Wis.

 Section I.

Tilo matting and raffia work.

- 1st Prem. Lee Pearson, La Valle, Wis.
 2nd Prem. Iva Sloniker, La Valle, Wis.
 3rd Prem. Blanche Butterfield, La Valle, Wis.

Tracing fruit and leaves.

- 1st Prem. Dist. No. 8, Granville Wis.

Paper cutting, folding and weaving.

- 1st Prem. Rhiny Pagel, La Valle, Wis.
 2nd Prem. Dist. No. 1, Little Chute, Wis.
 3rd Prem. Leo Schmidt, Hortonville, Wis.

Sewing of forms of leaves, fruits and flowers.

- 1st Prem. Katie McCabe, La Valle, Wis.
 2nd Prem. Frances Sonsisky, La Valle, Wis.

Four pages best written quotations.

- 1st Prem. Glen Westphal, New London.

Mat weaving, card sewing and picture pasting.

- 1st Prem. Dist. No. 2, Greenville, Wis.
 2nd Prem. Clara Michalek, South Kaukauna, Wis.
 3rd Prem. Dist. No. 1, New London, Wis.

Section II.

Map of Wisconsin, showing railroad lines, etc.

- 1st Prem. Ignatz Fleischman, Seymour, Wis.
 2nd Prem. Army Tracy, Black Creek, Wis.

Spelling Tablet.

- 1st Prem. Pearl Claridge, Reedsburg, Wis.

Essay, Life of Abraham Lincoln.

- 1st Prem. Bessie Brewer, Boyceville, Wis.
 2nd Prem. Lizzie Stadler, Seymour, Wis.
 3rd Prem. Rosie Fuerst, Seymour, Wis.

Drawings of flowers, leaves and trees.

- 1st Prem. Star Lake School, Star Lake, Wis.
 2nd Prem. Dist. No. 8, Granville, Wis.
 3rd Prem. Hackley School, Hackley, Wis.

Outline map of each of the continents.

- 1st Prem. Star Lake School.
 2nd Prem. Mary J. Windish, Kenosha Wis.
 3rd Prem. Essie Barry, Baraboo, Wis.

Pieces of sewing, darning and knitting.

- 1st Prem. Pearl Claridge.

Four pages best written quotations.

- 1st Prem. Bessie Brewer.
 2nd Prem. Dora Schafer, Boyceville, Wis.
 3rd Prem. Edith Schafer, Boyceville, Wis.

Section III.

Note book in literature or composition.

- 1st Prem. Mary Kilsdonk, South Kaukauna, Wis.
 2nd Prem. Leo Van Roy, South Kaukauna, Wis.

Photographs of school house and grounds.

- 1st Prem. Sammy Martin, West Salem, Wis.
 2nd Prem. Dist. No. 1, Liberty, Wis.
 3rd Prem. Dist. No. 10, Grand Chute, Wis.

Drawings of heart, lungs, brain, liver.

- 1st Prem. Agnes Lentz, Boyceville, Wis.
 2nd Prem. Louisa Brechtl, Plain, Wis.

Drawings of eye, ear, and cross section of a long bone.

- 1st Prem. Agnes Lentz.
 2nd Prem. Myrtle Brewer, Richland Center, Wis.

Relief map of the United States.

- 1st Prem. Myrtle Brewer.

Map of Wisconsin, showing territorial growth.

- 1st Prem. Clara Pronold, Plain, Wis.
 2nd Prem. LeRoy Parks, Merrimac, Wis.
 3rd Prem. Dist. No. 1, Liberty, Wis.

Section IV.

Collection of named seeds, grown in Wisconsin.

- 1st Prem. Amasa Shore, Valton, Wis.
 2nd Prem. Maud Meyer, Ableman, Wis.

Collection of pressed ferns and grasses found in Wisconsin.

- 1st Prem. Merrill Butterfield, Reedsburg, Wis.
 2nd Prem. Erma Ellis, Reedsburg, Wis.

Wall paper designs in color.

- 1st Prem. Bessie Barry.

Advertisements for paper or poster.

- No first.
 No second.
 3rd Prem. Iva Schafer.

Pen and ink drawings.

- 1st Prem. Leo Van Roy.
 2nd Prem. Martha Lippert, Hortonville, Wis.
 3rd Prem. Laura Kobussen, South Kaukauna, Wis.

SUMMARY OF RACES.

Starting Judge, F. E. Stone, Burlington, Wis.

STAKE RACES.

TROTTING.

2:08 Trot. Purse, \$1,000.

Belafst, br. g. Clarence Baxter, Rockford, Ill.....	1—1—1
The President, b. h. G. C. & F. B. Loomis, Minneapolis, Minn.	2—2—2
Pat Ford, ch. g. Chas. W. Kenyon, Cedar Rapids, Ia.....	3—3—3
Belle C, br. m. M. R. Higbee, Albert Lea, Minn.....	4—4—5
Dr. Frasse, blk. g. C. L. DeRyden, Mason City, Ia.....	5—5—6
Borazelle, b. h. Float Jolly, Tipton, Ind.....	6—6—6
Time, 2:09½. 2:08¼. 2:17.	

2:16 Trot. Purse, \$2,500.

Embey, b. g. W. B. McDonald, East Aurora, N. Y....	1— 1—1
Agnes Halford, blk. m. W. O. Foote, Dallas, Tex.....	2— 2—2
Roscoe, b. g. Michael Murphy, Shirley, Ill.....	7— 4—2
Mae Heart, ch. m. J. Gripman, Coldwater, Mich.....	3— 8—4
Babrook, br. g. W. A. Coulter, Chanute, Kas.....	5— 3—6
Ethel W, b. m. W. E. Hendricks, Martinsville, Ind.....	4— 7—10
Levette, — —. E. E. Schmidt, Chicago, Ill.....	6— 6—5
Ashlanddorf, b. h. W. A. Stout, Indianapolis, Ind.....	8— 5—8
Silver, ch. g. G. C. & F. B. Loomis, Minnepaolis, Minn.	9— 9—7
Mollie S, b. m. T. F. McDermott, DeKalb, Ill.....	10—10—9
Time, 2:09½. 2:10. 2:10.	

2:20 Trot. Purse, \$5,000.

Charley Belden, b. g. C. L. DeRyder, Mason City, Ia.	1—3—2—1—2
Early Alice, b. m. W. L. McMillan, Carthage, Mo.	7—2—1—3—1
Talpa, b. m. J. B Jones, Wellsville, N Y.	3—1—5—2—3
Kassena, b. m. J. J. McCoy, Kirkwood, Del.	2—6—3—4—4
Billy H, b. g. W. A. Clark, Jr., Butte, Mont.	4—4—4
Genteel H, br. h. W. B. McDonald, East Aurora, N. Y.	5—5—7
Riddle, br. g. Fred Cline, Minneapolis, Minn.	8—7—6
J. N. Blakemore, blk. g. W. O. Foote, Dallas, Tex.	9—9—8
Icelander, b. m. R. A. Rouse, Danville, Ill.	11—8—9
The Jester, br. h. J. A. Richardson, Libertyville, Ill.	10—10—10
Prince of Calcutta, br. h. S. DeRidder, Louisville, Ky.	6—11—Dr.
Time, 2:13. 2:09 $\frac{3}{4}$. 2:09 $\frac{3}{4}$. 2:13 $\frac{3}{4}$. 2:11 $\frac{3}{4}$.	

2:30 Trot. Purse, \$1,000.

Bi Flora, br. m. John Splan, Lexington, Ky.	1—1—1
Silver, s. g. G. C. & F. B. Loomis, Minneapolis, Minn.	2—2—2
Dorris Martin, b. m. Chas. E. Dean, Palatine, Ill.	3—3—3
Robert M, s. g. D. J. Fenelon, Ripon, Wis.	Dis.
Time, 2:13 $\frac{3}{4}$ —2:13 $\frac{1}{2}$ —2:14.	

2:40 Trot. Purse, \$1,000.

Bi Flora, br. m. John Splan, Lexington, Ky.	1—1—1
Icelander, b. m. R. A. Rouse, Danville, Ill.	2—2—2
Dorris Martin, b. m. Chas E. Dean, Palatine, Ill.	4—3—3
Prince of Calcutta, br. s. S. DeRidder, Lexington, Ky.	3—4—4
Time, 2:12 $\frac{1}{2}$ —2:11 $\frac{1}{4}$ —2:13.	

Trot—3year olds. Purse, \$1,000.

Governor Francis, br. c. W. O. Foote, Dallas, Tex.	1—1
Ed Custer, ch. c. Riverside Park Farm, Berlin, Wis.	2—2
Pan Yan, ch. c. J. C. Kirkwood, Del.	3—3
Lucky Joe, br. c. E. T. Stoner, Oregon, Ill.	Dis.
Time, 2:13 $\frac{1}{2}$ —2:12 $\frac{1}{4}$.	

Class Race.

2:12 Trot. Purse, \$1,000.

Baraja, br. g. J. J. Shaw, Chicago, Ill.....	1—1—1
Eleanor B, b. m. D. J. Fenelon, Ripon, Wis.....	2—2—2
The Rajah, b. g. S. DeRider, Lexington, Ky.....	3—3—3
Show Me, br. h. Isaac Stephenson, Marinette, Wis.....	4—4—4

Time, 2:15¼. 2:14¼. 2:13½.

Stake Races.

Pacing.

2:08 Pace. Purse, \$2,500.

The Broncho, b. m. Chas. E. Dean, Palatine, Ill.....	1—1—1
Citation, b. m. W. H. McDoel, Cicago, Ill.....	2—2—2
Hazel Patch, blk. h. W. W. Fleming, Winnipeg, Man.....	3—3—3

Time, 2.04. 2:07¼. 2:03.

2:08 Pace. Purse, \$1,000.

Larry Ginter, b. h. C. S. Lucas, Iowa City, Ia.....	2—1—1—1
Col. Loomis, br. h. Gus Sidle, Arkansas City, Ark.....	1—6—2—4
Red King, b. g. J. Carson, Winnipeg, Man.....	8—3—3—2
Alpha W, b. m. C. L. DeRyder, Mason City, Ia.....	5—2—5—3
Leslie Waterman, .ch. g. M. R. Higbee, Albert Lea, Minn.	3—5—4
Rex, ro. g. D. J. Fenelon, Ripon, Wis.....	4—4—6
Onward Star, br. h. Chas. E. Dean, Palatine, Ill.....	6—8—7
Lillian, b. m. S. H. Newman, Algoma, Wis.....	7—7—8

Time, 2:07¼. 2:06½. 2:07¾. 2:09.

2:12 Pace Purse, \$5,000.

Alfalfa, ch. m. J. C. Pender, Johnstown Pa.....	9— 1— 1—1
Pure Gold, ch. h. J. B. Jones, Welsville, N. Y.....	2— 2— 4—4
Custer, ch. g. J. C. Adams, Phoenix, Ariz.....	6— 9— 2—2
Spill, b. g. W. A. Clark, Jr., Bute, Mont.....	3— 4— 3—3
Tommy Teg, b. g. W. O. Foote, Dallas, Tex.....	8— 3— 5
Dillard Online, ch. h. D. Erwin, Mason, Mich.....	4—11—10
Miss Sherbert, b. m. J. A. Daly, Nevada, Mo.....	5— 7— 6

Fred Miller, ro. g. W. A. Stout, Indianapolis, Ind..	10—5—8
The dona, c. h. C. L. DeRyder, Mason City, Ia.....	12—13—7
Normalis, b. m. W. E. McBain, Libertyville, Ill....	13—8—9
Bonnie Steinway, br. h. Griffith McConnell, Pleasanton, Cal.	11—6—Dis.
Willie Benton, b. h. Geo. Spencer, Appleton, Wis....	1—10—Dis.
Silk Twist, blk. h. B. H. Rote, Chicago, Ill.....	7—12—Dr.
Time, 2:07½. 2:08½. 2:07¼. 2:06¼.	

2:15 Pace. Purse, \$2,500.

Carrie B, ro. m. W. O. Foote, Dallas, Tex.....	1—1—14—1
Ivan B, b. g. W. A. Stout, Indianapolis Ind.....	2—8—1—1
Royal Line, b. h. J. B. Jones, Wellsville, N. Y.....	5—2—2—3
Village Boy, b. g. H. W. Lawrence, Indianapolis, Ind.	3—7—10—4
Afrite C, br. h. Geo. Spencer, Appleton, Wis.....	6—4—7
Andrew Cone, b. g. Chas. E. Dean, Palatine Ill.....	9—3—11
Karina, ch. m. J. C. McCoy, Kirkwood, Del.....	11—10—4
Cracker Jack, ch. g. W. W. Marvin, LaFayette, Ind.	4—15—3
Richard Grattan, ch. g. Grattan Stock Farm, Prairie View, Ill.	7—13—5
Fourth July, b. h. A. S. H. Fulghum, Tonkawa, Okla.	12—9—6
Bystander, b. g. J. C. Adams, Phoenix, Ariz.....	14—6—15
Geo. Perry, b. g. C. L. DeRyder, Mason City, Ia....	8—11—12
Envoy, s. g. D. J. Fenelon, Ripon, Wis.....	13—12—8
Red Ash, b. h. M. E. McHaffie, Stilesville, Ind.....	14—14—9
Mayville, b. m. J. A. Daly, Nevada, Mo.....	10—5—3 Dr.
Time, 2:09½. 2:09¼. 2:10¾. 2:12½.	

2:22 Pace. Purse, \$1,000.

Carrie B, ro. m. W. O. Foote, Dallas, Tex.....	1—1—1
Mabel T, br. m. B. S. Taggart, Romeo, Mich.....	2—2—2
Mark Onward, b. h. J. Carson, Winnipeg, Man.....	3—3—2
Billy K, b. g. Theo. Kay, Marion, Ia.....	4—4—4
Dan Spencer, b. h. C. A. Niles, Terre Haute, Ind.....	5—6—5
Babby, b. m. C. L. DeRyder, Mason City, Ia.....	6—5—6
Time, 2:07½. 2:10¼. 2:08¼.	

2:35 Pace. Purse, \$1,000 .

Ivan B, b. g. W. A. Stout, Indianapolis, Ind.....	1—1—1
Borowood, blk. h. Chas. E. Dean, Palatine, Ill.....	2—2—3
J. B., Jr., b. g. W. O. Foote, Dallas, Tex.....	5—4—2
Babby, b. m. C. L. DeRyder, Mason City, Ia.....	3—4—5
Glen Patchen, b. g. R. A. Rouse, Danville, Ill.....	4—3—5
Myrtle S, b. m. Gus Sidle, Arkansas City, Kas.....	6—6—6
Time, 2:11 $\frac{3}{4}$. 2:11 $\frac{1}{2}$. 2:13 $\frac{1}{2}$.	

 Pace. 3-year-olds. Purse, \$1,000.

Kelly, b. g. Riverside Park Farm, Berlin, Wis.....	1—1
Uriel, b. c. J. C. McCoy, Kirkwood, Del.....	4—2
Miss Castle, br. f. Chas. E. Dean Palatine, Ill.....	3—3
Nilmah, b. f. W. H. Anderson, Kirkland, Ill.....	5—4
Betty G, b. f. W. A. Stout, Indianapolis, Ind.....	6—5
The Dude, —. W. W. Martin, LaFayette, Ind.....	2—Dis.

REPORTS OF DEPARTMENT SUPERINTENDENTS.

HORSE DEPARTMENT.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—The number of horses exhibited at the 1906 Wisconsin State Fair was the largest in the history of this department. All classes considered, the horse exhibit of this state is taking a very respectable place in the state fair list, and the general expression of the exhibitors, on the State Fair circuit, was to the effect that their horses met the keenest competition in Wisconsin and by horses bred or owned in this state.

The plan of, and showing made by the Richland County Breeders' Association and other community exhibits, I feel are to be especially commended and further interest along this line encouraged.

The new stock judging Pavilion was greatly appreciated by spectators, exhibitors and officers of the department, and at times it was evident that neither the ring nor the seating capacity was too large for its demands.

On Thursday evening, two rings of light harness horses, the gaited saddle horses and the entries under equestrianism were shown and these, together with a parade of prize winners and an exhibit by the famous Armour's six horse team, seemed to highly please a large and appreciative audience the entire evening.

There was not sufficient light in the Pavilion for evening work and it was also somewhat difficult for the show men to prepare to bring their animals into the ring, by lantern light in the barns.

I would recommend that adequate lights be furnished, and feel that programs for one or two evenings could be arranged giving a very credible horse show, which would be both advantageous to the management and beneficial, and a pleasure to the lover of good horses.

A shortage in stall and barn room made it necessary to impose somewhat on room allotted to exhibitors as well as their good nature; but in the end, all were provided for quite comfortably. It is to be hoped more barn room will be provided in the future, and then if a system of tickets with checks for each stall in each barn or shed could be arranged, (on the reserved seat plan) the exhibitors holding the checks for the stall to which he is entitled, it might help to obviate some of the difficulties in getting the exhibits located.

The Percherons and French Draft Belgians and other draft breeds not classified elsewhere, were judged by W. E. Prichard of Ottawa, Ill. and Professor W. B. Richards, Agricultural College, North Dakota, did the honors for the Clydesdales and grade draft, and Mr. W. A. Dobson, of Marion, Iowa, for the light horses.

The special premiums offered jointly by the Wisconsin Draft Horse Breeders' Association and the State Board of Agriculture, competition limited to horses owned in Wisconsin, was a feature which I believe helped this department materially. It nearly doubled the work in the judging ring. These awards were made by Dr. A. S. Alexander, Prof. G. C. Humphrey, and J. S. Fuller, all of Madison, in a satisfactory manner.

Respectfully submitted,

JOHN S. DONALD,

Superintendent.

CATTLE DEPARTMENT.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—The exhibition of cattle at the Fair of 1906, was the largest in the history of the State, and the remarkable feature of the show was that, with very few exceptions, all were Wisconsin cattle. The work of the judges was generally satisfactory to the exhibitors.

The new judging pavilion was appreciated by exhibitors and the public in general, and the need of a substantial cattle barn,

of a capacity sufficient to accommodate this exhibit in the future, was shown to be a necessity, from the fact that 50 head of cattle were stabled in tents.

Respectfully submitted,

GEORGE WYLIE,
Superintendent.

SHEEP DEPARTMENT.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—The Wisconsin State Fair has never had more sheep, or better sheep, on exhibition than were to be seen on the Fair Grounds at our Fair of 1906. While many of these sheep were from outside of the State, yet those of Wisconsin breeding prove conclusively, that no State in the Union is better adapted to sheep growing than is our own, and the industry should be encouraged in every possible way.

Our association has been one of the most liberal in the Country in the size of the premiums offered, and in my opinion this policy should be continued. We should make it an inducement for breeders to have the best there is on exhibition, for those to emulate who are striving in the same direction.

But while our fair is intended largely as a school for its patrons, the fact that there is no place where spectators may sit and watch the sheep judging at their ease, neutralizes to a considerable extent, the educational value of the exhibition. There is no doubt that a sheep and swine judging pavilion is one of the most needed improvements on the Fair Grounds, and it is hoped that the management will erect such a structure as soon as conditions will permit.

In connection with this report it is only fair to mention the ability and fairness shown by Professor Frank Kleinheinz of the University of Wisconsin, in awarding the premiums in this department; also the able manner in which Mr. R. E. Roberts of Corliss, Wis., assisted in making the sheep show agreeable and beneficial, alike to visitors and exhibitors.

Respectfully submitted,

E. NORDMAN,
Superintendent.

SWINE DEPARTMENT.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—The exhibit of Swine at Wisconsin State Fair of 1906, was the largest in its history, and on the whole, the best.

As usual the Poland China, Duroc Jersey and Berkshire Classes were much the largest, but the Chester White breed was well represented; while the Tamworth, Victoria and Yorkshire classes were a small, and in some cases, not a good show, and there was very little competition in these three breeds.

The exhibit included swine from Michigan, Iowa, Indiana, and Wisconsin, but by far the greater number came from our own State, and were a credit to the swine breeders of Wisconsin.

The swine barns were entirely inadequate to house the exhibit, and quite a number were in pens outside.

That we need new and larger barns, as well as a judging pavilion that will enable spectators to view the work of judge in the department, I am sure you will agree with me.

Respectfully submitted,

JAMES DILLON,
Superintendent.

POULTRY DEPARTMENT.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—In submitting to you my report of the Poultry Exhibit at Wisconsin State Fair, 1906, it is hardly necessary to mention its magnitude. The exhibit spoke for itself both in quality and number of birds on exhibition. I will simply use the expression often made by Judge Butterfield when some 25 or 30 birds were brought into competition for a single prize number,—“Finer specimens were never placed before the eyes of any judge in America;” and in some instances it was regretted by our veteran judge that a third and even a fourth premium was not offered, as in Single Comb Black Minorca and Cornish Indian Game. I cheerfully recommend these two valuable classes of fowls restored to an equality with other breeds.

I further suggest that a first and second premium be offered for breeding pens, classed as follows:

Asiatic—first and second,

American—first and second,

Mediterranean—first and second,

and that birds which have been shown for other prizes be allowed to compete for these prizes. This was highly recommended by Judge Butterfield.

I am obliged to say that the show of bantams was somewhat depreciated, in numbers only, which is probably owing to the fact that the premiums offered are not in equality with other fowls. It is true that bantams are not utility fowls, their strong feature being ornamental, but realizing that a show is not complete without a good exhibit of bantams, I heartily recommend their being restored to the same place on the premium list that other classes enjoy; only that no third premium be awarded. I also recommend that a class be made for Black Orpingtons, with a first, second and third premium attached.

As to water fowls, I would like to say, I think something ought to be done in the way of premiums to draw out a greater showing. I think a third premium should be offered in this class. Too much can not be done to stimulate the water fowl industry, and it is deservedly fast coming to the front.

In my recommendation as to breeding pens of fowls, I omitted to say that in no case should old fowls be obliged to compete against younger ones; it being at the season of the year when old fowls are largely handicapped by the moulting period, and it is only fair that they be classed by themselves, having first and second prizes for young and for old.

I would like to see an incubator contest in connection with our show. Under the present system of showing incubators to the public, deception is liable to be practiced no one knowing the percentage of hatch and variation of temperature of the different machines; whereas, if a contest could be made conditions being the same to all, conducted under the supervision of an unbiased expert. Chicks counted out by the judge, as well as the unhatched eggs, showing the merits of each machine. No chance for deception could be used and a great deal of education gained.

There should be an expert judge of Belgian and other Hares,

as our exhibit seems to be growing in this line, competition being quite sharp. About 70 animals were on exhibition this season.

Respectfully submitted,

C. E. MATTESON,
Acting Superintendent.

DEPARTMENT OF AGRICULTURE AND HORTICULTURE.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—I take pleasure in presenting to you the report of Department of Agriculture and Horticulture for the Fair of 1906.

The year was exceptionally good for growing and bringing to maturity the various farm products, namely: grains vegetables, fruits, flowers and plants. The season had much to do with the size and quality of the exhibits in these two departments. There was hardly an inferior exhibit shown, and as a rule exhibits were much superior to those shown in 1905. All classes were well filled, and owing to the large amount of space required by each exhibitor, none but exhibitors occupied the building.

Each year the tendency of exhibitors of grains and seeds is to bring out something better than the previous year. The corn exhibits are increasing each year, and the varieties shown are those especially adapted to the State. All classes of vegetables were well filled, and exhibits neatly arranged. I would recommend that some special premium be given for the arrangement of exhibits, in all classes.

The fruit exhibit was exceptionally large and of superior quality. Heretofore, exhibitors have shown their fruits in spaces by themselves, and all varieties were thrown together, and I would suggest a change in the rules in this department. Instead of exhibiting varieties together, I would exhibit each variety by itself. This would aid in judging the exhibit.

The honey exhibit is on the increase each year, both in number of exhibitors and entries. I would suggest that some arrangement be made whereby exhibitors can give demonstrations in the handling of bees.

The displays of greenhouse plants and cut flowers, both by professionals and amateurs, were as good as could be had, and when we take into consideration the expense that is attached to making exhibits of flowers and plants, it seems as if better premiums should be offered in some classes.

There were special exhibits in tobacco, ginseng and sugar beets.

While the loss to exhibitors so far, has not caused much complaint, I would advise that better arrangements be made to protect the exhibits while they are being shown.

The judges in the various departments have general satisfaction, and I desire to express my sincere thanks to them, as well as to exhibitors, for the uniform kindness and consideration shown.

Respectfully submitted,

J. L. HERBST,
Superintendent.

COUNTY EXHIBIT DEPARTMENT.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—The character of the exhibits made in the County Exhibits Department at the State Fair of 1906, was excellent, and up to that of any previous year. Exhibits were made by eleven counties. Four other counties were entered and asked for space, but were not on hand when the Fair opened. General satisfaction was expressed at the action of the Board by eliminating the distance clause in making awards.

I again renew my request that the interior of the County Exhibits building be sealed. As it is now, it is difficult for any one to make a creditable display, and exhibitors are greatly inconvenienced and dissatisfied.

Every one seemed well satisfied with the work of the judge, and harmony and good feeling reigned throughout.

Respectfully submitted,

C. H. EVERETT,
Superintendent.

DAIRY DEPARTMENT.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—The Dairy Exhibit at the State Fair of 1906 was full and complete in every respect. The butter and cheese refrigerators were taxed to accommodate the many exhibits of every class.

The butter was scored by Mr. D. C. Wolverton, Chicago; the American classes of cheese by Mr. R. A. Horton, Fond du Lac, and the foreign classes by Mr. Fred Marty, Monroe.

It was an exceptionally large and fine exhibit, but the scores were a little low on account of the unseasonably hot weather to which the goods were subjected in shipping. The exhibits were immediately, upon receipt, put into the refrigerators, which had previously been well iced, but owing to a shortage of ice in the city, we were unable to secure a sufficient quantity, later, to hold the temperature as low as desirable during the entire Fair. This may never occur again, but I would recommend that double floors be laid in the refrigerators. This would prevent some heat entering from below.

In view of the large and rapid growth of the dairy industry throughout the State, I would also recommend a material increase in premiums.

The booths on either side of the building presented a gay and interesting appearance. Every inch of available space was taken and nicely decorated by dealers of dairy supplies.

Nearly all the old exhibits were present, and we are glad to see them, and also extended a welcome to several new ones. Among the latter was the A. H. Barber Creamery Supply Company. A very interesting feature of their exhibit was the milking machine, which was operated, twice a day, upon cows kept in their booth for that purpose.

This report would not be complete without acknowledging my sincere appreciation of the valuable aid rendered by my assistants, Mr. M. Michels and Mr. E. L. Aderhold, presidents, respectively, of the Wisconsin Buttermakers' and Wisconsin Cheesemakers' Associations.

Respectfully submitted,

L. E. SCOTT,
Superintendent.

MACHINERY DEPARTMENT.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—I herewith submit my report of Vehicle and Machinery Department for State Fair of 1906.

The exhibits in this department for the year 1906 surpassed all others both in number and variety. Almost any machinery used on the farm could be found on exhibition, and parties wishing to see certain machines were directed to the location where the machines were in operation and the merits explained. We hope the present legislature may see fit to appropriate a sum sufficient to enable our Board to erect suitable buildings for the exhibits in this department.

Following is a list of the principals exhibitors:

Smith Manufacturing Co., Chicago, Ill.—manure spreaders.

Gale Manufacturing Co., Albion, Mich.—implements.

Durant-Dort Carriage Co., Milwaukee, Wis.—carriages.

Parry Manufacturing Co., Indianapolis, Ind.—buggies.

D. M. Sechler Co., Moline, Ill.—buggies.

Van Brunt Manufacturing Co., Horicon, Wis.—drills and seeders.

Johnson & Field Manufacturing Co., Racine, Wis.—fanning mills.

International Harvesting Co., Milwaukee,—engines, manure spreaders, hay presses, shredders, hay loaders, rakes, cream separators.

Lindsay Bros., Milwaukee,—implements.

W. C. Kiernan, Whitewater, Wis.—road culverts.

Dowagiac Manufacturing Co., Dowagiac, Mich.—drills, seeders.

Appleton Mfg. Co., Batavia, Ill.—corn huskers, feed mills, wood saws, manure spreaders.

The C. P. & J. Lauson Co., Milwaukee, Wis.—gasoline engines.

The John Lawson Mfg. Co., New Holstein, Wis.—gasoline engines.

Smalley Mfg. Co., Manitowoc, Wis.—straw cutters, implements.

E. Stopl & Co., Milwaukee, Wis.—implements.

The S. Freeman & Sons Mfg. Co., Racine, Wis.—wind mills, implements.

Milwaukee Hay Tool Co., Milwaukee, Wis.—huskers, shredders.

Alma Manufacturing Co., Alma, Mich.—gasoline engines.

Rosenthal Corn Husker Co., Milwaukee, Wis.—corn huskers.

Western Malleable & Grey Iron Mfg. Co., Milwaukee, Wis.—engines.

Racine Sattley Co., Racine Junction, Wis.—implements, buggies.

Anderson Carriage Co., Detroit, Mich.—buggies.

John Dorsch & Sons, Milwaukee, Wis.—gasoline engines.

Wisconsin Carriage Co., Janesville, Wis.—buggies.

Staver Carriage Co., Chicago, Ill.—carriages.

John Deere Co., Moline, Ill.—implements.

J. I. Case Plow Co., Racine, Wis.—implements.

Beaver Dam Mfg. Co., Beaver Dam, Wis. implements.

Barrett Manufacturing Co., Chicago, Ill.—roofing.

W. A. Patterson Co., Flint, Mich.—buggies.

Fuller & Johnson Mfg. Co., Madison, Wis.—engines, implements.

Noll Bros., Milwaukee, Wis., implements, buggies.

Emerson Mfg. Co., Rockford, Ill.—implements.

Hoosier Drill Co., Richmond, Ind.—drills, seeders.

Walter A. Wood Mfg. Co., Hoosic Falls, N. Y.—mowers, grain binders.

David Bradley Co., Fond du Lac, Wis.—implements, buggies, sleighs.

Lutter & Jacobi, Milwaukee, Wis.—implements.

Gilson Mfg. Co., Port Washington, Wis.—gasoline engines.

L. Kissel & Son, Hartford, Wis.—gas engines.

New Way Motor Co., Lansing, Mich.—gas engines.

Fairbanks, Morse & Co., Chicago, Ill.—gasoline engines, scales.

American Steel & Wire Co., Chicago, Ill.—wire fencing.

Hunt-Helm-Ferris Co., Appleton, Wis.—gas engines.

Sandwich Mfg. Co., Sandwich, Ill.—hay presses, hay loaders.

Pittsburg Steel Co., Pittsburg, Pa.—wire fencing.

Parson's B. C. & S. F. Co., Minneapolis, Minn.—threshing outfit.

Buffalo Pitts Co., Madison, Wis.—threshing machine.

The Huber Mfg. Co., Fond du Lac, Wis.—threshing machine.

Iowa Gate Co., Cedar Falls, Ia.—farm gates.

Mitchell Mfg. Co., Milwaukee, Wis.—litter carriers.

G. J. Kepplinger, Dwight, Ill.—floor planer machine.

- Silberzahn Machine Works Co., Marinette, Wis.—gas engine.
 W. J. Williamson, Columbus, Ohio.—buggies.
 C. Molitor, Milwaukee, Wis.—wagon boxes.
 Diehl Novelty Co., Sheboygan, Wis.—door hangers.
 The Vehicle Apron & Hood Co., Columbus, Ohio.—rubber goods.
 E. W. Hoppe, Nashotah, Wis.—fence posts.
 Collins Plow Co., Quincy, Ill.—hay presses.
 Drew Elevated Carrier Co., Waterloo, Wis.—letter carriers.
 Louden Machinery Co., St. Paul, Minn.—letter carriers, hay tools.
 Manlove Gate Co., Chicago, Ill.—patent gates.
 J. L. Owens Co., Minneapolis, Minn.—fanning mills.
 La Porte Carriage Co., La Porte, Ind.—carriages.
 La Crosse Plow Co., La Crosse, Wis.—implements.
 John Westrick, Watertown, Wis.—woven wire fence.
 Luther Bros. Co., Milwaukee, Wis.—tool and sickle grinders
 James T. Brett Co., Milwaukee, Wis.—lodged grain saver.
 The Robert Rom Co., Milwaukee, Wis.—hot air engine.
 The Janesville Machine Co., Janesville, Wis.—implements.
 Hurley Machine Co., Chicago, Ill.—Little Giant flour scraper.
 Olson & Richardson, Stoughton, Wis.—building block machine.
 The Hawkeye Incubator Co., Newton, Ia.—incubators.
 White Lily Washer Co., Davenport, Ia.—washing machines.
 Stoughton Wagon Works Co., Stoughton, Wis.—wagons.
 Cressy & Johnson, Milwaukee, Wis.—gas engines.
 R. J. Schwab & Co., Milwaukee, Wis.—silo machines.
 Lansing Motor & Pump Co., Lansing, Mich.—gasoline engines.
 Dain Mfg. Co., Ottumwa, Ia.—hay presses, implements.
 W. H. Van Schaick, Walworth, Wis.—gas engines.
 Althouse Wheeler Co., Waupun, Wis.—wind mills.
 J. I. Case Threshing Machine Co., Racine, Wis.—engines, threshers, steam road roller.
 Frick Co., Madison, Wis.—engines, threshers.
 Fish Bros. Wagon Co., Racine, Wis.—wagon.
 Racine Hatchery Co., Racine, Wis.—incubators.
 Peoria Drill & Seeder Co., Peoria, Ill.—seeders.
 The Thomas Mfg. Co., Springfield, Ill.—hay loaders, drills, seeders.
 Monitor Mfg. Co., Minneapolis, Minn.—drills, seeders.
 Automatic Horse Feeder Co., Milwaukee, Wis.—horse feeder.

J. P. Anderson & Sons Co., Madrid, Ia.—lightning protector.
Cook Manufacturing Co., Milwaukee, Wis.—gasoline engines.

Respectfully submitted,

DAVID WEDGWOOD,
Superintendent.

FINE ARTS DEPARTMENT.

To the Wisconsin State Board of Agriculture.

GENTLEMEN:—On the morning of the opening day of the State Fair for the year 1906, the art exhibit was complete and in perfect order and surpassed the exhibit of any previous year. It is indeed gratifying to report that each year witnesses a very satisfying improvement in this department. More and more is this department becoming a worthy feature of the State Fair.

The exhibit of oil paintings, water colors and pastel painting, was much better than in the year 1905. Considerable more pains were taken by exhibitors in the matter of more attractive frames and better mountings than ever before. These little things mean much to the department and render the appearance of the exhibit in general far more attractive. Among the various exhibitors who carried off many first premiums in oil paintings, water colors, pastels and drawings, may be mentioned the names of Ina Lean, of Waukesha, Albert Elsher, Jr., of Milwaukee, Ruth R. Shults of Whitewater, Peter Rotier and Mrs. John E. Winn of Milwaukee. In wood carving Mr. Anthony Spalthoff had a very fine exhibit which was admired by all. In decorated china Mrs. P. M. Kynaston, Mrs. Jenny C. Lloyd, Miss Luella Cooke, Mrs. J. W. Cutler, Mrs. L. E. Greenleaf, Miss Lucile Cooke and Miss Laura J. Lapham, all of Milwaukee, made large and beautiful exhibits.

The yearly exhibits in this department cannot absolutely be guaranteed to be full and satisfactory for the reason that it is quite difficult to interest art students in making exhibits. The premiums are in a way small, and exhibitors always incur some risk in permitting paintings and other works of art to be exhibited at the Fair. The Management, however, has always exercised the greatest care in this department to the end that no exhibits may be damaged.

I am pleased to report that Mr. Louis Mayer of Milwaukee has again consented to act as Judge in this department for the coming Fair. I have every confidence in his ability as judge. He has proven in the past that he is thoroughly competent and absolutely fair. Of course all exhibitors cannot be pleased, but Mr. Mayer will be sure to decide the matter of awarding premiums without fear or favor.

A year ago upon my recommendation the Board consented to purchase eight large show cases for this department. They were duly purchased and proved very satisfactory. The ones purchased, however, are inadequate to our needs. The beautiful display of decorated china should be provided with enough show cases to contain the entire exhibit. At the last Fair we attempted at the last moment to borrow extra cases, but in this we were unsuccessful. I respectfully recommend that a few additional show cases be purchased by the Board for this department.

I further recommend that the roof of the art building be thoroughly gone over again before the fair and repaired where needed, so that we may be in a position to guarantee an absolutely water proof building for all art exhibits. The sky-light should be repainted with one coat of white lead. I further recommend the electric lights in the art building be changed so that the exhibits may be seen to advantage during the evenings of the Fair. As they are arranged at present they give a very poor light. I further recommend that ribbons be used in the art department instead of the ordinary premium cards.

Respectfully submitted,

JAMES J. NELSON,
Superintendent.

WOMANS' WORK DEPARTMENT.

To the Members of the Wisconsin State Board of Agriculture,
GENTLEMEN:—In submitting this report for your inspection, I am pleased to be able to state that we had a very fine display in the Womans' Department, at the Fair of 1906.

Only one article was conspicuous by its absence, and that was bread. I can account for the small and inferior exhibit in but one way—and that was the intense heat which prevailed at that

time. Entries were made, but the people failed to bring the goods. Canned fruits, jellies, pickles, cakes, etc., were in abundance and of fine quality; in fact everything but bread.

The needle work was of a very high order of excellence, and there was a large exhibit. We are much cramped for room, and several exhibitors found fault because their articles were not given more space, not realizing that the judge sees each article even if it is not spread out to its full size. I would suggest that another show case be added in which to place the children's exhibit. The number is increasing each year, and we now have to place them with the women's exhibit, which makes it confusing, and it is not generally understood to be the work of children. We succeeded finely without the aid of an extra clerk, and I do not know of an error that crept into our books.

There was a large number of new exhibitors and many of the old ones brought new work, and the average was a high class of exhibits. There is, however, an urgent need for a new building for Womans' Work. The present one is low, with higher buildings at either end, all ventilation is completely shut off, and some days the judges were compelled to stop work, the air being simply stifling.

I would call your attention to the communication from Mrs. Jamison of Neenah, one of my judges, published in the Wisconsin Agriculturist of Oct. 11th. last. That reminds me that in the same paper is an extended account of the visit of the members of the Board to Springfield, to attend the Illinois State Fair. I was much interested, but as I read, the thought came to me that when the Board next went visiting it might be well to have a woman in the party, so we might know if there was a Womans' Building, or any kind of an exhibit of woman's handiwork. No mention was made of this in the report I refer to. Perhaps there was none. Horses, cattle, sheep, swine, poultry, speed, dairy, manufactures—all received honorable mention, and were accorded generous space in the article, but not the slightest mention was made of Woman's Work. Evidently the gentlemen are not interested in that department, hence my suggestion of a woman member on the Board.

In closing, I cannot accord too high praise to my able and

careful corps of assistants, and to the ladies who served as judges. Kindness and courtesy were unfailing, and though tired at the end of the Fair, we were in a measure recompensed by the general satisfaction expressed by the exhibitors.

Respectfully submitted,

MARY E. CHADWICK,

Superintendent.

MARSHAL'S DEPARTMENT.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—I herewith submit my report as Marshal of the Fair of 1906. Nothing of great importance transpired. We detained several in the lockup on minor charges, but only one on a serious charge, and this was satisfactorily adjusted before the close of the Fair.

Our office did quite a business in restoring lost children to their parents, or those in charge of them, and at one time we had eight children lined up on the porch of the Publicity Building.

The expenses of this department for 1906 were \$902.55, or \$557.25 less than for the year 1905. In addition to this, there were six guards for the Indian Village at \$15.00 each for the week, a total of \$90.00.

Much credit is due the Milwaukee police for the good order during the Fair. They not only did good service, but their advice in regard to matters of law in connection with making arrests was of great value.

Too much praise cannot be given the ladies in charge of the Hospital Tent. It is a shame to ask ladies to care for the sick and injured in a tent on a State Fair Grounds. The horses, cattle, sheep and swine, are all in buildings, but the sick and injured patrons of the Fair must be contented with a canvas cover. I feel sure that if the members of the Legislature could realize the necessity of a building for this department, they would not hesitate to appropriate a sum sufficient for its erection.

Respectfully submitted,

C. W. HARVEY,

Superintendent.

SPEED DEPARTMENT.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—It gives me pleasure to report that the Speed Program of 1906 exceeded all previous years. Our harness races amounted to \$26,500, this being the largest sum ever offered in the Great Western Circuit, and was exceeded by but one meeting in the Grand Circuit. I am also pleased to report that the expense of the Speed Department was less than that of any other State Fair, or member of the Circuit.

The amount of purses, as above stated, was \$26,500; amount received from entries was \$21,131.57, and the amount still due from suspensions will naturally reduce this amount—if not quite wipe it out. The receipts from Grand Stand amounted to \$9,764.12, as against \$8,578.25 last year, and the score card privilege was \$275 to credit to Speed Department. With these amounts we are way ahead of the game.

It is needless to say anything about the quality of the races, as those who saw them will testify as to their high class.

I ask again, an extension of the Grand Stand with the addition of boxes the entire length of the present Stand, and again I ask for barn room sufficient to house all the horses entered at our meeting, as we have had to put horses in barns outside of the Grounds and in tents on the Grounds, which is a great injustice to owners of valuable horses, who enter with us. They have put up with our excuses for two years, but I do not want to face them for the third time.

Respectfully submitted,

C. G. WILCOX,

Superintendent.

DEPARTMENT OF PRIVILEGES.

Jefferson, Wis., Sept. 15, 1906.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—I herewith submit my report as Superintendent of Privileges for the fair of 1906. From the following sources I

received the amounts as indicated, and turned the same over to the secretary, whose receipts I hold for the amount.

For rent of dining halls owned by the Board	\$1,170.00
For rent other dining halls and tents.....	291.00
For lunch and soft drinks stands.....	2,016.00
For exclusively soft drinks stands.....	253.00
For sale of novelties.....	963.50
For glass engraving.....	137.00
For cider privileges.....	67.50
For African dodgers.....	35.00
For doll racks.....	259.00
For knife and cane racks.....	180.00
For other games.....	52.00
For fruit stands and wagons.....	280.00
For exclusively ice cream wagons.....	158.50
For pop corn and peanut privileges.....	60.00
For exclusive cigar stands.....	88.50
For exclusive candy privileges.....	48.00
For photograhp galleries.....	140.00
For shooting galleries.....	132.00
For hawking privileges in grand stand....	150.00
For score card privilege.....	275.00
For lunch and drink privileges under grand stand	300.00
For advertising privileges.....	307.50
For bread tents.....	75.00
For toy balloon privilege.....	20.00
For waffle wagon.....	20.00
For micellaneous privileges.....	44.20
From net receipt of Carnival and air shop	1,458.95

Total \$8,981.65

Detailed report of the receipts has been filed with your secretary.

Respectfully submitted,

O. F. ROESSLER,
Superintendent of Privileges.

DEPARTMENT OF FORAGE AND TRANSPORTATION.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—I beg to submit the following report of the department of Transportation for the State Fair of 1906.

Received from licenses granted to six teamsters \$60.00

(I hold Secretary's receipt for this amount.)

I would further report that the cost of feed and straw in

Forage Department was..... \$1,197.25
 (Receipted bills for same being filed with Secretary.)
 Expense of labor in department..... 210.68
 Miscellaneous expenses 1.05

Total expense of department..... \$1,408.98
 Amount collected from sales..... \$1,270.95
 Furnished on order of Board 85.96

\$1,356.91

Respectfully submitted,

C. T. FISHER,

Superintendent.

DEPARTMENT OF GROUNDS.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—I beg to submit the following report of Department of Grounds for the season of 1906.

A large amount of work was done on the Grounds during the summer. In addition to building three new cattle barns, the work of repairs was carried to almost all of the buildings, including roofing on Live Stock Barns, Grand Stand and Art Hall; also excavating and grading for about half a mile of cement sidewalks, and putting up bleachers on both ends of Grand Stand.

After the Fair the Grounds were thoroughly cleaned, and all rubbish removed. Buildings were cleaned and closed up, and gates locked, and no teaming allowed across Grounds after Fair.

I would respectfully recommend that the water supply be increased; new roofs put on old cattle and horse barns; and that Speed Barns be repaired.

An inventory of stock on hand on Grounds, at date, is filed with Secretary.

Respectfully submitted,

G. U. FISHER,
Superintendent.

DEPARTMENT OF GRAND STAND.

To the Wisconsin State Board of Agriculture,

GENTLEMEN:—I take pleasure in presenting to you the report of Grand Stand Department for the Fair of 1906.

The receipts were as follows:

Monday	\$460.40
Tuesday	785.40
Wednesday	2,431.31
Thursday	4,374.99
Friday	1,683.57
	<hr/>
	\$9,735.67
Cash over	24.20
Credit by Secretary	4.25
	<hr/>
Total receipts	\$9,764.12

Expenses for help including assistant, ushers for reserved seats, gate keepers, turn stile men, money changers, and reserved seat ticket sellers was \$368.00, for which vouchers are filed with the Secretary.

I am pleased to report that everything went off in a pleasant and satisfactory manner.

Respectfully submitted,

GEORGE G. COX,
Secretary.

PAPERS SOLICITED FOR PUBLICATION.

MELILOTUS.

Common Names, Sweet Clover, Cabal C. Bokhara C. Melilot.

IRA M. BUELL, Beloit, Wis. *

People of the North Central States who have noted the rapid spread of Sweet Clover along our roadsides and waste places have naturally been alarmed by its aggressive habits and overmastering growth. This alarm has not been lessened when the observer has sought further knowledge of the plant from authority nearest at hand. It has been listed among the noxious weeds in several of our states. The Century Dictionary says it is usually considered a weed. I find the same opinion expressed by plant experts in Kansas and Nebraska who speak of its lack of forage value and advise farmers to unite in its extermination.

One does not have to search for reasons for this. Its coarse, ragged growth often 8 ft. high by midsummer, its thick, woody stems, bare of leaves and covered with the long seed spikes in September, do not suggest any of the forage or fertilizing values of the plant, yet when we consider that hardihood, vigorous growth, large production of seed and adaptation to unfavorable conditions are all desirable in our forage plants we may well look for further virtues in this much despised plant. The common name, sweet clover, suggests its place in the plant world. A member of the Pulse family and tribe Trifolium, its place is between two of the best known and valued species of the group.

Red clover and alfalfa. Its blossom and fruit are like red clover. In leaf, stem and habit of growth it resembles alfalfa. But while combining in itself the best qualities of each it has merits of its own. It is a biennial, almost the only instance among the 1,400 species of the Pulse family. This is a very important distinction as it removes the plant from the list of weeds and puts it into group of great food producers. None of the biennials are properly weeds, on account of their tardy production of seed. The biennials usually considered weeds as the burdock, mullein and common thistle grow only in uncultivated ground, while our best known examples as the beet, turnip, onion and cabbage are not only our greatest food producers but also require the most thorough tillage. They are the most highly developed products of our husbandry and not its enemies.

The first year growth of Melilot like all others of its class provides a storehouse of food for its rank and rapid second year growth and enormous production of seed. Here again we see its adaptation to man's use. A cluster of wide spreading, deeply penetrating, fleshy roots, not only store abundance of plant food, but put the soil in the best condition for tillage. This feature is of great importance when considered with the fertilizing qualities of the tribe. Like others its roots nourish the nitrogen secreting bacteria, which give vigor and vitality to the plant and restore fertility to the soil. The great cluster of fleshy roots storing alike the products of the plant growth and its nourishing organisms gives a much higher fertilizing value than any other clover. Its more vigorous growth also gives it a footing on soils where the other clovers will not thrive.

A rare chance to note the great root growth of Melilot was afforded by the washout of a bank of a stream near Beloit in 1905. Here a large number of sweet clover roots were freed from the soil. These were gathered and from them the following estimates were made. The root crowns were from $\frac{3}{4}$ to $1\frac{1}{4}$ inches in diameter. Fleshy roots from 5 to 20 in the cluster, about 3 feet long, bearing many long fibrous roots well strung with nodules. With an average of but one such cluster to the square foot the root growth on one acre would exceed 20 tons.

The growth of Melilot along our roadsides shows some very striking features. It is the first plant to start in the spring and the first year growth is green when winter comes. It seems to show little preference for soils. It is the first plant to start in the stony clay subsoil exposed in a roadside cut or erosion gully and seems to be equally at home in a gravel pit or on a rubble pile from an abandoned quarry. A crop worn, abandoned hill-slope, gives it a good footing and it is at home on the top of an almost bare limestone ridge. At the same time its rankest growth is found in roadway hollows and basins, in the flood plains of streams and in the waste grounds along our railways.

Some very striking examples of its overmastering growth have been noted by the writer. It is a very common sight to note the tender stems of its first year growth rising out of a close June grass sod to form a dense thicket of sweet clover the second year that completely smothers the older growth and at its end leaving the ground bare and brown. Another observation reverses this. A long stretch of sand beach on the shore of a beautiful lake was always almost bare of vegetation until sweet clover came in and covered it with a thicket of its densest growth. This was followed by a luxuriant sward that covered the whole area even down to the touch of the waves. The change from a deep rutted, wind swept, barren waste to a rich meadow is one of the most striking proofs of the renovating value of sweet clover in the writer's knowledge. Another instance of this vigorous growth has been shown on a roadside near Beloit. The adjacent field was full of quack grass and the pest had spread until the whole roadside for 40 rods was covered by its sod. Sweet clover first appeared in the wheel tracks on the roadside. Two years later the whole area was overgrown with Melilot and not a stem of quack was to be seen. Since then the usual grasses have alternated with Sweet Clover in possession of the soil. All this took place in the natural way. The seed brought in by travel took root in the unbroken sod and its rank growth smothered one of our most unconquerable weed pests. The lesson is well worth repeating as it points out the way to extirpate the plant in our fields by a simple rotation in crops.

II. AS A FORAGE CROP.

The relationship between this plant and our well known clovers implies a like value as forage, and we find this inference borne out by experiment. The analyses of the three related plants show this most plainly.

Red clover.	Melilot.	Alfalfa.	
70.8	76.5	71.8	Water.
4.4	2.8	4.8	Protein.
1.1	0.4	1.0	Fat.
13.6	12.1	12.8	Nitrogen-free extract.
8.1	6.6	7.4	Crude fibre.
2.1	1.6	2.7	Ash.

The excess of water in melilot due to its rank succulent growth is the most marked difference shown in this table. Omitting this element we get from the other constituents the following proportions.

Red clover.	Melilot.	Alfalfa.	
14.7	11.9	16.0	Protein.
3.8	1.7	3.5	Fat.
46.5	51.5	43.6	Nitrogen-free extract.
27.9	28.0	26.2	Crude fibre.
7.2	6.8	9.6	Ash.

We note here slightly less of Protein constituents in Melilot with less fat and ash content, but more of the carbohydrates, indicating practically the same forage value in each. But we know that palatability is a very important element in determining the value of any article of food. In Melilot it is the essential condition.

This depends upon condition and taste. Melilot, being a rank, rapid grower, varies more in its different stages than the others. The young growth is very tender and succulent like asparagus but the nature stems become woody, shed their leaves and are entirely unfit for food. It is not different in this from the others nor from corn fodder.

The peculiar taste of sweet clover is due to the presence in the plant of a bitter principle and an aromatic extract called cumarin, the latter like the vanilla extract from several other plants of the pulse family. The amount and quality of these flavors differ very greatly in different strains and in different stages of growth.

The bitter taste in the green fodder is hardly noticeable in the cured product and in general the growth observed in Northern Illinois is much less bitter and aromatic than the strains common to the South and West. This difference is noted even in the seed. A sample of Alabama seed sent in last year has a rank tobacco odor while our seed is sweet smelling as clover honey. This variance explains the strong prejudice against its value as a forage plant in some sections where observers say that stock will not eat it unless driven to it by starvation. In this region all kinds of stock readily acquire a taste for the green growth and feed upon it with the same relish that they show for the other clovers.

Horses show the strongest preference for it. I have never found one that would refuse an offered handful of the green growth. A neighbor tells me that he has known his horses to break out of a fine pasture to feed upon the rank melilot in the highway and I have seen them leave a rich June grass bottom, cross a stream and feed a patch of ripening sweet clover down to the ground. If there is any Melilot in their hay they pick out its stems first and I have seen them choose the fragrant fodder before their feed of grain. Cows more slowly acquire a taste for the green growth and will sometimes pass it by for weeks yet the more hearty feeders take to it at once and in time all relish the young stems and will leave nothing but bare stalks of the mature growth. The cured crop if in good condition is eagerly relished by all. Sheep show a strong preference for the roadside growth. Turned upon it in midsummer I have seen them leave the grass untouched but strip the tall patches of sweet clover of every leaf and twig and leave only bare brown stalks. Hogs like it equally well and its strong hold upon the soil preserves the crop in spite of their destructive rooting.

The bitter principle noted above seems to largely disappear

in the process of curing leaving the honey like taste and odor. This especially marked in the product when cut at the right stage and properly cured. Its tender leafy stems retain their color and fragrance and one readily sees why stock show a preference for it over other fodder. We have cut the wayside growth for our horses for several years and fed no other forage as long as this hay lasted. Fed with corn it gives a balanced ration and my driving horse 27 years old after 6 months trial of the feed is as frisky as a colt. I introduced it into my meadows several years ago and have cut a number of crops of hay, testing its value as a forage both as to quality and yield. I have found my stock choosing my melilot in preference to other hay and the yield double that of other meadows. I think, however, that the best results are obtained by adding melilot to our usual mixture of clover and timothy. It grows well with these and they make a stronger growth when the nitrogen secreting melilot organisms are present. The mixture cures more quickly and the honey like quality is diffused permeating the whole. Its biennial growth is also an advantage in crop rotation. The slender leafy stems of its first year growth are in fine condition for fall cutting. Each root sends out a number of stout shoots the second year often 3 feet high by June 1st when the first cutting is ready, another cutting will be ready July 1st and the crowns will again send out seed stalks. If grown with other grasses it is best to feed off the first sprouts in the spring. Then the finer second growth will be the best stage when the rest of the meadow is ready. The root clusters soon decay after the seed matures leaving the soil in the best possible condition.

AS A FERTILIZER.

Valuable as melilot may prove as a forage plant I think that it will take still higher rank as a fertilizer and renovator of the soil.

Sharing with other legumes in the maintenance of the nitrogen secreting bacteria, it is more hardy than any of the others; is of ranker growth; adapts itself to a wider range of conditions and spreads by self seeding when these can hardly be coaxed to gain a footing.

Its biennial habit gives it still more decided advantages. Its remarkable root development equalling that of our cultivated biennials exceeds by several fold that of any other nitrogen secreting forms and the many fleshy roots deeply penetrate the soil. These decay as soon as the seed matures giving their substance back to the soil and leaving it in the finest possible tilth. My estimate already noted gives over 20 tons of root growth per acre. Professor Stone of the Agricultural Experiment Station, Cornell University makes a similar estimate of 28 tons per acre. It is difficult to conceive how one could get so large an increment to plant food in our soil at so little cost.

This strong root growth affords a basis for a strong rapid second year growth and abundant crop of seed. From a square yard of surface I cut 10 pounds of herbage early in June, giving an estimate of over 24 tons per acre available beside the roots for a crop to turn under if one wishes to add this to the root fertilizers. It is possible in this way to add over 40 tons of vegetable matter per acre to the soil.

Another advantage accrues from the fleshy structure of the roots. The tough fibrous roots of the perennial clovers make plowing difficult and they are slow to decay and yield their fertility to the soil. But these long slender roots so thickly and deeply penetrating the soil quickly give up their substance and leave it in the best condition for use.

Many proofs of the high fertilizing value of melilot have come under the writer's eye in the past few years. It was first noted in the alternation of plant growth on the roadside. Wherever the melilot had made a growth the grass sward following this was always found to be rank and luxuriant. This is the case on stretches of sand and on the stony clay subsoil exposed in roadway cuts and ditches. In the latter case the effect is so marked that in the sweet clover infested roadsides the erosion cuts are quickly sodded over, fill up and disappear, and our farmers noting this are beginning to sow the seed in the cuts in their fields.

Noting the liking of sweet clover for these bare spots the writer scattered seed on some stony, barren hillslopes. It made a fair stand and was left to seed. In the corn crop succeeding

this the melilot seeded spots were plainly marked by the taller growth. A more marked instance was seen in a neighbor's field seeded to rye. The farmer's son, to test the matter, gathered a hatful of seed from the roadside and scattered it over the crest of a barren ridge in the middle of the field. In the Spring drought that followed the rye was about all blown out by the winds but the melilot held and in the fall covered the ground. Oats followed the rye and on the patch of overturned sod the growth and yield of grain was double that on the adjacent ground. But the most satisfactory test of this kind has just been concluded on a 16 acre field of badly worn soil. The land had been tilled for over fifty years with little change and had latterly failed to yield over half a crop. The rye sown with the final seeding yielding only 8 bushels per acre. It was seeded with timothy, red clover and melilot in equal parts. The latter made a good stand only when it was inoculated by the wash from the clover infested roadway but here the first cutting gave 4 loads per acre. This seeding was kept for three years, the last year being pastured. Last fall a thin coat of manure was given to the weak spots and the sod was turned for corn. The ground was well fitted and the planting done by May 20. A strong growth was made from the start and kept up till the finish when 50 loads of shocked corn were taken from the field. The piece husks 120 baskets per acre and the best ears were from 10 to 12 inches long. 15 selected ears weighed $15\frac{1}{2}$ pounds. As by far the heaviest growth of corn was on the melilot seeding the increase in yield from 20 to 60 bushels per acre is a fair test of the soil renovating value of this clover. When we note that the three intervening crops were of more value than the usual grain product, we may consider this increase of fertility a clear gain.

SEED AND SEEDING.

The abundant crop of seed which melilot yields in common with other biennials has much to do with its rapid spread along our roadsides and is of equal value in the estimation of its use as a forage and fertilizing plant. We may gain an idea of this abundance best by comparing its growth with red clover.

In the latter the compact heads are borne at the ends of the branches and under the most favorable circumstances bear comparatively few seeds. Melilot bears blossoms and seeds in long spikes borne in the axils of the leaves and in their growth completely cover the stems. One may gather the seed by handfuls simply by drawing the spike laden branches through his fingers.

As the seed matures the leaves fall off leaving nothing but the seed bearing spikes and these quickly dry and fall in turn, so that in the end nothing is left but bare stems. One must secure the seed within the few days between the falling of the leaves and the shelling of the seed pods. The simplest way is to cut the tall stalks by hand and lay in small piles to dry, then whip off the seed across a slat frame over a canvass spread upon the ground. This seems to be a slow way but when one sees the amount of seed that rattles through upon the canvass from a single handful of stalks he is quite content to continue the process. Of course if one wishes to secure the seed in large quantity he may cut and hull the crop just as any other clover.

There is still another way of getting the seed that promises to be very practical. The dense growth along the roadside leaves on the surface a thick coating of leaves and seed pods which soon decay and leave the top of the ground full of the fine seeds imbedded in the bacteria inoculated soil. This is Nature's way of preserving the seed and with it the fertilizing organisms, and in this preparation we see why the self sown seed carried by wind or waters or by the dust and mud of travel makes such an overmastering growth on our poorest soils and amid our rankest vegetation. It remains for us to draw our seed supply from the same source and by artificial means to put the seed with its nourishing bacteria where we want it to grow.

Our alfalfa growing friends have already been advised by plant experts to use the same means to secure inoculation in their seeding so we can lay no claim to novelty of idea. The need of inoculation however is the same in melilot as in alfalfa. My own results in seeding with sweet clover are decisive on this point. I have obtained a fair stand of clover thus far only under three conditions, namely on new, strong land where a catch is certain with any other clover, on land freshly manured where the bac-

teria were brought in with the fertilizing material and on ground subject to overflow from the clover growing surface of the roadway or to the wind blown dust from the same sources.

It is not in reason to expect to gather in the few days of spring before the seed sprouts enough to seed of itself all that one would need for his meadows. But if the seed be secured in the fall inoculation may be brought in by a light scattering of this surface soil in the spring. This whole subject of soil inoculation is so new to us farmers that we must expect to learn by experiment and all that one may hope to do now is to point out the need and a very practical means of meeting it.

The time and amount of seeding are questions of importance. In general it is safe to follow nature, i. e. sow in the fall and the seed that you have. But we should study her methods more closely if we expect to gain practical results. In the first place the fall sown seeds do not germinate until spring, the protecting hull keeping it safely until then. By that time the seeds are scattered often for miles on our lines of travel being carried in the mud adhering to wheels and horses feet so that when it is in place for growth it may be as thinly sown as it is possible by hand. The seeds themselves being little larger than red clover it requires about the same amount per acre. As with all other grasses we sow enough to overcome the loss through unfavorable conditions, as per example a quart of clover seed per acre evenly scattered gives ten seeds per square foot. Yet some advocate sowing 8 quarts per acre or twenty times the amount required for a good stand. By the same reason, some growers advise sowing a bushel of the unhulled sweet clover seed per acre and others half a bushel. Now I have had a stand that completely covered the ground by sowing less than four quarts per acre.

I think that we may safely sow a much less quantity of seed per acre of any of the grasses than is generally recommended if we are careful to get the proper conditions for growth. I prefer to seed on fall grain early in March, either on a light snow or just as the frost is leaving the ground.

It is a strange thing to note the lack of knowledge of the plant and of interest in its possible uses, but differences in strain and

variance in habits of growth may explain in part. Its value as forage, its fertilizing qualities, its enormous production of seed, its biennial habit, its extreme hardiness and adaptability to a wide range of soil and climatic conditions, single it out as the most available agent at hand for the renovation of our worn out lands.

REFERENCES AND HISTORICAL NOTES.

The summary of facts presented in the preceding sections includes a line of study covering about 10 years. For a long time it was followed without aid or suggestion from others, but as the field opened to view the writer has found many co-laborers. He found a fellow farmer in his own town who unbeknown to him had cut the roadside growth for years to feed his horses in spite of the jeers of his unwise neighbors. Another farmer 50 miles away was noted who had filled his barns with the new clover and has kept it in store for five years as fragrant and palatable as when first cured. These instances bear out all that the author has claimed for the plant on the practical side.

On the scientific side very material support has come from different sources. Prof. Stone of the Agricultural Experiment Station of Cornell University has met the issue with very valuable suggestions. His study of the subject covered several years and developed the importance of bacterial inoculation. A very interesting correspondence has been carried on with Prof. Piper of the Bureau of Plant Industry, Department of Agriculture, Washington, D. C. From this has been brought out the importance of the matter of strain. Noting the extremely bitter quality of the growth familiar to him in the East he had endeavored for some years to develop a bitterless strain by cross fertilization and in his first note suggested that we may have here a comparatively bitterless strain. An exchange of specimens and seed followed which has confirmed this suggestion and made clear the reason for the favor that the plant is finding here. We also know why our plant experts in the south and southwest have found so little to commend in the roadside growth found in that part of the country. Yet Dr. Bessey of

University of Nebraska has expressed full agreement with the writer's views from the first and predicted a high value for the plant.

The search for information about the plant has been very interesting. But little has been found outside of botanical works in this country. English authorities however mention several forms common in that country that are used as forage, but the family does not thrive in that climate.

In Central Europe the Blue melilot is a well known and highly prized for the particular flavor and excellence of the Swiss dairy products; it is said to be due to its presence in their grasses. The exhaustive treatise of the German botanists Pent 1 and Engel, gives more definite information about the family. It notes the peculiar qualities of the herbage, the cumarin flavor, bitter salty taste and the large mucilaginous content. These have a peculiar medical value as a soothing and scattering remedy for inflammations, and also give to the young growth its rich succulence and forage value. This analysis explains the observed appreciation by all kinds of stock and is the natural outcome of its rapid development from its large storehouse of root food.

It is interesting to find in classical literature the most abundant and satisfying references to its distribution and value. The name *Melilotus* "honey flower," is common to the Latin and Greek tongues and is of frequent occurrence in their literature. The name suggests the reason. As honey then was used in place of sugar, bees and their favorite blossoms were highly regarded. Pliny, the Roman naturalist makes frequent mention of *Melilotus* and his writings show an intimate knowledge of its distribution and use. The following is a summary of several references.

Melilotus grows everywhere, is indigenous in waste and woody places, and gives it perfume to the whole place where it grows. It is the most highly prized in Campania in Italy and in Attica and Sunia in Greece and latterly in Chalcis and in Crete. In these countries not the white but the yellow is the more common, but in Italy the white is the more fragrant. It is here called the Garlands of Campania, because formerly crowns or wreaths

were made of it. It is most highly esteemed on account of its very fine and succulent leaves.

Another reference enumerates its remedial values. As a poultice with flaxseed or the yolk of an egg it is good for sore eyes. Mixed with roseleaves it relieves toothache, headache, earache, and swelling and eruptions on arms and hands. Steeped in wine or freshly bruised it is good for stomachache and also relieves piles, sexual disorders and all other ailments that may arise from the newly acquired use of ice water or raisin wine. Made into a ointment it is smeared upon cancer and is especially good for boils and ulcers. As it is still used in poltices and salves by our old country people we have here a precedent two thousand years old. We have record of its value as a forage plant, twelve hundred years earlier than this, as early as the Trojan War. Telemachus in his search for Ulysses comes to Sparta and is entertained by Menelaus, who as a parting gift offers him a horse. This he declines because on his rocky island home no Melilot grows on which to feed the steed. It is of interest to note that Melilot is still grown for horses in Asia Minor, just as it was 3,000 years ago. Virgil in a line in his third Georgic confirms the estimate of the food value of the plant. "If milk be thy desire with frequent hand feed Melilot." We have substituted the latin word for clover used in Dryden's translation.

It is of interest to note the difference in quality and strain shown in the forms described in different lands. Pliny's descriptions identify for us the two forms growing in this country. *M. Alba* with white flowers and *M. officinalis* with yellow blossoms and he vividly describes their most marked qualities. The German botanist give generic features and note rather a scattering growth and mingling with other grasses. The English forms are described as low or creeping annuals or perennials with too little vigor of growth for economic value as forage plants. Gray's Manual describes the species as growing from 2 to 4 feet high on New England roadsides, while Dr. Bailey in his Horticultural Encyclopedia says it grows from 3 to 8 feet high in Central New York. Now here in Northern Illinois I have measured the cut stems that were 10½ feet long and I

think that 12 feet is about its limit of growth. It seems that the soil and climatic conditions are especially favorable for the plant in our great Interior States.

Thomas Jefferson said. "The greatest service that one can render to ones country is to introduce a new plant to its culture." But here is a plant that has introduced itself, has proved itself everyway worthy of our highest regard and simply waits our hand to work the most benign results upon our fields and flocks.

Shall we treat it as a friend or still wage warfare against it as a foe?

WHAT THE FARMER LOSES BY BAD ROADS.

EDWARD A. ROSS.

Professor of Sociology, University of Wisconsin.

It is admitted on all hands that our roads are more backward than any other economic appliance in this country. There seems to be an under-investment of labor and capital in roads as compared with railroads, farm machinery, farm improvements, etc. For this condition certain reasons can be assigned.

1. Other species of transportation are in charge of private enterprise, and when a good opening presents itself, somebody is sure to see it and improve the opportunity. Roads, on the other hand, are entrusted to public enterprise, and the development of them depends upon a political majority. The enlightenment of majorities is a slow process.

2. The desirability of a railroad is ascertained by finding what people will pay for its services. This in turn depends upon the calculation each shipper makes as to the money worth of its service to him. The desirability of a given investment in roads has no such exact money measure, but must be got at by a vague estimate of its general utility, i. e., the total benefit to its users.

3. The worth of the services of a railroad is realized at freight offices and ticket offices. The utility of a highway, on the other hand, is not concentrated, but is as diffused as the users of the highway are scattered. In many cases only a fraction of the utility is enjoyed within the district that must raise the money for the improvement.

4. Other outlays of farmers, e. g. for machinery or seed or fertilizers, or good stock have a strong business interest behind them. But there are no drummers or glib agents out trying to sell good roads to farmers.

5. The doubting farmer can be induced to take an improved mowing machine on trial, but good roads cannot be taken on trial, and a piece of good road does not exhibit its full usefulness in increasing the size of loads on account of the stretches of bad road that flank it.

6. The more progressive farmers buy the new machine and the more backward get it later on, stimulated by their example. But good roads cannot thus be progressively adopted in a neighborhood. They must be adopted at a stroke.

7. The excellence of good machinery can be exhibited at county and state fairs, but good roads cannot be so easily exhibited.

8. The control of tax payers over outlay for road improvement is less perfect, and therefore less economical, than the control of a railroad corporation over railroad construction, or of farmers over the machinery they buy.

Everyone realizes *some* of the costs of bad roads, but very few have any idea of *all* these costs. Many of the losses are unnoticed, and never enter into the case against poor highways. The *economic* costs of bad roads may be listed as follows.

1. Extra traction required. A moving load of 2,240 pounds registers on the dynamometer as follows:

On a macadamized road.....	65 lbs.
On a gravel road.....	140 lbs.
On a common dirt road.....	200 lbs.

2. Roads wholly or partially impassible for a considerable part of the year.

3. Inability to utilize good natural roads, owing to necessity of adjusting the load to short stretches of bad road.

4. Waste of time of men and horses in not doing the hauling at times when farm work is slack. The same rain that makes the field too wet to work makes the road too muddy to use.

5. Waste of farmers' time in making numerous trips with small loads, e. g., taking fifteen days in getting the grain to town, when, with good roads, ten days would have sufficed.

6. Waste of farmers' time in resting horses on bad roads, and in delays, breakdowns, etc.

7. Bad roads subject team and vehicle to unusual strains, and cause an excessive wear and tear of harness, etc. How many blacksmith bills are chargeable to mud-holes and ruts?

8. The net result of a trip to town is not the total weight of wagon and load moved, but the weight of the load alone, i. e. the *live weight*. As the weight of the wagon cannot be reduced, bad roads do all their cutting upon the live weight. Thus the mud that reduces the hauling power of the team one-fourth, may reduce the paying load by one-half.

9. The fall in the value of land as we go out from town is more rapid than it would be with better roads. This is not a distinct loss, but simply one of the ways in which the above-mentioned losses register themselves.

10. Only rarely can the farmer take advantage of a sudden and brief rise in the price of his grain or stock in central markets. Nearly all the reward of prudent marketing is reaped by the local buyer.

11. Either market towns have to be closer together, i. e., more numerous, or else farmers furthest from town must fall behind in prosperity and intelligence. The evil works itself out in both directions.

12. The division of labor among farms and farmers is not what it might be. Those who would like to specialize on stock feeding, e. g., are discouraged by the difficulty of hauling hay and corn even a few miles.

13. The inferior processes of the neighborhood grist-mill are enabled to compete with the superior processes of the great flour mills.

14. Bad roads lead to narrow tires, and narrow tires in turn lead to bad roads. If there were no rutty roads, there would be no motive for making tires so narrow.

15. Unnecessary amount of land devoted to highway. We lay out sixty foot weed-beds because we expect to go around the mud-hole instead of filling it up.

16. Bad roads make the farmer excessively dependent on the buyers and merchants of the nearest town. Good roads would grant him the blessings of competition.

17. The short-comings of our highways compel railroads to be built closer together, and hence obliges us to pay earnings on a greater mass of railroad capital.

18. Railroads must keep on hand more rolling stock than the traffic would require if our roads were equally passable all the year so that the product of the farm could be delivered to the railroads more evenly.

19. Increased difficulty of getting tools and machinery promptly repaired. Less access to blacksmiths, farriers, veterinary surgeons, etc.

Besides these economic costs, there are certain *social* costs occasioned by bad roads.

1. Fewer rural delivery routes,—fewer daily papers taken by the farmer—less attention to prices and markets for farm products—comparative backwardness of rural population.

2. Reduces access of farmers' children to town high schools.

3. Lessens church facilities and church attendance, and multiplies the number of little, local, half-starved churches.

4. Less possibility of social gatherings, such as concerts, lectures, debating societies, singing schools, parties.

5. Prevents the intermingling of town and country population and accentuates differences of type.

6. Stimulates the moval of retired farmers to town, and thus abstracts from the country many of the most progressive and valuable residents.

7. Reduces social intercourse in the country, and increases the loneliness and poverty of country life. The heart hunger and monotony drive the rising generation from the farm to the city.

8. Farmers enjoy no prompt access to medical aid in cases of emergency.

9. Weakens the associative power of farmers. This is why they are so individualistic, so suspicious of one another, so unused to co-operation. Hence they fail to mass their forces for political purposes, and have less political weight than they ought to have.

10. At times keeps farmers away from the polls and thereby cancels their franchise.

11. Discourages communal life, such as is found in the farm villages of France or Germany, where the farmers enjoy the advantages of the village windmill, laundry, bakery, meat-shop, smithy, icehouse, creamery.

12. Town people enjoy fewer picnics and visits in the country, and consequently know less of country life, its opportunities and enjoyments.

PROFITABLE HOG RAISING ON THE FARM.

DAVID IMRIE, ROBERTS. WIS.

I hardly know how to discuss this topic at a meeting of the Live Stock Breeders of the State. All large manufacturers have chemists and experts examining their by-products hunting for any little waste, as therein often lies the difference between success and failure.

Wisconsin is pre-eminently a dairy State, the manufacture of milk, butter and cheese being her principal business. We should study conditions so that we can utilize all the by-products from the dairy and farm to the best advantage.

Some dairymen have tried feeding the skim milk to the cows, but with indifferent success. They were trying to get rid of the hog, but he is a hard fellow to down. They may think they have him down, sometimes when prices are below three cents, but in a year or two he is on top again, at six or seven cents.

The hog and the dairy cow work nicely together. You need the corn fodder but not all the corn for your cow, so the hog can take the skim milk and the surplus corn and get a balanced ration that is hard to beat. When a man has determined the kind of farming he intends to follow and has his fences and buildings suited to that particular line, don't change without first studying the matter very carefully.

The temptation to sell out a certain kind of stock, is always when it is low and go into something that is high—don't do it. All classes of stock have their ups and downs and with hogs these come closer together than with almost any other kind of stock. In my own experience I have seen hogs down to \$2.22½, and in the same market inside of two years, up to \$8.15. So don't be discouraged if prices are low—they will soon turn.

When prices are high, almost any one can make money raising hogs, but when the turn comes and prices drop, only the best stock men can make good. To make money at all times, we must have the right kind of stock. They should be deep, broad, long, compact and symmetrical, standing squarely on their legs; bone of medium size, clean and covered with fine silky hair; head and ears refined; disposition should be quiet and docile. After you have this class of stock, don't spoil them by improper feeding and care. I have seen breeders start in with good stock, and in a few years have them so *fine* that they are useless as breeders. They were running after some fad. It seems to be the disposition of breeders of all classes of stock to run after fads at times, until they realize (when it is too late) that they have hurt the breed—so don't do it.

Have the pigs farrowed as near one time as possible, as they can be cared for with less work. If of one age they will feed better together, and also sell better. In Wisconsin, April is perhaps the best month to have sows farrow, although for pork making, early May pigs are equally good. After farrowing, feed the sow light'y, increasing slowly for a week or ten days before you get her on full feed, then give her all she will eat up clean, three times a day, and get the pigs out on the ground as soon as possible.

As soon as they begin to eat, give them some skim milk and soaked corn as a side dish. Feed the young stock so that they

will develop a good strong muscular body, getting a good deal of this from June grass, clover, rape, etc., always adding some grain and milk when on pasture. I have found that pigs do better on a ration of clover, skim milk and corn; than clover, milk and shorts, as the latter is too narrow. Shoris or middlings are excellent feeds for pigs, if combined with corn or barley. We carry the pigs through the summer on these feeds, always having fresh water for them to drink. This is best supplied with an automatic drinking fountain attached to the water tank, or a barrel, keeping the barrel filled with water.

In the fall when the new corn is ripe, we commence feeding some of it with the old, until they are on new corn. They are then turned into a field of standing corn, large enough to last them about three weeks. In this field was sown at the last cultivation of the corn, three pounds of rape seed, per acre. This makes a good pasture, as well as furnishing the corn. We also feed slop, composed of barley meal and middlings. The corn fodder in this field is lost, of course, but it takes a good deal of work off of our hands at a time when we are very busy filling our silos and cutting the balance of our corn. And I have never found any way in which I could get quicker growth.

Of course, the breeding stock should be separated from those you intend to fatten, and not allowed to have so much corn. Give them a clover pasture and some grain, so that at mating time they will be strong and vigorous, and in the best of condition, with plenty of muscular development.

After breeding, they are fed like this:—whole oats, on a feeding floor, or in flat-bottomed troughs, in the morning. This keeps them on their feet for two hours or more. At noon they are given a slop of oatmeal, barley meal and shorts, this being fed warm. At night they get corn. Feed enough to keep them gaining all the time, so that they will be in good flesh at farrowing time, but not over-fat.

Their quarters should be kept clean and dry. Dryness is more essential than warmth, in a hog house. Don't make an "A" shaped hog house, and leave all the cracks open so that the wind can blow through. Make all the cracks tight by using shiplap and battons, and hang an old piece of carpet or bran sack at the door, and then you have a nice place for two or three

full grown, or four or five young sows to sleep in. Place this some distance from your feeding floor, and you have conditions right to give the sows exercise. It is well to give them the run of the barnyard as they must have exercise.

Feed the young and old sows separately, as the old ones may hurt the younger ones, and then they will get more than they ought to have of the feed. I prefer mature stock for breeding, but we always have some young sows.

If cared for in this way, you should have no trouble in getting them on the market at seven or eight months of age, weighing between 200 and 300 pounds.

SOME UNCONSIDERED AND UNKNOWN FACTORS IN THE BREEDING OF DAIRY COWS.

BY A. J. GLOVER.

Associate Editor Hoard's Dairyman, Ft. Atkinson, Wis.

The successful breeder of live stock is by no means an ordinary person. The man who shapes and moulds living things in forms best suited to perform their functions is a genius, worthy of being called great. Such men have lived, and they have left a lasting impression upon the stock that they bred. They found certain truths and held fast to them, but they did not discover all the truth. The problems of breeding are too intricate for the human intellect of one generation to solve them all, and it is very doubtful whether man will ever be able to comprehend and control all the principles that govern the science of breeding, for not only is animal life complicated and modified by environment, but improvement creates new conditions and brings new things for consideration.

The problems of breeding are ever changing us, we draw near to the ideal animal. In our search for truth, we often lay hold of false ideals and put emphasis upon the unimportant. Sooner or later we will drop many of the things which we are

now teaching and believing and put in their place more exact knowledge. Fads and frills, to a large extent, will disappear, when we put our minds on the true object for which we are breeding.

BEAUTY AND UNIFORMITY VS. RECORDS.

Beauty and uniformity have value even though they do not increase the milk production of the herd. Some breeders consider fancy points the primary object in keeping dairy cows. On the other hand, some breeders are judging the animal entirely from performance at the pail and pay but little or no attention to breed characteristics. While the principal end in the breeding of the dairy cow is milk, I do not believe that fancy points should be entirely ignored, neither do I believe they should be considered to the sacrifice of production. It seems to me that we have reached a state of development of dairy cattle whereby the record of the cow should form a part of the basis for judging her. The question is:

How many points out of 100 should be given the productive powers of the animal and how many to breed characteristics, which deal largely in making animals of uniform type and to conform to certain standards outlined by the different breed associations.

By productive powers of the animal, I mean her ability to produce young as well as milk. Is there not some way by which breeders of pure bred stock could keep yearly milk records and breeding records and in time formulate a score card that would cover all the points?

The fancy points are well worth considering even though the primary object of breeding the dairy cow is to produce those that are capable, but we must not lose sight of the fact that admirers of fancy stock are willing to pay long prices for the animal that not only rewards him bountifully at the pail but also pleases his eye.

PRODUCTIVITY AT THE PAIL—HOW MUCH DOES IT INTERFERE WITH
THE PRODUCTIVITY OF WOMB.

There seems to be a tendency among the highest producing dairy cows to become barren, or at least, be poor or irregular breeders. It is very important that the blood of the best animals should be transmitted to their offspring, and in turn through their progeny reproduce themselves, if the most desirable qualities of the best dairy animals are to be maintained and handed down to the coming generation.

Through the anxiety to make large records with the phenomenal cow, she is very often over fed, which from indications not only injures her digestive organs, but also her reproductive power as well. Over feeding may be one of the chief causes for barrenness and irregular breeding. Who can say?

Perhaps another reason may be due to the high development of the mammary gland, a condition which must be obtained to have an exceptional animal. The nervous system in the dairy animal is supposed to be higher developed than in beef animal. Is it probable that this condition may have something to do with the breeding power of the high class dairy cows? The udder is connected with the womb by a wonderful network of nerves called the sympathetic plexus and thence to the lumbar region of the spine. It might be inferred that excessive lactation would have a reflect effect on the womb. I might go on supposing other causes for irregular breeding and barrenness, but this is enough to suggest the importance of breeders giving this subject some serious attention and try to work out, if possible, some system work by which breeding records may be kept as well as of the milk and fat.

SHORT AND FORCED TESTS.

Too much emphasis has been laid upon forced tests—such as the weekly, 30 day, and the ones held at our expositions. These tests show what it is possible for a dairy bred cow to do in a short time, but they do not reveal her true ability—that is, to produce large amounts of milk and fat for a series of years and also produce strong and talented dairy animals. In other words,

it is very doubtful to me whether these tests, like St. Louis, advertise our dairy cattle in the proper way. , For example, perhaps a good intentioned but not well informed man makes up his mind to breed Jerseys, because they won at St. Louis, and he makes a few purchases, regardless of the ability of the animals. This man, to a certain extent, will expect his Jerseys to do as well as those at St. Louis, and if they do not, he is disappointed.

On the other hand, these tests, being a great deal like a horse race, the majority of dairymen that read of the results are not stimulated to get better dairy stock, any more than they are led to believe that they should raise trotting horses because Dan Patch paces a mile in 1:55 and sells for \$60,000.00. They think that this class of cattle is beyond them, and, therefore, they never take interest in them.

Futhermore, too many animals are made useless through the excessive work that they are called upon to do in a short time. Some of the best cows at the St. Louis Fair, are now worthless and their blood lost to the dairy world, because of this test.

I think we ought to emphasize the greater importance of the yearly test of cows, under ordinary dairy condition, over the weekly or 30 day test, or forced yearly records, for the reason that special tests are more apt to tempt men over the danger line. Then too, the yearly test, made under herd conditions is a better guarantee of the staying power of the cow and her real producing ability.

The Holstein-Friesian Association has a system of testing cows within 30 days after calving, and then again in 8 months. The Guernsey Cattle Club test one day each month during the year. The Jersey and Ayrshire breeders have similar tests. But the largest number of official records are made in seven days, which is too short a time to prove the merits or demerits of a cow.

The system of testing cows 30 days after calving and again in 8 months or testing them once a month, through the year, should be encouraged, for both systems give very satisfactory results.

In making yearly tests heavy feeding of meal should be avoided, for there are strong indications that over feeding impairs procreative powers of animals. We want cows that are large producers of milk and fat, but we also want them to pro-

duce strong and vigorous calves. Let us be enthusiastic about records but let us also consider other things which are quite as important to the breeder, if the highest type of animal is to be developed.

HOW SHALL WE BREED TO PRODUCE THE BEST COWS?

It is easier to ask such a question than it is to answer it. The aim of all breeders should be to produce superior cows. It is quite generally believed that daughters take after their fathers and sons after their mothers, in what might be called "preponderant heredity." Now, if this be in the main true, most breeders are working against the law in their efforts to breed on an improving and upward grade. They pay much more attention to the quality of the cow, as the parent of heifers, than they do to the bull. The true working of that law would be to the effect that good cow will reproduce her good qualities, not so much through her daughters as through her sons, to be shown finally in her grand daughters.

A diagram of the Darwinian law of descent would be like this:

Sire	Son	Grandson
Dam	Daughter	Grand-daughter

It is important that both the dam and sire should be high classed animals. But in the production of good heifers, is it not of more importance that the sire should be richly bred? Who can say with certainty?

Dauncey Theory—No greater breeder of dairy cattle ever lived than Mr. Philip Dauncey, who developed the Rieter family of Jerseys. His main object in breeding was to create an animal of great strength in constitution and capable of producing large yields of milk. He had the faculty of mating animals to produce his ideal, but unfortunately for breeders, this wonderful gift he took with him to the grave. We have, however, seen the results of his work and by this means have been able to judge the kind of animal that he developed.

Mr. Dauncey believed in coarseness rather than in finest of physique—coarse hair, heavy bones, and a coarse head were

considered by him indicative of bodily vigor and a constitution that was capable of resisting disease. The ugly looking head is one of the striking characteristics of the Rioter family, which have been noted far and wide as large produce and strongly developed animals.

In the scientific breeding of dairy animals such points as the above should be noted, and in due time there would be tabulated data, which would suggest or indicate whether coarseness of bone, head and hair, had anything to do with bodily vigor and a disease resisting constitution.

What Reveals Constitution—It is an axiom (?) among many teachers of animal and dairy husbandry that depth and width of thorax are indicative of great lung capacity and large hearts. Too frequently is it said that dairy cattle have not the constitution that the beef animals have, because they have less heart girth. The measuring of the size of lungs in both the dairy and the beef animals has been mostly from external observation.

In bulletin No. 81 from the Iowa Experiment Station, the weights of the hearts and lungs of four dairy and four beef steers are given and I reproduce them in the following table:

Dairy steers.

Breed.	Hearts.	Lungs and windpipe.
	Lbs.	Lbs.
Jersey	4.0	10.0
Jersey	4.5	10.0
Holstein	4.5	11.0
Holstein	1.5	8.5
Average	3.4	9.87
For each 1,000 lbs	2.89	8.42

Beef steers.

Breed.	Hearts.	Lungs and windpipe.
	Lbs.	Lbs.
Hereford	3.5	6.0
Hereford	6.0	8.0
Angus	2.5	6.5
Angus	3.0	7.5
Average	3.7	7.0
For each 1,000 lbs	2.88	5.46

From the table it will be seen that the dairy steers have considerably larger lungs and about the same sized hearts. If the computation is made, per thousand pounds live weight the lungs and windpipes of dairy steers are 54.6 per cent larger than those of the beef steers and the hearts only a trifle larger.

Since so few animals are brought into this calculation I do not feel like laying too much stress upon it, but these figures at least suggest that some other proof must be given besides external observation and measurements to judge the lung capacity of the animal, because, as a rule, the beef animal is larger in heart girth than the dairy. Would it not be well for some experiment station to take up this work and give us more data upon the comparative sizes of the heart and lungs in the dairy and beef animals; also whether the size of the lungs and heart are, in fact, indicative of a strong constitution. Dauncey laid great stress upon coarse hair, bones and head; Hoard thinks strong abdominal walls and strong naval development indicative of a vigorous constitution.

WHAT REVEALS PREPOTENCY.

I wish we could find some data to work on for estimating and teaching the outward indications of prepotency in males of the dairy breeds. This is the Crucial test of their value, yet no one seems to be able to point out how it may be determined. Some

claim that the bull with a temperament that can easily be transformed into viciousness has more prepotency than the calm, mild tempered and docile fellow, and the suggestion is that such a bull has a larger amount of nerve force. I am not ready to offer anything for or against this theory except to say that I have noticed that animals possessing a rather mean disposition seem to have wonderful ability to produce offsprings with a similar disposition and characters, although modified, more or less, by the other parent.

It has been suggested also that removing the horns from the bull tends to impair his prepotent powers as a dairy sire, because it takes away from him a certain amount of viciousness and self confidence, possibly nerve force. It breaks his will. He becomes more or less passive. From this we might infer that will power, aggressiveness, self assertion have something to do with the prepotent powers of the dairy animal. Is there not some method or means by which these factors may be determined with certainty?

It follows, as it seems to me, from this confessedly incomplete and unsatisfactory discussion of the subject assigned me, that there are quite too many unconsidered and unknown factors connected with the present day breeding of dairy cows, and that the breeders of dairy cows and that the breeders of dairy animals in Wisconsin owe it to themselves, as well as to the great body of dairymen who look to them for animals to improve their herds, to put more thought and closer study into their business and thus reduce the number of these unconsidered and unknown factors. Breeders of horses, sheep, swine and beef animals are, I regret to say, more nearly masters of the science and practice of breeding to a purpose than are the breeders of dairy cattle. There is greater co-operation among these breeders; they unite in displaying their live stock and in booming their respective breeds. Now, let us, as dairy breeders, follow their wise example and not only co-operate, display and boom our dairy breeds, but try to solve some of the unknown problems of breeding dairy cattle.

CONCRETE ON THE FARM.

PROF. G. N. KNAPP, MADISON, WIS.

So much has been, and is at present being written on the subject of Concrete that one may well hesitate in taking it as a topic. For the hope of adding anything new to the discussion must be prompted by a vain conceit; and evidence that the long suffering public is already feeling bored is not lacking. But the theme is alluring, and if the active interest of some one heretofore indifferent can be enlisted, the effort will have been well spent even though nothing new is contributed to the discussion.

There is an impression abroad, all too prevalent, that Concrete is a new thing—a fad; that it is being exploited by the class that are ever on the alert for the strange, the peculiar and the “new-fangled notions.” We are told that Concrete will have its day, as every dog has his day, as the bicycle-craze came and went, and as other crazes will come and go, so we are told concrete will go as it has come.

That concrete has suffered some at the hands of its over-ardent friends is not to be gain-said, but this is not a valid reason for condemning concrete. That concrete will go as rapidly as it has come into prominence is an assumption that would hardly seem to be warranted by historical facts.

Is concrete new? It has not yet been determined when the use of concrete was first discovered or employed. The Romans, under whose extraordinary advancement the art of masonry reached its highest development, and remarkably wide application, certainly used concrete and recognized it as a part of their masonry practice 2,000 years ago. They used it apparently for rather diverse purposes also.

A few weeks ago there appeared in the Engineering News a photograph of a bridge built by the Romans 500 A. D. An ordinary country road bridge with a span of 13'. This bridge 1,400 years old, still stands, and if one might judge of the ma-

sonry from its appearance in the photograph, the bridge would seem to be good for 1,400 years more of service. Is there, or is there not, in this a suggestion for Wisconsin Farmers who are paying bridge taxes for wood and iron structures— The concrete done by the Romans 1,500 to 2,000 years ago is still in good condition.

But, if concrete is a material of such extraordinary durability and adaptability, why have we not heard more about it until recent years? The answer to this is found in the price of cement. A few years ago a new process of manufacturing Portland cement was discovered by which a good product could be put on the market at \$1.50 per barrel at a profit; previously the prices had been \$3.00 and \$4.00 per barrel.

Engineers and the best contractors have long recognized superiority and adaptability of cement as a material of construction. They knew that even at \$3.00 and \$4.00 per barrel, cement was more economical than any other material for a large proportion of present structures. But with the high price of cement the first cost of such construction was too great. It was difficult to persuade property owners that with the high first cost such constructions could be economical.

The decrease in the price of cement therefore gave the wide-awake engineers and contractors the opportunity they had long wanted. The past 5 years has witnessed a most extraordinary development in this type of construction, the like of which finds no parallel in history; and, if we may take the concrete work of the Romans as an index of the enduring nature of this material, it may be inferred that concrete has come to stay. If all further construction in concrete were to cease the structures done in this material during the past 5 years would stand as monuments to the wonderful possibilities of concrete.

What part has the farm played in this development, or in the demonstration of the adaptability of concrete to modern construction? Are the possibilities of concrete taken advantage of on the farm, are they comprehended? To be sure concrete floors have come into general favor for stables, and have been used by the progressive few for many years. Cement mangers for cows, and troughs for hogs have been used to some extent,

and more recently, cement fence posts have been tried by a few. But when all these uses of concrete on the farm have been enumerated we still have but a very small part of the possible uses of that material. For instance, how many farm-houses are built of concrete? By this we mean all concrete, not exterior walls of concrete block, but the use of re-inforced concrete for floors, stairs, partition walls, etc., in short, a fire proof farm-house.

When it is re-called that buildings such as factories, warehouses, office-buildings, school-houses, apartment-houses, and residences are built exclusively of concrete in the city; no wood being used except for doors and windowsashes; the floors columns, posts, beams, girders, and even the roofs being concrete. When moreover, it is re-called that some of these buildings are 16 stories high, that in some of them concrete beams and girders are found 50 and 100' in length without intermediate support, we get some conception of the vast possibilities of concrete, and we are led to inquire again, why is not this material adapted to farm-house construction.

If we attempt to enumerate the pros. and cons. on this question, we find that the evidence is over-whelmingly in favor of such use, and practically the only reasons why it is not used, are that the method of construction is new, that farmers are conservative and have not fully realized the situation. I say the method is new, that is, the method of using a concrete re-inforced, for while concrete construction for foundations and for self sustaining masonry arches is old, re-inforced concrete construction is comparatively new.

1st., relative cost.—A concrete house need not cost to exceed 25 per cent more than a brick house, and under favorable conditions, the difference might be considerably less. That is, a \$4,000.00 brick house could be built in concrete for less than \$5 000.00. A \$2,000.00 brick house could be built in concrete for \$2,500.00.

2nd. Fire Proof Quality.—The concrete house is fire-proof, and it is the only house that is fire-proof; this is perhaps the most important consideration of all for farm buildings are entirely at the mercy of the accidental fire. Once the fire starts,

the building burns, that is all. In the city where the danger of fire from adjacent buildings is infinitely greater than it is in the country, thousands of concrete buildings carry no insurance whatever, and frequently, none on their contents, so great is the security against fire. The saving of insurance in a few years more than pays for the extra first cost of constructions.

3rd. Permanency.—The concrete house is a permanent structure; it does not deteriorate, but grows better with age, so that the expense of maintenance, repairs, paint, etc., are eliminated.

4th. Vermin Proof.—The concrete house is rat and mouse proof; it harbors no vermin of any sort.

5th. Sanitary.—The concrete house is sanitary; no moulding or decaying wood with its attendant odors, and all parts of the house may be easily and completely disinfected when desired.

The objections to concrete constructions on the farm may be enumerated as follows:

1st. Contractors as a rule are unfamiliar with the method of construction; they can not estimate closely the cost of construction, and hesitate to attempt new and unfamiliar work. Not infrequently they “knock” the constructions, and the less a person knows of a subject the better prepared is he to do a certain kind of “knocking,” for the imagination then is un-hampered by facts.

2nd. The adventurous contractor or novice, ever ready to attempt anything, is more of a menace to concrete constructions in the country than he is in the city, and of the menaces that threaten concrete, poorly executed work is by far the most serious.

Every consideration such as ultimate economy, safety, and comfort point to the constructions of farm houses of concrete. There is absolutely no question but that within 20 years, if not much sooner, concrete will be the prevailing type of construction for farm houses, where permanent buildings are desired.

Wisconsin is now just entering upon that stage of development when permanent structures are demanded; the pioneer

days have gone. Make-shift buildings which are a natural part of the early development of any new region, have had their day, and have served a useful purpose. But half a century is long enough to try out any region and to indicate its possibilities, and its place in the industrial system. In Wisconsin, this has been accomplished. The wide range of possibilities of agriculture in Wisconsin are fully demonstrated, but its peculiar adaptability to the live-stock industry is exceptionally well shown. The size of the farms has become relative stable; the proper location of the building sites on many farms have been shown through the years of residence; the type of buildings adapted to Wisconsin climatic conditions have been determined by the test of years. The land values have enormously increased, so that holdings that have remained in the same families for two or more generations have gathered unto themselves considerable wealth.

In the aggregate then there are a large number of farms in Wisconsin that are ready to build permanently; the present is opportune,—it is critical. Upon this generation has devolved the most important task of initiating a line of permanent constructions to serve an industry that is destined to run through generations and probably through centuries. Will we start right?

What possibilities in rural architecture are here! What does it portend if in building permanently we build wrong, or follow false ideals! It is perhaps fortunate that up to this time our farm buildings have been largely make-shifts, done in wood, perishable. Many of them are so unsanitary and unhealthy, and are such monuments of inconvenience that it would have been humiliating if they had been done in a type of construction so permanent as to have lasted another half century, for they would then become the butt of ridicule of a more enlightened generation. As it is we have the consolation that 50 years hence practically all of the present farm buildings will have disappeared, and the grand children of this generation will find few relics of the present irrational construction with which to reproach us.

If you build concrete, therefore, be careful how you build, for it will endure. Do not "visit your sins" of omissions or

commission "upon your children unto the 3rd and 4th generation," by perpetuating in concrete the errors of present constructions.

Are we then all wise as to what is the correct construction in farm buildings? Are all of the problems in farm building and arrangements solved? No! not by any manner of means. That stage it is hoped will never be reached. We grow or deteriorate, we progress or retrogress; there is no stand-still, and so long as we progress changes in methods and practices will be found necessary. It is not unlikely that a better understanding of the physiology and other vital problems in connection with farm animals will be discovered in the future, and will indicate radical changes in the methods of caring for the livestock, and with such changes will come changes in the types of building demanded, but we can not postpone the construction of the buildings at present needed in order to wait for more light, which may be delayed in coming. The only sensible thing to do then is to build as well as we know how in the light of present knowledge, utilizing so far as possible what our present knowledge indicates are the best principals, and avoiding things which are known to be undesirable from considerations of sanitation, health, convenience, safety, and economy. If our farm buildings are up-to-date when built, if they incorporate the best information of our time, we have nothing to fear from the judgment of future generations.

Wisconsin has reached that stage of development when the necessity for intensive methods in farming has become apparent. Land values have increased, competition has become severe, and the margin of profit is narrower than it was. It is evident that there must be a larger output for the investment in capital and labor; the farm must be run at its full capacity. The 160 acre farm that keeps 20 cows and raises 100 hogs and 100 sheep annually, is not run at a full capacity, if it is run as a stock farm simply. Such a farm is not unlike the manufacturing plant which runs at one-third its capacity; keeping the plant in repair, paying a small interest on the investment and making a living for the owner, but the profit is

small as compared with what it might be if run at its full capacity.

The ordinary Wisconsin stock farm requires an equipment in the way of suitable buildings, fences and machinery, and the amount of this equipment is almost proportional to the amount of the stock kept. A little calculating will convince anyone that a Wisconsin stock farm equipped to run at full capacity will require buildings and fences to a value at least equal to the value of the land, even where land values are \$100.00 per acre.

The first cost of equipment of a farm is too seldom appreciated; and when to this first cost is added the ever recurring cost of maintenance incident to rapid deterioration, the problem of farm equipment assumes threatening proportions. It requires but little argument to show that the only solution to this problem is to be found in a construction that will endure, one that will not deteriorate.

The fence problem is on the whole a serious one but it would be no problem at all if fences once built were permanent. It is the deterioration of the fence which makes it a problem. In other words, it is the maintenance and not the first cost of construction which makes fence construction a problem. If we have a form of construction that is permanent, and one that is adapted to the wide range of farm construction including buildings and fences, it is of tremendous importance, since this would solve the most important problem in American Agriculture.

Farm buildings and fences in Wisconsin in 1905, according to the 12th census, were value at \$29,000,000.00, and when we consider that these buildings were to a large extent makeshift affairs of a nominal value only, it is a safe estimate that these same buildings constructed in permanent form would be worth 3 or 4 times the value given. We have, therefore, in round numbers a sum of \$100,000,000.00 which the present equipment of farms in Wisconsin would cost if well constructed. When, in addition to this we recall that very few farms are run at full capacity, and that the present number of buildings are an insignificant part of what will be demanded in the future, the problems assume even greater proportions.

Have we in concrete construction the solution of this great problem? It would be probably unsafe to answer this question in the affirmative without qualifications, but it is safe to say that concrete offers a solution to a large proportion of these problems.

It is difficult to find types of construction on the farm to which concrete is not adapted. For fence posts it is certainly adapted, there are undoubtedly many minor problems or details in the manufacture of cement posts yet to be solved, but that concrete is adapted to this construction is demonstrated.

Figure 1 shows an end or anchor post for wire fence, which by an ordinary field test showed a factor of safety of at least 3; that is, it was tested by a 15 wire woven fence and was found to stand a pull three times as great as such a fence would be subjected to in ordinary use. This post cost \$2.40 for steel and cement, and required two hours' work of two men to set up the forms, mix the concrete and pour the post. There is no reason why such a post should not last as long as the concrete work of the Romans, viz., for many centuries.

That concrete is adapted to horse-barn construction such as stalls, floors, mangers, etc., is certain. Think of the satisfaction that the farmer would feel in knowing that his horse stalls and mangers were built once for all, that they would never need to be repaired, patched up, or rebuilt.

Many of the buildings on the farm that should be built in concrete are difficult constructions, requiring considerable skill, and should be undertaken only by contractors who have had considerable experience in reinforced concrete work. On the other hand there is a large amount of construction on the farm that should be done in concrete which the majority of farmers are perfectly competent to do, such for instance as floors and fence posts. To do such work a farmer need only to have had a half day's experience in actual mixing and laying of concrete, and to have mastered a few of the elementary principles involved—and these principles, be it said, can be mastered by the average farmer, in an hour or two hours of reading. Unfortunately there is at present no text covering the subject which is especially adapted to farm use, but such texts will no doubt appear in time.

It would be impossible in this paper to go into the details of construction of the many things on the farm that should be built in concrete, for it would require a considerable volume to adequately discuss and illustrate them. It may not be amiss however, to touch upon a few elementary matters, which, if we may judge from the discussions in current farm papers requires a little further attention.

1st. The properties of cement as compared with lime. Cement is a special form of lime; it has many, but not all of the properties of common lime, and has in addition, properties which lime does not have. Lime stone is essential to the production of both lime and cement, so the two products are similar as to their source, but whereas limestone alone is required to produce common lime, the production of cement requires, in addition to limestone other ingredients, such as clay. To make good Portland cement the ingredients must be carefully selected, carefully mixed in proper proportions, burned in a special way, and ground to powder. Expensive machinery is required all through the process of manufacture; a great deal more expense and care than is required in making common lime. Cement, therefore, is a special product and, like most other special products, requires special care, and more or less skill in its use in order to obtain the best results.

2nd. All Portland cement is hydraulic, that is, it will set, or harden, under water, which natural cement and common lime will not do. No fear need be felt therefore in using water in concrete work. Lime must have air in order to set properly; cement does not need air in the process of setting.

3rd. Portland cement sets quickly. A paste made of Portland cement and water will begin to set in 20 to 30 minutes, or even sooner, under certain conditions, and while it is possible to remix such a paste after half an hour or longer, and still have the paste retain its strength, this requires skill, and a familiarity with the property of cement. Therefore, a cement paste should be applied as quickly as possible after mixing, and should be mixed in small quantities or batches, so that it can be applied before setting begins. Any slight amount of water which cement can obtain will be used in set-

ting a part of the cement. Therefore cement must be stored in a dry place where water, or damp air, has no access to it.

4th. Mixing sand with cement retards the setting, so that a lean mortar made of 1 part cement to 6 parts of sand, sets much more slowly than a rich mortar of one part cement to one part sand, but still it is best to mix even lean mortar in small batches, so that it can be applied at once. In this respect cement mortar is in marked contrast with lime mortar, for lime mortar may be kept indefinitely, even for years without setting, if air be excluded. At this point is the proper place to call attention to a very common and very bad practice in the use of cement mortars.

It is a very common practice with mason's tenders using lime mortars to partly mix a batch of lime paste and sand the last thing at night as a start for the next morning. When a change is made from lime to cement mortars the mason tender very commonly falls into the error of attempting the same practice with cement; that is, he will mix up a batch of cement and sand dry at night so that in the morning he has only to add the water. This is exceedingly bad practice because ordinarily dry sand contains enough moisture to set half the cement, so that mortar made from a dry mixture that has stood over night is almost worthless.

5th. The function of water in setting cement. The setting or hardening of cement is a process of crystallization to which heat and water are essential. In hot summer weather cement sets very rapidly; in cold winter weather the cement sets slowly, or if the materials are below freezing, setting is suspended until the temperature rises.

When water is added to cement it unites with the cement and forms a crystalline substance somewhat analogous to the crystalline limestone from which the cement is derived. The strength which the mortar may attain depends on the nature of this crystallization; if the conditions are the best possible, the crystallization will be complete or perfect, and the aggregate will be bound together as tightly as rock crystals can bind it.

Water is absolutely necessary to the growth of these crystals; as essential as is water to the growth of corn. As a de-

iciency of water in the growing season means stunted or dwarfed corn or perhaps a failure of the crop, so also a deficiency of water in concrete when it is setting means that the growth of crystals will be partial only; the concrete will not develop its maximum strength, and may be a complete failure. At one point, however, the analogy fails, viz., whereas the corn crop may have too much water, the concrete work can not have too much water, at least not after it has taken the first set.

Proportioning mortars. Ordinary coarse sand has about 34 per cent of voids or unoccupied space between the sand grains, so that if we take three cubic feet of sand and we can pour one cubic foot of water into it. If it were possible to get cement into these voids, one cubic foot of cement would just fill the voids in three cubic feet of sand, and if the cement were to set in that position, it would give a dense stone without voids or pores; an absolutely water proof stone. As a matter of fact, however, it is a mechanical impossibility to get cement into the voids of sand in that way, and when we resort to the ordinary methods of mixing the sand and cement to fill these voids, the cement coats the sand grains, crowding them apart and swelling the bulk of the sand so that one part of cement will fill the voids of only about two and one-half parts of sand.

The finer a sand the larger the percentage of voids and the more the cement required to fill them. Other things being equal then fine sand is more expensive than coarse sand in concrete work.

Assuming that we have ordinary coarse sand, if one part of cement to five parts of sand is used, it is evident that the voids in the sand will not be entirely filled with cement. When the mortar has set the resulting stone will have the voids about half filled, it will be about half as porous as the sand from which it was made; that is, if the sand had 34 per cent of voids, the stone made by the 1 : 5 mixture would have about 17 per cent voids, which would be similar to the average sandstone used for building purposes. Such a stone would take up water, or allow water to pass through it, to about the same degree that common building stones do.

It follows that if water tight mortar is wanted, cement enough must be used to fill the voids of the sand. The strength of mortar is also proportional to the density, so that if the strongest possible mortar is desired, the voids of the sand must be completely filled with cement.

Ordinary gravel or crushed stone, like sand has about 30 to 35 per cent of voids. If we were to use clear cement to fill these voids, so as to make a water tight concrete, it would require about one part of cement to two and one-half parts of stone, but it is evident that a water tight mortar made of one part cement to two and one-half parts of sand will fill these voids in the gravel or stone just as well as will the clear cement. One cubic foot of cement mixed with two and one-half cubic feet of sand will make nearly three cubic feet of mortar, and this mortar will fill the voids in about six cubic feet of gravel, and will swell the volume of the gravel to nearly seven cubic feet. By using mortar of sand and cement to fill the voids in the gravel, we are therefore saving half of the cement that would be necessary if sand were not used; or stating the matter in another way, if we mix the right proportion of gravel with the sand, we obtain more than twice as much concrete with the same amount of cement that we would if sand only were used.

A few calculations here will convince any one that it will pay to look carefully after the proportioning of his sand and gravel in concrete work. On the farm most concrete work is done with bank gravel and sand, using it directly as it comes from the pit; very rarely is it screened and remixed.

Let us assume that a concrete floor is to be made and we have decided to use for the base of the floor one part cement, three parts sand, and six parts gravel; one cubic foot of cement, three cubic feet of sand and six cubic feet of gravel, when mixed will give about 7 cubic feet of concrete. Suppose now we do not stop to screen the sand from the gravel to find what proportion of each are present, but we just use the material as it comes from the bank; assuming that the proportions are right, we use seven parts of this bank gravel and sand to one of cement which is a very common practice.

If the bank gravel be two-thirds gravel and one-third sand,

then our concrete mixture will be about what was intended, but suppose that upon screening, the bank gravel is found to contain two-thirds sand and one-third gravel, then what is the constitution of the mixture made of one part of cement to seven parts of this material? In that case seven cubic feet of bank gravel and sand would contain about 5 cubic feet of sand and two cubic feet of gravel, and our mixture would be one part cement, five parts sand, and two parts gravel; that is, the gravel would be distributed through a mortar made of one part cement to five parts sand. This concrete would be about half as strong as the intended mixture of 1:3:6, and the resulting concrete would be no stronger than this lean mortar. The result would be that the concrete floor would be half as strong as was intended, and perhaps half as strong as we thought we were making it; it would also be very porous. Is there not here a suggestion or possible explanation why some concrete floors are not what we thought they were going to be?

But I hear some one say, "Oh well, probably the floor was strong enough after all," Let us grant this, let us assume that the floor is strong enough, that is, let us assume that the 1:5: mixture of cement and sand with some gravel through it makes a bed sufficiently strong for the purpose. Then it must follow that we had planned originally to throw away a large amount of sement when we proposed making the concrete 1:3:6.

Must we then screen all the gravel and sand intended for concrete work? Not necessarily. There is no doubt however, that taking the concrete work done on the farms the state over, it would be a splendid bit of economy if the gravel and sand were screened and remixed. Contractors find that it is not only necessary but economical to pay laborers \$2.00 per day to screen the sand from the gravel, and not infrequently they screen the gravel twice to obtain two grades. The economy is obtained in this wise. Knowing exactly the proportions of their aggregate they can put in just enough cement to obtain the desired strength in their concrete, and no more. By knowing exactly what they need they can save

enough cement to more than pay their laborers for screening the sand and gravel.

If we do not care to screen all the gravel and sand we may determine approximately the proportions of sand and gravel present, in the following manner; and having determined this we can readily calculate the amount of cement to use.

Make a box of rough boards twelve inches long, twelve inches wide, twelve inches deep; this is our cubic foot measuring box. Then we will take ten measures full of our gravel and sand,—a good liberal sample,—and in taking this we will endeavor to get as fair an average of the whole pile as possible. We will run this through an ordinary mason screen or riddle, or any other screen or sieve which will take out all the gravel coarser than one-fourth or three-eighths inches. After screening we will measure again the sand and gravel separately and we will have the percentages of each present in our material.

Having found the proportions of sand and gravel, we then calculate the amount of cement necessary from the amount of sand present. If the material is more than 65 per cent gravel and less than 35 per cent sand, it may pay to haul some clear sand to mix with the gravel, but whether or not this would be an economy will depend upon circumstances.

If there is more than 50 per cent sand, then in making our mixture we will disregard the gravel, and calculate the cement needed on the basis of the sand alone, that is, if we want a concrete equivalent in strength to 1:3 mortar, or 1:3:6 concrete, we will put in one part of cement to every three parts of sand present in the material; taking no account of the gravel. If any other strength of concrete is desired, the proportions must be calculated in the same way, disregarding the gravel.

If a job of concrete amounting to \$100.00 is contemplated a person should be able by calculating the proportions of his materials to save \$10.00 or more in this manner, and it should not require more than an hour or so to determine the proportions and make the calculations.

How to mix concrete. Having determined the proportions of sand and gravel, then take a wheel-barrow or box and

measure its capacity, using the cubic foot measuring box above described. If the wheel-barrow is large it will hold three cubic feet, if of ordinary size it will hold two cubic feet. If you can strike off the barrow with a board after it is filled, so as to obtain an exact measure, it will be well to do so. Measure all of your gravel and sand used in the concrete in this way. A sack of cement holds one cubic foot, or so nearly so that it may be so regarded. If your wheel-barrow holds two cubic feet then one sack of cement to two barrows of sand makes a 1:4 mortar, etc.

You will find men who have tended masons for years who can measure the sand and gravel exactly with a shovel; they take five shovels of sand to one shovel of cement, etc.; don't hire such men; they know too much; they are skilled workmen. It will be too expensive, and you can not afford it. Hire common laborers who have no idea how much a shovel holds. Show them how much two cubic feet is in a wheel-barrow, and see that they take just that amount every time.

Wet versus dry concrete. The old formula for mixing concrete was to put in just water enough so that the mass after mixing would be moist, or would have a consistency such that after a lot of hard tamping the concrete would be wet on top. But if you have had the opportunity to watch the pouring of concrete in the construction of some large reinforced concrete building, you will have seen that the mixture there used has about the consistency of gruel; the concrete is literally poured into the forms; the very best concrete is made in this manner.

The former of the above described processes is known as the dry mixture, the latter process is known as the wet mixture. There has been much written on this subject of wet and dry concrete, and each method has its partisans, but the results of the many tests and experiments seem to admit of the following conclusions.

1st, that dry mixed concrete sets more quickly than the wet and that at the end of one day, seven days or fourteen days, is stronger, but in time, say at the end of 6 months, or sooner, depending more or less upon circumstances, the wet concrete is the stronger. The difference between the two,

however, is not sufficient to be a matter of consideration. For practical purposes the strength of the two are the same.

The dry mixture has the merit that it will stand where it is put, until it has set, whereas wet concrete must have a form to hold it in place. Where surfaces with any considerable slope are to be made, dry mixtures have the advantage.

Wet mixtures have the following advantages:

1st, they require no tamping thus saving a large amount of labor.

2nd, they set more compactly making a denser concrete than is possible to obtain by a dry mixture, and are therefore stronger, for the strength is proportional to the density.

3rd, a more thorough mixing is obtained with the same amount of labor.

4th, the large amount of water included in the original wet mixture insures a better crystallization of the cement during setting than is likely to be obtained by adding water to dry mixtures after the concrete is laid.

5th, wet concrete flows into all the irregularities of the form thus making a tight joint and a good union of the concrete with adjoining masonry, where it would be difficult to tamp in the dry mixture.

There is no definite rule as to the amount of water to use in mixing a wet concrete, except not to use more water than can be kept in the mixture. Put in enough water to make the mixture thin and soup-like, so thin that a scoop-shovel will be necessary to shovel the concrete into the wheel-barrow or pail, and a water tight wheel-barrow will be necessary to carry it.

There is no objection to the old dry method of concrete mixtures, and if one has learned that process and knows how to get satisfactory results, a change is not advised, but if one is learning the business anew, it is best to learn the wet method, since it saves labor, gives more uniform work, requires less attention after laid, and is less likely to failure.

DAIRY CATTLE AND DAIRIES IN OTHER LANDS.

Mrs. Adda F. Howie, Milwaukee, Wis.

After ten days of sunshine and storm on an ocean as treacherous as a chronic politician, one must indeed be devoid of all sentiment who would not feel a thrill of exultation when, for the first time they see rolled out before them, Nature's exquisite panorama of the Emerald Isle; and it is then that one readily comprehends the fitting significance of the name.

It was at sunrise on a glorious day in June when this fairy land of luxuriant vegetation rose out of the sea before me, and my first impression of foreign agriculture and cattle was gained on the way from Queenstown to Cork; for the road led through one of the finest farming districts in Ireland.

All along the route were neat, thrifty appearing farms under an excellent state of cultivation; stone walls, in many instances topped with carefully trimmed Hawthorn hedges, bordered numerous fields of varying sizes, quaint, low stucco dwellings with straw thatched roofs and tiny windows were frequently to be seen snuggled among the more pretentious houses of stone and tile, and the perfect tillage of fields both large and small, gave ample evidence of physical vigor as well as intellectual skill.

It was while taking this journey that my attention was riveted on a somewhat uncouth specimen of the bovine race, and, when one is making an honest effort to give every breed of cattle its just meed of commendation, and, with no inclination of the black, rough little Kerry cow that is so dear to minor defects, they will find sufficient excuse for a casual mention of the black, rough littlee Kerry cow that is so dear to the hearts of Ireland's peasantry.

Under the most kindly conditions her usual yield of milk would rarely exceed sixteen lbs. per day, yet her flesh is of such good quality that it is readily turned into an acceptable article of beef that finds a welcome market in England.

Ireland with its wealth of picturesque scenery, enchanted

Elf-rings and mythical fairy lore cannot offer much in the way of a desirable dairy cow, and in a search for such an animal, we crossed the Irish channel and made our way into Scotland.

Never had I looked upon more beautiful herds than those thickly scattered, and quietly grazing in the Scottish meadows. On inquiring, I learned that we were passing through the county of Ayr, and that the cattle, challenging my earnest admiration were none other than the world renowned breed that had originated and been developed in this section of Scotland. I made a note of the location of some of the most thrifty looking farms, and after establishing headquarters in Glasgow, turned back to the fascinating attractions of Ayr.

I had secured a number of addresses and was informed that at Fairfield Mains might be found one of the best conducted farms in the country. Diversified farming with up to date methods and rigid system had made this place a model that might be pointed to with pride and satisfaction.

I left the train at Monkton, and had no difficulty in finding my way to the rural home where lived one of the most noted breeders of Ayrshire cattle in Scotland.

When the object of my visit was made known, I was cordially received by the entire family, and as each member was presented separately, it reminded me of the hand-shaking at a home reception, for a family numbering ten—five boys and five girls—is quite an imposing array; add to this the two guests from Kent, England, and one might assume that the house, although a large one was filled to its limit, and yet another found shelter under that hospitable roof. And still they asked that I remain with them for dinner.

My intention had been to take an early train, for Kilmarnock, where Scotland's Dairy School is located, but their cordial insistence caused me to yield to the alluring experience of "breaking bread" in the farm home of a strange country.

The young women were possessed of charming manners while their brothers were sturdy, honest-looking young men who spoke unaffectedly with wisdom born of experience.

Fifteen sat down to the ample, well cooked dinner, and it proved the most delicious meal I had tasted in many weeks.

It consisted of a nourishing pea soup followed by a roast of beef with several kinds of vegetables, and a dessert of tart and preserves.

Tea and cake were served a little later in the drawing room. After this appetizing meal we were taken to inspect the premises, and the Dairy of stone, with its rose garlanded walls would delight the heart of any one interested or indifferent to sanitary perfection. It contained two rooms for butter making, that were models of neatness and order; a separate room with large tank and heater for washing dairy utensils, while the two nearby stables or byres furnishing sufficient accommodation for 48 cows would bring forth exclamations of approval from the most enthusiastic dairy crank.

This stable was the perfection of cleanliness, from the well scrubbed cement floor that was fancifully bordered with a neat pattern done in whitewash to the immaculate individual porcelain feed troughs that were embedded in the cement. The cows stand in couples in double stalls and are fastened by chains around the neck.

The byre is thoroughly cleaned each day—the gutters being 20 inches wide and $2\frac{1}{2}$ inches deep at the walk, sloping gradually to $6\frac{1}{2}$ inches at the end of the stall.

The byres for young stock and quarters reserved for the head of the herd was up to the most critical standard of cleanliness—and, taken all in all, I have never seen such perfect arrangements for the care of cattle nor such thorough cleanliness—and, taken all in all, I have never seen such per-

The herd of pure-bred Ayrshires is composed of about 80 head, young and old, the milking cows were quietly grazing in a nearby field and afforded a beautiful sight. There were 30 royally bred matrons, with an average yield of 700 gallons per year, some giving as high as 56 lbs. per day, while the butter fat falls a trifle below 4 per cent. One of the favorites of the herd, called Queen, was a fine type of the dairy conformation much appreciated in show rings. The famous cow Lily, whose stock is in great demand is a valued member of this herd, and the young man modestly told me of sending cattle to Finland, Norway and Sweden, Australia, Canada and the United States.

The farm comprises 340 acres, and while the breeding of pure-bred cattle is a prominent feature of the business carried on here, a ready advantage is taken of every line that will ensure a gratifying profit.

At the time of my visit the flock numbered 240 sheep, but from September to December, it was expected that as usual they would feed and finish 500 for the market, for, after the immense crop of early potatoes has been sold and harvested, the ground is at once sown with Italian Rag grass or Rape, and while the sheep are lightly grained, when on this pasture, they are hardened and finished with a generous grain ration.

Seventy-five acres of early potatoes are planted each year and are dug and marketed before the middle of August. They are sold in the field to wholesale dealers who bargain for the entire crop at a certain price per acre, and then engage gangs of men to dig and sort them. A large amount of hay, oats and wheat, besides quantities of turnips and mangles are grown yearly.

The wheat in many instances yielding as high as 64 bushels per acre, and one year the record credited the yield at 76 bushels.

The seven work horses on the farm are pure-bred Clydesdale and each year there is raised and put upon the market at least one foal. One six weeks old youngster brought the gratifying sum of \$750.00. An interesting sight on this farm was the immense sheet-iron hay ricks, and my attention was called to the *American* hay fork that played an important part in distributing the precious fodder. A brief visit to the well kept garden, and the train was so soon due, that I took my departure for Kilmarnock where Scotland's Dairy School is located.

Early next morning, I found my way to the Dairy School and on arriving was informed that Professor Drummond had gone for his breakfast and until his return, I looked about the premises.

The building was conveniently planned and scrupulously clean; the floors were of cement and the entire walls faced with white tile, a band of light blue running around the sides a few inches below the ceiling making a pleasing bit of color as a frieze.

My inspection took me first to the cheese room, where a number of students were preparing the curd; then into the butter making apartments where other pupils were getting things in order for the day's churning. They were a wholesome, jolly lot of young people with pleasing manners and inspiring energy.

On Prof. Drummond's return, I was provided with a companionable escort, who was competent to give any and all information desired. Every part of the building was visited. The cow byre, the pigs' sty and Poultry department. The cow byre was on much the same plan as the one at Fairfield Mains, Cement floors and no platform of wood or other material beneath the cows.

It was whitewashed and clean and while not fitted up to my ideas of an ideal cow stable, it was nevertheless, an attractive place. On returning to the school building, we found in the cheese and butter making rooms—energetic groups of students engaged in testing milk, making different kinds of cheese, churning and working butter,—in short, doing the manifold duties needful to dairy education.

A Gerber milk tester is given preference here, and all cream is pasteurized before it is made into butter.

At the time of my visit—early in July—thirty pupils were enrolled and the senior class numbering sixteen was evenly divided as to sex.

The Poultry department was in charge of Miss McNaughton, and while it was a recent innovation, the progress seemed satisfactory. Four incubators were in operation and students were engaged in testing the fertility of eggs. An interesting feature was the demonstration of forced feeding. A number of fowls were closely cooped and fed with a stuffing machine. Sussex ground oats and Barley meal in equal parts moistened with sour skimmed milk; they were given no water, yet, by this process had gained two pounds in three weeks.

On the first Saturday in every month this school is open to visitors, and once a year a large delegation from Fenwick is entertained. This was the day set for the annual visit, and about sixty farmers with wives and daughters were welcomed as guests.

Pupils may attend this school any length of time that best suits their convenience, a day, a week, a month or they may take the entire three years' course.

The register contains the names of many young women of pleasing appearance and intellectual attainments who have here gained a practical knowledge that will enable them to successfully cope with all the intricate problems of scientific dairying.

It was a dull, rainy morning when I called at 13 George Square, where the Agricultural college of Edinburgh is located, and although Prof. Wallace was absent from the city, I was well entertained. Mr. W. Scott Steavenson and Mr. Berry had been testing cows at some of the public asylums, but as a rule, found the average farmer of that locality loath to adopt the weighing and testing method of determining a cow's working value.

They took refuge in the well worn excuse of the additional time consumed.

The classes were not in session as most of the pupils were putting into practical use the lessons learned during the school term. I was informed that it was becoming a difficult matter to find women milkers and in many instances they were obliged to employ men for that work. They were quite enthusiastic in commending a strain of short-horn cattle for a valuable dual purpose breed, and I was told that on nearly all the dairy farms, the cows were bought, milked a season and then turned into beef. This enlightenment afforded an inkling as to the cause for the scarcity of *women milkers* for to my mind it was quite apparent that this course would be a most discouraging method of developing the highest qualities of a dairy animal.

At Newton Rig, where the experimental farm for Westmorland and Cumberland Counties is to be found, Mr. Lawrence who has charge of the school conducted us through the buildings and over the farm. They were making a feature of developing a milking strain of short horns and I was told that a sire of pronounced dairy conformation was invariably selected and that milking qualities were never sacrificed in order to encourage a beefing tendency. By careful

mating and selection, their cows gave large yields of milk with an average test of $3\frac{3}{4}$ per cent fat. They were turned off after the fourth year and those that did not develop in a satisfactory manner were disposed of the second year and they did not breed from them. The cows gave milk at least ten months in the year and some even longer, while they had cases where it had been difficult to dry them before calving. And while the cows were not eligible to registry a registered sire was always kept at the head of the herd.

Miss Thompson was in charge of the dairy pupils and the young men and women were instructed in the art of milking, cheese and butter making.

The cheese made here was of a superior quality and the demand was greater than the supply. More money could have been realized by employing a slightly different process in manufacture, but the reputation they had acquired was held above the coin of the realm, and they were content in the consciousness of having produced the choicest article to be obtained.

Experimental breeding of Poultry was also practiced on this farm and in an effort to secure a valuable dual purpose bird no violent crosses were attempted. The mating of white Leghorns with Houdans was expected to secure a greater amount of breast meat on an egg producing fowl.

The well kept grounds with its trained shrubs and wealth of brilliantly tinted flowers, blending harmoniously with the more practical trees, vines and berries, was an object lesson to impress one as to the value of horticultural training in beautifying home surroundings.

The plain, substantial building with its comfortable furnishings and homey atmosphere was a charming haven for ambitious students who would revel in the joys of nature and the blessings of home life.

If one is really interested in dairy cattle, a magnet of the Channel Isles will draw them from England over the turbulent waters of a dangerous course to the enchanted ground where noted breeds of cattle are reared and developed into creatures of symmetrical perfection and practical worth.

Establishing headquarters in St. Peter Port, on the Isle of

Guernsey, I took the first opportunity to inspect the small province of Alderney. The island contains less than 2,000 acres, is nearly four miles long and about one and one half miles wide. More than two thousand people inhabit this small country, and although the forbidding, rocky coast might presage a chilling reception, the people are cordial and unaffected. Mr. Thomas Shane has the proud distinction of owning the largest farm in Alderney. It consists of 52 acres. His herd is comprised of about 70 head, including young and old; one of the favorite strains is originated from a prize winning cow called Nellie. He now owns a number of her sons and daughters and many of them have won distinction in the exacting Island show ring.

The Duke of York, an animal deserving of special mention, on account of his pronounced dairy form, has won the Island prize as a young bull, and a year later carried away the highest honors as a mature animal.

In order to secure strong progeny a bull is not considered fit for service under two years of age. All animals of both sexes are raised, the surplus males are kept until two years old and then turned into beef.

In this herd grain is rarely fed and valuable cows are kept until eighteen or twenty years of age. Their diet is upland grass, clover and Lucerne, and one notable advantage is that the cattle may graze the year round.

During sleety storms or snows, they are stabled, but climatic conditions are such as to enable them to be in the open air at all seasons of the year.

During the winter months the pasture is supplemented with mangles and carrots and instead of being permitted to roam over the fields at will, each cow is tethered by a twenty foot rope, which allows her to consume all the grass within that space and prevents her from tramping down that which she does not eat; this system is called "Pegging out." The cattle are hanged from one feeding ground to another three times daily, and while a saving in pasture is assured by this method, it is also believed that cows fed in this manner yield more and better milk. It certainly has an advantage in protecting the

balance of the herd from belligerent members, as the cows are placed far enough apart to assure safety.

In the nearby town there are public watering troughs and the cattle are led to them twice daily. On many of the farms there are excellent springs and at a depth of from ten to twelve feet a supply of good water may be found.

Mr. Shane when close pressed admitted that at times he fed from six to eight pounds of bran.

On this Island, a heifer is not permitted to freshen under thirty months of age, and in order to give ample time for development many are thirty-six months old before becoming producers.

At time of freshening, great caution is used. If the cow is a heavy milker she is carefully dieted for some weeks, and for several days after calving her loins are protected from the sun or dew by a blanket or bag.

She is milked three times daily for about two months and after that twice daily is deemed sufficient. The cows milk for ten months and are allowed to go dry six weeks. When drying, great care is used in order that no old milk remain in the udder, consequently the udder is tested five or six days after the cows is supposed to be absolutely dry.

The laws for keeping the best stock on the Island are rigid, and no owner may sell a prize winning bull within one year after the award, unless he refuse to accept prize money. In that case the animal may be disposed of at any time. And while the cattle of this Isle are so similar in appearance to the native stock of Guernsey that it would require an expert knowledge to detect any difference, a separate Herd register is claimed, and any suggestion regarding an alliance with that breed is scornfully repudiated.

Guernsey boasts a census list of 40,300 people, while the Island is but $9\frac{1}{2}$ miles long and 5 miles broad at its widest point. Ten of its sixteen thousand acres are under cultivation, and the balance is said to be in grass. There are numerous greenhouses and large quantities of hot house grown flowers, fruit and vegetables are shipped to England and France. In most cases the individual arceage is small.

Hon. Molesworth owns one of the choicest herds to be found

on the Island and while the owner was not at the farm when I called, Mr. John F. Sparks, who had been all his life with this breed of cattle and who at one time was herdsman for Prince Blucher who owns the Isle of Herm, gave me an interesting account of the management.

This herd is composed of about 30 cows, many of them notable prize winners and although the stabling would not be regarded as ideal in a rigorous climate the cattle are most tenderly cared for. No one is permitted to speak harshly, to swear at or strike an animal, and the herdsman had a resolute gleam in his eye when he informed me that any infringement of this rule would mean an instant dismissal of the man, who had been reckless enough to tamper with it. Some of the best milkers would average 321 lbs. per day and while no test more accurate than the tube was made, it was estimated that the average amount of butter-fat would be close to 4 per cent.

A new born calf is sprinkled lightly with salt and the mother is encouraged to fondle and lick it. It remains with her three days and is then fed three quarts of whole milk both morning and night, for several weeks. After that length of time skimmed milk and a patent calf food called "Milkine" is given until the calf is five months of age when ground oats and bran scalded into a warm gruel is fed at the rate of four quarts daily, divided into two feedings. After freshening the cows are milked five and six times during the 24 hours for four or five days and then twice daily at five A. M. and at 2:30 P. M.

They are given a ration of 5 lbs. grain consisting of two parts ground oats and one of bran with a 25 lb. allowance of beet roots.

The milk is weighed one day in each week and in this manner a yearly amount is estimated.

The milk business and dairy building are under the sole management of Mr. B. A. Hiscock, a young man whose agricultural education had been gained in one of the dairy schools of England. The neat appearance of the building, the dazzling polish of the milk cans and the cheery way in which he spoke of the daily routine and methods, evidenced his deep interest in and perfect fitness for his chosen occupation.

Another of the larger farms visited was that of Mr. Ozanne.

He has 80 acres, which includes orchard, greenhouses and a perfectly kept garden. On this land he keeps about one hundred head of stock. Even when on summer pasture the cows are given a liberal quantity of bran and ground oats, in winter roots are added to this ration.

Lady Roberts, one of his choicest cows, has won \$390.00 in prizes last year; having taken first on the Island in a class of 84 and first at the Royal show in England.

Her owner confidently made claim of her being the best cow in the Kingdom, her daughter adds luster to the cattle world for she is also a prize winner of splendid style and finish.

Notre Dame, another fine type belonging to this herd, had taken 2nd prize in the great London show. St. Amant, the magnificent creature that stands at the head, is four years old; has taken first prize on the Island and at other cattle exhibitions. A noteworthy feature in his genealogy is that every descendant on his sire's side, from the establishment of the Island Herd Register in 1870, has invariably won first honors.

No more worthy specimen than St. Amant could pose as an impressive object lesson to the value of judicious selection in breeding for quality and conformation.

Mr. Ozanne's herd has numerous representatives in this country, and his many years ceaseless effort to improve the quality of the Island cattle has ranked him among the foremost breeders of the old world.

Guernsey, with its quaint, attractive St. Peter Port, pleasant roads and restful byways, is a fascinating spot that is hard to leave; yet beckoning to me, with its dimly outlined coast faintly showing above the thirty miles of restless, treacherous sea, was the Elf-land of the Channel, magnetic in its wealth of picturesque scenery, balmy breezes, contented people and the dearest, daintiest and most refined type of dairy cattle on earth.

Jersey is the largest of this Island group. It is twelve miles long and about seven in width, and more than 52,000 people dwell within its borders.

The land is divided into small holdings. The largest farms rarely exceed 20 acres, and, it is not unusual to find highly cultivated plots containing no more than two or three.

St. Helier is the principal town and boasts nearly 30,000 inhabitants, while charming little villages are scattered throughout the Island.

Every land owner keeps one or more cows and the small dairies where primitive methods are still employed are a source of pleasure and interest to curious strangers. The fertility of the soil is jealously guarded and tons upon tons of seaweed are gathered at low tide to spread upon fields and gardens.

One of the most noted breeders in Jersey is Mr. LeBroeq. His herd contained 30 animals that had been carefully selected for dairy qualities. His methods of care and feeding were much the same as practiced in Guernsey.

At Grouville, I found a number of small farms so skillfully conducted that the results would prove a revelation to the American farmer who believes that nothing less than half a section can yield a comfortable living to the average family.

Among these farms was one that had been managed seven years by Mrs. F. P. Valpy. Twelve cows gave their assistance in keeping up the excellent reputation of her dairy and the young stock were handsome thrifty creatures. Everything about the place indicated a prosperous condition. Her dairy room was neat and attractive—a De Laval separator and modern churn spoke eloquently of progressive methods. A number of her cows had been highly recommended by the Cattle Club's examining committee and Theresa, Susanna and Susanna 2nd were the favorite pets. Her home was a model of cleanliness and artistic beauty and the cordially proffered cup of tea was as nectar to the "stranger in a strange land."

At Larocque a model farm is to be seen. It is owned by Mr. Bree and is one of the largest on the Island, containing twenty acres and in addition to his own land Mr. Bree rents ten more. As two crops are always grown, it may be counted as double acreage. The first crop of potatoes is planted in February and March and mature in time to raise a second crop of tomatoes, mangolds or carrots. An orchard adds materially to the revenue, and in addition to thirty head of choice cattle a goodly number of hogs and a flock of profitable poultry are kept. Seventeen cows were supplying milk for the dairy,

and for years members of this herd have won honors in the show ring.

Their owner modestly brought forth the numerous medals of gold, silver and bronze to testify to their merits. One of the most highly esteemed matrons in the herd is "Nursie," who, three hundred days after calving made in a public test 2 lbs 7½ oz. butter in 24 hours, thereby winning the silver medal for her owner. Marionette, another magnificent specimen, made in public competition 3 lbs. 4½ oz. while her daughter's yield was three pounds in a single day. These cattle are cared for with a rigid system. In winter the cows are allowed on pasture only a few hours during the middle of the day and are fed hay and roots in a clean, comfortable stable. Like nearly all Island cows they are tethered and a ten foot liberty is the range. Heifers freshen at from 22 to 24 months of age, according to size and development. After calving, cows are milked three and often four times daily until the flow of milk causes no inconvenience to the cow.

Calves are always left with the mother for three days. The surplus male calves are killed at the end of that time.

Some of the cows are never dry but it is preferred that they be dry for one month. The calves are fed no more than 1 quart of milk at a time, for the first few days. After that the quantity is gradually increased; bran and hay is given later and, if a calf is affected with scours, carminative chalk is regarded as a safe and speedy remedy.

The dairy cans are fashioned after the Jersey pattern, holding three gallons. While milking they are covered with a sagging cotton strainer in the bottom of which is placed a flat sea shell to prevent wear on the strainer, keep the milk from splashing and to retain any sediment that may fall upon it during milking. The dairy is a spacious room with up to date separator and churn. The walls are decorated with an almost continuous frieze of certificates which have accompanied awards of gold, silver and bronze medals for both stock and product.

The hog pens and poultry quarters were exceptionally clean and well arranged. The poultry confined in long narrow runs,

some of these yards were situated across the road and a sub-way passage connected them with sleeping quarters.

Another ingenious feature of the poultry house was a small opening large enough to admit the fowls, leading in a circular way to the upper story. This was to guard against theft.

Beside the father and son, six men are employed to work the farm. Several generations had occupied the house and a young grandson was looked upon to take the place of those who in nature's course would pass to the beyond.

The farm buildings were substantial and sweet with oft repeated whitewashing. The large roomy dwelling contained bath room and modern range with numerous other luxuries, that are to be found only in the homes of wealthy and refined people.

Many other farms were visited but the methods are so similar that it would be but a repetition of what has already been written, and still one feels an inclination to loiter for months in the peaceful atmosphere of these tiny, well tilled farms and attractive homes with their courteous, genuine, hospitable people, their tenderly cherished cattle, the smooth roads winding through shady nooks with hedge bordered lanes, and on all sides, forever and forever, in changeful moods, the swirling waters of the English Channel.

Back to London—and I find a letter bearing the seal of a tiny red crown and the imposing stamp of Buckingham Palace. It is a valued permit to visit the Royal farms, from his gracious majesty, King Edward.

At the appointed time, our carriage drove through the Royal gateway of the show farm where we were cordially received by the King's Land Stewart, William Tate, Esq., who conducted us from building to building. And while this farm contains 1,500 acres, so much of it is given over to parks, recreation grounds and fine drives that no more than 500 acres are under actual cultivation.

The barns are comparatively simple in construction but neat and attractive, as one would naturally expect. One hundred dairy cows are kept, and this number is evenly divided between pure-bred Jerseys and grade shorthorns. Iron King, a magnificent specimen of his race with a glossy coat, most ex-

quisitively dappled, is the favorite head of this herd. He is of the Golden Lad strain, and it would be difficult to find an animal that would score nearer perfection.

Many of the Jerseys were Island born, and their excellent type was a speaking tribute to the judgment of the one who selected them.

These cows are milked twice daily, with the exception of a few days immediately after freshening, when the milk is drawn from the udder from three to four times daily as conditions require. The heavy milkers are most carefully dieted before calving.

One of the most beautiful dairy types I have ever seen was "Kittie Rose," a royally bred cow direct from the Island.

Mr. Tate had nothing but words of praise for the Jersey breed and scoffed at the prevailing idea that they were too tender for practical needs, saying, that with good care they were as hardy as any cattle. The young stock were a beautiful healthy lot that could be seen to the best advantage in the ideal surroundings. Mr. Tate confidently remarked that in all probability they would not be obliged to draw on the Island for new blood in some years to come.

The fat stock occupied other quarters and a half sister of the renowned short horn cow, Cicely, was a notable feature in the bunch.

The styes were occupied by a lot of fine Berkshires and the neatness of the quarters and deep bedding brought forcibly to mind "Pigs in Clover."

The Royal dairy was the next stopping place and in driving to it we passed the mauseum where England's beloved Queen and her Royal Consort are at rest.

The artistic dairy building was erected in the 21st year of Queen Victoria's reign. Outwardly it is a modest appearing structure, yet the interior is both practical and beautiful. The walls, floor and ceiling are of glazed minton tile, and at intervals in the decorative frieze are marble medallions, representing the Royal children.

These medallions are the work of some of the most noted sculptors, as are also the exquisite marble busts of the late queen and Royal consort, conspicuously placed near the en-

trance—while statuary and fountains beautify the room. Four large panels in tile, artistically representing the four seasons, Spring, Summer, Autumn and Winter, ornament the side walls. At each end of the dairy is a majolica fountain, while on one side stands another, a beautiful water nymph, pouring water from an antique jar.

The light is filtered through exquisite stained glass windows in which thistles, shamrocks and harebells are gracefully mingled in pleasing designs.

The long dairy tables are of solid marble and beneath extending the entire length are reservoirs through which a stream of pure, cool water is constantly kept flowing.

The milk is stored in large oval shaped porcelain pans, decorated with a dainty blue band.

The methods employed are primitive and while a small separator stands in a nearby room it is never used. Perhaps the best reason for its remaining idle was given by the big hearted Englishman, who laughingly responded to my query with, "The skim milk is always given to the poor and I don't believe it will harm the poor if a bit of the cream is left in."

And, again, "I don't mind if the calves have a trifle added to their ration."

About 30 lbs. of butter per day is the average amount churned and it is never salted.

A road through a fine park leads to the Flemish farm where a hundred head of Herefords and Devons are kept.

At this place a number of men were engaged in stacking grain and each finished stack was a veritable work of art.

From the Royal farms I turned with happy, dignified inspiration for the sweetest and most pleasing impression was of a small, immaculate dairy and a mighty sovereign, who, with all the riches of a great and powerful kingdom at her command, had deemed it of sufficient importance to tenderly embellish it with her choicest treasures—the sculptured features of her loved ones.

In France, at Versailles, there is a broad, pleasant walk that leads from Little Trianon to the farm that Louis Sixteenth caused to be laid out after the style of an English garden, in an effort to give pleasure to his queen, and it is here a charm-

ing little Hamlet is to be found. There are a number of quaint cottages, built by Mique and Roberts in the seventeenth century for the accommodation of the Queen and Court ladies, who took delight in the idyllic life which we are told became the fashion at that time.

Perhaps one of the most picturesque and interesting buildings is the little dairy. It is fashioned along pleasing and symmetrical lines and boasts a tower.

In this tower room was undoubtedly where the Royal milkmaids kept their milk, for a stone shelf or bench encircling the walls was evidently intended for that purpose. There were several rooms of different sizes and the milking shed, with moss grown, thatched roof, so near that it was almost a part of the dairy building.

More than a century has passed by, and still the traveler from every land makes pilgrimages to the farm where Queen Marie Antoinette once sought the peace of a simple, wholesome life. It is an attractive spot and requires but little imagination to people it with bygone generations of the nobility or to feel a genuine sympathy for the unhappy Queen who was robbed of husband, children, love honor, and at last, went willingly to the scaffold to give the life that had become a burden.

In Switzerland the Agricultural school is delightfully situated, overlooking the blue waters—Sempach Lake. Herr Roisli Frey, an important member of Parliament, has established a system of practical farm education on his own estate, where students may take a course of intellectual and manual training in the science of agriculture, horticulture and dairying. Pupils are received for from two weeks up to as many years and, after a certain amount of experience is acquired, are given a generous recompense for their labor.

The farm, considered a large one in this country, contains 108 acres, and a great portion is devoted to pear and apple culture. Seventy head of cattle are kept, a part of which are Simmenthal, although the milking qualities are not regarded as equal to those of the favorite brown Swiss. These cattle are tenderly cared for, are brushed and curried daily, and a careful individual record, not only of the milk yield, but also

of its fat contents is kept. These record books are in charge of the students and while the figures indicated no more than what an American dairyman would regard as an ordinary yield, it was a pleasure to look over the uniformly neat pages, and note the painstaking care used in recording every item.

The barn, a large structure, is well ventilated and clean, and, while up to date plans would suggest more light, the sanitary condition was highly commendable.

In the pear and apple orchards, the trees were so heavily laden with fruit that it was found necessary to prop up many of the lower branches.

They were putting the presses in order for the annual cider making, and from the number and size of the vats, a large amount must have been expected.

After the juice has been extracted from the fruit, the pulp is subjected to still another process from which Schnapps is made. It is then firmly packed, cut into small round cakes, dried on frames, after which it is used for fuel, and affords sufficient heat for cooking purposes.

Aside from its attractions as an Agricultural School this place would prove of more than passing interest to one not inclined towards rural pursuits, for Castle Warfersee was built in the fifteenth century and although a modern tower was added some two hundred years later, the building today remains much the same as when its massive walls were first constructed, and it is rich in ancient hardware, time stained panels and quaint antique furnishings. A magnificently carved chest of drawers, taken from an old cloister, a beautiful dower chest that had been handed down from bride to bride for many generations, a tile stove of the long ago, and numerous other valuable bits of furniture made it a veritable store house of antique treasures.

This beautiful Swiss home must have ever been occupied by a dignified race of peace loving, soil tilling people, for conspicuously wrought in the age seasoned wood of the castle's most imposing room was the ancestral motto that might fittingly serve for a nation's emblem. Translated it read:

“The plow in the field is the best weapon.”

In certain parts of Switzerland some of the mountains in places are fairly terraced by the grazing cattle, for, the only way in which they can secure a foothold, is by waiking back and forth across the steep sides of their almost perpendicular pasture.

In the Spring they follow the melting snow line up the mountains where small sheds are built in which the milk is manufactured into butter or cheese. In the Fall, the herdsman brings them down to the valleys. The surplus stock is carefully culled from those thought desirable to keep during the winter and it is sent to be sold on a day set apart for that purpose.

In one locality the annual sale takes place at Interiaken, and from early dawn the musical chimes of the Swiss cowbell could be heard, as drove after drove of cattle passed through the town on their way to the big market place where the sale was to be held. Hundreds of cattle were gathered at this spot and groups of excited buyers and owners were to be seen shrewdly bargaining for the good, bad and indifferent specimens that were lined up for public inspection.

Restaurant men had taken advantage of the occasion to erect temporary booths and sheds where refreshments both solid and liquid might be obtained. Good nature seemed to prevail and the sales were promptly consummated for before sundown the entire bunch had separated into groups of twos and three's that were proudly led away by new owners.

In Holland, where the land is divided by dikes into small fields, it would puzzle an American farmer to understand how so limited an area could provide for so many cattle.

Every farm seemed literally to swarm with the beautiful black and white cows that are seen on all sides quietly feeding in the meadows.

The cow barn and its equipment would prove a revelation to those who regard dark, filthy quarters a fitting habitation for dairy cattle, for the cow stable is looked upon by a Holland housewife with the same degree of pride as is the average parlor in the American farm home. In short, the master and his tenderly cared for herd sleep beneath the same roof, and a door leads directly from the living room to the walk border-

ing the cow-stalls. Yet, the sanitary conditions are such that the most exacting would find little room for criticism.

The cow-stable of Holland might well serve as an example for the dairy men of every nation. The carefully polished windows are draped with dainty lace curtains, porcelain feed troughs are washed as thoroughly as the family dishes in the nearby cupboard; the whitewashed walls are pleasingly decorated with china plaques and in one instance a strip of carpet was laid over the tile floor along the walk behind the stalls.

It was quickly explained that when the cows entered this carpet was taken up, and was replaced during the day.

The platform on which the cows stood was at least thirty inches above the level of the stable floor. This space was filled with earth and, no doubt, one of the secrets of odorless sanitation was due to the frequent changing of this soil and the seamless gutter of tiling that could be readily flushed with running water.

In a corner of one stable a raised platform served to mark the boundaries reserved for cheese manufacture and it was claimed that the cheese made here was of superior quality.

Four months in the year cattle are snugly housed and fed on grain and hay, and the well stored bays gave ample evidence of the provident nature of the Holland farmer.

Limited time prevented a more thorough examination of the farm life of this country and in summing up the results of a somewhat hasty and superficial investigation of foreign cattle and dairy methods it seems to me that while big, strenuous America may boast larger and more costly Agricultural Schools, with their scientific teachings ever trending toward a money making goal, that the pleasant, homey atmosphere of the old world institutions would be better calculated to encourage a sweeter mode of living and a higher aim of achievement. That while our progress in cattle breeding and dairying is making rapid strides in the matter of desirable conformation, skillful feeding and sanitary stabling, there is a woful lacking in the humane sentiment that has been such a powerful factor in developing the sterling qualities of cattle in other lands.

"THE LIVE STOCK JUDGE."

BY MR. T. J. WORNALL, LIBERTY, MISSOURI.

Before American Association of Fairs and Expositions, Chicago, Dec. 5th, 1906.

Mr. President, Fellow Members, I will not attempt in the allotted time, to go fully into the subject assigned to me tonight, as I did not have time to prepare a paper and treat the subject as it should be, yet it is a subject of such vast importance not only to the breeding interests of this country, but to the Fair managers themselves, that it is necessary that it should be discussed.

I am only expected, as I understand it, to open this discussion, not to cover it entirely.

The two most necessary qualities to be found in the live stock judge are, in my opinion, honesty and ability.

From the showman's standpoint—and I have frequently been on that side—I had rather have an honest man make an honest mistake through lack of ability than to have a man of ability dishonestly misplace an award. You have heard of the politician who once asked the Governor of the great State of Missouri to appoint a friend of his to an office. The Governor asked, "Is he honest?" He answered, "Oh yes; he is honest enough for all practical purposes."

That is not the kind of honesty we mean we want, when we speak of an honest judge, but a judge who is honest enough with himself to give his worst enemy his due, although it is disagreeable to do so. The man that is not only honest with his fellowmen, but what is of more importance still, "honest with himself."

Ability, in the language of the cattle, hog, sheep, swine and horse men, is what a man knows about an animal, and from the ability standpoint I think a judge should be a breeder. What I mean by that is that he should have shown his ability as a breeder in counteracting some of the faults of the animal that he is to pass upon, so that he is better acquainted with the

long years of work and labor that it takes to bring out the width of crop or some other point wanted in cattle, the high step of the horse, the proper fattening of the hog; in other words, the main features that are demanded in perfect animals. This judge should have the ability to correct things that need correction in his own herd, and understand the ability that it took to correct them in other people's herds, so that due credit will be given for that kind of work, and he should pass upon the animal, as corrected, before him, and recognize all those features that have been taught him by experience.

Another thing we demand of a judge, after honesty and ability, is promptness. The habit of appearing promptly when a Superintendent has made his arrangements for him to show, so that the great wheels of these organizations called State Fairs and Expositions will not be stopped, but will turn as they are intended to turn, and promptness is a great aid to that end.

Next I put patience—patience to work out the problems that are put before him. With promptness enough and patience enough he will work out and not be satisfied with himself unless he has correctly placed the awards down the line, not being in too big a hurry about it and yet prompt in doing these things.

The relations of the judge to the Superintendent or managers of the Fair are many. He is recognized as a component part of the Fair when he is selected, and if in his conduct he shows the ability and honesty that he is accredited with having when the selection is made of him, he should be backed up by the Superintendent of that department all the way down the line: in other words, he should be part and parcel of the Fair. He is one of the cogs in the big wheels that help make the machine go, and he should be so recognized and the Superintendents of the various departments should have confidence in his ability and in his honesty and unless he makes some gross error, which necessarily shakes that confidence, he is entitled to all the respect and all the power that can be put behind him as he strives to carry out your wishes in that matter as he sees it.

The judge is the man in the whole list of officials that I honestly think has the worst time, even if when he does the

best he knows how, even if he has all the honesty that has ever been credited to him, even if he has all the ability, yet no judge I have ever seen has finished a job and said himself, "Well, I am completely satisfied." Because these animals before him today in single classes, and the ribbons are tied as he wishes them, the choice being made subject to ill winds, as you might say, some little imperfection may be brought out two days later as those same cattle are grouped and as the eye wanders from a group up here to a group down there, he thinks to himself, "Well, I put that heifer over there first, day before yesterday, and that one second, and I don't know whether I did right or not." Maybe this first prize heifer of day before yesterday has been just a little off since then, maybe she has been feverish, tuned up to the highest pitch, while the one that was off day before yesterday is today showing the bloom again. These things naturally cause in the judge's mind doubts, those awful things to a man in a position where he has to rely solely upon himself, who has his honor at stake and his ability, not only as a breeder and as a man, but as a judge. Along the side lines are not only the men holding the cattle and the owners, but frequently, almost too frequently, they are discussing his errors, the merits and demerits of his judgment, he is often times able to hear as he passes up and down the side lines little side remarks not derogatory possibly to his honesty, but when he feels of as much moment as his honesty perhaps, and that is his ability, and those little things create more doubt. It is no wonder, gentlemen, when he gets through, that he says to himself, "Well, I did the best I could."

But the judge of all judges that I consider to be the most despicable—because there are some things despicable even in a judge—that is the fellow that goes down the line and ties the awards right where he thinks they belong and then goes around in the barn after the show is over and says, "I believe I have made a mistake. This animal is looking better, isn't she?" or something of that kind, and tries, like the politician, to make the fellows that have got left feel good, works along that line. That man is judging men, not judging stock.

The stock should be judged by the rigid rule of merit and the man that ties those ribbons should be capable of explaining

as to why he did it according to his opinion, not content with the idea that his opinion alone is the thing that will carry all the weight, because he might have made a mistake, but he should be able to give his reasons for making the award as he did. And his reasons are entitled to whatever merit they possess, and the managers of the Fair should stand back of him.

And last, but not least, is his treatment by the exhibitors. His honesty, outside the heat of the show ring (and that for a few moments only), being beyond question, his ability at all times being so, he should be given that courteous treatment as one gentleman due another. While we recognize in the heat of battle many ungallant things that are done and said, yet, we should strive, as far as we are able, to preserve those gentlemanly qualities toward the judge that would leave his mind unbiased and free to act. For it makes it much harder to weigh in the balance two animals of relatively equal merit if the exhibitors of one, or either, are showing by the look of their countenance the anxiety that they possess.

I do not share with some the feeling that when the judge and an exhibitor—either up or down the lein—are saying a few words that the exhibitor is trying to prejudice the judge, or take undue advantage, for a pleasant word or a happy thought are more conducive to clear judgment than scowls and high tension looks.

The Chairman: Gentlemen, the very interesting remarks to which we have just listened are only intended to open up this subject; everybody is expected to say something about it, and I trust you will not wait to be called upon individually, but that as the spirit moves you will speak and that you will see that the spirit does move. Let us have a few minutes' lively discussion.

Mr. McKerrow: Mr. Chairman, my experience for forty years as an exhibitor in the show ring leads me to say Amen to everything that our brother has said, and I want to say further that one of the most particular jobs that State Boards of Agriculture and Exposition managements have on hand is to get these judges who have honesty and ability combined and have them at command.

Nothing does more to get a fair into bad repute than poor

judges, be it in the lack of honesty or in the lack of ability, and nothing does more to build up the reputation of a Fair than do good, first-class judges, and from my experience as a Fair manager I want to say that we believe the good judges with all the good qualities outlined by Mr. Wornall are very scarce and we have to hunt them up by night and by day, by lamplight and electric light, and if you can be sure at last that you have them, you are lucky.

Mr. Hadley: The question seems to have been so well covered by our brothers that there is very little to discuss.

I am quite ready to indorse what Mr. Wornall has said and I concur heartily in everything he has said. I do believe that the competent judge should be thoroughly honest and he should be competent as a breeder of the line of stock that he is to judge.

Now we have a great deal of judging done by our college professors and all that sort of thing, and some of them are very good judges, and, I believe, honest, but I find in showing cattle through the country more complaint from that class of judges than from the true breeder, the man who has spent his life breeding to an ideal type of hog, horse or cattle, and I have nothing to take issue with in what Brother Wornall has said, but, on the contrary, I want to concur heartily with all that he has said.

The Chairman: Mr. Wornall always does everything thoroughly. We almost wish he had not done this so thoroughly that nobody else has anything left to say.

Mr. Wornall: I would like to put this question to Mr. Randall and have him answer it, How is the best way to select a good judge?

Mr. Randall: Mr. President, Members of the Association—I think that Brother Wornall has asked a question which is a very difficult one to answer. It is one of the hardest problems that Fair managers have to deal with, and about all that can be done is to take up the matter early, take plenty of time to learn all that you can of the men who are suggested and then make the best selection you can, bearing in mind the qualifications that Mr. Wornall has suggested.

Like him, I would place honesty first, as the principal consideration; you want honesty above all else.

You certainly need competency or ability. The judge should also have courage, and I would add one further suggestion—he should be sustained in his work. The Fair managers having secured the judge should stand by him and support him—I was about ready to advise that you sustain him even when he is wrong, but stand by him, support him so far as he is right, and if he has made mistakes, say as little about them as possible, and try to make a better selection the next time.

In fact, I think that each official at a Fair, whether he be a Superintendent or a judge, is entitled to the hearty support of all his associates. Assume that the man is right and when a judgment is reached, assume that that judgment is a correct one and stand by it. Reversals do more harm than good.

It is by the exercise of proper care, by studying the history of the men who have been suggested, I think, in that way good judges are usually secured.

I think that at the leading Fairs and Expositions we usually find good men doing the work, men who are honest and men who are capable, and I think as a rule the ribbons are properly tied. In other words, I think correct judgment is the rule and the wrong judgment the exception.

Mr. Hopkins: Mr. Chairman, I can heartily endorse every word that Mr. Randall has said, and I would add one more suggestion—that is, after you get that man for a judge, that kind of a judge, pay him well.

Mr. McKerrow: I would like to raise a question and will ask Mr. Wornall—

Mr. Wornall: I would like to get out now.

Mr. McKerrow: Do you think it a proper thing to select your judges in time so that their names may appear in the premium lists?

Mr. Wornall: In answer to Mr. McKerrow's question I would say Certainly, yes, and for this reason, that no Fair ought to have any man to pass upon an award who does not.

in their estimation at least, stand above suspicion or above chicanery that might be practiced by his fellow breeders. If that be the case, those who at home are fitting their stock to show should have the same confidence in that man that the Fair Association has shown and they, knowing who will pass upon their cattle will fit their cattle with the assurance of a square deal; and, on the other hand, if the Fair Associations have that opinion of him and the breeder has not that opinion, or happens to be that kind of a fellow that is looking for some chicanery or underhand work, perhaps he will write to the Secretary of the Fair that he will not show at that Fair if that man is going to judge. Then you make him give you his reasons, or brand him as an infamous scoundrel, who has no business to come there. Stand by your judge as you did when you selected him.

Mr. Hadley: I have had some opposition along that line in my experience with our Fair, but I made up my mind and told some members of the Board that if I had charge of the beef cattle next year, that I proposed to select my judges early and have their names appear in our lists so that people who want to come to our Fair to show may see who is to judge their stock. Every year I have had just such letters as Mr. Wornall has referred to and I have been strongly advised not to let anybody know until they came to the show, with the suggestion that when these people got there would say, "If I had known who was judge I would not have come here." It does do away with the very thing that the gentleman speaks of. If that kind of a man knows who is to be judge, he doesn't want to come and he is welcome to stay away.

Mr. McKerrow: What is your opinion of the single judge as compared with two judge system, or three judge system?

Mr. Wornall: Mr. President, as far as my opinion goes, it is very clear to me—whether I can make it clear to you or not—that it does not make any difference how many judges you have on the committee on awards, you never in fact have but one judge. The judgment of two is the same as one, for they split and you get the one. That is the shorest way I can put it. If the two agree it is the judgment of one. If the two split, the third man—which is one—gives his opinion and you

drop out the other two and you are paying for three judges when you don't get but the judgment of one. Another thing, from the showman's standpoint, on the showman's side of the line, where I have been mostly, I have had a good deal of that kind of experience, and we find that it makes lots of trouble where there have been three judges, finding out "who did it," and of course I always like to know. So I am very much in favor of the one man judge. I would like to have discussed here the other topic suggested by Mr. Hopkins, so that perhaps there may be some uniformity about it, and that is the pay of judges. The reason I bring that up is not that some pay too much and some too little, but we meet here to get a uniform opinion about the matter of getting our cattle more and more into a uniform classification, etc., and so perhaps we should have uniform prices for the man we pay to pass upon our cattle. I will ask Mr. Simpson to give us some ideas upon that subject.

Mr. Simpson: I want to indorse what Mr. Randall said in regard to the difficulties we get into by Superintendents or managers not standing behind the decision of the judges. I believe as Mr. Randall says that a great deal more harm will result from managers and Superintendents not standing by the decision of the judge than will result even if they come to believe possibly that they have selected the wrong man. I know in years past we have had judges at our Fair that we selected upon the best recommendation, selected in good faith, selected men whom we thought were honest, and when it came to tying the awards, we were led to believe that they tied ribbons from a prejudicial standpoint. But we always follow the policy of standing behind our Superintendents and our judges. If we get into a bad deal, we try to remedy it next year. But we stand behind him for the time being, and if the judge knows that he is going to have the backing of the Superintendent, it will give him more courage, and it will be an incentive for him to go ahead and tie the ribbons as he thinks they ought to be tied.

I think Mr. Wornall has made a good suggestion in regard to having a uniform price, paying our judges a uniform price.

We are in the habit of paying our judges about what they

ask at our place; that is, if we mean to have a certain man or want to have him, if we think he is the man we ought to have we get him, and the money consideration is a secondary consideration, but I believe it would be a help to all the Fair managers if there was a uniform price established for judging, plus the expense. I don't know that I can say what that should be. I believe, however, that a judge should be well paid.

There is another thought. I thoroughly agree with and am in sympathy with Mr. Wornall on the single judge system. I believe the single judge system is the proper system and have thought so for the past several years. I believe less complaint comes from the single judge system than when three are judging or from the committee system.

We have used sometimes a single judge system with a consulting judge, the consulting judge, however, having no voice in making the award. The single judge ties the ribbons and the consulting judge is usually a judge in some other class, and if a judge gets into trouble and wants to consult somebody, he calls this other man over and asks his opinion and then goes ahead and ties the ribbon as he thinks best after that. I have talked with a number of our judges and we have used that system, as I said, in a number of our classes, and it seemed to give perfect satisfaction.

Mr. Butterfield (Michigan): I think we have had very good success with our judges and we have not used the single judge system. For twenty years we have followed the three-judge system, and are entirely satisfied.

We select our judges, as a rule, and do not let the judges select us. In saying that, I refer to what Secretaries know, that during the spring they receive letters from many people wanting to be judges, accompanied by cards reading, "Expert Judge," and half a dozen different names. We have never chosen our judges from that class. We get at it from what we know personally of the men or what we can learn from men who do know about them and know they have had great success.

As to pay, it has not been uniform. When we found a man that we thought we wanted we ascertained his price and it has usually been satisfactory. Sometimes a man in the same class

would have more than others, but as a rule the price has not been extravagant for good judges.

The Chairman: We are very glad to hear about Michigan's experience along these lines and we would like to hear from the other Fairs that are represented here. Let us know what your experiences have been on this subject, particularly on the single judge question. We would like to hear from Mr. Conger.

Mr. Conger: I didn't come to talk, I came to listen, but I didn't know there was any Fair held in the United States that used the three-judge system. We have not done so for twenty or twenty-five years as poultrymen. We began the single judge system some fifty years ago and never have had three judges since. I remember meeting Mr. Dunham of your State at New Orleans, at the Cotton Centennial some years ago, and I said, "Why don't you have a score card for your horses, have a single judge and do it right?" They fell in with the idea and the cattle men came along twenty or thirty years later in the score card business. This score card business is very hard work, laborious and expensive. I used to be in the cattle business. I got past that and took up the sheep and chicken business. It surprises me to see men get up here and talk about the three-judge system. I supposed you had all forgotten it was ever practiced. I don't believe there is a Fair manager in this house that will admit that he uses it or has used it for ten or fifteen years. It would be folly to go back to the three-judge system, because one man has got to take the responsibility, and he knows it. At the shows there are a hundred men standing around interested in the same line of live stock that know just as much about it as the judge does, and he is going to make awards just as near right as he knows how, because if he does not everybody will tell him why he didn't. If he is able to show why he gave it to the one he is all right; but if he isn't able to show why, he isn't fit to judge.

Mr. Randall: Mr. President, I think we should encourage the various Breeder's Associations in making recommendations; I think we can be helped very much by them. The Shorthorn Breeders' Association is in session in this building tonight, and no doubt they will make recommendations. As

we are to publish our premium lists, we are at sea, don't know who to select, and we ought to be able to take the judges selected by that Association to judge Shorthorn cattle. The same thing is true of all the others. The members of these various Associations know, as a rule, who the competent judges are in the particular line of stock represented by them, and they can make recommendations. Some of them do not do so, but I think we should encourage all of them in making recommendations and frequently we can be benefited by so doing.

Mr. Youngers: In Nebraska, three years ago, we asked the Duroc hog men to suggest their judge, and I believe if breeders would select their own judges and come before the Fair Association with a man whom they have selected, they could not suggest such a thing as "bias," even if they did not get what they thought they ought to have. I believe it is a very good thing to ask the different breeders to recommend judges.

Mr. Wornall: Did I understand Mr. Randall to say that he would ask them in all cases? Mr. Randall is represented in the Shorthorn Association and in the three Northwest shows and these Associations pick the judges, because those are national or big shows. That does not apply to State Fair Associations. But the suggestion has been made by Mr. Youngers of Nebraska that there could be submitted by the various Associations a list of the names of men competent for judges, then we can make our selection from that. Then you have back of you not only the Association, but you have a chance to remove any judge you have had at previous times that you thought was not qualified, or for some other reason which has been presented to you. You might ask such an Association to present a list of twelve names, for instance.

Mr. Mellor: Our President, Mr. Youngers, did not finish his story. The Duroc breeders in Nebraska made their recommendation, and the Board of Managers at their request made certain appointments, then they came before the Board of Managers with a remonstrance and petition, asking that the judge be dismissed, the particular judge they had selected.

Mr. Simpson: Right in that same connection I will say that the worst deal we ever got into at our place was when we

asked a certain Association—I won't say whether it was horse, cattle or hogs, or what it was—it was a State Breeders' Association that we have in our State as you have in all States Associations of different classes of owners of horse, cattle, swine and sheep associations; we had had some little trouble with one of our live stock judges, and so we said, "Here is a great meeting over here this month, we will go over there and ask them to select the judges, and we will get out from under this load." So we went before them and asked them to select judges and they met in committee and worked all one day and all one night, fighting and pulling hair and scrapping around, but they came to us with a list of judges and we chose them, but that judging had not gone on an hour before there was a row, and there was remonstrance after remonstrance. This breeder said it was a clique; others said they did not represent the best of the breeders in the State, all sorts of things were said, but we simply stood by them until they got through, but we did not ask those Associations to make any further selections.

A Member: Would you recommend the engagement of professional judges— That gets down to the poultry men with their professional judges, but would you rather recommend the competent breeder, the man that you believe to be a competent, skillful breeder as a judge, in preference to the professional judge? This does not necessarily take in our college men, although it might. Our college men in a general way are considered professional judges, because they work on a score card. Is that all right with breeding animals?

Mr. Wornall: I have never suffered from the professional judge but once, and the good Lord answered my prayer since, and I am satisfied, because I have never suffered from them again. I don't know whether it has been my good fortune to dodge Fairs that had them or some other reason, but I never was in a cattle show where I met but one judge that had the technical points and marked things out so rigidly by the rules as laid down in the agricultural colleges, that the breeder himself who has been swerved from the right in his effort to get toward the top hardly knew what he was after. I have never suffered from him but once. I do not suppose there is

any professional judge that gives the satisfaction that the professional chicken judge does, but I know nothing about that because my wife takes care of all the chickens and I acknowledge before this assembly as I have before her that I know nothing about them, though I also acknowledge that she is on a higher plane than I am. Being raised on the farm I never was taught to think that it was my wife's business to milk the cows of my business to take care of the chickens. We each had our department, hers being undoubtedly on a higher plane, and I naturally yielding my judgment to her and milk the cow myself. Before trying to answer the question of the gentleman I would like to have him describe to me exactly what he means by professional judges. I think I caught part of his meaning, but if he will just be explicit now and put the professional judge in the light that we may know how to go after him, I will be better able to answer his question.

The Member: We understand from the gentlemen here who speaks about pounlty judges, that they are professional judges. There are certain men scattered over the country, a very few of them, who have studied the poultry score card in such a way that they have become experts, claim to be experts in handling the score card on poultry.

Now, we have men who claim to be experts in handling the score card on animals. Now, those men when they become experts, sufficiently so to be recognized over the country as Mr. Jones or Mr. Smith who has a standard on poultry or Short-horn cattle or Angus cattle or hogs, hasn't he become an expert judge? He is in demand at every place all over the country, he is the man we want to come and score our animals. I think you have practically got to get it down to the mals. I think you have practically got to get it down to this score card system, you will have to make your examination of stock something on the score card system. Now, then, is there any score card for breeding stock—I mean outside of poultry, of course—any system of score cards that will apply satisfactorily to breeding animals?

There is no question as far as fat stock is concerned, because all the agricultural colleges all over the country have their score ards and they have their professors and they are

teaching the judging of fat stock by the score card system. Now, isn't it a fact that those very fellows who are being taught that system in judging fat stock attempt to apply the same system on your breeding animals, and will it work?

I think you probably have an idea now what I mean. I do not say that there are very many professors teaching in that way, but there are some that claim they are and this system of scoring will have a tendency to make professionals. Now, what I want to know is, will we be advantaged by having such professors and placing them above the man who is a judge in his own herd and in his own barnyard as a breeder?

Mr. Wornall: I don't want Mr. McKerrow to think I have talked as often as he has; this is only the second time. I did not think when I got up here after the gentleman had asked me to say something that I would have to have witnesses all over the house to show that I was right. I supposed these people would take my word for it.

Mr. McKerrow: They have heard of you before.

Mr. Wornall: Mr. McKerrow, I never interrupted you when you were talking, and you talk quite often.

Now, it is a pretty hard proposition which the gentleman here has brought up. but we want to remember that if we have professional chicken judges, they were breeders first and then they got it down to finer points. We certainly must admit that they are years and years ahead of us.

Your question comes in as to the professional college man who applies the score card to the fat animal. Every one of us say in our premium list that we will not give the fat animal the preference, but the judges always do. They are after the nice lookers, they ought to have grown up first in the business, and then afterwards become professional experts.

But here again is the great trouble in having a big breeder for a judge. He sells all over the country, he sells to everybody that will buy of him and you put him in as a judge, and this man has got his stock and that man has bot his stock, and sometimes people will even try to buy of that judge after his name is announced as the judge for the Fair.

Mr. Hadley first introduced this college professor business.

I suppose he got touched up on it once and had reason to be sorry.

Mr. Hadley: Oh, no; I don't say they are necessarily not competent judges.

Mr. Wornall: I think you should make judges out of the body of the breeders, but not a man who has sold too much stock in the country. He runs into his type of animal and even if he does do his duty,—the animal he has sold, his stock is best, of course, to him, and it calls for criticism from the fellows that do not get the premiums. They say, "He does not give it to the best animal, but to his own type or his particular stock that he is selling through the country." So far as the college business and the professional judge is concerned, I suppose you ought to take the college students out and show them how to breed for four or five years. If you ask me the question directly about judging live stock, fat stock, I suppose you mean cattle horses, etc., as easily as you can chickens, there are a good many things to be considered. For instance, you don't care much for color in the chicken business and other points don't count for much, so that it is easier to handle your score card, but when it comes right down to the score card business the judge doesn't want to put it down in writing why he gives the award to a particular animal, he doesn't want to give his reasons for it. You will find ninety-nine out of a hundred judges who will say, "I don't want to use a score card." If he does, he sets it all out there and he gives ten points on one thing and three on another and then somebody comes along and asks him why he doesn't want to go into particulars. Without the score card he gets away and nobody knows why he reached the conclusion he did.

A Member: Mr. Chairman, from some of the questions that have been propounded here I am led to believe that I have placed myself in a wrong light in this organization. I do not wish to be understood as saying anything against the agricultural college judge, and I have done myself an injustice if I have left that impression. I fully appreciate that the agricultural student at one of our colleges is placed about five years ahead of what he would be if he started on the farm without the agricultural education that he receives at the college, and

maybe ten years ahead, and it is but a means toward that end; but the agricultural score card judging system is being more and more applied to cattle and that has come from the agricultural college as a rule, with some exceptions. At many of our State Fairs you will see the students allowed to judge and score the cattle first. Then the judge that you have selected, who is a breeder nine times out of ten, goes in and judges the animal without respect to the score card, and I will guarantee that within the last twelve years of my experience there has not been a single breeder that has ever judged under my observation that could write a score card at all, he doesn't know how. All he knows is by experience, such experience as he has had in counteracting the ill effects and taking advantage of the good effects that come before him in view of the awards to be made. So I say all praise and God-speed to the agricultural college, but do not let the agricultural college professor who has had no experience whatever along breeding lines, even if he has had some success in other lines—before you call upon him to judge the breeding cattle, at least expect the same standards to be reached that are applied to those who judge horses, sheep, swine, etc. You cannot use the retired breeder in the cattle department as you can the retired chicken man. I want to know what in thunder made that fellow retire before I make him a judge, or if he has retired with all the encomiums of his friends because of his ability, in that case we want him. But if he has retired simply because he made a failure in the business, he is not the kind of man we want for a judge.

Mr. Neal: A question which I think is important to those of us who want to make up our catalogues is as to the policy of publishing the judge's name in the catalogue. There has only been one man who has answered that question as to whether it is the best policy.

Mr. McKerrow: Mr. Chairman, if friend Conger will grant me permission, I will answer that question for Wisconsin. We have published the names of our judges for many years with the utmost satisfaction.

As an exhibitor I will say that when I read the list of judges in the premium lists in the different States where I hope to

exhibit, it saves me a lot of trouble. I don't have to write to friend Conger about who is going to judge at the State Fair and if the judge is competent from my point of view I exhibit in Indiana; if he is not, I do not.

A Member (from Nebraska): It has been the custom in Nebraska to publish the names of the judges and I believe it will raise the standard of the men that we secure for judges. When a man is selected as a judge and his name has been published, it is quite a recommendation for him and he certainly will take some pride in it, and I believe that if the State Fairs throughout the country adopt that system, selecting men they are not ashamed of and putting them right before the public and letting the exhibitors and the public know the gentlemen they have selected and that they have judges of good reputation and standing, I believe it will encourage all of us in our State Fairs to be a little more particular in selecting a better class of men for judges.

Mr. Neal: I personally am in favor of publishing the list of judges, but I know that our Board is not united on that subject, and Mr. Niblack says "No." I would like to hear from him why he says "No."

Mr. Niblack: I simply said to my friend that I did not think myself that it was good policy, because my experience has been the other way. We have had the experience and we are impressed with it, and it takes experience the other way to change a man.

I think there are two sides to this question. I do believe with the brother who spoke a while ago that it would eventually educate our judges to be of a higher order than they are, and when the time comes that they have reached that point I think then it would be more than safe to publish the names, but I do know of instances where, when a judge was known in advance, that many very good breeders declined to show, not because the judge was considered dishonest, but because the judge has been accepted at other places and had made enemies in some contests and the satisfaction had not been universal, and they felt that certain breeds had been discriminated against or something of that kind. I think that the Fair man-

agement ought to get fair and honest judges and I think the presumption is ninety-nine times in a hundred that they will do so. I am one of those who believe every man is honest if presented as a judge, until he is proven to be the contrary, and I would stand by him and sustain him. There are certainly two sides to the question and it is a question that ought to be discussed very fully and very broadly. For myself, I think that it is injurious to the Fair from the standpoint of the Fair management to publish the names of all your judges in the live stock list.

Now, Mr. President, while I am on my feet, there is another point I would like to speak of. We all agree with nearly everything that has been said; indeed, there have been very few things said that there can be any difference of opinion on, but there is one subject that has not yet been discussed, and that is, when you find a judge who answers all requirements, and you find him to be just the man you are looking for, ideal in his position, how often will it pay the Fair management to employ that judge continuously—how many years? In other words, should the Fair management continue him more than one year, or let him drop out and come in again a few years later? Or, will it be good policy to continue him from year to year?

My observation in that line is that it does not pay to have a judge continuously in the same classes, and there are a good many reasons for that. One I might point out. A judge—I don't care who he is—he might be full of integrity and have the best intentions—he can't help having a certain type of animal in his mind, and that type might not be the type of breeders outside who have their peculiar views. When that type is established in them and of that man and the department is to be judged by that type only, then everybody who does not believe in that particular type might as well keep his animals at home, because he has no show whatever before that honest, competent judge. When you change your judges oftener, I think it is far to the advantage of the Association and gives better satisfaction to the exhibitors. That is my

idea and I would very much like to hear some discussion on that point.

Mr. Cosgrove: I can't keep still, because the gentleman who has just spoken said that when they published the names of the judges, certain men said they would not come. Now, that strikes me as a very good reason why we should publish the names. Minnesota has published the judges' names for years and we believe it works well. Certainly, if the names had not been published and that man had brought up his herd to the Fair, how would he feel after he got up there and found the man there that he would not have shown under if he had known beforehand that he was going to be judge?

Fair manager cannot afford to keep anything under cover. If you are going to make a Fair a success, let everything be in the open, and you cannot get exhibits enough when they know who is going to be the judge, let that kind of exhibitor go.

I object to the idea that has been suggested of the consulting judge; I object to anybody going into the ring to consult with the judge. We have a great deal of trouble in our country with men who say they are not satisfied with the way their stock is judged, and perhaps say, "I saw the Superintendent consulting with the judge, and I know I would have gotten that premium if he had not consulted with the Superintendent." It is very hard work to get one good judge, and to get three—that is out of the question. We have finally got down to the one judge question; we let him do it.

We believe in paying judges fair prices; not fancy prices, and that is not necessary; they don't come for the money. We had Mr. Tom Clark, of Illinois, several years, and we paid him \$100. It doesn't pay him for his time and out of that he pays his own expenses, so that is certainly a very reasonable price and a man of that standing ought to be worth that money.

Mr. Wornall: This last point raised by the gentleman is a very important thing, one that you people that have not been on the show ring side do not know as much about as the fellow on the other side. Within the past year I knew of two men meeting at a dinner; they were good friends, and both

judges, one of considerable experience in judging sheep and the other rather new in the line, but showing good promise at least. One of these gentlemen said to the other, "I am going to judge a certain breed of cattle at a certain State Fair." "Are you? Funny thing. I got a letter from those fellows asking me what I would charge to come up there. I wrote and told them and I got another letter from them, saying, 'We would like to get you up here, but Mr. Jones offered to come cheaper.' " So it went, one feeling very cheap, and the Fair managers playing each off against the other. Those little things get out amongst the breeders. That Fair management was probably endeavoring honestly to choose between the two men, men possibly of equal merit, but in order to save a few dollars they had gotten the cheaper man and placed both these good men in that false position. The other fellow, Mr. A., had larger business interests; he was able to put his price within bounds with no idea that the money part of it would figure.

All State Fairs cannot afford to pay all judges \$100, and the breeders, I think, recognize the fact that if they get their expenses and decent compensation—five, ten dollars a day for the time they are actually at work, that they have in a measure been compensated, because they feel like they owe it to the Association and to their fellow breeders to give them any benefit that they may be able to give them. Therefore I would like to have seen this discussed a little more largely along that line.

WISCONSIN FARM CROP REPORTS, 1906.

MAY 1.

The winter of 1905 and 1906 was less severe than the average in temperature, and except for the unfavorable weather of March in those parts of the state where the ground was not covered with snow, little damage would have occurred to crops, trees and shrubbery. Reports show that in the southern division of the state and in many parts of the middle division, during March the ground was free from snow and froze to a sufficient depth to seriously injure the clover crop, especially fields that were cut last season. Alfalfa has also suffered badly.

Winter wheat was also considerably injured, though this crop is of much less importance than clover.

Fruit trees and shrubbery generally, came through the winter in good condition and the prospects are, at date, excellent for heavy bloom upon all varieties..

The season is some ten days later than the last and not all small grain fields are sown in the southern and central divisions of the state, while farm work in the northern division is somewhat more backward. Frequent complaint is made that ground is too dry for proper handling.

More than the usual acreage of plowing was done last fall, and much grain has been put in upon last year's corn and potato fields by use of disc harrow instead of plow.

Pastures are in good condition, and with warm weather will in due time give sufficient feed for stock.

We note that many farmers are inflicting injury both upon their fields and cattle by already allowing their animals a run upon fields just becoming green.

No widespread or even general diseases are reported among live stock, though the condition of farm animals is not gener-

ally good, possibly attributable to the poor quality of last year's hay crop.

From present indications the acreage of spring sown grains will be equal to that of last year, except spring wheat, which continues to diminish.

The tendency will be to plant a smaller acreage of potatoes than last year, while in the tobacco districts this acreage will be increased.

Sugar beets will be extensively planted, with a large increase of acreage in Dane and other counties tributary to the new beet sugar factory at Madison.

Dairy products continue to bear good prices, and this industry will continue to grow, notwithstanding the serious menace of tuberculosis among cattle in many parts of the state.

From letters of inquiry sent out we estimate the condition of the following crops—100 representing a good normal condition—at: winter wheat, 83½; rye, 93; clover, 81; timothy meadows, 96.

From the same source we gain the following average of farm prices of products being sold:

Wheat	\$.75
Rye .....	.58
Barley	46
Oats	28
Corn .....	.45
Beans	1.55
Potatoes .....	.45
Clover seed	8.00
Timothy seed	1.50
Dairy butter .....	.21
Eggs .....	.14
Tame hay	7.25

JUNE 1.

The month of May has been cold and backward. The rainfall has not generally been excessive, but there has been much cloudy weather accompanied by light rains. Such weather has been favorable for the growth of grains and grasses, which

are well advanced and in generally good condition. The losses, by winter killing, to clover and winter wheat, is found to have not been over stated in the May report, and fields are often thin and uneven.

Much of the acreage of old clover has been plowed and put in other crops. Alfalfa as a crop is almost entirely killed. The severe frost of May 27th injured early potatoes, corn, and garden crops, as well as strawberries that were in bloom, although the general damage is not as great as was feared.

The stand of early planted corn is good, but the color indicates the necessity of warm weather and sunshine. Considerable corn is yet to be planted. The prospects for this crop, June 1st, can only be estimated by its acreage and condition of young plants, as its value as a crop is largely dependent upon favorable weather later in the season.

Little or no tobacco has yet been set, but plants are reported in good condition.

Sugar beets show a good stand, and are growing rapidly. Weeds have also made a strong growth on most cultivated fields.

Pastures are in good condition, and timothy meadows promise a fair yield.

Our reports from correspondents came so soon after the frost referred to, that damage to small fruit was largely a matter of conjecture, and we hope it may be less than figures reported would indicate. The prospects for apple crop are good.

As a whole the indications at date are encouraging for another prosperous agricultural season.

Following is a percentage statement of the condition of crops for the state, 100 representing a good average condition.

Winter wheat	88
Winter rye	94
Clover meadows	84
Timothy meadows	95
Pastures	98
Barley	99
Oats	98
Spring wheat	96
Small fruits	83
Apples	90

No very marked changes have been made in the proportionate acreage of general crops in the state. We note a continued decrease in the acreage of wheat, a smaller falling off in that

of potatoes, and a marked increase in the acreage of tobacco and sugar beets. An increased acreage of flax is reported from St. Croix and Pierce counties; while in Racine and Kenosha counties where cabbage production has been quite an industry, the acreage this year is largely increased,—the farmers frequently planting ten or more acres to the crop. Marathon county reports 3,000 acres of peas.

In the northern counties the increase in acreage of given crops is quite noticeable from the clearing and cultivation of new land.

Correspondents were asked for an estimate of the percentage of increase or decrease of acreage of crops from last year, 100 representing the acreage of 1905, and the following statement is based upon these estimates.

Wheat	89
Rye	98
Barley	101
Oats	102
Corn	102
Potatoes	96
Tobacco	115
Sugar beets	110
Meadows	98

JULY 1.

The weather during the past month has been generally favorable throughout the state, for the growth of small grains and grasses. Some locations, however, notably in the southern tier of counties, complain of severe drought, seriously interfering with these crops even,—while others in central and northern sections report damage from excessive rainfall. As a whole, reports show a very satisfactory condition of the leading crops of the state.

The winter damage to meadows from freezing, proves to be even greater than was shown in our last report; and while grass is well grown on newly seeded fields, the stand is thin and the yield of hay will be much less than that of last year. Pastures remain in good condition except in sections referred to as drought-stricken.

Up to the middle of June the condition of corn was by no means encouraging, but since that time with warmer weather, it has grown rapidly and at date is little behind the average, for a term of years, in growth and promise.

The stand is generally good, and notwithstanding the frequent rains, most fields are well worked and free from weeds.

Winter grains are rapidly approaching the ripening stage without any serious interference from insects or rust.

Spring sown grains are not so universally over grown as last season, unless spraying of trees is done in a timely and thoroughing.

Sugar beets are making an excellent growth where not over-run by weeds.

Tobacco planting can hardly be said to be yet finished. The weather has been favorable for transplanting, and very little loss has occurred therefrom. The earlier set plants are already showing rapid growth.

It is probably useless to expect a full crop of apples in any season, unless spraying of trees is done in a timely and thorough manner. The young fruit is falling badly, from the work of insects, and the quantity and quality from neglected trees will be much below what was early expected.

Plums also from the same or similar insect pests.

Berries promise to be abundant.

The special crops of peas, cabbage, etc., are reported in good condition.

The summary of reports received from the whole state is given below, 100 representing a high average condition:

Winter wheat	88½
Spring wheat	93½
Rye	94
Barley	96
Oats	97½
Corn	89
Potatoes	95
Peas	98
Tobacco	97
Sugar beets	98
Meadows	85
Pastures	97
Apples	85
Small fruits	90

AUGUST 1.

The month of July has, as a whole, been remarkably favorable to the interests of the Wisconsin farmer.

In some portions of the outhern Section of the state there has been insufficient rain for the proper growth of crops—while pastures have suffered severely—but these conditions are not general. The hay crop was secured in good condition, and while the number of tons harvested is considerably less than that of last year, the excellent quality makes the crop a valuable one.

Wheat, rye and barley have also gone into shock in good shape, and the promise of yield is above the average.

Oats are now being harvested and are generally of excellent quality. There has been little loss from lodging, and consequently complaint of rust has not been general.

Corn has made a rapid growth, and in many parts of the state is more promising now, than at the same date last year.

Potatoes are almost universally reported in healthy condition,—very little blight or rust being reported.

Late tobacco is somewhat backward but growing rapidly, and fields are generally clean and well cared for. Early planted is already well in blossom.

Sugar beets have made a good growth, and where properly thinned and weeded promise excellent yields.

Apples have fallen badly and the crop will be light, except where trees were properly sprayed.

We have never in the history of our work, been able to give so uniformly favorable a report of all farm crops at this season of the year, as at this time.

The more uniform rainfall in Central and Northern Wisconsin causes a better showing from those sections than from the Southern Counties.

Percentage reports from Central and Northern Sections are as follows:

Oats	98½
Corn	92
Potatoes	92
Peas	98
Tobacco	96
Sugar beets	99
Pastures	90
Apples	75

From the Southern Section:

Oats	95
Corn	90
Potatoes	95
Peas	98
Tobacco	93
Sugar beets	98
Pastures	85
Apples	75

From these reports we submit the following estimate for the whole State:

Oats	97
Corn	91
Potatoes	92
Peas	98
Tobacco	94
Sugar beets	98½
Pastures	87
Apples	75

The estimated yield per acre, of crops already harvested is, —wheat, 18 bushels; rye, 17½ bushels; barley, 35 bushels; tame hay, 1⅓ tons.

On account of the State Fair, to be held September 10-14, no crop report will be issued for the month of September.

NOVEMBER 1.

Our final crop for this season aims to give the average yield per acre of the principal farm crops grown in Wisconsin, the quality of the same—upon a basis of 100, representing a very high average for a term of years,—and the average price of the same on the home market.

Yields have been uniformly good, as generally favorable crop conditions have prevailed throughout the State during the entire season.

The yield of small grains was somewhat diminished in the Southern Section during the early summer, and higher averages are received from the Central and Northern Sections.

The corn crop of the State is the best for a long term of years; the crop being fully matured even in those parts of the State where it has not been considered safe to attempt to cultivate it. Our figures relative to this crop look large, but we are satisfied that they are not overdrawn.

The potato crop matured in fine form. There is little complaint of blight or rot, though in most locations considerable damage was reported from grub worms. Nevertheless the crop would have been very large and fine, but for the severe frost early in October.

It is estimated that hardly one-third of the crop had been secured at that time, and from one-third to one-half of the tubers then in the ground were destroyed. In addition to the loss of crop, the liability to mix frosted potatoes with sound ones has added immensely to the work of preparing crop for market and has unsettled prices for the time.

Aside from losses by frost, the crop remains larger than that of last year, and is of better quality; and prices will doubtless advance for clean well assorted stock.

The yield of clover seed is light, and the quality rather inferior. Many parts of the State where the crop has usually been important, a failure is now reported.

Sugar beets have made a good yield, and are being marketed at good prices.

The tobacco crop was heavy and was well secured. Prices are very satisfactory.

On many of the products herein classified, local prices vary to a considerable extent, especially where crops, like potatoes,

On many of the products herein classified, local prices vary to a considerable extent, especially where crops, like potatoes, are difficult of transportation,—but as a whole prices compare favorably with those of last season, while yields are generally more satisfactory.

We give the following table from the reports of correspondents:—

	Yield per Acre	Quality	Price
Wheatbushels	181½	90	70c
Ryebushels	18	91	54c
Barleybushels	33	92	46c
Oatsbushels	39	93	28c
Buckwheatbushels	17	90	65c
Clover Seedbushels	14	90	\$6.50
Flax Seedbushels	14	90	1.04
Cornbushels	42	98	40c
Peasbushels	20	95	90c
Potatoesbushels	125	94	30c
Sugar beets tons	13	95	4.75
Tobacco lbs.	1450	96	13c
Cabbage tons	10½		4.50
Tame Hay tons	1¾	97	8.00

No further crop reports will be issued until the Spring of 1907.

JOHN M. TRUE,
Secretary.

CROP AND LIVE STOCK STATISTICS.

STATEMENT OF CROPS GROWN IN 1905.

COUNTIES.	NUMBER OF BUSHELS.				
	Wheat.	Corn.	Oats.	Barley.	Rye.
Adams	11,017	385,917	223,708	18,310	159,525
Ashland	2,499	212	56,063	3,738	811
Barron	43,722	68,004	1,013,988	95,166	15,145
Bayfield	474	1,125	18,776	495	1,950
Brown	82,233	77,817	958,576	354,853	130,803
Buffalo	148,861	716,231	3,180,918	377,200	32,473
Burnett	58,240	46,110	81,030	4,378	9,542
Calumet	69,677	215,881	1,028,895	1,198,097	18,998
Chippewa	29,258	261,817	1,424,991	55,005	25,317
Clark	36,596	119,797	767,491	74,041	27,378
Columbia	42,999	1,824,793	1,835,476	427,862	107,710
Crawford	57,526	652,731	704,263	71,333	9,614
Dane	43,039	4,054,471	3,971,248	691,622	73,534
Dodge	183,936	1,761,673	3,494,300	2,315,137	42,188
Door	80,926	13,924	399,229	94,248	99,185
Douglas	476	545	11,948	117	504
Dunn	63,127	723,153	1,311,700	148,119	46,884
Eau Claire	48,838	348,213	1,637,033	122,802	49,619
Florence	545	50	15,135	381	302
Fond du Lac	47,826	679,027	1,757,060	1,543,654	13,156
Forest	917	50	15,363	404	10
Gates	1,197	5,160	33,441	3,847	671
Grant	30,850	2,363,373	2,636,087	229,346	58,198
Green	7,561	1,690,621	1,354,861	276,408	48,889
Green Lake	39,120	817,105	861,385	300,160	76,807
Iowa	27,569	1,327,045	1,663,372	145,020	49,117
Iron	522	103	6,812	623	.....
Jackson	85,363	315,805	1,287,665	93,142	55,691
Jefferson	101,695	1,518,778	1,616,720	478,203	92,173
Juneau	32,951	203,268	631,725	57,235	52,787
Kenosha	9,886	716,231	738,541	49,383	39,902
Kewaunee	114,333	852	476,861	476,894	100,828
La Crosse	58,484	611,683	931,072	263,220	42,336
Lafayette	5,964	1,948,106	1,390,935	191,095	9,125
Langlade	12,460	4,032	229,569	32,259	4,184
Lincoln	2,662	565	86,185	7,877	1,801
Manitowoc	75,798	103,240	814,804	663,675	185,394
Marathon	68,653	33,100	881,439	165,276	38,899
Marinette	11,600	13,860	251,207	10,713	8,819
Marquette	13,941	397,298	330,508	3,569	157,205

STATEMENT OF CROPS GROWN IN 1905—Continued.

COUNTIES.	NUMBER OF BUSHEL.				
	Wheat.	Corn.	Oats.	Barley.	Rye.
Milwaukee	18,971	290,029	512,660	85,766	58,844
Monroe	105,395	533,077	1,421,852	185,030	56,954
Oconto	41,665	82,186	550,137	41,922	29,316
Oneida	509	162	39,059	1,291	650
Outagamie	15,425	599,936	1,483,431	542,621	33,531
Ozaukee	30,813	122,198	526,486	533,473	44,302
Pepin	35,395	248,425	397,151	212,035	25,042
Pierce	93,025	370,689	1,487,095	901,233	91,255
Polk	78,818	156,674	1,302,124	125,800	12,833
Portage	18,028	374,370	617,133	6,538	157,276
Price	1,652	732	32,883	2,335	1,055
Racine	13,655	915,324	874,877	107,581	36,276
Richland	38,412	825,064	586,485	150,629	23,098
Rock	9,349	2,675,015	1,457,810	831,239	220,451
St. Croix	101,794	468,304	2,697,543	433,117	57,586
Sauk	107,623	1,250,345	1,796,360	190,513	130,560
Sawyer	963	889	21,361	630	492
Shawano	112,001	256,427	731,298	166,289	62,863
Sheboygan	36,338	446,110	1,048,426	930,962	93,254
Taylor	2,048	518	77,962	10,439	5,442
Trempealeau	150,498	505,928	2,219,234	210,670	45,575
Vernon	118,653	654,174	1,428,109	215,967	6,589
Vilas	80	150	4,520	25	150
Walworth	14,534	2,232,752	1,256,607	637,655	54,609
Washburn	7,958	19,707	89,431	9,026	4,410
Washington	83,644	601,537	943,573	1,168,501	72,143
Waukesha	65,048	969,638	1,504,002	478,752	152,947
Waupaca	48,094	442,938	982,441	117,008	96,202
Waushara	3,714	497,463	465,960	21,738	160,965
Winnebago	40,269	485,649	1,173,555	362,024	24,392
Wood	9,512	96,184	316,135	48,520	45,043
Total	3,165,801	40,954,484	63,175,030	19,828,057	3,694,184

STATEMENT OF CROPS GROWN IN 1905—Continued.

COUNTIES.	NUMBER OF BUSHELS.					
	Flax seed.	Po-tatoes.	Roots other than Sugar Beets.	Cran-berries.	Apples.	Straw-berries.
Adams		697,958	655			205
Ashland		43,611	1,269		803	458
Barron	1,741	407,613	51,292	10	486	513
Bayfield		48,306	3,892		303	320
Brown		185,986	62,921		15,793	4,633
Buffalo	288	68,405	925		3,996	193
Burnett		155,120	52,956			9
Calumet	47	32,717	625		3,864	267
Chippewa	4	434,730	3,819		4,285	689
Clark	795	97,503	7,678		709	625
Columbia	50	648,110	425		6,637	854
Crawford	380	63,535	738		20,303	822
Dane	50	230,680	2,866		13,275	5,084
Dodge		165,317			14,766	2,730
Door	93	89,173	22,189		16,708	2,113
Douglas		32,538	3,265		5	217
Dunn	305	351,885	4,909	71	3,109	296
Eau Claire	335	240,384	2,734		6,725	4,793
Florence		7,027	1,111		163	
Fond du Lac	562	177,039	4,050		4,352	5,971
Forest	761	11,365	5,745			6
Gates	10	26,175	1,581		165	23
Grant		185,495	260		13,634	1,155
Green		64,332	1,001		4,922	769
Green Lake	255	123,771	1,025		3,184	380
Iowa	200	63,741			6,303	411
Iron		13,015				
Jackson	10	150,582	4,504	14,519	4,148	3,691
Jefferson		11,755	8,015		125	9,626
Juneau		378,231	2,121	3,381	2,901	305
Kenosha	1,266	75,292	506		26,092	2,406
Kewaunee	864	41,006	1,712		9,696	13
La Crosse		1,095,944	3,784		14,297	4,565
La Fayette		74,520			1,359	294
Langlade	55	52,535	11,114		249	406
Lincoln		46,949	4,604		129	150
Manitowoc	601	100,945	11,042	39	20,513	1,767
Marathon	304	154,407	17,716	260	3,382	396
Marinette		86,775	11,499		6,435	10
Marquette		356,903		76	5,426	744
Milwaukee	316	240,479	62,028		27,968	5,907
Monroe		155,733	9,732	2,269	12,507	17,739
Oconto	83	130,898	15,371		10,901	172
Oneida		52,468	3,708			235
Outagamie	133	223,530	21,644		3,988	718
Ozaukee	186	54,175	355		1,857	
Pepin	50	29,200	1,255		1,495	101
Pierce	14,747	94,753	3,684		3,766	547
Polk	2,265	157,571	14,978	382	382	649
Portage		1,600,422	910		1,817	476

STATEMENT OF CROPS GROWN IN 1905—Continued.

COUNTIES.	NUMBER OF BUSHELS.					
	Flax seed.	Pota- toes.	Roos other than Sugar Beets.	Cran- berries.	Apples.	Straw- berries.
Price		45,282	6,806		141	105
Racine	2,455	103,896	27,960		11,154	3,083
Richland	1	58,450			20,126	3,154
Rock		197,567	3,461		7,439	22,621
St. Croix	105,179	109,575	2,250		1,712	1,008
Sauk	8	593,427	4,500		15,232	1,632
Sawyer		23,029	1,773			56
Shawano	45	209,958	14,241		3,516	114
Sheboygan	7,279	111,510	13,022	3,665	3,061	759
Taylor	14	30,652	2,501		180	68
Trempealeau ...	73	110,264	200		7,145	1,763
Vernon		98,915	2,160		24,704	206
Vilas		9,300	1,800			20
Walworth	550	96,413	10,694		12,323	440
Washburn	34	63,359	18,298	10	101	145
Washington		134,383	19,428		1,171	425
Waukesha	10	310,322	18,109	782	17,868	9,283
Waupaca	31	1,263,968	1,890	95	4,125	146
Waushara	403	1,343,294	10,956	2,100	5,852	769
Winnebago	222	126,625	5,678		5,116	2,128
Wood	72	153,191	11,026	15,541	573	576
Total	143,232	15,319,944	585,926	43,200	452,941	132,933

STATEMENT OF CROPS GROWN IN 1905—Continued.

COUNTIES.	NUMBER OF BUSHELS.						No. OF TONS.
	Rasp berries.	Black berries.	Cur-rauts.	Grapes.	Clover seed.	Timothy seed.		Sugar beets.
Adams	22	6		2	5,667	420	
Ashland			5				
Barron	55	3		4	2,068	793	2,141
Bayfield	20	30				20	
Brown	231	10	835	2	3,514	273	3,762
Buffalo	63	27		30	819	1,252	
Burnett	32						
Calumet	50	1	7	25	16,381	104	1,031
Chippewa	182	150		4	971	854	9,520
Clark	4	3	2		145	149	746
Columbia	182	34	15	11	1,324	8,491	1,879
Crawford	403	403	25	35	574	515	164
Dane	800	104	129	258	674	4,130	24,288
Dodge	1,384	485	90	1,032	5,960	1,780	710
Door	298	30	4		1,388	204	2,021
Douglas	1		1				
Dunn	66	56	4	3	2,267	891	94,655
Eau Claire	1,317	96	2	17	2,365	1,006	1,839
Florence							
Fond du Lac	1,809	1,885	1	128	4,195	557	536
Forest							
Gates	18				63	15	23
Grant	1,800	1,483	5,500	1,608	5,999	3,353	2
Green	445	120	62	20	252	2,625	1
Green Lake	79			15	2,303	1,496	130
Iowa	12	25	15	1,500	1,044	1,672	
Iron							
Jackson	1,602	729	131	35	2,455	342	20,700
Jefferson	413	69	91	91	371	190	1,793
Juneau	113	20	13	20	6,614	295	5
Kenosha	1,695	75	38		25	313	
Kewaunee	102	2			9,980	193	1,702
La Crosse	899	1,225	47	647	516	88	
Lafayette	72	56	2		1,024	2,638	754
Langlade						2	8
Lincoln							
Manitowoc	217	150	9	32	11,493	194	4,334
Marathon	13	2	6		211	174	127
Marinette					271		2,721
Marquette	58	55		40	6,082	5	
Milwaukee	155		1,030	110	301	37	2,165
Monroe	2,081	2,743	11		2,047	615	3
Oconto	15	19	5		2,213	109	1,729
Oneida			4			2	
Outagamie	677	1,289	14	2	1,363	119	2,898
Ozaukee					4,768	295	1,217
Pepin	190	37		68	1,711	371	14
Pierce	248	244			667	469	
Polk	505		3		20	9	
Portage	143	7	11		695	1,174	

STATEMENT OF CROPS GROWN IN 1905—Continued.

COUNTIES.	NUMBER OF BUSHELS.						No. OF TONS.
	Rasp-berries.	Black-berries.	Cur-rants.	Grapes.	Clover seed.	Timothy seed.	Sugar beets.
Price	4		77		32	54	20
Racine	161	16	37	35	268	577	825
Richland	620	543	176	602	331	376	
Rock	1,642	51	356	59	349	6,490	36,637
St. Croix	1,177		315		303	2,645	286
Sauk	928	310	68	234	1,714	908	149
Sawyer						47	
Shawano					2,918		769
Sheboygan	434	37	35	50	4,611	393	693
Taylor							
Trempealeau	216	48	6	47	1,785	1,679	22
Vernon	126	403	11	111	1,371	501	394
Vilas	5	5	5				
Walworth	72	46	31	20	64	3,189	839
Washburn	68		17		103	38	198
Washington	71		178	46	13,317	349	3,342
Waukesha	1,074	24	385	49	510	1,332	6,390
Waupaca	7				1,663	453	657
Waushara	347		2		5,008	1,650	
Winnebago	683		91	34	620	329	587
Wood	12	5	4		743	120	832
Total	26,213	13,207	9,946	7,263	148,411	59,469	357,053

STATEMENT OF CROPS GROWN IN 1905—Continued.

COUNTIES.	NUMBER OF TONS.		NUMBER OF POUNDS.		ACRES HARVESTED FOR SEED.	
	Cultivated Grasses.	Flax Fibre.	Hops.	Tobacco.	Clover.	Timothy.
Adams	15,115	9			5,750	187
Ashland	9,654					
Barron	64,738			40,196	1,099	128
Bayfield	2,137					968
Brown	85,647				2,235	3,340
Buffalo	36,332			37,600	301	292
Burnett	5,676				24	10
Calumet	31,870				6,393	83
Chippewa	56,542			107,400	411	95
Clark	77,937	83		2,280	125	39
Columbia	51,576		1,500	2,903,565	1,362	1,677
Crawford	42,772			1,724,385	433	546
Dane	119,927			13,304,430	283	657
Dodge	71,362			6,600	2,249	2,362
Door	43,248				1,532	57
Douglas	6,309					
Dunn	46,536	245,475	33	1,100,310	1,792	129
Eau Claire	42,157			38,500	1,417	179
Florence	1,760					
Fond du Lac	6,442				2,390	44
Forest	1,337					
Gates	7,147			75		
Grant	93,840			184,400	5,330	1,041
Green	75,486			194,635	101	746
Green Lake	11,671				1,262	420
Iowa	58,528				779	491
Iron	2,277			65		
Jackson	32,067			215,609	1,845	119
Jefferson	48,176			221,700	202	39
Juneau	28,300		400	250,199	3,457	278
Kenosha	62,407				30	55
Kewaunee	48,059				7,827	56
La Crosse	38,730			33,620	455	18
Lafayette	70,989			5,000	367	587
Langlade	23,239					
Lincoln	13,822					
Manitowoc	69,595				8,558	879
Marathon	89,760			22	19	92
Marinette	16,572				97	
Marquette	8,472			10	5,949	5
Milwaukee	48,490				170	25
Monroe	65,500		2,000	592,303	1,085	193
Oconto	38,339		2	50	1,753	41
Oneida	5,889					195
Outagamie	56,665				658	18
Ozaukee	33,885				1,980	44
Pepin	10,620				435	83
Pierce	50,503			22,704	645	150
Polk	55,147					
Portage	41,901		9,800		892	299
Price	14,357					
Racine	41,218	44,600			138	131
Richland	60,723			370,540		
Rock	72,221			5,950,222	358	1,396
St Croix	61,953	674,000	15,950		139	12,727

STATEMENT OF CROPS GROWN IN 1905—Continued.

COUNTIES.	NUMBER OF TONS.		NUMBER OF POUNDS		ACRES HARVESTED FOR SEED.	
	Cultivated grasses.	Flax Fibre.	Hops.	Tobacco.	Clover.	Timothy.
Sauk	70,047	.....	.....	11,000	1,438	198
Sawyer	3,265	.....	.....	.....	.....	.....
Shawano	39,183	.....	.....	.....	1,773	5
Sheboygan	74,758	.....	.....	.....	2,076	82
Taylor	26,147	.....	.....	.....	.....	.....
Trempealeau	63,758	.....	.....	23,615	1,335	271
Vernon	78,652	.....	.....	7,819,447	1,528	167
Vilas	920	.....	.....	.....	.....	.....
Walworth	71,309	.....	.....	5,700	40	494
Washburn	6,927	.....	.....	.....	82	.....
Washington	41,515	.....	.....	.....	5,111	58
Waukesha	68,354	.....	.....	168	225	304
Waupaca	66,728	.....	.....	.....	1,523	120
Waushara	35,960	.....	.....	.....	5,858	533
Winnebago	55,209	.....	.....	.....	333	70
Wood	31,308	.....	.....	.....	282	14
Total	3,448,722	264,167	29,685	35,363,341	94,412	33,267

STATEMENT OF ACREAGE OF CROPS, 1906—Continued.

COUNTIES.	NUMBER OF ACRES.						
	Wheat.	Corn.	Oats.	Barley.	Rye.	Flax seed.	Pota- toes.
Adams	1,130	21,063	11,471	650	19,033	.....	10,842
Ashland	177	46	2,352	196	67	.....	506
Barron	3,323	3,549	36,257	4,563	1,200	281	5,959
Bayfield	44	38	1,830	55	500	.....	619
Brown	7,296	8,477	60,345	12,636	7,795	.....	2,439
Buffalo	9,964	21,475	45,587	14,259	2,816	30	906
Burnett	2,742	3,387	5,166	108	747	.....	2,154
Calumet	2,957	7,824	19,536	30,646	1,938	5	649
Chippewa	1,790	10,250	45,730	3,491	2,227	45	6,945
Clark	2,440	6,462	19,711	4,260	2,137	143	1,870
Columbia	3,111	56,945	57,225	15,366	8,871	.....	9,318
Crawford	4,532	21,376	33,983	3,017	756	12	915
Dane	2,754	101,863	104,542	26,147	2,815	1	3,431
Dodge	10,119	45,185	66,258	80,318	1,377	.....	2,622
Door	6,803	606	2,770	4,163	6,555	8	2,815
Douglas	101	106	724	11	7	.....	400
Dunn	4,313	23,058	50,853	6,359	3,823	122	3,995
Eau Claire	3,432	12,171	44,492	6,282	4,533	72	2,467
Florence	47	.....	475	14	4	8	96
Fond du Lac.....	2,975	30,984	54,288	55,504	572	107	3,356
Forest	47	17	589	60	47	.....	178
Gates	140	265	1,425	214	55	.....	410
Grant	2,376	72,444	64,916	8,140	2,667	.....	2,377
Green	413	83,804	37,789	9,769	1,003	.....	963
Green Lake	2,847	21,337	29,331	10,280	5,664	35	2,037
Iowa	2,091	39,585	45,228	5,504	4,251	.....	979
Iron	37	.....	311	85	.....	.....	300
Jackson	6,163	12,276	42,194	4,186	4,730	15	2,031
Jefferson	4,772	39,586	41,914	14,087	3,132	1	1,365
Juneau	1,956	15,721	24,659	2,818	6,698	.....	6,867
Kenosha	558	20,920	17,971	2,002	2,090	50	1,300
Kewaunee	3,358	604	18,846	8,471	6,611	68	1,023
La Crosse	4,759	19,197	29,763	8,017	3,533	.....	1,238
Lafayette	496	59,089	40,870	6,714	2,118	.....	1,013
Langlade	756	142	7,945	1,627	257	1	855
Lincoln	189	74	4,321	440	127	.....	624
Manitowoc	6,248	2,671	32,664	27,358	11,253	96	1,694
Marathon	4,550	2,330	31,410	6,375	2,308	43	6,643
Marinette	843	1,370	9,756	736	667	.....	1,516
Marquette	1,036	16,195	12,651	281	15,704	.....	4,671
Milwaukee	960	6,992	13,835	5,026	1,307	23	4,954
Monroe	8,301	19,006	45,970	7,083	4,496	.....	2,227
Oconto	3,029	4,346	22,252	2,504	3,702	142	1,836
Oneida	68	57	5,423	23	51	.....	452
Outagamie	1,118	20,247	47,482	17,936	1,803	44	3,017
Ozaukee	1,866	5,464	16,815	21,438	1,887	8	1,572
Pepin	2,645	8,802	12,535	7,733	2,273	82	384
Pierce	7,166	15,209	44,595	30,455	5,469	1,650	1,283
Polk	4,292	7,389	37,516	5,583	934	191	2,274
Portage	1,031	14,576	32,493	260	17,116	.....	27,010

STATEMENT OF ACREAGE OF CROPS, 1906—Continued.

COUNTIES.	NUMBER OF ACRES.						
	Wheat.	Corn.	Oats.	Barley.	Rye.	Flax seed.	Potatoes.
Price	117	41	1,508	104	45	.....	599
Racine	687	24,339	23,621	3,776	2,003	198	2,157
Richland	2,495	24,267	19,385	6,710	1,154	.....	477
Rock	1,052	83,917	44,244	32,008	50,929	.....	5,745
St. Croix	6,635	16,566	84,227	16,545	5,057	6,684	1,644
Sauk	5,560	44,355	54,202	7,273	9,455	2	9,109
Sawyer	113	51	1,033	36	12	.....	264
Shawano	7,173	7,718	27,109	7,461	4,318	9	2,744
Sheboygan	3,712	15,436	36,367	33,041	4,661	54	2,399
Taylor	158	64	3,636	739	394	2	565
Trempealeau	9,791	15,533	67,033	8,115	3,465	19	1,547
Vernon	8,036	21,923	51,103	9,250	520	9	1,755
Vilas	5	14	208	.....	10	.....	163
Walworth	716	56,709	36,391	21,323	1,562	.....	1,796
Washburn	1,079	1,014	8,008	642	301	3	734
Washington	4,952	15,417	27,814	49,238	3,720	8	2,477
Waukesha	3,065	29,887	38,292	17,540	6,083	112	4,829
Wauaca	3,212	16,861	35,010	4,633	7,663	15	17,109
Waushara	2,018	23,035	24,635	915	13,573	39	19,217
Winnebago	2,151	28,699	39,336	16,361	960	45	2,042
Wood	876	5,088	12,605	1,826	4,724	22	2,565
Total	213,754	1,315,724	2,072,381	712,845	306,460	10,304	222,447

STATEMENT OF ACREAGE OF CROPS, 1906—Continued.

COUNTIES.	NUMBER OF ACRES.							
	Sugar beets.	Othe' root crops.	Cran- berries.	Apple orchard	No. of growing apple trees.	Straw- berries.	Rasp- berries.	Black- berries.
Adams	1	3		60	1,750	3		
Ashland		67		40	226	11	1	1
Barron	338	172	32	24	515	25	9	2
Bayfield		32		35	1,457	33	1	2
Brown	489	344		709	22,437	23	6	2
Burnett		150	35	1		9	9	
Buffalo		3		88	5,202	5	3	3
Calumet	109	6		733	24,261	11	3	
Chippewa	1,150	26		144	5,250	22	22	
Clark	107	26		74	2,827	12	1	
Columbia	203	23		921	39,449	43	6	2
Crawford	48	6		825	25,915	22	11	9
Dane	1,703	11		737	44,316	50	18	4
Dodge	176	17		2,092	44,194	1,024	244	3
Door	232	66		1,172	47,942	13	6	
Douglas		45		8	97	7		
Dunn	172	6		114	4,665	15	4	
Eau Claire	171	10		137	6,788	64	28	7
Florence		15		16	250			
Fond du Lac	55	13		4,728	53,755	18	13	19
Forest		55						
Gates	8	27		17	181	6		
Grant	136			1,117	26,587	5	7	2
Green	23	5		690	25,472	9	17	8
Green Lake	36	7		424	17,353		2	2
Iowa	24			595	20,946			1
Iron				32	309			
Jackson	36	20	227	1,302	5,101	53	24	16
Jefferson	216	8		707	23,949	27	1	1
Juneau	114	13	42	231	7,043	6	3	2
Kenosha	6	1,298		3,534	34,244	29	21	
Kewaunee	515			831	41,355	1	2	
La Crosse		35		444	18,055	75	12	20
La Fayette				344	9,271			
Langlade	14	131			304	4		1
Lincoln		57		13	365	3		
Manitowoc	103	90	138	7,509	65,988	23	23	
Marathon	27	62		163	9,063	44	2	1
Marquette	248	56		260	13,341	2		
Marquette			20	359	11,705	10	3	3
Milwaukee	513	617		2,018	63,714	252	8	
Monroe	142	50	64	510	20,673	293	87	47
Oconto	332	76		635	23,021	5	1	
Oneida		15				3		
Outagamie	290	64		851	32,977	7	12	13
Ozaukee	218	11		1,136	33,685			
Pepin	12			84	2,446	7	3	1
Pierce	22	31		214	9,313	19	15	2
Polk		37	4	7	419	5	5	
Portage	13	3	8	71	3,443	9	13	1

STATEMENT OF ACREAGE OF CROPS, 1906—Continued.

COUNTIES.	NUMBER OF ACRES.							
	Su ar beets.	Othe root crops.	Cran- berries.	Apple o chard	No of g.ow ing apple trees.	Staw- berries.	Rasp- berr es.	Black- berries.
Price		58		32	1,371	310	45	72
Racine	61	97		1,488	39,402	96	2	
Richland	49			976	53,369	23	13	12
Rock	2,131	29		819	23,696	30	25	34
St. Croix	122	15		10	1,813	19	5	
Sauk	52	14		1,122	53,537	38	48	9
Sawyer		6				2		
Shawano	35	57		411	20,252			
Sheboygan	55	41		2,556	101,053	16	10	2
Taylor	13	29		5	482	3		
Trempealeau ..	1	1		175	8,323	16	1	1
Vernon	149	16		1,083	48,029	18	6	2
Vilas		48				2		
Walworth	79	5		1,114	28,137	4	4	
Washburn		159	3	65	342	27	4	
Washington ...	493	23		1,170	48,038	4	2	
Waukesha	765	41	1	2,397	53,744	99	5	1
Waupaca	217	14	6	507	16,853			
Waushara		9	510	312	16,873	11	6	
Winnebago	92	11		931	45,528	178	26	
Wood	69	156	725	54	2,117	10		
Total	12,449	4,698	1,815	52,183	1,435,127	3,218	348	507

STATEMENT OF ACREAGE OF CROPS, 1906—Continued.

COUNTIES.	NUMBER OF ACRES.						
	Cur- raunts.	Grapes.	F ax.	Hops.	Tobacco.	Culti- vated Grasses.	Growing Timber.
Adams					6	13,337	27,651
Ashland	2					6,601	2,600
Barron					21	43,463	16,296
Bayfield			2			2,953	1,380
Brown	7	10				52,083	17,320
Buffalo		7			48	30,614	53,183
Burnett						4,773	32,955
Calumet						31,444	16,298
Chippewa		132			210	42,573	10,623
Clark			146		5	63,843	67,132
Columbia				4	3,093	49,932	50,633
Crawford		3			2,379	42,415	77,793
Dane	4	3			14,576	100,594	75,798
Dodge	20	7			3	42,117	22,938
Door			19			31,520	4,379
Douglas						5,035	189
Dunn			321		333	40,146	40,701
Eau Claire		1	9		52	55,761	10,601
Florence						1,441	3,463
Fond du Lac	1¼					45,883	18,722
Forest						1,510	383
Gates					¼	4,435	18,846
Grant	¼	89			112½	83,192	63,931
Green	½	2			209½	73,730	31,407
Green Lake		2	35	4		12,790	13,799
Iowa		1				59,336	52,171
Iron						2,420	
Jackson	3				257	30,575	20,727
Jefferson		10½				26,062	16,904
Juneau		1			309	21,793	53,280
Kenosha			594			23,314	8,663
Kewaunee						34,617	10,065
La Crosse	1	19				31,820	50,100
La Fayette					12	56,776	14,221
Langlade						14,591	11,798
Lincoln						9,257	10,797
Manitowoc	4					53,145	25,100
Marathon	2				140	43,363	80,186
Marinette						10,118	1,880
Marquette						7,952	49,471
Milwaukee	17¼	4				21,275	7,086
Monroe			2	7	477	45,981	70,375
Oconto					9	30,820	10,135
Oneida						3,641	28,254
Outagamie						41,677	22,176
Ozaukee						32,314	10,934
Pepin		½				7,445	12,759
Pierce		¼				29,891	41,392
Polk						55,155	23,469
Portage				38		41,503	21,677

STATEMENT OF ACREAGE OF CROPS, 1906—Continued.

COUNTIES.	NUMBER OF ACRES.						Growing Timber.
	Cur- rants.	Grapes.	Flax	Hops.	Tobacco.	Culti- vated Grasses.	
Price	59	3				9,098	6,724
Racine						28,255	7,113
Richland	3	7			375	50,759	62,970
Rock	4½	1			6,884	71,065	23,785
St. Croix	4		728		26	57,492	12,340
Sauk	4	10			10	45,984	81,659
Sawyer						2,507	
Shawano						34,458	40,259
Sheboygan	2	1	2			935,524	33,415
Taylor						9,606	3,674
Trempealeau	¼				330	58,878	19,721
Vernon	1	6			7,331	69,704	113,314
Vilas						532	
Walworth					1	43,005	19,392
Washburn						5,990	
Washington	2					36,494	37,160
Waukesha	3	1			7	42,997	22,118
Waupaca						42,529	30,565
Waushara	1					35,142	53,315
Winnebago	1					43,292	10,938
Wood						17,616	11,329
Total	147	274	1,859	55	37,026	3,261,403	1,930,293

NUMBER AND VALUE OF LIVE STOCK—Continued.

COUNTIES.	NUMBER AND VALUE OF LIVE STOCK.					
	Milch cows.	Value.	All other cattle.	Value.	Horses all ages.	Value.
Adams	7,645	144,960	6,331	59,619	4,199	252,003
Ashland	2,419	63,066	700	5,521	1,775	116,331
Barron	16,485	336,104	13,466	114,423	7,368	399,175
Bayfield	933	19,519	912	5,419	983	48,142
Brown	21,146	429,142	8,778	85,512	9,507	632,536
Buffalo	14,120	332,554	13,857	194,336	6,775	511,247
Burnett	4,033	51,347	3,786	32,403	2,279	97,689
Calumet	12,769	351,123	6,673	96,756	6,383	496,382
Chippewa	15,414	288,369	11,966	108,100	6,832	447,534
Clark	38,014	462,867	21,443	258,850	9,955	542,106
Columbia	21,192	492,332	20,313	293,219	12,519	845,840
Crawford	12,482	231,142	15,726	179,703	5,585	311,887
Dane	49,790	1,011,925	36,450	574,522	22,957	1,533,566
Dodge	44,714	1,066,207	14,936	277,700	13,778	870,963
Door	9,704	158,030	7,835	61,749	4,297	251,244
Douglas	2,661	48,902	208	1,648	1,831	86,579
Dunn	16,693	289,425	13,782	113,673	7,202	432,554
Eau Claire	10,307	196,715	9,079	83,482	5,981	395,347
Florence	307	5,495	253	3,130	188	6,485
Fond du Lac	28,487	679,456	15,507	203,081	11,876	745,432
Forest	357	7,722	149	420	411	22,585
Gates	1,391	24,970	1,202	12,018	934	40,438
Grant	25,373	661,198	31,891	477,031	13,044	720,174
Green	29,217	817,277	55,562	1,307,368	9,410	639,690
Green Lake	11,517	219,564	5,968	63,578	5,620	301,053
Iowa	33,195	727,336	36,773	711,278	9,253	568,818
Iron	911	18,220	236	3,774	600	32,804
Jackson	11,699	210,602	13,053	112,181	6,290	397,634
Jefferson	34,165	831,397	10,772	112,700	9,566	620,669
Juneau	10,327	171,072	8,865	92,027	5,270	276,760
Kenosha	12,978	334,114	6,259	80,078	4,717	326,236
Kewaunee	13,939	218,684	8,551	67,598	6,215	571,974
La Crosse	24,609	334,934	10,236	115,827	6,290	426,189
La Fayette	20,177	520,329	28,702	529,343	8,348	460,271
Langlade	4,742	115,817	4,046	38,581	2,420	168,438
Lincoln	2,823	52,657	2,061	18,708	1,589	89,843
Manitowoc	26,696	577,987	18,043	165,796	11,924	700,072
Marathon	19,614	390,000	14,454	120,000	8,134	325,360
Marinette	4,576	68,933	2,953	18,785	2,597	105,006
Marquette	8,185	125,750	5,365	48,193	3,573	234,428
Milwaukee	10,811	242,067	1,317	17,011	19,391	1,129,318
Monroe	21,689	441,198	18,520	130,973	9,117	523,554
Oconto	10,251	168,270	5,562	64,399	6,079	297,645
Oneida	943	19,411	549	5,589	752	39,133
Outagamie	25,701	536,999	12,645	135,005	8,337	643,004
Ozaukee	13,374	338,242	5,374	58,806	5,057	321,421
Pepin	4,135	65,393	3,343	24,026	2,278	131,663
Pierce	13,181	254,914	16,435	165,956	7,437	490,154
Polk	18,098	327,679	17,743	159,244	7,196	408,984
Portage	15,918	304,123	7,852	74,154	8,238	516,120
Price	3,252	60,915	2,002	13,295	1,621	71,346
Racine	16,754	398,917	5,361	79,032	7,080	436,030
Richland	17,595	345,463	16,394	175,225	5,994	326,376
Rock	30,652	757,418	21,338	291,136	15,586	903,417
St. Croix	15,276	276,570	14,989	131,790	7,344	432,250

NUMBER AND VALUE OF LIVE STOCK--Continued.

COUNTIES.	NUMBER AND VALUE OF LIVE STOCK.					
	Milch cows.	Value.	All other cattle.	Value.	Horses all ages.	Value.
Sauk	30,204	633,174	21,349	235,838	10,103	655,132
Sawyer	805	14,587	492	3,864	779	36,059
Shawano	13,181	314,843	11,530	90,229	6,777	410,661
Sheboygan	32,254	975,619	12,441	189,876	12,341	811,954
Taylor	4,802	72,576	3,005	21,853	2,505	101,869
Trempealeau	20,000	409,000	23,938	247,791	10,988	739,004
Vernon	21,632	437,074	20,624	235,009	9,483	574,097
Vilas	247	5,032	23	226	282	10,995
Walworth	31,928	864,000	15,633	207,313	10,322	681,491
Washburn	1,931	31,487	1,584	12,022	1,227	46,434
Washington	11,140	444,895	9,827	125,146	9,592	630,709
Waukesha	25,680	527,779	8,753	107,858	11,211	543,870
Waupaca	25,514	463,341	12,835	128,804	8,817	537,170
Waushara	14,898	287,831	6,923	69,258	6,846	411,984
Winnebago	25,261	611,935	10,324	130,770	10,249	740,919
Wood	11,523	237,575	6,405	55,923	4,442	214,585
Total	1,129,441	323,912,496	804,848	\$10,276,110	486,500	\$29,905,680

NUMBER AND VALUE OF LIVE STOCK—Continued.

Counties.	Sheep and lambs.	Value.	Swine four months old or over.	Value.
Adams	1,810	4,183	2,720	20,519
Ashland	4,018	1,791	643	2,627
Barron	10,695	24,835	3,615	18,494
Bayfield	313	920	98	567
Brown	1,894	4,851	4,432	19,663
Buffalo	12,817	36,697	11,600	78,165
Burnett	939	1,812	846	3,342
Calumet	2,157	7,158	4,386	24,650
Chippewa	5,110	11,861	5,187	26,271
Clark	9,287	23,289	6,419	32,190
Columbia	22,290	67,418	19,403	155,395
Crawford	8,013	22,721	8,366	58,666
Dane	24,221	64,537	37,859	272,885
Dodge	9,507	22,800	17,016	100,830
Door	4,014	7,988	3,205	10,376
Douglas	418	696	153	605
Dunn	11,122	24,472	8,908	49,904
Eau Claire	3,491	10,681	4,811	29,023
Florence	52	208	7	42
Fond du Lac	19,164	48,179	12,216	65,585
Forest	72	81	126	536
Gates	800	1,724	367	1,440
Grant	17,458	68,828	32,735	244,464
Green	8,102	29,718	24,594	155,920
Green Lake	13,002	24,697	6,764	45,839
Iowa	10,843	37,556	16,902	134,159
Iron	174	630	136	897
Jackson	5,783	15,468	6,672	41,675
Jefferson	3,847	3,597	12,212	89,763
Juneau	8,466	22,121	4,211	25,112
Kenosha	6,277	18,529	4,378	32,757
Kewaunee	4,844	10,218	5,043	16,289
La Crosse	4,613	13,491	1,514	56,503
La Fayette	10,930	44,174	22,982	190,549
Langlade	1,877	5,057	1,641	7,032
Lincoln	1,941	4,508	885	3,996
Manitowoc	5,440	13,702	7,396	33,641
Marathon	16,165	30,000	5,334	15,000
Marinette	1,006	1,894	1,546	4,840
Marquette	5,260	11,820	3,239	20,188
Milwaukee	290	927	1,972	9,162
Monroe	12,781	34,002	9,579	58,283
Oconto	2,752	5,113	3,751	13,048
Oneida	148	291	331	745
Outagamie	6,724	20,362	10,439	56,774
Ozaukee	484	1,628	3,788	20,097
Pepin	2,995	5,916	3,390	21,607
Pierce	20,183	48,620	6,096	39,052
Polk	6,901	16,582	4,100	23,850
Portage	3,699	7,819	4,951	28,261
Price	541	1,229	341	1,506
Racine	6,530	16,401	5,997	30,479
Richland	23,783	62,928	15,595	106,123
Rock	18,491	57,382	26,022	221,922
St. Croix	10,409	28,978	4,753	29,987

NUMBER AND VALUE OF LIVE STOCK—Continued.

Counties.	Sheep and lambs.	Value.	Swine four months old or over.	Value.
Sauk	15,970	46,324	18,060	127,543
Sawyer	169	274	199	775
Shawano	10,648	23,052	8,242	28,413
Sheboygan	2,563	7,925	9,949	57,004
Taylor	1,229	1,849	816	2,910
Trempealeau	23,578	62,155	8,365	60,046
Vernon	26,123	83,756	10,084	69,238
Vilas	50	130	79	615
Walworth	13,232	36,568	18,123	140,321
Washburn	601	2,129	535	2,376
Washington	5,955	13,284	9,898	53,827
Waukesha	19,236	40,046	7,761	49,463
Waupaca	7,064	18,234	6,085	39,144
Waushara	3,780	8,127	4,481	30,094
Winnebago	9,161	33,034	8,794	64,244
Wood	2,794	5,742	2,203	14,233
Total	536,998	\$1,446,127	526,066	\$3,501,269





BIENNIAL REPORT

OF THE

Dairy and Food Commissioner

OF

WISCONSIN

For the Two Years Ending June 30, 1906.

J. Q. EMERY, Dairy and Food Commissioner.



MADISON, WISCONSIN:
DEMOCRAT PRINTING COMPANY, STATE PRINTER

Organization of the Dairy and Food Commission

1906

J. Q. EMERY, Albion,Dairy and Food Commissioner.
RICHARD FISCHER, Ph. D., Madison,Analytical Chemist.
U. S. BAER, Madison,Assistant Commissioner.
JAMES G. MOORE, Albion,Second Assistant Commissioner.
A. E. KUNDERT, Monroe,Assistant Chemist.
M. E. TWEEDEN, Oconomowoc,Assistant Chemist.
F. M. BUZZELL, Chippewa Falls,Chief Food Inspector.
F. E. CARSWELL, Richland Center, Cheese Factory Dairy and Food Inspector.
E. L. ADERHOLD, Neenah,Cheese Factory Dairy and Food Inspector.
FRED MARTY, Monroe,Cheese Factory Dairy and Food Inspector.
J. D. CANNON, New London,Cheese Factory Dairy and Food Inspector.
THOMAS CORNELIUSON, Evansville,Creamery Dairy and Food Inspector.
H. C. LARSON, Dodgeville,Creamery Dairy and Food Inspector.
WILL McADAM, Waukesha,Creamery Dairy and Food Inspector.
JAMES VANDUSER, Hebron,Creamery Dairy and Food Inspector.
P. A. LARSON, Holmen,Creamery Dairy and Food Inspector.
W. F. SCOTT, Mt. Horeb,Food Inspector.
ETHEL D. THOMAS, Madison,Stenographer and Confidential Clerk

LETTER OF TRANSMITTAL.

MADISON, WIS., Dec. 6, 1906.

To His Excellency, JAMES O. DAVIDSON,

Governor of Wisconsin.

DEAR SIR—I have the honor, in compliance with section 1410, statutes of 1898, and amendments thereto, to submit herewith the report of the Dairy and Food Commissioner for the biennial period ending June 30, 1906.

J. Q. EMERY,

Commissioner.

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COMMISSIONER'S REPORT.

The period of time included in this report is the two years commencing July 1, 1904, and ending June 30, 1906. The achievements within this period mark an epoch in the history of this commission. The legislature of 1905 gave evidence that the State had determined to enter upon a broad and comprehensive food and dairy policy, adequate in some just sense to our needs. Ten officials were added to the eight, who for the previous two years comprised the force, thus increasing the corps of the Dairy and Food Commission 125%. That legislature also provided that those officials should be experts in their line and should receive reasonable compensation for such expert service. The officers of the commission, except the commissioner, assistant commissioner and stenographer, were placed under the civil service law. It is appropriate here to state that all these officials have been selected with the most painstaking care to secure officials of the best technical skill and utmost fitness for the respective positions. Efficient young men of industry, tact, energy, skill and experience in the work to be done have been appointed. It is gratifying to be able to state that all of the employees of this commission, coming under the civil service law, were so well qualified for their respective positions that every one passed the civil service examination, not one failing. The one who received the lowest standing ranked a goodly number of points higher than the one receiving the highest ranking from among those taking the examination who were not members of the commission.

The following appointments have been made:

On July 12, 1905, James G. Moore of Albion, was promoted from the position of creamery inspector, provided by chapter 144 of the laws of 1903, to the position of second assistant commissioner, provided by chapter 390, laws of 1905.

On July 12, 1905, F. E. Carswell of Richland Center was promoted from the position of inspector, provided by section 1410 of the Wisconsin statutes, to the position of cheese factory dairy and food inspector, and E. L. Aderhold of Neenah, J. D. Cannon of New London and Fred Marty of Monroe were also appointed as cheese factory, dairy and food inspectors, under authority of chapter 390 of the laws of 1905.

On July 12, 1905, Thomas Corneliuson of Evansville and H. C. Larson of Dodgeville, and on December 14, P. A. Larson of Holmen were appointed creamery, dairy and food inspectors, under authority of chapter 390, laws of 1905.

On July 12, 1905, Will McAdam of Waukesha was appointed as creamery, dairy and food inspector, under authority of section 1410, statutes of 1898, to succeed F. E. Carswell, promoted.

On July 12, 1905, James Van Duser of Hebron was appointed creamery, dairy and food inspector, under authority of chapter 144, laws of 1903, to succeed James G. Moore, promoted.

On July 12, 1905, A. E. Kundert, assistant chemist, under authority of chapter 144, laws of 1905, was promoted to assistant chemist, under authority of chapter 390, laws of 1905.

On October 21, 1905, M. E. Tweeden of Oconomowoc was appointed assistant chemist, under authority of chapter 144, laws of 1905, to succeed A. E. Kundert, promoted.

August 15, 1905, Loretta Hibbard of Stoughton was appointed stenographer and confidential clerk to succeed A. T. Torge of Madison, resigned.

On September 21, 1905, Jennie Davis of Madison was appointed to succeed Loretta Hibbard, resigned.

On December 4, 1905, Ethel D. Thomas of Madison was appointed stenographer and confidential clerk to succeed Jennie Davis, resigned.

On December 4, 1905, F. M. Buzzell of Chippewa Falls was promoted from the position of food inspector, provided by chapter 144, laws of 1903, to the position of chief food inspector, under authority of chapter 390, laws of 1905.

On December 4, 1905, W. F. Scott of Mt. Horeb was appointed food inspector under authority of chapter 144, laws of 1903, to succeed F. M. Buzzell, promoted.

It thus appears that during the first years of the period

herein reported, eight officers comprised the entire force for a part but not all of the year and that the reorganization of the commission secured the services of eighteen officers for the greater part but not all of the second year.

The legislature of 1905 passed a large number of amendments to food laws which greatly strengthened those laws and in addition passed a number of new food and dairy laws which are among the most vigorous and stringent of such laws. Among the former may be mentioned the amended law relating to canned foods, antiseptics in chopped meats and sausages, vinegar, adulterated milk, adulterated cream and the sale of renovated butter. Among the more important and vigorous new food laws may be mentioned the law relating to chemical preservatives in foods, defining maple sugar and maple syrup, relating to the sale of syrups, molasses and glucose mixtures, buckwheat flour, defining lemon and vanilla extracts and relating to the sale of condensed milk and condensed cream.

By the foregoing provisions of the legislature in amending previously existing laws, and the enactment of new food and dairy laws, and the vigorous enforcement of those laws, made possible by the increased membership of the commission, it is not exaggeration to say that the state takes rank among the foremost in an effective dairy and food policy.

Full discussion of the operation and effect of the amended laws and the newly enacted laws cannot be given. A few particulars, however, may be given, which may serve to illustrate the many beneficial effects of those laws: A product that had been commonly sold on the market as sorghum has been compelled to be sold under the name of glucose mixture or corn syrup, and under a label showing its true composition to be 85 per cent. glucose or corn syrup and 15 per cent. of sorghum. A product that had been commonly sold as pure molasses has been compelled to be sold as glucose mixture or corn syrup with a label truly describing its constituents as 85 per cent. glucose or corn syrup and 15 per cent. of cane syrup or refiner's syrup. The sale of chopped meats and sausages containing deleterious chemical preservatives and stale meats artificially colored has been greatly checked and reduced to a minimum. The sale of lemon extracts containing lemon oil much below the proper standard or containing not even any lemon oil has been contested and greatly checked, and the sale of

lemon extracts containing the poisonous wood alcohol has been practically suppressed. The quality of buckwheat flour has shown a gratifying improvement. Dealers have found that they can no longer with impunity sell as pure maple syrup or pure maple sugar a product other than the genuine article and that their mixtures and compounds are to be sold for what they really are. The sale of codfish embalmed with borax has ceased to be unchallenged, and all canned foods, such as vegetables, meats, fish and shell-fish, have been largely purged of deleterious chemical preservatives and artificial coloring.

A great improvement, amounting practically to a revolution in food matters, has occurred in Wisconsin within the biennial period. Many adulterated articles of food have been removed from the shelves of dealers and in many instances from the state. Other unlawful food products have been relabeled to conform with the law. Some notion of the activities of the commission may be gathered from the following statements:

A total of 16,187 samples of food products has been analyzed by the chemists or examined and tested by dairy experts. Of this number 2,544 chemical analyses were made in the laboratory of the commission by the chemists.

Twelve thousand nine hundred eighty-six (12,986) samples of milk were tested by dairy experts for adulteration, and the Wisconsin curd test was applied to 1,000 samples of milk to determine their cleanliness and proper care.

Four thousand two hundred (4,200) inspections were made of the 2,923 cheese factories, creameries and skimming stations in the state.

Not less than 6,000 inspections have been made of meat markets, groceries and other places where food products are sold; thus making a total of more than 10,000 different inspections.

The milk supplies of 60 cities and villages have been thoroughly inspected.

Fifteen thousand (15,000) copies of quarterly or semi-annual bulletins, showing results of inspections, of chemical analyses, etc., have been published and distributed among the cheese factories, creameries and dealers in food products.

Two hundred thirty-five (235) convictions for violation of dairy and food laws have been secured and legal fines imposed.

An exhibit of adulterated foods at the State and a number

of County Fairs and an address on Food Adulteration, accompanied by the exhibit above mentioned, in the leading cities and villages of the state, has awakened unprecedented interest in the subject of pure foods.

WISCONSIN A GREAT DAIRY STATE.

Wisconsin is among the foremost dairy states of the union. In the extent and variety of her dairy products, she is excelled by none. The policy of our state in the inspection of cheese factories and creameries is akin to that of the national government in the recently enacted law for the inspection of meat packing establishments. Securing modern scientific practices, it tends to give the consumers cleanliness and purity in dairy products and consequent greater remuneration to those engaged in the dairy industry. It is wisdom upon the part of the state to carry into effect a policy which secures these results.

There are in Wisconsin more than 2,900 cheese factories, creameries and skimming stations. The value of their buildings and machinery approximates \$5,000,000. The number of their patrons exceeds \$102,000. There are 944,000 cows contributing more than 3,166,000,000 pounds of milk annually to the cheese factories and creameries. The annual revenue from all classes of dairy products, including by-products from cheese factories and creameries, exceeds \$57,000,000.

The following are statistics which I have been furnished from the census of 1905. These statistics were gathered with much care and it is confidently believed that they are a near approximation to accuracy. If they err it is probably in understatement rather than over-statement.

10 Report of Wisconsin Dairy and Food Commissioner.

DAIRY STATISTICS FOR THE YEAR ENDING JUNE 30, 1905.

Counties.	No. of cheese factories	Value of buildings and machinery.	No. of patrons.	No. of cows.	Number of pounds of milk received.	Number of pounds of cheese produced.	Amount received for products sold.
Adams	3	4,050	126	910	3,176,043	322,453	\$32,113
Ashland	3	2,000	50	310	427,250	42,725	4,358
Barron	11	7,250	241	1,524	3,191,634	343,661	30,609
Bayfield	2						
Brown	41	48,650	1,334	11,549	34,951,688	3,422,026	328,794
Buffalo	15	38,782	205	3,264	9,664,285	965,041	77,777
Calumet	47	61,575	1,117	9,806	32,859,184	3,092,377	314,421
Chippewa	10	10,700	295	2,296	5,470,828	467,831	41,885
Clark	28	34,600	686	6,107	15,084,492	1,529,000	133,619
Columbia	9	9,100	157	1,652	6,025,446	604,257	58,083
Crawford	5	2,500	90	785	1,653,165	159,689	43,601
Dane	71	45,345	607	9,762	37,777,311	4,587,092	388,035
Dodge	126	200,860	2,778	33,715	126,823,162	13,255,630	1,239,487
Door	22	16,900	561	4,219	9,110,993	839,226	75,082
Dunn	5	4,600	83	715	1,704,702	172,052	15,236
Eau Claire	1	409	26	296	870,683	90,126	7,811
Fond du Lac	50	81,450	1,452	14,382	42,617,502	4,018,796	396,974
Forest	1	259	11	35	90,000	9,000	900
Grant	29	59,300	557	6,737	19,322,115	1,909,948	177,065
Green	201	257,900	1,525	28,277	110,302,822	10,529,907	1,088,741
Green Lake	1	4,002	25	204	616,255	30,156	5,740
Iowa	111	82,955	1,241	18,635	59,304,924	5,732,843	545,304
Jackson	1	700	17	190	378,229	37,895	3,373
Jefferson	4	8,150	190	2,314	8,854,388	875,188	87,511
Juneau	6	8,600	140	1,230	3,551,011	343,155	26,991
Kewaunee	57	44,350	1,557	12,058	30,054,302	3,002,126	255,734
La Crosse	6	5,550	92	1,450	5,341,523	545,575	49,628
Lafayette	87	92,305	986	14,241	50,449,784	4,700,762	437,398
Lanlgade	11	12,850	274	2,251	4,084,392	353,710	32,888
Lincoln	4	5,000	114	765	1,845,809	187,294	
Manitowoc	81	119,415	2,908	25,654	79,881,144	7,726,477	735,834
Marathon	33	31,835	804	6,382	11,253,281	1,123,708	91,339
Marquette	7	8,300	187	1,271	2,238,603	228,423	28,149
Monroe	4	1,750	197	544	2,184,486	191,864	19,280
Oconto	19	14,725	343	2,322	4,308,420	428,307	39,529
Outagamie	66	105,800	2,005	18,616	55,196,984	5,086,355	487,701
Ozaukee	24	16,900	554	5,508	15,150,113	1,472,737	131,378
Pierce	4	2,600	86	585	1,801,755	182,815	16,214
Polk	6	5,200	182	1,950	5,822,952	503,598	50,909
Portage	1	500	25	200	500,000	50,000	4,200
Price	2						
Richland	43	52,825	1,099	11,435	32,603,436	3,288,828	295,277
Rock	15	7,906	163	2,009	5,029,675	475,862	45,216
St. Croix	7	7,050	382	2,685	6,632,384	677,054	61,334
Sauk	14	32,400	424	4,768	17,149,109	1,631,794	148,673
Sawyer	1	1,000	11	93	165,894	17,567	1,547
Shawano	53	125,570	1,380	10,738	22,640,021	2,241,450	208,495
Sheboygan	115	173,160	2,800	29,187	121,695,048	11,622,155	1,111,583
Taylor	5	2,000	92	491	1,545,644	163,739	15,774
Trempealeau	3	1,084	16	200	657,870	51,590	4,645
Vernon	15	8,500	182	1,556	4,875,835	484,834	44,297
Washington	44	71,955	1,384	11,948	37,301,477	3,711,905	357,479
Waukesha	5	4,500	87	1,075	3,001,081	309,265	29,837
Waupaca	28	58,100	928	7,995	23,701,778	2,361,225	214,592
Waushara	5	4,700	134	1,275	4,039,443	385,275	33,619
Winnebago	40	49,815	645	7,192	26,765,930	2,379,636	235,863
Wood	15	21,255	444	3,335	8,299,365	795,076	71,859
Total	1,632	\$2,070,737	34,011	348,817	1,120,205,675	109,910,112	10,419,708

Report of Wisconsin Dairy and Food Commissioner... 11

DAIRY STATISTICS, 1905—Continued.

Counties.	No. of cream-eries and skin stations.	Value of build'gs and machinery.	No. of patrons.	Number of cows.	Number of pounds of milk received.	Number of pounds of butter produced.	Amount received for products sold.
Adams	13	17,600	435	5,000	8,754,026	391,480	\$89,090
Ashland	3	5,000	121	725	1,320,000	345,200	13,798
Barron	21	45,890	1,599	9,756	28,756,064	1,413,414	278,368
Bayfield	1						
Brown	13	45,300	982	8,855	26,593,079	1,317,605	258,242
Buffalo	11	31,100	1,558	13,505	59,950,986	1,838,309	376,809
Burnett	9	19,800	544	3,000	10,172,602	462,615	92,251
Calumet	6	32,900	517	3,235	13,178,244	673,637	134,893
Chippewa	21	56,400	1,443	10,313	27,309,251	1,589,754	310,650
Clark	43	89,350	1,997	16,170	49,688,838	2,123,540	426,673
Columbia	29	47,800	1,374	9,447	30,375,711	1,132,861	240,847
Crawford	11	17,636	429	3,070	12,376,175	502,177	95,887
Dane	67	242,000	3,582	33,531	120,107,099	5,359,034	1,202,068
Dodge	41	91,960	1,278	13,118	23,019,373	2,777,768	573,145
Door	6	12,000	265	2,068	6,509,030	284,529	53,085
Douglas	1						
Dunn	20	43,600	1,455	11,132	41,737,527	1,771,424	397,576
Eau Claire	16	38,500	1,215	11,585	31,733,300	1,218,349	255,181
Florence	1	800	12	100	120,000		1,200
Fond du Lac	55	124,000	2,068	16,938	75,525,074	3,353,116	708,955
Grant	49	63,400	2,006	17,777	59,064,575	2,397,168	478,516
Green	5	21,500	333	2,625	9,188,276	405,029	82,317
Green Lake	26	36,300	907	7,785	22,441,722	1,117,545	249,839
Iowa	18	29,000	596	5,592	18,750,370	829,250	167,967
Iron	1	3,000	18	70	220,746	6,690	1,393
Jackson	16	25,500	1,036	9,038	23,459,875	877,897	175,574
Jefferson	80	220,025	2,850	33,185	136,421,435	6,345,891	368,530
Juneau	11	19,500	1,016	8,030	25,532,244	1,200,225	258,800
Kenosha	19	42,700	746	8,905	32,944,879	1,414,875	310,967
Kewaunee	4	18,875	275	2,566	8,085,013	304,617	65,522
La Crosse	8	56,300	1,342	14,606	62,928,537	2,347,064	503,764
Lafayette	20	51,300	643	6,505	22,833,120	938,948	194,751
Langlade	4	3,700	78	585	807,238	36,413	5,410
Lincoln	7	7,900	56	265	774,948	37,122	7,023
Manitowoc	20	21,000	301	2,613	8,582,357	336,846	73,889
Marathon	23	65,300	766	6,598	13,888,322	733,103	128,743
Marquette	16	34,700	778	5,120	14,763,947	745,149	145,143
Milwaukee	4	6,000	175	1,500	4,855,740	232,584	50,926
Monroe	31	43,980	2,616	23,538	79,259,236	3,456,254	714,800
Oconto	15	13,500	203	1,180	4,276,154	184,278	34,854
Oneida	1						
Outagamie	14	26,500	420	3,785	12,745,548	570,590	104,698
Ozaukee	6	22,000	428	4,032	15,525,544	688,662	140,885
Pepin	6	10,400	638	3,300	12,752,683	537,262	116,326
Pierce	14	21,200	1,088	6,550	26,182,694	1,025,763	209,917
Polk	31	57,925	1,753	13,184	40,634,715	1,832,532	378,576
Portage	28	66,500	1,827	11,439	39,679,199	1,684,357	338,605
Price	4	6,000	73	400	741,166	36,930	5,354
Racine	21	45,200	1,010	7,684	32,833,905	1,430,602	327,127
Richland	26	24,950	629	4,749	17,262,488	797,223	145,906
Rock	47	71,392	1,852	20,875	68,170,819	3,046,036	630,733
Rusk	2	11,500	109	680	532,714	25,268	4,506
St. Croix	20	54,200	1,810	16,115	43,146,090	1,831,987	395,381
Sauk	29	60,900	2,352	19,595	78,921,411	2,927,161	506,845
Shawano	11	20,150	403	2,994	6,304,111	260,877	52,724
Sheboygan	8	8,300	163	1,714	6,398,076	214,160	60,205
Taylor	7	20,000	405	2,305	9,076,125	376,098	64,621
Trempealeau	16	39,000	3,306	24,540	88,036,918	2,820,642	595,202
Vernon	17	23,500	1,203	8,755	27,564,472	1,390,538	261,570
Walworth	50	130,447	2,225	30,688	143,989,547	4,985,222	1,977,090
Washburn	2	2,500	59	370	139,500	33,850	6,770
Washington	11	49,500	867	8,672	27,748,716	1,159,966	280,555
Waukesha	42	104,802	1,545	13,095	52,803,337	2,356,823	509,043
Waupaca	26	71,850	2,030	16,933	63,877,197	2,773,624	599,327
Waushara	34	59,700	1,714	18,771	47,341,687	2,159,548	467,085
Winnebago	26	41,100	1,140	13,284	21,416,046	1,730,443	369,836
Wood	30	50,450	1,260	9,339	26,617,563	1,033,289	225,316
Total	1,291	\$2,904,682	68,002	595,870	2,046,735,514	88,405,397	19,380,405

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DAIRY STATISTICS, 1905—Continued.

Counties.	Total number of pounds of mi. k.	Value of dairy products sold or consumed on farms, other than sold to factories.	Value of factory products.	Total value dairy products.
Adams	22,447,521	\$88,428	\$121,208	\$209,636
Ashland	12,423,711	137,608	18,156	155,765
Barron	60,079,937	240,441	309,035	549,476
Bayfield	8,930,945	123,558		123,558
Brown	91,781,515	267,359	587,033	854,395
Buffalo	96,118,615	242,764	454,583	697,350
Burnett	23,266,766	120,263	92,251	212,514
Calumet	6,465,311	159,764	449,314	609,078
Chippewa	59,217,639	199,648	352,544	552,192
Clark	91,610,314	214,089	583,292	777,381
Columbia	74,698,815	308,746	298,880	607,623
Crawford	33,758,308	164,483	109,483	273,931
Dane	207,948,858	463,490	1,590,033	2,053,533
Dodge	193,932,651	342,258	1,509,632	2,151,890
Door	41,110,302	202,625	131,167	333,792
Douglas	5,189,948	99,695		99,695
Dunn	73,758,782	248,633	375,892	624,435
Eau Claire	1,031,042	189,968	363,022	549,988
Florence	3,602,160	31,106	1,200	32,303
Fond du Lac	143,029,533	263,509	1,105,929	1,379,433
Forest	1,395,279	20,321	900	21,221
Gates	11,492,518	138,540	4,595	143,133
Grant	119,842,984	345,708	657,581	1,001,289
Green	149,497,314	279,379	1,171,061	1,450,440
Green Lake	37,591,351	150,840	306,879	457,719
Iowa	93,000,379	141,097	713,091	854,158
Iron	3,454,396	60,804	1,338	62,142
Jackson	42,673,043	184,036	208,647	392,683
Jefferson	187,061,372	443,544	1,456,041	1,899,535
Juneau	51,508,171	180,827	285,791	466,118
Kenosha	53,254,833	296,961	310,967	607,928
Kewaunee	53,533,672	107,702	321,256	428,953
La Crosse	93,621,969	273,944	553,397	827,336
Lafayette	89,724,943	179,489	632,149	811,638
Langlade	24,334,376	200,544	38,268	238,812
Lincoln	19,115,507	201,969	27,855	229,824
Manitowoc	114,371,401	238,187	899,733	1,047,910
Marathon	75,410,060	471,406	218,085	689,491
Marinette	30,042,779	288,551	28,149	316,700
Marquette	21,156,687	71,167	145,143	216,310
Milwaukee	51,338,497	671,820	50,976	672,756
Monroe	113,511,767	329,169	734,080	1,063,249
Oconto	38,715,155	268,613	74,323	372,993
Oneida	4,787,265	72,427		72,427
Outagamie	166,053,330	331,654	592,396	924,053
Ozaukee	57,014,872	269,618	864,667	1,134,285
Pepin	18,310,917	49,338	116,326	165,664
Pierce	67,455,647	290,327	226,131	516,453
Polk	64,600,075	155,707	429,545	1,585,267
Portage	57,277,276	174,304	342,367	517,169
Price	17,172,528	178,672	5,354	184,023
Racine	59,370,277	309,737	327,127	636,864
Richland	63,744,555	135,228	441,183	576,411
Rock	103,449,355	305,691	705,949	1,011,640
St. Croix	74,694,979	238,293	456,715	695,008
Sauk	128,689,367	314,738	745,518	1,060,256
Sawyer	3,390,267	103,589	1,547	104,133
Shawano	64,497,526	303,482	261,219	564,701
Sheboygan	62,265,681	293,997	1,171,738	1,465,735
Taylor	18,965,467	67,952	80,398	148,350
Trempealeau	132,616,953	313,939	641,697	955,636
Vernon	91,165,310	599,055	947,519	1,546,574
Vilas	172,826	3,678		3,678
Walworth	166,818,644	298,759	1,977,090	2,275,849
Washburn	12,346,723	114,240	6,770	121,010
Washington	83,982,388	189,563	638,034	827,600
Waukesha	115,184,390	372,336	533,880	1,211,216
Waupaca	111,192,973	212,996	813,919	1,026,915
Waushara	66,448,922	126,201	493,654	619,855
Winnebago	83,531,127	353,877	695,699	959,576
Wood	58,917,988	257,785	297,175	554,960
Total	4,727,572,744	\$16,345,808	\$51,255,024	\$47,600,832

Estimating the value of by-products from cheese factories and creameries at \$10 per cow, the annual amount realized for such by-products is \$9,446,870, which added to the foregoing total of \$47,600,832 gives a grand total of \$57,047,702 as the annual revenue from the dairy products of the state. It would require \$1,140,954,040 invested at 5% interest to produce the above gross income.

CHEESE FACTORY AND CREAMERY INSPECTION.

Previous to July, 1905, the work of the commission relating to creameries and cheese factories was limited to emergency work of testing the milk of patrons as to butter fat content, skimming and watering. The number comprising the commission was so small that no other systematic work for improving the creameries and cheese factories seemed possible. With the largely increased force of the commission, provided by the legislature of 1905, more work of different character was possible.

In July of that year, upon the enlargement of the commission, a comprehensive and aggressive campaign of cheese factory and creamery inspection was inaugurated. When upon inspection, cheese factories or creameries were found in an unclean or unsanitary condition, the inspector stated to the management the provisions of law relating to the same and gave a reasonable time in which to put the factory into a clean and sanitary condition. That inspection was followed by a second inspection after a reasonable time, and if there had been no reasonable effort at compliance with previous warning, then the management was prosecuted for violation of law. Upwards of thirty (30) convictions were secured. In most cases the party pleaded guilty and paid the minimum fine of \$25 and costs. The report of these convictions by the press of the state had a stimulating effect upon the managers of the creameries and cheese factories generally throughout the state and in consequence a thorough-going cleaning up of factories resulted.

The mission of the inspector at the cheese factory or creamery is for the purpose of improving conditions there and not merely to promote self-satisfaction with existing conditions. His ever present spirit and purpose must be to promote progress. We can justify the employment and payment of these inspectors only for the purpose of improving existing con-

ditions. The inspector goes to the creamery or cheese factory to examine carefully and inquire into every condition present in that creamery or cheese factory and to ascertain what is right and what needs improvement. This he does in the presence of the maker and thereby many times raises the standard in the quality of the maker's work. He goes to the creamery or cheese factory in the early morning and takes a sample of each patron's milk as delivered. He examines the scales to ascertain if they are accurately balanced or are so set as to cheat the patrons out of a few pounds of milk each morning, and lay the foundation for the report of a large overrun, for not only does inaccurate weighing defraud the patron but makes a false report and impression as to the amount of overrun and the price paid per pound for butter fat. The kind of competition thus engendered between cheese factories and creameries is fraudulent and destructive of the best interests of the industry.

The inspector stands by the weigh cans and inspects the work of the man who receives the milk, as well as the milk and cans of the patron. He scrutinizes the method of taking the samples of milk for testing and how the composite samples are cared for. He observes carefully whether or not the man who is taking in the milk receives any unclean, unsuitable or unlawful milk, and if unclean, unlawful or otherwise unsuitable milk is offered by the patron and received by the creamery man he warns both alike concerning the unlawful and unwise practice. At times he instructs the patron as to the proper way to wash and care for his cans and the proper method of caring for milk. He shows him how the quality of the product and therefore the price and hence the profits to the patron are ultimately dependent upon the clean and wholesome character of the milk furnished by the patron. He discloses to the patron how these bad milks affect the flavors of the dairy products in quality and value and how some rations fed to the herd at improper times or in unsuitable quantities may injuriously affect the entire output of the factory, thus imposing a loss upon all the patrons.

Having taken samples of the milk from the last gallon or two of the patron's milk as it was delivered from the cans and having passed that milk through filters of absorbent cotton or through filter papers, he exhibits to them the actual filth, if

any, thus taken from their milk on the morning of his inspection.

He has instruments and uses them to test the pipettes to see if they are absolutely correct as to size. He tests the calibration of the bottles to determine their accuracy or inaccuracy. At the beginning of this work about 25 per cent. of the bottles were found to be incorrectly calibrated. He applies his speed tester to the Babcock test to ascertain if the operator is running it at the rate of speed to give accurate results. He tests the sulphuric acid to find if it is of the correct strength. He ascertains at what temperature the operator reads the test and if he measures the fat column from the lowest point at the bottom to the extreme top limit of the meniscus as he should. He tests the skim milk, butter milk and whey for butter fat content. He ascertains if the weights used for weighing the cream in testing are accurate. He examines the weigh-cans, pipes, pumps, churns, vats, vat gates and everything connected with the factory to ascertain if they are kept clean, and he does the same as to the floors and walls as well as the surroundings. In his inspection of the surroundings he gives particular attention to the drainage, and where that is defective he suggests means for securing adequate drainage. If conditions are found bad or unlawful he warns the maker or manager that they must be changed within reasonable time or prosecution must necessarily follow, and he prosecutes if the change is not made.

If he finds the milk at the factory below the legal standard of butter fat or otherwise unlawful, he visits the farm and takes samples there for testing. The discrepancy, if any, between the tests of the milk at the factory and that at the farm determines the course to be pursued.

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DISBURSEMENTS FOR THE YEAR ENDING JUNE 30, 1905.

Emery, J. Q., Commissioner, salary and expenses.....	\$2,638 40
Baer, U. S., Assistant Commissioner, salary and expenses...	2,625 22
Fischer, Richard, Chemist, salary and expenses.....	1,941 47
Torge, A. T., Stenographer, salary.....	900 00
Kundert, A. E., Assistant Chemist, salary.....	600 00
Moore, J. G., Inspector, salary and expenses.....	1,909 14
Carswell, F. E., Inspector, salary and expenses.....	2,011 50
Buzzell, F. M., Inspector, salary and expenses.....	1,418 81
Madison P. O., postage.....	801 73
Am. Express Co., expressage.....	33 69
U. S. Exp. Co., expressage.....	26 45
Henrichs Dry Goods Co., laboratory supplies.....	12 52
The Menges Pharmacies, laboratory supplies.....	10 45
Stephenson & Studeman, supplies.....	12 65
Democrat Printing Co., printing.....	559 76
Jarvis, C. W., drayage.....	6 75
W. U. Telegraph Co., telegrams.....	6 14
Ferris, E. S., drayage.....	25
McCannell, W. T. & Son, laboratory supplies.....	80
Clark Engraving Co., halftones.....	4 50
C. M. & St. P. Ry. Co., freight.....	5 27
Wis. Telephone Co., messages.....	3 75
Electrical Supply Co., supplies.....	1 65
Burrowbridge, John, drayage.....	40
Nielson, Andrew, photograph.....	3 00
Sargent, E. H. & Co., supplies.....	264 45
Baker & Co., supplies.....	176 71
Bausch & Lomb Opt. Co., supplies.....	53 80
Creamery Package Manufacturing Co., supplies.....	85 92
	\$16,117 18

DISBURSEMENTS FOR THE YEAR ENDING JUNE 30, 1906.

Emery, J. Q., Commissioner, salary and expenses.....	\$2,719 38
Baer, U. S. Assistant Commissioner, salary and expenses..	2,519 68
Moore, J. G., Second Assistant Commissioner, salary and expenses	2,560 14
Fischer, Richard, Chemist, salary and expenses.....	2,132 84
Kundert, A. E., Assistant Chemist, salary and expenses...	1,329 53
Tweeden, Melvin E., Assistant Chemist, salary.....	375 00
Hibbard, Loretta, Sten. & Confidential Clerk, salary.....	87 50
Davis, Jennie, Steno. & Confidential Clerk, salary.....	175 00
Torge, A. T., Steno. & Confidential Clerk, salary.....	112 50
Thomas, Ethel D., Steno. & Confidential Clerk, salary....	525 00
Carswell, F. E., Inspector, salary and expenses.....	2,281 64
Aderhold, E. L., Inspector, salary and expenses.....	2,003 01
Marty, Fred, Inspector, salary and expenses.....	1,853 50
Cannon, J. D., Inspector, salary and expenses.....	2,020 88
Corneliuson, T., Inspector, salary and expenses.....	1,965 69
Larson, H. C., Inspector, salary and expenses.....	1,922 35
Buzzell, F. M., Inspector, salary and expenses.....	1,718 02
McAdam, Wm., Inspector, salary and expenses.....	1,636 90

Van Duser, Jas., Inspector, salary and expenses.....	1,535 88
Gettle, L. E., Special Counsel, fees and expenses.....	334 34
Scott, W. F., Inspector, salary and expenses.....	841 18
Larson, P. A., Inspector, salary and expenses.....	1,936 92
C. M. & St. P. Ry. Co., freight.....	46
C. & N. W. Ry. Co., freight.....	13 51
U. S. Express Co., expressage.....	85 43
Am. Express Co., expressage.....	163 31
Wis. Tel. Co., messages.....	45 05
W. U. Tel. Co., telegrams.....	23 07
Schwaab Stamp and Seal Co., wax seals.....	8 75
Ferris & Ferris, drayage.....	6 50
The A. Spiegel Co., bottles.....	24 00
Madison P. O., postage.....	1,849 09
Democrat Printing Co., printing.....	1,505 65
Moseley, Jas. E., laboratory supplies and dictionary.....	\$33 05
Park, Wm. J., supplies.....	6 35
Jarvis, C. W., drayage.....	21 50
Henrichs Dry Goods Co., cloth.....	4 00
Burroughs, Geo. & Son, cases.....	168 60
Postal Tel. Co., telegrams.....	1 67
Sargent, E. H. & Co., laboratory supplies.....	232 64
Conklin & Son, laboratory supplies.....	5 10
Barber, A. H., cheese trier exp.....	13 33
Cornish, Curtis & Green Co., milk testers.....	16 00
Stephenson & Studeman, laboratory supplies.....	2 55
The Creamery Pkg. Mfg. Co., laboratory supplies.....	155 01
Teimer & Amend, laboratory supplies.....	112 50
Menges, A. F., laboratory supplies.....	22 82
	\$36,206 88

DAIRIES.

Many dairies and dairy herds where milk is produced have been inspected as to their sanitary condition. Numerous city and village milk supplies have been inspected as to their cleanliness and lawful conditions have been enforced.

More detailed statements concerning barn inspections are made in the special reports of assistants and inspectors.

In the month of August, 1904, this commission made a very thorough inspection of the milk supply in seven Wisconsin cities. The objects sought were to ascertain whether or not any chemical preservatives were being used; second, the butter fat content of the milk; third, whether or not any milk was below the legal standard in solids not fat; fourth, by the use of the Wisconsin curd test, to ascertain the character of the milk as to cleanliness and the care it had received.

Dr. Fischer, state chemist, improvised a portable laboratory for making the necessary chemical tests. Of the 201 samples

of milk and cream gathered and tested, not one showed the presence of a chemical preservative. Only two samples were found to fall below the legal standard of 3 per cent butter fat and none fell below the legal standards in solids not fat. The average per cent of butter fat of all the samples was 3.89, ranging from 2.7 per cent to 7.5 per cent.

Of 133 samples tested by the Wisconsin curd test, 112 showed curds of a close, firm texture, and of clean, agreeable odor, indicating that the milks which yielded those curds were produced under clean and suitable conditions and were clean and suitably cared for.

Of the 133 curds, 20 were gassy and had tainted odors, showing abnormal conditions.

The test showed that 85 per cent of the samples taken and tested was excellent and above reasonable criticism as to cleanliness and suitable care.

In the months of January, February and March of the current year, the commission made an inspection of the city milk supply in 44 Wisconsin cities. By this inspection, we sought to ascertain first, the butter fat content of the milk inspected; second, whether or not any milk was below the legal standard in solids not fat; and third, by the use of the Wisconsin curd test, to ascertain the character of the milk as to cleanliness and the care it had received.

In this inspection, 596 samples of milk were taken. Of this number only 5 fell below the legal standard of 3% butter fat; and only 16 fell below the legal standard of solids not fat. About one-third of the 596 samples were tested for chemical preservatives and none were found. Of this total number, 477 samples or about 80 per cent gave curds of a character showing that the samples taken were normal milk, of excellent character and above criticism as to cleanliness and the care received.

Of the total number of samples taken, 119 yielded gassy curds, characterized as pin-hole or spongy curds, which indicated the presence in greater or less degree of gas producing organisms. The interpretation to be placed upon that condition is that the milk from which those 119 samples were taken was not absolutely normal, was not produced under perfectly clean conditions or had not been properly cared for, and that some of them were produced under filthy conditions. In many

cases barn inspections were made which corroborated the conclusions arrived at by the curd tests.

The various cities showed a wide variation in the qualities of milk. Of the 44 cities, 17 had no gassy curds. The percentage of gassy curds in the remaining cities varied from 50 per cent to 4 per cent.

NATIONAL FOOD LAWS.

The National Food and Drugs Act of June 30, 1906 and the amendments to the National Meat-Inspection Law, approved June 30, 1906, are long steps forward in securing to consumers pure foods. They were much needed laws and adequately enforced will accomplish much good. But the American people must not lull themselves into the belief that the pure food goal has been reached. That goal is one that can be reached only by the most efficient and persistent effort and struggle. Vested interests and cupidity are yet to be confronted. The tax upon the American consumers consequent upon paying for genuine articles and receiving adulterations is enormous. What was several years ago declared by the New York Court of Appeals is yet true: "It is notorious that the adulteration of food products has grown to proportions so enormous as to menace the health and safety of the people. Ingenuity keeps pace with greed and the careless and heedless consumers are exposed to increasing perils. To redress such evils is a plain duty, but a difficult task." The more the food official investigates, the more does he discover the countless ramifications of food adulteration where it had not before been suspected. The manufacturers and venders of adulterated foods have claimed in justification that the trade demands their products, but at the same time they have been most prolific and artful in devising means of concealing from the purchasers and consumers the true character of the product sold. To redress these wide-spread wrongs will require the combined efforts of the Nation and the State.

There has been not a little misapprehension in the minds of some as to the relations of the national food law and the state food law. Some have supposed that the national food law would operate to abrogate the state law. Nothing could be farther from the truth. The national law applies only to interstate commerce and the territories. Violators of the national law

are responsible to national officers. On the other hand, the state food laws are no less supreme within the state. They are enforced by state officials. Compliance with the state law is not necessarily compliance with the national law, nor is compliance with the national law necessarily compliance with the state law. There must be compliance with both national and state laws.

LEGISLATION NEEDED.

Human laws are at the best imperfect and it is only by persistent effort that they can be made to approximate perfection and become effective. Improvements can and should be made in the dairy and food laws of this state. Ambiguities should be removed and weak laws strengthened. Laws that experience has demonstrated to be ineffective should be made effective. False labeling should be specifically punished. The new national food law calls for some legislation to harmonize state law with national law. Especially is this true where the national law is strong and effective, but national law where weak and ineffective should not be permitted to lower our own standard.

Provision for additional clerical help in the office of the dairy and food commission has not kept pace with provision for expert work in the field. The Assistants to the Dairy and Food Commissioner, unlike assistants in most offices, are experts in dairy lines and their services are too valuable to be spared for office work. The same is true of expert inspectors. An imperative need of the dairy and food commissioner's office in addition to the one stenographer and clerk now authorized by law is a stenographer qualified to act as indexing and filing clerk, with adequate compensation to secure efficient service. Unless efficient service can be secured it would be better to have none.

The volume of work in food lines is dependent upon the amount of work that can be done by the chemists. So far but little work has been undertaken with drugs, beverages and confectionery. An additional assistant chemist at \$1,500 a year and necessary expenses should be provided for the commission, and the compensation of the assistant chemist, who now receives but \$50 per month under the provisions of Chapter 144, laws of 1903, should be made adequate to the securing and retention of

efficient service. The present penurious compensation of that officer results in frequent changes, detrimental to the service.

While the present number of cheese factory, creamery, dairy and food inspectors has accomplished and can accomplish a large volume of work, yet the number of such inspectors is not fully adequate to existing needs. Some reasonable addition to the present number of inspectors, 3 to 5, with expert qualifications like those prescribed in chapter 390 of the laws of 1905, is a needed acquisition to the present force of this commission and should be provided.

The inspector provided for in Section 1410 of the statutes of 1898 and the two provided for in chapter 133, laws of 1903, should be given an equal salary with the other inspectors, instead of the meager per diem which now constitutes their compensation.

The amount authorized by section 1410d, statutes of 1898, as expenses for making analyses is inadequate and should be increased.

CONVICTIONS.

The following is a list of convictions secured:—

- July 7, 1904.—George Dinkol, Beaver Dam, for delivering unmerchantable milk to a cheese factory. Fined twenty-five dollars and costs by Judge W. D. Stacy.
- July 21.—F. Krenn, St. Lawrence, Washington Co., for delivering adulterated milk to a cheese factory. Fined twenty-five dollars and costs by Justice Wallace.
- July 23.—John Pinter, Boyd, Chippewa Co., for delivering adulterated milk to a cheese factory. Fined twenty-five dollars and costs by judge of the municipal court.
- October 19, 1904.—Wm. Lillick, Sun Prairie, Wis., for selling sausage containing artificial coloring and antiseptics. Fined \$75.00 and costs, Dane county municipal court.
- October 19, 1904.—F. B. Haberman, Sun Prairie, Wis., for selling sausage containing artificial coloring and antiseptics. Fined \$75.00 and costs, Dane county municipal court.
- November 1, 1904.—No'an Bros., Janesville, Wis., for selling lemon extract adulterated with methyl (wood) alcohol. Fined \$25.00 and costs, municipal court, Janesville, Wis.
- November 1, 1904.—M. Ellis, Evansville, Wis., for selling lemon extract adulterated with methyl (wood) alcohol. Fined \$25.00 and costs. Municipal court, Janesville, Wis.
- November 15, 1904.—J. L. Colvin, salesman, for selling to Ives Roberts, Fort Atkinson, Wis., lemon extract adulterated with methyl (wood) alcohol. Fined \$25.00 and costs, justice court, Fort Atkinson, Wis.

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- November 25, 1904.—John McGovern, Reeseville, Wis., for selling adulterated and unmerchantable milk to a cheese factory. Fined \$25.00 and costs. Justice of the peace, H. F. Spiering.
- November 25, 1904.—Joseph Pachel, Reeseville, Wis., for delivering unmerchantable milk to a cheese factory. Fined \$25.00 and costs. Justice of the peace, John Herberg.
- February 2, 1905.—August Zick of Clinton, Rock Co. Charged with delivering adulterated milk at a creamery. Fined \$25 and costs in municipal court at Janesville.
- February 2.—Charles Zick of Clinton, Rock Co. Charged with delivering adulterated milk at a creamery. Fined \$25 and costs in municipal court at Janesville.
- February 8.—L. Laubenheimer, 2112 Hall Ave., Marinette. Charged with selling Calumet Baking Powder containing alum and not lawfully labeled. Fined \$10 and costs by Justice Biru.
- February 6.—Wm. F. Pfeil, 378 Main St., Oshkosh. Charged with selling adulterated cider vinegar. Fined \$10 and costs by Judge Goss.
- February 6.—W. H. St. John, 273 Wisconsin Ave., Oshkosh. Charged with selling adulterated cider vinegar. Fined \$10 and costs by Judge Goss.
- February 6.—W. A. Lueck & Co., 58 Main St., Oshkosh. Charged with selling adulterated cider vinegar. Fined \$10 and costs by Judge Goss.
- May 17.—Fred Schafer, Calamus, Dodge Co. Charged with delivering adulterated milk at a cheese factory. Fined \$25 and costs in Justice Stacey's court at Watertown.
- May 17.—F. Pieper, Calamus, Dodge Co. Charged with delivering adulterated milk at a cheese factory. Fined \$25 and costs in Justice Stacey's court at Watertown.
- May 17.—Wm. Schafer, Beaver Dam, Dodge Co. Charged with delivering adulterated milk at a cheese factory. Fined \$25 and costs in Justice Stacey's court at Watertown.
- May 17.—John Zemlo, Beaver Dam, Dodge Co. Charged with delivering adulterated milk at a cheese factory. Fined \$25 and costs in Justice Stacey's court at Watertown.
- May 17.—Anton Bach, Beaver Dam, Dodge Co. Charged with delivering adulterated milk at a cheese factory. Fined \$25 and costs in Justice Stacey's court at Watertown.
- May 17.—Robert Giese, Mayville, for delivering unmerchantable milk to a cheese factory. Fined \$25 and costs by Judge W. D. Stacy.
- May 17.—Fred Tornow, Hustisford, for delivering unmerchantable milk to a cheese factory. Fined \$25 and costs by Judge W. D. Stacy.
- May 17.—Aug. Fircks, Mayville, for delivering unmerchantable milk to a cheese factory. Fined \$25 and costs by Judge W. D. Stacy.
- May 17.—Aug. Kamrath, Mayville, for delivering unmerchantable milk to a cheese factory. Fined \$25 and costs by Judge W. D. Stacy.
- May 17.—William Schmidt, Hustisford, for delivering unmerchantable milk to a cheese factory. Fined \$25 and costs by Judge W. D. Stacy.

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- May 27.—L. W. Burtis, Newark. Charged with delivering watered milk to a creamery. Fined \$25 and costs by Janesville municipal court.
- May 27.—F. Rossiter, Footville. Charged with delivering watered milk to a creamery. Fined \$25 and costs by Janesville municipal court.
- June 3.—H. O. Hodsdon, Stevens Point. Charged with having preservatives in milk. Fined \$25 and costs by J. B. Carpenter, Justice.
- June 13.—Rudolph Schimming, Madison, Dane Co. Charged with delivering adulterated milk at a creamery. Fined \$25 and costs in municipal court at Madison.
- June 16.—J. J. Birkhauser. Town of Marshfield, Fond du Lac Co. Charged with selling decomposed, putrid whey butter for dairy butter. Found guilty after jury trial. Fined \$25 and costs by Justice Watson of Fond du Lac.
- June 13.—F. Kurth, South Wayne, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Justice J. H. Cleary, Darlington.
- June 13.—M. L. Heindel, South Wayne, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Justice Cleary, Darlington.
- June 24.—C. C. Zimmerman, Brodhead, for delivering adulterated milk to cheese factory. Fined \$25 and costs by Justice John Luchsinger, Monroe.
- June 27.—Ole Hanson, South Wayne, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Justice Cleary, Darlington.
- July 11.—Winter Bros., Gratiot, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Justice Cleary, Darlington.
- July 25.—N. Ganske, Chetek, for selling sausage containing a chemical preservative. Fined \$25 and costs by Justice Atwater, Barron.
- July 26.—J. McKenzie, Guthrie, for delivering watered milk to a creamery. Fined \$25 and costs in municipal court, Waukesha.
- July 26.—D. G. Smith, proprietor Hotel Green Bay, for furnishing watered and skimmed milk to a guest. Fined \$25 and costs by Judge Monahan.
- July 26.—J. Van der Linden, manager of co-operative creamery, for maintaining unsanitary conditions. Fined \$25 and costs by Judge Monahan.
- July 28.—James Remington, Fond du Lac, for selling as vanilla extract an adulteration. Fined \$25 and costs by Justice Watson.
- August 11.—Fred Crippen, for keeping an unclean creamery. Fined \$25 and costs by Judge Donovan, Madison.
- August 12.—Herman Severty, Attica, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Judge Edward Ruegger, Monroe.
- August 17.—A. Charmack, 712 University avenue, Madison, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge Donovan.
- August —.—Walter & Schultz, 224 State street, Madison, for selling hamburger steak, containing a chemical preservative. Fined \$25 and costs by Judge Donovan.

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- August 18.—A. H. Schuler, 621 University avenue, Madison, for selling hamburger steak containing chemical preservative. Fined \$25 and costs by Judge Donovan.
- August 18.—Kemmer Bros., 112 N. Pinckney street, Madison, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge Donovan.
- August 18.—Wm. Hopprick, manager Cudahy's market, 111 W. Mifflin street, Madison, Wis., for selling hamburger steak containing chemical preservative. Fined \$25 and costs by Judge Donovan.
- August 18.—M. J. Hoven, 101 N. Hamilton street, Madison, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge Donovan.
- August 18.—J. Kleuter, 508 Wilson street, Madison, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge Donovan.
- August 19.—Scheler Bros., Carroll & Dayton streets, Madison, for selling hamburger steak containing a chemical preservative. Fine remitted. Paid costs. Judge Donovan.
- August 19.—C. F. Jordon, 908 Williamson street, Madison, for selling sausage containing chemical preservative. Fined \$25 and costs by Judge Donovan.
- August 22.—Adam Omen, 304 E. Main street, Madison, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge Donovan.
- August 22.—Schmitt & Braun, 654 Williamson street, Madison, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge Donovan.
- August 23.—Arthur Laabs, Waupaca, for selling lemon extract containing wood alcohol. Fined \$50 and costs by Justice M. B. Scott.
- August 29.—John King, Stevens Point, for selling baking powder compound not lawfully labeled. Fined \$25 and costs by Justice James B. Carpenter, Stevens Point.
- August 29.—Karl Bros., 1201 Williamson street, Madison, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge Donovan.
- August 29.—C. J. Ehrman, 1234 Williamson street, Madison, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge Donovan.
- August 29.—Geo. Soelch, 202 E. Main street, Madison, for selling hamburger steak containing artificial coloring matter and a chemical preservative. Fined \$25 and costs by Judge Donovan.
- August 29.—John Addison, 422 S. Park street, Madison, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge Donovan.
- August 29.—W. H. Hintzen, 551 W. Main street, Madison, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge Donovan.
- September 5.—Thos. Keho, Janesville, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Judge C. L. Fifield, Janesville.
- September 10.—W. W. Nash, Janesville, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge Fifield.

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- September 13.—Miller & Rasmussen, Green Bay, for not lawfully labeling ice wagon. Judge Monahan. Fined \$50 and costs.
- September 21.—F. Hibe', Dodgeville, for keeping an unclean cheese factory. Fined \$25 and costs by Judge R. Lane, Dodgeville.
- September 21.—W. E. Edwards, manager L. S. Walker & Co., Hancock, for selling lemon extract containing wood alcohol. Fined \$25 and costs by Justice R. Hubble.
- September 25-26.—Julius Krueger, Madison, agent for Plankington Packing Co., for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge Donovan.
- September 28.—J. Chamberlain, Albany, for delivering adulterated milk to cheese factory. Fined \$25 and costs by Judge E. Ruegger, of Monroe.
- October 2.—Water Powers, Dodgeville, for using unclean apparatus for the manufacture of cheese. Fined \$25 and costs by Judge R. Lane, Dodgeville.
- October 3.—Arnold Westerbeck, Oostburg, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice N. S. Goodell.
- October 3.—Ben T. Hennepe, Waldo, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice N. S. Goodell.
- October 3.—Frank C. Corbett, Sheboygan Falls, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice N. S. Goodell.
- October 3.—Dan Piper, Plymouth, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice N. S. Goodell.
- October 3.—Charles Piper, Cascade, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice N. S. Goodell.
- October 3.—A. J. Lammers, Cedar Grove, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice N. S. Goodell.
- October 3.—Robert Ninnemann, Cascade, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice N. S. Goodell.
- October 3.—E. B. Mayhew, Greenbush, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice N. S. Goodell.
- October 3.—Nick Nagel, Waldo, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice N. S. Goodell.
- October 3.—H. A. Rehm, Plymouth, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice N. S. Goodell.
- October 3.—Garrett Kleinhesselink, Cedar Grove, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice N. S. Goodell.
- October 3.—George Miller, Random Lake, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice N. S. Goodell.

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- October 6.—Wm. Folmer, Avon, for having in possession adulterated milk with intent to deliver to a cheese factory. Pled guilty. Fined \$25 and costs by Justice J. U. Moss, Avon.
- October 6.—Thos. Smith, Brodhead, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Judge C. L. Fifield, Janesville.
- October 7.—Charles Kornely, Manitowoc, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Judge Schmitt.
- October 7.—William Stoneman, Mishicott, for maintaining an unclean and unsanitary butter factory. Fined \$25 and costs by Judge Schmitt.
- October 7.—John Chalupnik, Fisch Mills, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Judge Schmitt.
- October 7.—Mike Sabe', Grimms, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Judge Schmitt.
- October 7.—Gerhardt Sladweiler, Whitelaw, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Judge Schmitt.
- October 7.—Otto Weyer, Manitowoc, for maintaining an unclean and unsanitary combined cheese and butter factory. Fined \$25 and costs by Judge Schmitt.
- October 7.—F. H. Olm, Cleveland, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Judge Schmitt.
- October 12.—Chas. Reimer, Waupun, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Justice John Herberg, Mayville.
- October 12.—W. J. Fenelon, Waupun, for selling sausage containing a chemical preservative. Fined \$25 and costs by Justice John Herberg, Mayville.
- October 13.—F. Wunro, Appleton, for delivering watered milk to a cheese factory. Fined \$25 and costs by Justice Hineman.
- October 13.—J. A. Schroeder, Appleton, for delivering skimmed milk to a cheese factory. Fined \$25 and costs by Justice Hineman.
- October 16.—W. W. Woodring, Janesville, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge Fifield.
- October 19.—Wm. Naulin, Waldo, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice N. S. Goodell.
- October 19.—Wm. Sthr, Cadiz, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Justice C. G. Smith, South Wayne.
- October 20.—Jacob Bachmann, Black Creek, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice Fred Heinemann.
- October 27.—R. Lehrer, Appleton, for selling sausage containing a chemical preservative. Fined \$25 and costs by Justice Heineman.
- October 27.—T. Wentink, Appleton, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Justice Heineman.

- October 27.—C. Wentink, Appleton, for selling hamburger steak containing chemical preservative. Fined \$25 and costs by Justice Heineman.
- October 28.—William Naulin, Waldo, for maintaining an unclean and unsanitary cheese factory. Fined \$25 and costs by Justice N. S. Goddell.
- October 27.—Merkel & Boehine, Appleton, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Justice Hineman.
- October 30.—A. S. Stanke, Wausau, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge L. Marchette.
- October 30.—Haesle & Willemans, Wausau, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge L. Marchette.
- October 30.—J. H. Yost, Wausau, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge L. Marchette.
- October 30.—R. Lass, Wausau, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge L. Marchette.
- October 30.—Chas. Geisler, Wausau, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge L. Marchette.
- October 30.—Keiffer Bros., Wausau, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge L. Marchette.
- November 9.—J. B. Smith, Janesville, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge Fifield.
- November 9.—W. A. Murray, Janesville, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge Fifield.
- November 23.—Swift & Krueger, Wausau, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge L. Marchette.
- November 28.—L. Bischel, Chippewa Falls, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge F. Jenkins.
- November 28.—L. Ritzenger, Chippewa Falls, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge F. Jenkins.
- November 28.—Boehn Bros., Chippewa Falls, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge F. Jenkins.
- November 28.—Kalk Bros., Chippewa Falls, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge F. Jenkins.
- December 1.—Joseph A. Janvrink and J. F. Chamberlain, Beloit, for not having ice wagons lawfully labeled. Fined \$25 and costs by Justice J. R. Booth.
- December 4.—A. C. Perkins, Beloit, for selling adulterated cream. Fined \$25 and costs by Justice J. R. Booth.
- December 5.—Wm. Winch, Mazomanie, for delivering adulterated milk to a creamery. Fined \$25 and costs by Judge Donovan, Madison.

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- December 5.—C. K. Millions, Cadot, for serving watered milk at meals. Fined \$25 and costs by Judge F. Jenkins, Chippewa Falls. Fine remitted.
- December 5.—E. Sheldon, Mazomanie, for furnishing adulterated milk to a creamery. Fined \$25 and costs by Judge Donovan, Madison.
- December 6.—Seyberth & Neuser, Eau Claire, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge Gilbertson.
- December 6.—J. P. Meyers, Eau Claire, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge Gilbertson.
- December 6.—John Fredin, Eau Claire, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge Gilbertson.
- December 6.—R. Kleiner, Eau Claire, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge Gilbertson.
- December 6.—F. Kleiner, Eau Claire, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge Gilbertson.
- December 6.—A. J. Kitzman, Eau Claire, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge Gilbertson.
- December 6.—M. O. Soly, Eau Claire, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge Gilbertson.
- December 9.—J. Blassino, Eau Claire, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge Gilbertson.
- December 9.—L. E. Cranie, Eau Claire, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge Gilbertson.
- December 9.—Alf & Walter, Eau Claire, for selling sausage containing a chemical preservative. Fined \$25 and costs by Judge Gilbertson.
- December 11.—Wm. Sinaiko, manager Roberman Fruit Store, Madison, for refusing to sell or deliver an article of food for analysis to an inspector of the Dairy and Food Commission when tendered the price. Pleaded guilty. Fined by Judge Donovan.
- December 12.—N. Birma, Osseo, agent for Farmers' Wholesale Grocery Co., Minneapolis, for selling compound syrup not lawfully labeled. Pleaded guilty. Fined \$100 and costs by Justice Anderson of Osseo.
- December 13.—Glasheen, Appleton, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Justice Hineman.
- 1906.
- Jan. 5.—Wm. Busch, Spooner, for selling chopped meats containing chemical preservative. Fined \$25 and costs by Justice Ryan, Shell Lake.
- Jan. 6.—Tony Rich, Agent for W. S. Hines Co., Cumberland, for selling lemon extract containing wood alcohol. Fined \$25 and costs by Justice F. B. Kinsley, Barron.

- January 11.—George Gaddes, Cumberland, for selling hamburger steak containing chemical preservative. Fined \$25 and costs by Police Justice F. B. Kinsley, Barron.
- January 11.—Peter Holcom, Cumberland, for selling hamburger steak containing chemical preservative. Fined \$25 and costs by Police Justice F. B. Kinsley, Barron.
- January 12.—John S. Sipple, Menomonie, for selling lemon extract containing wood alcohol. Fined \$25 and costs in Municipal Court, Menomonie.
- January 12.—Schutte & Quilling, Menomonie, for selling lemon extract containing wood alcohol. Fined \$25 and costs in Municipal Court, Menomonie.
- January 24.—A. G. Luzden, Hudson, for selling hamburger steak containing chemical preservative. Fined \$25 and costs in Police Justice C. A. Disney's Court, Hudson.
- January 24.—Johnson Bros., Hudson, for selling hamburger steak containing chemical preservative. Fined \$25 and costs in Police Justice C. A. Disney's Court, Hudson.
- February 24.—I. J. Hammond, Monroe, for selling cream below legal standard in fat. Fined \$25 and costs by Justice Ed. Ruegger, Monroe.
- February 26.—Geo. Hanson, La Crosse, for selling adulterated milk. Fined \$25 and costs by Judge Brindley, Municipal Court, La Crosse. Fine remitted.
- February 28.—Charles Bec, Marinette, for selling adulterated milk. Fined \$25 and costs by Police Justice H. M. Bird.
- February 28.—Charles Beo, Marinette, for selling adulterated milk. Fined \$25 and costs by John O. Miller, District Attorney.
- March 3.—Chr. Diefenbach, clerk for Drummond Packing Co., Eau Claire, for selling sausage containing boric acid or a salt thereof. Fined \$25 and costs by Judge J. C. Gilbertson, Eau Claire. Appealed to Circuit Court.
- March 3.—J. Welsh, Eau Claire, for selling sausage containing boric acid or a salt thereof. Fined \$25 and costs by Judge J. C. Gilbertson, Eau Claire.
- March 5.—Berkmorse & Weyberg, Hudson, for selling Glucose Mixture for "Maple Cane Syrup." Fined \$25 and costs in Police Justice C. A. Disney's Court, Hudson.
- March 16.—Nelse Swanson, Ashland, for selling hamburger steak containing chemical preservative. Fined \$25 and costs by Judge George H. McCloud, Ashland.
- March 17.—Anderson Bros., Bayfield, for selling lemon extract containing wood alcohol. Fined \$25 and costs by Judge A. M. Warden, Washburn.
- March 17.—Sever Swanson, Washburn, for selling hamburger steak containing chemical preservative. Fined \$25 and costs by Judge A. M. Warden, Washburn.
- March 23.—R. Keissling, Medford, for selling hamburger steak containing chemical preservative. Fined \$25 and costs by Justice of Peace G. R. Giffers.
- March 28.—Geo. Seigner, Spooner, for selling Buckwheat flour mixed with corn flour. Fined \$25 and costs by Justice Ryan, Shell Lake.

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- April 3.—Wm. Podelitz, Merrill, for selling adulterated milk. Fined \$25 and costs by Judge A. A. Helen.
- April 4.—De'pheinich & Kneisel, La Crosse, for selling milk below the legal standard of milk solids. Fined \$25 and costs by Judge Brindley, La Crosse.
- April 4.—Fenton Nacter, Prairie du Chien, for selling adulterated milk. Fined \$25 and costs by Justice C. C. Chase.
- April 5.—J. T. Paulson, Superior, for selling adulterated milk. Fined \$25 and costs by Judge Parker.
- April 5.—John Gunduson, Superior, for selling adulterated milk. Fined \$25 and costs by Judge Parker, Superior.
- April 5.—J. Jacobson, Grand Rapids, for selling milk below the legal standard in milk fat. Fined \$25 and costs by Justice B. L. Brown.
- April 6.—August Larson, Superior, for selling adulterated milk. Fined \$25 and costs by Judge Parker.
- April 11.—E. B. Jones, Fond du Lac, for selling adulterated milk. Fined \$25 and costs by Justice D. F. Blewett, Fond du Lac.
- April 11.—Chr. Diefenbach, clerk for Drummond Packing Co., Eau Claire, for selling sausage containing boric acid or a salt thereof. Found guilty in Circuit Court on appeal.
- April 11.—B. Ireland, Oconomowoc, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Judge Edwards.
- April 12.—Hobson & Welsh, Iron River, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge Ernest Sauve, Iron River.
- April 13.—Martin Berg, agent for F. H. Drummond, Cable, for selling vanilla extract containing wood alcohol. Fined \$25 and costs by Judge Ernest Sauve, Iron River.
- April 13.—John Zink, S. Kaukauna, for selling adulterated milk. Received jail sentence of 30 days by Justice James Lennon, Appleton, in default of payment of fine of \$25 and cost.
- April 16.—Chas. Morgenrath, Wausau, for selling adulterated milk. Fined \$25 and costs by Municipal Judge Marchetta, Wausau.
- April 27.—August Kargus, Oshkosh, for selling adulterated milk. Fined \$25 and costs by Judge A. H. Goss, Oshkosh.
- April 27.—W. D. Owen, Oshkosh, for selling adulterated milk. Fined \$25 and costs by Judge A. H. Goss, Oshkosh.
- April 27.—G. S. Hoekstra, Sheboygan, for selling adulterated milk. Fined \$25 and costs by Judge J. M. Gibbin.
- April 27.—Herman Bros., Sheboygan, for selling adulterated milk. Fined \$25 and costs by Judge J. M. Gibbin.
- April 28.—Fred Born, Rosendale, for delivering dirty milk. Fined \$25 and costs by Justice Watson.
- April 29.—Geo. Sparks, Oshkosh, for selling adulterated milk. Fined \$25 and costs by Judge H. Goss.
- April 30.—F. Doemel, Oshkosh, for selling milk below the legal standard for milk fat. Fined \$25 and costs by Judge A. H. Goss.
- May 5.—A. H. Young & Sons, Abbotsford, for selling lemon extract containing wood alcohol. Fined \$25 and costs by Justice Frank Finsteadt, Colby.

- May 9.—J. Gehler, Johnson Creek, for delivering adulterated milk to a creamery. Fined \$25 and costs by Judge D. S. Stacy.
- May 9.—H Brunk, Johnson Creek, for delivering adulterated milk to a creamery. Fined \$25 and costs by Judge D. S. Stacy.
- May 9.—A. Natz, Johnson Creek, for delivering adulterated milk to a creamery. Fined \$25 and costs by Judge D. S. Stacy.
- May 9.—Wm. Keeling, Johnson Creek, for delivering adulterated milk to a creamery. Fined \$25 and costs by Judge D. S. Stacy.
- May 11.—John Austin, Vernon, for delivering adulterated milk to a creamery. Fined \$25 and costs by Judge D. S. Tel'er.
- May 10.—C. M. Grimsrud, Superior, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge F. S. Parker, Superior.
- May 10.—Henry Schnuckel, Watertown for delivering milk below $8\frac{1}{2}\%$ of solids not fat. Fined \$25 and costs by Justice Stacy.
- May 10.—R. D. McEwen, Superior, for selling Hamburger steak containing a chemical preservative. Fined \$25 and costs by Justice F. S. Parker, Superior.
- May 10.—Anthony Metzger, Superior, for selling Hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge F. S. Parker, Superior.
- May 10.—F. W. Wollity, Ripon, for selling P. V. Syrup containing saccharin. Fined \$25 and costs.
- May 11.—A. H. Neudeck, Neenah, for selling Maple Syrup containing saccharin. Fined \$25 and cost by Judge Goss, Oshkosh.
- May 12.—A. P. Fleischman, Fond du Lac, for selling renovated butter not lawfully labeled. Fined \$25 and costs by Justice Blewett.
- May 16.—Anderson Bros., Superior, for selling Hamburger steak preserved with sulphurous acid or a salt thereof. Fined \$25 and costs by Judge Parker.
- May 16.—Meriski Bros., Superior, for selling Hamburger steak preserved with sulphurous acid or a salt thereof. Fined \$25 and costs by Judge Parker.
- May 16.—Ole G. Turneson, Superior, for selling Hamburger steak preserved with sulphurous acid or a salt thereof. Fined \$25 and costs by Judge Parker.
- May 16.—A. R. Hallam, Superior, for selling Hamburger steak preserved with sulphurous acid or a salt thereof. Fined \$25 and costs by Judge Parker.
- May 16.—A. E. Blomquist, Superior, for selling sausage preserved with boric acid or a salt thereof. Fined \$25 and costs by Judge Parker.
- May 16.—M. C. Grimsrud, Superior, for selling renovated butter and not stamping it according to law. Fined \$25 and costs by Judge Parker.
- May 17.—E. F. Moe, Superior, for selling sausage preserved with boric acid or a salt thereof. Fined \$25 and costs by Judge Parker.

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- May 17.—Layman & Sprague, Mellen, for selling sausage preserved with boric acid or a salt thereof. Fined \$25 and costs by Judge McCloud, Ashland.
- May 17.—Lightner & Schindler, Ashland, for selling Hamburger steak preserved with sulphurous acid or a salt thereof. Fined \$25 and costs by Judge McCloud, Ashland.
- May 17.—Ne's Swanson, Ashland, for selling sausage preserved with sulphurous acid and boric acid or salts thereof. Fined \$25 and costs by Judge McCloud, Ashland.
- May 17.—Ray Henten, Ashland, for selling Hamburger steak preserved with sulphurous acid or a salt thereof. Fined \$25 and costs by Judge McCloud, Ashland.
- May 17.—Chas. Rood, Ashland, for selling renovated butter and not lawfully stamping same. Fined \$25 and costs by Judge McCloud.
- May 17.—Chas Rood, Ashland, for selling Hamburger steak preserved with sulphurous acid or a salt thereof. Fined \$25 and costs by Judge McCloud.
- May 17.—John Drier, Monroe, for manufacturing whey butter under unclean conditions. Fined \$25 and costs by Justice Ed. Ruegger.
- May 18.—Adam Duran, Madison, for selling Maple Syrup containing saccharin. Fined \$25 and costs by Judge Donovan, Madison.
- May 18.—Chas. Marks, Madison, for selling maple syrup containing saccharin. Fined \$25 and costs by Judge Donovan, Madison.
- May 22.—E. H. Fredrich, Clerk for Bardon Kellog & Co., Ashland, for selling lemon extract containing wood alcohol. Fined \$25 and costs by Judge G. H. McCloud, Ashland.
- May 22.—W. Gehler, Johnson Creek, for selling adulterated milk. Fined \$25 and costs by Justice W. D. Stacy, Watertown.
- May 22.—M. Warner, Johnson Creek, for selling adulterated milk. Fined \$25 and costs by Justice W. D. Stacy, Watertown.
- May 22.—J. Warner, Johnson Creek, for selling adulterated milk. Fined \$25 and costs by Justice W. D. Stacy, Watertown.
- May 22.—F. Raabe, Johnson Creek, for selling adulterated milk. Fined \$25 and costs by Justice W. D. Stacy, Watertown.
- May 22.—H. Winter, Johnson Creek, for selling adulterated milk. Fined \$25 and costs by Justice W. D. Stacy, Watertown.
- May 22.—A. Scheunke, Johnson Creek, for selling adulterated milk. Fined \$25 and costs by Justice W. D. Stacy, Watertown.
- May 22.—Joseph Nicho's, Marinette, for selling renovated butter not lawfully labeled. Fined \$25 and costs by Justice Bird.
- May 22.—Frank Kadulski, Niagara, for selling renovated butter not lawfully labeled. Fined \$25 and costs by Justice Fairchild.
- May 23.—B. O. Oyaas, Superior, for selling a mixture of calcium acid phosphate, calcium phosphate and starch for cream of tartar. Fined \$25 and costs by Judge F. S. Parker, Superior.
- May 23.—J. Bery, Rockfield for delivering milk below standard and 8½% of solids not fat. Fined \$25 and costs by Justice Robertson, South Bend.

Report of Wisconsin Dairy and Food Commissioner. 33

- May 24.—McGeorge Bros., Hayward, for selling a mixture of calcium acid phosphate, calcium sulphate and starch for cream of tartar. Fined \$25 and costs by Judge Rirdan, Hayward.
- May 28.—Martin Sauter, Superior, for selling Hamburger steak preserved with sulphurous acid or a salt thereof. Fined \$35 and costs before Judge Parker, Superior.
- May 29.—Gabe Souseck, Leopolis, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Justice O. Andrews, Shawano.
- May 29.—Albert Ready, Leopolis, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Justice O. Andrews, Shawano.
- May 29.—Joseph Stodola, Leopolis, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Justice L. C. Bolt, Shawano.
- May 29.—Frank Zeman, Leopolis for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Justice L. C. Bolt, Shawano.
- May 29.—Albert Reetz, Leopolis, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Justice L. C. Bolt, Shawano.
- May 31.—Peterson Bros., Hurley, for selling sausage preserved with boric acid or a salt thereof. Fined \$25 and costs by Justice Griff Thomas, Hurley.
- May 31.—J. A. Becker, Hurley, for selling sausage preserved with boric acid or a salt thereof. Fined \$25 and costs by Justice Griff Thomas, Hurley.
- May 31.—W. Walter, Hurley, for selling sausage preserved with boric acid or a salt thereof. Fined \$25 and costs by Justice Griff Thomas, Hurley.
- June 4.—Peter Durst, Waterford, for delivering milk below the legal standard for milk fat. Fined \$25 and costs by Judge Wm. Smieding, Racine.
- June 7.—W. Mellenthin, Spencer, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Justice Firnstahl.
- June 7.—C. Evert, Spencer, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Justice Firnstahl.
- June 12.—Wm. Glueck, Waterford, for delivering milk below the legal standard for milk fat. Fined \$25 and costs by Judge Wm. Smieding, Racine.
- June 16.—Steinhoff, Stephens & Co., Platteville, for selling hamburger steak preserved with sulphurous acid, or a salt thereof. Fined \$25 and costs by Justice S. W. Traber, Platteville.
- June 16.—John M. Reis, Madison, for selling a lemon extract which contained less than five per centum of lemon oil. Fined \$25 and costs by Judge Donovan, Madison.
- June 16.—F. S. Dhooge, Ashland, for selling hamburger steak preserved with sulphurous acid or a salt thereof. Fined \$25 and costs by Judge McCloud, Ashland.

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June 20.—C. Behm, Johnson Creek, for delivering milk below legal standard for milk fat. Fined \$25 and costs by Justice W. D. Stacy, Watertown.

June 20.—Hurbert L. Rogers, Minoqua, for selling hamburger steak containing a chemical preservative. Fined \$25 and costs by Judge Paul Browne, Rhinelander.

June 26.—W. Newburg, Bangor, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Judge Brindley, La Crosse.

June 26.—F. Kizer, Bangor, for delivering adulterated milk to a cheese factory. Fined \$25 and costs by Judge Brindley, La Crosse.

June 30.—John Simonson, Deerfield, for delivering milk below the legal standard for milk fat. Fined \$25 and costs by Judge Donovan, Madison.

REPORT OF THE CHEMIST.

HON. J. Q. EMERY,
Dairy and Food Commissioner,

Madison, Wis.

Sir:—I herewith submit my report as Chemist for the Wisconsin Dairy and Food Commission for the period from July 1, 1904 to June 30, 1906. During this period, 2560 samples of food and drugs were analyzed in the laboratory of the Commission, of which 1460 were pronounced adulterated or misbranded.

It should be emphasized that these figures and those given in the appended summary do not by any means represent the true conditions of the Wisconsin market. In most instances only such samples were submitted for analysis as were suspected of being adulterated. This is particularly true of butter, cheese, cream, milk, oleomargarine and canned goods, where the reported percentages of adulteration are very much higher than the actual figures. Thus while the actual number of samples of milk collected by our inspectors from city milk supplies was 1147, only 99 of these were sent to the laboratory as suspicious and 60 of these or 8.6 per cent of the total number were found adulterated. Similarly, 115 samples out of a total of 8802 samples collected by inspectors at creameries or cheese factories were found adulterated, a total of 1.3 per cent.

In other instances, as evaporated creams, lemon and vanilla extracts, jellies, jams, and preserves, maple sugars and syrups, the percentages given very nearly represent conditions as they existed at the beginning of the period, but they are very much too high for the present.

Again in the case of chopped meats and sausages, the figures given are doubtless too low for conditions in 1904, but much too

high for 1906, a vast improvement being noticeable in these and many other articles of food.

Respectfully submitted,

RICHARD FISCHER,

Chemist.

Article.	No. samples analyzed.	No. samples pronounced adulterated or mis-branded.	Percent of adulterated or mis-branded samples.
Baking powder	75	49	65.3
Beverages	55	38	69.1
Buckwheat flour	91	35	38.4
Butter	65	14	21.5
Canned goods	21	21	100.0
Catsup	52	46	88.4
Cheese	12	3	25.0
Cream	34	34	41.4
Evaporated cream	30	30	100.0
Condensed milk	5	0	0.0
Cream of tartar	15	7	46.6
Drugs	14	10	71.4
Lemon extract	300	170	56.6
Vanilla extract	73	64	87.6
Other extracts	17	11	64.7
Honey	28	20	71.4
Jams, jellies and preserves	63	54	85.7
Chopped meats and sausages	359	130	36.2
Other meats and meat products	13	5	38.4
Milks	507	190	37.5
Miscellaneous	40	6	15.0
Oleomargarine	168	147	87.5
Spices	18	11	61.1
Maple sugar	44	39	88.6
Maple syrup	115	95	82.6
Other syrups	48	33	68.7
Vinegar	250	198	79.2
Total	2,560	1,460	57.0

BAKING POWDERS.

The Wisconsin law on Baking Powders differs from that of most other states in that the names of all the ingredients are not required to appear on the label. Instead, the law provides that baking powders containing alum in any form or shape must have the presence of the same distinctly shown by a label on the outside and face of which is printed with black ink in legible type, not smaller than brevier heavy gothic caps, the name and address of the manufacturer and the words: "THIS BAKING POWDER CONTAINS ALUM. In most of the alum baking powders classed below as not lawfully labeled, no mention was made on the label of the presence of alum, or that fact was hidden from the ordinary purchaser under some such name as "sodium aluminum sulphate." In still other cases the letter,

rather than the spirit of the law was violated. As anhydrous aluminum sulphate is now sometimes used as the acid ingredient of baking powders, the question has arisen whether such mixtures should be classed as alum baking powders. Since the aluminum compound left in the food is the same whether aluminum sulphate or soda,—ammonia,—or potash—alum was used in the baking powder; this commission has held that the legislature intended to include aluminum sulphate in the phrase, "alum in any form or shape."

Some baking powders labeled to contain only cream of tartar as the acid ingredient, also contain tartaric acid. Such a powder is found under the heading: "Not truthfully labeled," and doubtless many other so-called pure cream of tartar baking powders come under the same class. Unfortunately Wisconsin has no specific law against misstatements on food labels.

On pages 38-40 will be found the results of the baking powder analyses.

BEVERAGES.

Most of the adulterated beverages examined were artificial preparations sailing under the names of natural fruit products, artificial coloring, generally with coal tar dyes, aiding in the deception. In many cases saccharin was employed as a sweetening agent, while salicylic and benzoic acids were found as preservatives. Ten samples were analyzed for county, town or city officials to determine the alcoholic content with a view of prosecuting violators of the excise laws.

A list of beverages analyzed will be found on pages 41-43

BUCKWHEAT FLOUR.

Wheat flour, generally of a low grade, remains the most common adulterant of buckwheat flour, although in four samples large quantities of corn flour were found and in a few instances rye flour was present. While the admixture of foreign flours with buckwheat flour may sometimes be accidental, as in the case of small millers using the same set of rollers and conveyers for various flours, the sale of such flours and for pure buckwheat flour, when the foreign flour is present in considerable amounts, is clearly in violation of our law on that subject.

The results of the buckwheat analysis will be found on pages

ALUM BAKING POWDERS NOT LAWFULLY LABELED.

Date.	Purchased of or submitted by.	Manufacturer.	Brand.
1904.			
July 21	John Larson, Clayton.....	Minnesota Mercantile Co., Stillwater, Minn.....	Snowdrift.
July 21	R. C. Monney, Richardson.....	Minnesota Mercantile Co., Stillwater, Minn.....	Aunt Ellen's.
Aug. 3	R. B. Moore, Eau Claire.....	Hanley & Kinsella Spice & Coffee Co., St. Louis, Mo.....	
Sept. 28	B. V. McDermott, Neenah.....	Archer Starch Co., Chicago, Ill.....	Library.
Sept. 29	L. Laubenheimer, Marinette.....	Calumet Baking Powder Co., Chicago, Ills.....	Calumet.
Oct. 10	C. M. Young, Gratiot.....	Calumet Baking Powder Co., Chicago, Ills.....	Calumet.
Oct. 18	A. Nelson & Co., Eau Claire.....	Sweet Biscuit Baking Powder Co., Chicago, Ill.....	Puhl's.
Oct. 20	Farmers' Produce Co., Chippewa Falls.....	Hanley & Kinsella Spice & Coffee Co., St. Louis, Mo.....	
Dec. 15	Kuchnowski & Shippig, Stevens Point.....	Not given.....	Lily.
Dec. 15	Branta & King, Stevens Point.....	Steele, Wedeles Co., Chicago, Ill.....	Health.
Dec. 17	Sternke Bros., Wausau.....	Winter Spice & Extract Co., Chicago, Ill.....	Charm of the West.
Dec. 20	Hans Anderson, Rhinelanders.....	Franklin, McVeigh & Co., Chicago, Ill.....	Snow Ball.
1905.			
Jan. 13	H. J. Skinner, Tomah.....	Winter Spice & Extract Co., Chicago, Ill.....	One Dime.
Jan. 17	Boston Store, North La Crosse.....	Franklin, McVeigh & Co., Chicago, Ill.....	Primrose.
Jan. 27	A. Lavey & Co., Peshtigo.....	Calumet Baking Powder Co., Chicago, Ill.....	Calumet.
Jan. 27	L. Laubenheimer, Marinette.....	Calumet Baking Powder Co., Chicago, Ill.....	Calumet.
Jan. 27	W. M. Schrank, Peshtigo.....	Calumet Baking Powder Co., Chicago, Ill.....	Calumet.
Mar. 15	Standard Mercantile Co., Tomahawk.....	Chapman & Smith, Chicago, Ill.....	
Apr. 2*	Board of Control.....	.....	**
May 17	Dahlman & Ibesh, Westfield.....	C. F. Ware Coffee Co., Dayton, Ohio.....	Victory.
May 18	Cohen Bros., Waupaca.....	The Canby Ach & Canby Co., Dayton Ohio.....	One Spoon.
June 12	Kuchnowski & Shippig, Stevens Point.....	Not given.....	Lily.
June 12	Koska & Baganz, Stevens Point.....	Boston Baking Powder Co., Fairport, N. Y.....	
June 12	Branta & King, Stevens Point.....	Steele, Wedeles Co., Chicago, Ill.....	Health.
June 13	Grand Rapids Tea & Coffee Store, Grand Rapids..	Not given.....	
July 12	Hagen & Waller, Osseo.....	Winter Spice & Extract Co., Chicago, Ill.....	Red Rock.
July 12	Hagen & Waller, Osseo.....	Purity Chemical Co., Chicago, Ill.....	Purity.
Oct. 19	Mrs. C. Arndt, Necedah.....	The C. F. Ware Coffee Co., Dayton, Ohio.....	Ivory.
Oct. 30*	Eddy & Eddy, St. Louis, Mo.....	Eddy & Eddy, St. Louis, Mo.....	
Nov. 2	Farmers' Produce Co., Chippewa Falls.....	Hanley & Kinsella Spice & Coffee Co., St. Louis, Mo.....	
Jan. 15	G. S. Bell, Montford.....	Pure Food Baking Powder Co, Chicago, Ill.....	Pure Food.
Jan. 15	Chas. E. Jewett, Montford.....	Kitchen Queen Baking Powder Co., Chicago, Ill.....	Kitchen Queen.
Jan. 26	Herman Schulenberg, Middleton.....	Chapman & Smith, Chicago, Ill.....	Chapmans.

* Submitted.

** Contains alum and calcium acid phosphate.

ALUM BAKING POWDERS NOT LAWFULLY LABELED—Continued.

Date.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.
1906.			
Jan. 26	Herman Schulenberger, Middleton.....	McFadden Coffee & Spice Co., Dubuque, Iowa.....	Menu.
Feb. 1	Everson & Hendricks, Lodi.....	Roundy, Peckam, Dexter Co., Milwaukee, Wis.....	Sea Foam.
Feb. 2	J. A. Kollts, Dane.....	Roundy, Peckam, Dexter Co., Milwaukee, Wis.....	Wisconsin.
Feb. 14	The Haese Co., Waterloo, Wis.....	Wabash Baking Powder Co., Wabash, Ind.....	Waterloo.
Feb. 20	People Supply Co., Monticello, Wis.....	Quaker Baking Powder Co., Chicago, Ill.....	Quaker.
Feb. 26*	M. J. Shackleton, Albion.....	.....	.....
Apr. 11	Julius Buchholz, Ripon.....	The Gunz, Darler Co., Oshkosh, Wis.....	White Lily.
May 15	Amsterdam Coffee Co., Milwaukee.....	Amsterdam Coffee Co., 831 3d St., Milwaukee, Wis.....	Amsterdam.
May 23	Amsterdam Coffee Co., Milwaukee.....	Amsterdam Coffee Co., 461 11th Ave., Milwaukee, Wis.....	Amsterdam.
May 23	Amsterdam Coffee Co., Milwaukee.....	Amsterdam Coffee Co., 1127 Vliet St., Milwaukee, Wis.....	Amsterdam.
May 23	Amsterdam Coffee Co., Milwaukee.....	Amsterdam Coffee Co., 468 Mitchell St., Milwaukee, Wis.....	Amsterdam.
May 23	Amsterdam Coffee Co., Milwaukee.....	Amsterdam Coffee Co., 632 E. Water St., Milwaukee, Wis.....	Amsterdam.
June 15	John Woodward, Platteville.....	McVeigh & Co., Chicago, Ill.....	Klondike.
June 23	Everson & Co., Hudson.....	Eddy & Eddy, St. Louis, Mo.....	Great Bargain.

* Submitted.

BAKING POWDERS NOT TRUTHFULLY LABELED.

Date.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.
1905.			
Oct. 17	F. S. Fuche, Durand.....	Corbin, May & Co., Chicago.....	"Columbia Yeast Powder."*
1906.			
Feb. 2	J. A. Kollts, Dane.....	Corbin, May & Co., Chicago.....	"Columbia Yeast Powder."*

* Labeled to contain only cream of tartar, baking soda, and starch. Also contains tartaric acid.

BAKING POWDERS PASSED AS LAWFUL.

1904.	Purchased of or submitted by.	Manufacturer.	Brand.
June 23	A. H. Elliott, Beloit.....	Theo. Carter, Oneida, N. Y.....	Carter's.
June 23	Regal Spice Co., Beloit.....	Regal Spice Co., Beloit, Wis.....	Regal.
June 24	A. C. Munger, Janesville.....	McNeil & Higgins Co., Chicago, Ill.....	New Chicago
1	H. C. Prange, Co., Sheboygan.....	J. P. Dieter, Chicago, Ill.....	Crown. ²
Sept. 23	H. A. Anderson, Clinton.....	Corbin & Sons, Chicago, Ill.....	Monarch.
Sept. 27	Rasmussen & Miller, Oshkosh.....	Reid, Murdock & Co., Chicago, Ill.....	Egg.
Sept. 27	W. H. St. John, Oshkosh.....	Egg Baking Powder Co., N. Y.....	Pure Cream of
Sept. 28	F. Fritzen, Neenah.....	Schmidt Bros., Manitowoc, Wis.....	Tartar.
Sept. 28	F. Fritzen, Neenah.....	B. T. Babbitts, N. Y.....	Best.
Sept. 28	A. Siniansky, Peshtigo.....	P. B. Hunt Co., Minneapolis, Minn.....	Egg.
Oct. 1	C. F. Kohler, Milwaukee.....	Egg Baking Powder Co., N. Y.....	Purity.
Oct. 26	E. R. Miley, Thorp.....	Domestic Manufacturing Co., Greenwood, Wis.....	Creamette.
Oct. 29	E. M. Drake, Elmwood.....	Griggs, Cooper & Co., St. Paul, Minn.....	
1905.			
Mar. 15	Ellis Mills, Wales.....	Jewett, Sherman Co., Milwaukee, Wis.....	Dr. Sherman's.
Mar. 16	Welman & Hanson, Ashland.....	Hunt Baking Powder Co., Minneapolis, Minn.....	Hunt's Perfect.
Mar. 28 ¹	Cash Mercantile Co., Cashton.....	International Food Co., Minneapolis, Minn.....	International Grape Cream. ³
June 12	N. S. Kowronski, Stevens Point.....	Steele, Wedeles & Co., Chicago, Ill.....	Health.
Aug. 9	Theodore Sanders, Appleton.....	Schmidt Bros., Manitowoc.....	
Sept. 26	Julius Buchholz, Ripon.....	Forest City Baking Powder Co., Milwaukee.....	Forest City.
Nov. 7	Board of Control.....		
1906.			
Feb. 6	Thorp Mer. Co., Thorp.....	Calumet Baking Powder Co., Chicago, Ill.....	Calumet. ²
Feb. 15	Kyphe & Drews, Lake Mills.....	J. C. Flint, Milwaukee, Wis.....	White Rose.
Feb. 21	Carroll Bros., Monroe.....	Reid, Murdock & Co., Chicago, Ill.....	White Label.
Mar. 23	J. W. Owens, Randolph.....	International Food Co., Minneapolis, Minn.....	Grape Cream.
May 29	Grand Union Tea Co., Superior.....	Grand Union Tea Co., Brooklyn, N. Y.....	²
June 23	O. F. Rohm, Manawa.....	Jaques Mfg. Co., Chicago, Ill.....	I. C. ²
Oct. 13	A. M. Larson, Deer Park.....	National Grocery Supply Co., Saginaw, Mich.....	Crema.
Oct. 13	John Sackerson, Deer Park.....	Household Baking Powder Co., Berlin, Wis.....	Household.

¹ Submitted.

² Contains alum.

³ Contains cream of tartar, tartaric acid, sodium bicarbonate and starch.

ADULTERATED BEVERAGES.

1904.	Kind.	Purchased of or submitted by.	Manufacturer or Jobber.	Remarks.
Aug. 9	Strawberry, soda water	C. P. Thompson, La Crosse.....	.....	An artificial preparation, artificially colored.
Aug. 9	Orange cider	C. P. Thompson, La Crosse.....	C. P. Thompson, La Crosse....	Not an orange cider.
Aug. 9	Wild cherry, soft drink	C. P. Thompson, La Crosse.....	C. P. Thompson, La Crosse....	An artificial preparation, artificially colored.
*	Apple cider	Portage Bottling Co., Portage....	.....	Not a pure apple cider.
*	Wine "Zinfandel"	Edward Fischer, Milwaukee.....	.....	Heavily adulterated.
*	Neutral red wine	Edward Fischer, Milwaukee.....	.....	Heavily adulterated.
Aug. 9	Cherry beverage	C. P. Thompson, La Crosse.....	C. P. Thompson, La Crosse....	Not a cherry preparation.
Aug. 9	Raspberry beverage	C. P. Thompson, La Crosse.....	C. P. Thompson, La Crosse....	Not a raspberry preparation.
Aug. 9	Strawberry beverage.....	C. P. Thompson, La Crosse.....	C. P. Thompson, La Crosse....	Not a strawberry preparation.
Aug. 9	Orange beverage	C. P. Thompson, La Crosse.....	C. P. Thompson, La Crosse....	Not an orange preparation.
Aug. 9	Sarsaparilla soda	Warminger & Houthmaker, La Crosse	Warminger & Houthmaker, La Crosse	An artificial preparation, artificially colored.
Aug. 9	Strawberry soda	Warminger & Houthmaker, La Crosse	Warminger & Houthmaker, La Crosse	An artificial preparation, artificially colored.
*	Apple cider	Portage Bottling Co., Portage....	.....	Not a pure apple cider.
Sept. 30	Wild cherry phosphate.	D. C. Adams, Milwaukee.....	Waukesha Wild Cherry Phosphate Co.....	Artificially colored with a coal tar dye.
*	Raspberry cider	J. Paine, Marshfield.....	.....	Color, coal tar dye; sweetening agent, saccharin; preservative, 0.5 per cent of salicylic acid.
*	Apple cider	O. R. Pieper, Milwaukee.....	Price & Lucas Co., Louisville, Ky.	Not a pure apple cider.
*	Apple cider	M. L. Nelson, Madison.....	.....	Not a pure apple cider.
Dec. 2	Cherry cider	J. E. Jalling, Withee.....	Roundy, Peckam & Co., Milwaukee	Sweetened with saccharin, preserved with salicylic acid and colored with a coal tar dye.
1905.				
Mar. 9	Blackberry brandy	White & Lawler, Hurley.....	.....	Sweetened with saccharin and artificially colored.
Mar. 15	Blackberry brandy	Aug. Zanstrow, Tomahawk.....	.....	Artificially colored, sweetened with saccharin and preserved with salicylic acid.

ADULTERATED BEVERAGES—Continued.

Date.	Kind.	Purchased of or Submitted by.	Manufacturer or Jobber.	Remarks.
Mar. 15*	Wine	J. Regez, Sr., Monroe.....	.....	Heavily adulterated.
July 5	Blackberry brandy	Dr. G. Jensen, Cameron.....	.....
July 12	Wild cherry phosphate.	Robbe Bros., & Dahl, Strum...	Franklin, McVeigh & Co., Chicago, Ill.	Not a true "wild cherry" preparation.
Aug. 17	Wild cherry squash....	Schacht Bros., Racine.....	F. W. Law, Health Foods Co., Chicago, Ill.	Not a true "wild cherry" preparation.
Aug. 17	Strawberry syrup	P. A. Nelson, Racine.....	Lamon Gahl Syrup Co., Chicago, Ill.	Artificially colored.
Aug. 24	Grape juice	Boston Store, Milwaukee.....	Battle Creek Grape Juice Co., Battle Creek, Mich.....	Artificially colored.
Aug. 24	Cherry juice	A. Dernehl, Milwaukee.....	M. Rasmussen, Faaborg.....	Not a pure cherry juice.
Sept. 2*	Root beer, Extract powder	N. J. Field, Milwaukee.....	.....	Contains saccharin, tartaric acid, sugar and coal-tar dye.
Sept. 2	Orange cider, Extract powder	N. J. Field, Milwaukee.....	.....	Contains saccharin, tartaric acid, sugar and coal-tar dye.
Sept. 5	Raspberry phosphate...	R. B. Sandborn, Waunakee.....	McNeil & Higgins, Chicago, Ill.	Not a true raspberry preparation.
Oct. 7	Raspberry cider	W. D. Paul, Durand.....	Sioux City Cider Co., Sioux City, Ia.	
Oct. 12	Strawberry squash.....	Chas. Rudebusch, Mayville.....	W. F. Law, Chicago, Ill.....	Not a strawberry preparation.
Oct. 24	Blackberry cider.....	H. V. Curtiss, Ladysmith.....	.....	Contains saccharin and salicylic acid.
Oct. 25	Apple cider	Carl Jung, Ladysmith.....	Red Cross Vinegar Co., St. Louis, Mo.	Contains saccharin and salicylic acid.
Oct. 30	Peach cider	R. P. Rohloff, Shawano.....	.....	Not a peach cider.
Oct. 31	Apple cider	Gilham & Rick, Wausau.....	.....	Contains saccharin and benzoic acid.
1906.				
Feb. 5	Cider	F. M. Henzlek, Chippewa Falls	Am. Fruit Produce Co., Rochester, N. Y.....	Contains benzoic acid or a salt thereof.
Feb. 8	Pineapple Jack	O. A. Hassel.....	O. A. Kruse, Milwaukee	

* Submitted.

OTHER BEVERAGES.

Date.	Kind.	Purchased of or submitted by.	Manufacturer or Jobber.	Remarks.
1904.				
*	Whiskey	A. O. Roof, Norwalk.....	.....	Suspected of containing wood alcohol. None present.
	* Wine	H. E. Andrews, Portage.....	.....	Alcohol (by wt.), 6.544 per cent.
May 23*	Malt beverage	B. Houslet, Packwaukee.....	.....	Alcohol (by wt.), 3.813 per cent; alcohol (by vol.), 4.808 per cent.
May 23*	Malt beverage	B. Houslet, Packwaukee.....	.....	Alcohol (by wt.), 3.889 per cent; alcohol (by vol.), 2.333 per cent.
May 23*	Malt beverage	H. E. Andrews, Portage.....	.....	Alcohol (by wt.), 1.979 per cent.
Aug. 17	Creme de violette.....	Savage & Sons, Milwaukee.....	Victor Gautier	Artificially colored.
Aug. 24	Creme de menthe.....	Wm. Steinmeyer & Co., Milwaukee.....	A. Chausarel & Cie.....	Artificially colored.
Aug. 24	Strawberry syrup	Wm. Steinmeyer & Co., Milwaukee.....	I. Calvin Schaefer Co., N. Y....	Passed.
Aug. 24	Boiled cider	Boston Store, Milwaukee.....	John W. Prussing Co., Chicago, Ill.	Passed.
Oct. 12	Root beer	Chas. Rudebusch, Mayville.....	Hilbert & Co., Milwaukee, Wis.	Passed.
Oct. 28	Apple cider	L. H. Mack, New London.....	.....	Passed.
Oct. 28*	Beverage	B. Houslet, Packwaukee.....	.....	Contains 2.4 per cent by weight of alcohol.
1906.				
Mar. 31*	Malt beverage	F. J. Reichenbach, Black River Falls	Cream City Brewing Co., Milwaukee	Alcohol (by wt.), 3.710 per cent.
Mar. 31*	Malt beverage	F. J. Reichenbach, Black River Falls	Cream City Brewing Co., Milwaukee	Alcohol (by wt.), 3.867 per cent.
Apr. 7*	Malt beverage	Mayor of Lodi.....	Gem City Bottling Co., Baraboo	Alcohol (by wt.), 1.655 per cent.
Apr. 7*	Malt beverage	Mayor of Lodi.....	Gettleman Brewing Co., Milwaukee	Alcohol (by wt.), 4.359 per cent.
Apr. 12*	Malt beverage	Mayor of Lodi.....	Kurth Brewing Co., Columbus..	Alcohol (by wt.), 2.056 per cent.

* Submitted.

BUCKWHEAT FLOUR. NOT LAWFUL.

Date.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1904.	Theodore Moan, Chippewa Falls	G. G. Lockin, Chippewa Falls, Wis.	Buck	Heavily adulterated with wheat flour.
Nov. 14	Bull & Goodwin, Beloit	J. T. Flint, Beloit, Wis.	Star Mills.....	Contains a small amount of wheat flour.
Nov. 15	W. Nehs & Son, Baraboo	A. Timme, Dalton, Wis.....	.....	Contains wheat flour.
Oct. 18	Kahn & Bachmann, Eau Claire	Wilke Davis Co., Eau Claire, Wis.	Eureka	Contains wheat flour.
Nov. 17	J. E. Heisman, Watertown	F. J. Fobjahn, Rome, Wis.....	.....	Heavily adulterated.
Dec. 14*	Bassett Bros., Bassett..	Bonus Mills, Capron, Ill.....	Pure	Contains a large amount of foreign flour.
Dec. 14*	Beck, Nachreiner & Carpenter, Plain .....	.....	.....	Adulterated.
Jan. 27*	W. M. Schrank, Peshigo	Peshtigo Mills, Peshtigo, Wis.....	.....	Adulterated with foreign flour.
Jan. 27*	J. Whelihan, Marinette.	Thos. McNely, Pound, Wis.....	.....	Contains some foreign flour.
Jan. 27*	Mr. Beck, Madison.....	.....	.....	.....
Jan. 27*	Mr. Hobermann, Loganville .....	.....	.....	.....
Jan. 30	W. Lockin, Tilden.....	Geo. W. Lockin, Tilden, Wis..	Pure Fresh Ground Buckwheat.	Contains wheat flour.
Feb. 14	Theodore Moen, Chippewa Falls	Geo. W. Lockin, Tilden, Wis..	Pure Fresh Ground Buckwheat.	Contains foreign flour.
Feb. 14	Theodore Moen, Chippewa Falls	Geo. W. Lockin, Tilden, Wis..	Pure Fresh Ground Buckwheat.	Contains foreign flour.
Feb. 14*	Mills Bros., Madison..	.....	.....	Contains 15-20 per cent foreign flour.
1905.	* Chas. F. Wells, Oakfield .....	.....	.....	Heavily adulterated.
Jan. 16	Chas. Spettal, La Crosse	A. Gram & Sons, La Crosse....	Morning Star Mills.....	Heavily adulterated.

BUCKWHEAT FLOUR. NOT LAWFUL—Continued.

Date	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905.				
Jan. 18	E. A. Tower, West Salem	North Bend Roller Mills, North Bend		Contains a small amount of foreign flour.
Jan. 28*	Johnson Bros., Neenah.			Contains some foreign flour.
Jan. 28*	D. C. Adams, Milwaukee	Kressbach & Brand, Palmyra...		Heavily adulterated.
Feb. 7	Wm. Bothe & Sons, Milwaukee	S. P. Schlafer & Co., Menominee Falls.....	Enterprise Mills.....	Not pure buckwheat flour.
Feb. 7	Boston Store, Milwaukee	Kressbach & Brand, Palmyra..		Heavily adulterated with wheat flour.
Feb. 7	Savage & Sons, Milwaukee ..	Kressbach & Brand, Palmyra..		Heavily adulterated with wheat flour.
Feb. 9	C. S. Cooper, Walworth	Reid, Murdock & Co., Chicago, Ill.	Oriole	Heavily adulterated with corn flour.
Feb. 10	T. Ryall & Son, Wauasha		Pure Buckwheat.....	Contains a small amount of foreign flour.
Nov. 25*	J. Bremmer, Muscoda..		Marked No. 2.....	Contains a small amount of foreign flour.
Nov. 25*	Gittman & Kobler, Beaver Dam			Contains a small amount of foreign flour.
Nov. 26	Dalley & Nygard, Hudson			
Nov. 29*	R. D. Fisher, Shiocton.		Oriole	Heavily adulterated with corn flour.
Dec. 8*	G. E. Beadle.....	C. F. Engel, Shawano, Wis.....	Marked No. 2.....	Contains a large amount of foreign flour.
Dec. 8*	J. E. Jalling, Withee...	Wright & Baldwin, Minneapolis, Minn.	Pure	Contains a large amount of wheat flour.
				Contains a large amount of corn flour.

BUCKWHEAT FLOUR. NOT LAWFUL—Continued.

Date Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905.			
Dec. 20* J. K. Gwaart, West Allis .....	.....	.....	Adulterated.
Dec. 27* N. H. Sliter, Chetek.....	.....	.....	Contains a considerable quantity of foreign flour.
1906.			
Jan. 3* H. Woodcock, Cumber- land .....	.....	.....	Contains a small quantity of foreign flour.
Jan. 5 Geo. V. Slegner, Spoon- er	North Star Feed Co., Minneapo- lis, Minn.....	.....	Adulterated with corn flour.

* Submitted.

BUCKWHEAT FLOUR PASSED AS LAWFUL.

Date.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	
1904.				
Dec. 8*	Earle & McGuire, Omro.....	Prehn & Sons, Omro, Wis.....	Marked No. 1.	
Dec. 15*	Paul Humphrey, Bridgeport.....	Grebe & Kaspar, Lancaster, Wis.....		Marked No. 2.
Dec. 15*	Paul Humphrey, Bridgeport.....	Grebe & Kaspar, Lancaster, Wis.....		
Dec. 15*	A. C. Parfrey, Richland.....	H. L. Sarrington & Co., Dalton, Wis.....		
Nov. 15	Roser & Koch, Baraboo.....	W. T. Hall, Lockport, N. Y.....		
Nov. 17	J. E. Heisman, Watertown.....	Sprague, Warner & Co., Chicago, Ill.....		
Dec. 21	Union Supply Co., Prentice.....	R. M. De Long & Co., Elroy, Wis.....		
Dec. 21	Noe & Neuman, Elroy.....	Lemonweir Flouring Mills, Mauston, Wis.....		
Dec. 22	R. S. Joslin, Mauston.....			
Dec. 23	Wolf & Co., New Lisbon.....	Cawthorn & Ross, New Lisbon, Wis.....		
Dec. 29	The Buell Monat Co., Chippewa Falls.....	Consolidated Milling Elevator and Power Co., Chippewa Falls, Wis.....		
1905.				
Jan. 13	H. J. Skinner, Tomah.....	W. H. Schultz, Tomah, Wis.....	Golden.	
Jan. 14	Casson & Thompson, Viroqua.....	J. F. Eesley & Co., Plainwell, Mich.....		
Jan. 27*	D. Payette, Marinette.....	Marinette Flour Mills, Marinette, Wis.....		
Jan. 27*	E. G. Kemp, Mt. Morris.....			
Jan. 28*	J. Stilp, Jr., Neenah.....	Wm. Golze, Readfield, Wis.....		
Jan. 28*	A. Dahms, Neenah.....	Cochran & Hettinger, Westfield, Wis.....	Eureka.	
Jan. 28	Olson & Kforstad, Eau Claire.....	J. W. Davis Co., Eau Claire, Wis.....		
Jan. 31*	Mrs. S. More, Canton.....			
Feb. 3*	Simon Bros., Madison.....	Kleuter Bros., Madison, Wis.....	Capital City Mills.	
Feb. 9	Rogers Bros., Delavan.....	G. H. Durant, Mukwonago, Wis.....		
Jan. 6		Hayes Town Mills, Glenwood, Wis.....		
Jan. 14	Phillips Bouffeur, Viroqua.....	Thompson Bros., Viroqua, Wis.....		
Jan. 17	L. E. La Vague, La Crosse.....	Cashton Mill Co., Holman, Wis.....		
Jan. 18	L. Gundmondson, West Salem.....	L. G. Cox & Co., Osseo, Wis.....	Imperial.	
Jan. 18	John Koller, La Crosse.....	Ohler Mill Co., La Crosse, Wis.....		
Jan. 27*	C. E. Larson, Marinette.....	Klemm & Son, Crivitz, Wis.....		
Jan. 28*	J. Courtney, Neenah.....	Larrowes, Cohocton, N. Y.....		
Jan. 28*	Wm. Steinmeyer, Milwaukee.....	The Birkett Mills, Pennyan, N. Y.....		
Jan. 28*	D. C. Adams, Milwaukee.....	Weidlupe & Geuge, Dartford, Wis.....		

* Submitted.

BUCKWHEAT FLOUR PASSED AS LAWFUL—Continued.

Date	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.
1905			
Jan. 28*	O. R. Pieper, Milwaukee.....	J. B. A. Kern & Son, Milwaukee, Wis.....	
Feb. 3	Kleuter Bros., Madison.....	La Valle Mills, La Valle, Wis.....	
Feb. 4	W. W. Crane, Stanley.....	Hemlock Roller Mills, Hemlock, Wis.....	
Feb. 4	Miss J. McNamara, Madison.....	Kleuter Bros., Madison, Wis.....	
Feb. 7	J. B. A. Kern & Sons, Milwaukee.....	J. B. A. Kern & Sons, Milwaukee, Wis.....	Old Style.
Feb. 9	D. M. Duggan, Delavan.....	N. C. Foster Co., Fairchild, Wis.....	
Feb. 10	Ben Lee & Co., Ladysmith.....	J. W. Taylor, Barron, Wis.....	Lemonweir.
Feb. 10	Aug. Schley, Waukesha.....	R. H. Davis, Mauston, Wis.....	
Oct. 31	C. H. Wegner, Wausau.....	Kickbusch Milling Co., Wausau, Wis.....	
Nov. 13*	J. Medley & Son, Fox Lake.....		Marked No. 1.
Nov. 25*	J. Bremmer, Muscoda.....		Marked No. 3.
Nov. 25*	J. Bremmer, Muscoda.....		Old Process.
Nov. 28	Northern Supply Co., Amery.....	Little Falls Milling Co., Little Falls, Wis.....	Marked No. 1.
Nov. 29*	R. D. Fisher, Shiocton.....		
Dec. 9*	G. F. Caldwell, Augusta.....		
Dec. 14	Sorenson & Olsen, Kenosha.....	Reid, Murdock & Co., Chicago, Ill.....	Oriole.
Dec. 14*	Bassett Bros., Bassett.....		
1906.			
Jan. 24*	G. H. Fuller, Spring Lake.....		
Jan. 24*	G. H. Fuller, Spring Lake.....		
Feb. 9*	R. P. Koening & Co., Watertown.....		
Feb. 17*	F. A. Meany, New London.....		
Feb. 26*	L. K. B., Eagle Point.....	Davis Milling Co., Eau Claire, Wis.....	Eureka.
Mar. 20*	Berthume Bros., Superior.....	R. A. Davis, Mauston, Wis.....	Lemonweir Mills.
Mar. 23*	H. E. Bunker, Lodi.....		
Mar. 30*	Jesse Johnson, Clintonville.....		
Dec. 20	Wagner & Johns, West Allis.....	B. R. Pahl & Co., Milwaukee, Wis.....	Old Style.
1906.			
Jan. 13	Birkmose & Wiberg, Hudson.....	N. Kohel, Clifton, Wis.....	

* Submitted.

BUTTER.

Of sixty-five samples of butter analyzed, fourteen were pronounced not to be genuine dairy or creamery butter. Of these, four submitted samples said to have been purchased for butter or for dairy butter, proved to be whey butter; one submitted sample purchased for butter outside of the state was oleomargarine; another submitted sample was a mixture of cottonseed oil with animal fats and contained neither water nor curd. Five samples sold to inspectors for butter or for dairy butter proved to be "renovated butter," while two other samples of renovated butter, although sold as such, were not labeled as required by law.

The tables on pages 51-52 show the results of the butter analyses.

CANNED GOODS.

Most of the canned goods analyzed were pronounced unlawful because of the presence of artificial coloring matter and of preservatives, both of which are prohibited by Wisconsin statute in canned fruits, vegetables, meats, fish or shell-fish, which includes such products put up in glass as well as in metal containers.

Five samples of French peas examined were found to be artificially colored by means of some copper salt. Several samples of canned cherries and all samples of "Maraschino Cherries" analyzed were found to be artificially colored, generally with coal-tar dyes. While the word maraschino was originally applied to a cordial distilled from or flavored with the maraschino cherry (a small black wild cherry) and was later used for similar cordials produced from other kinds of cherries, it has been misapplied by manufacturers in this country and used as a name for canned cherries which are probably all picked green, are then bleached and finally colored a bright hue: a food product which may be pleasing to the eye, but is probably less acceptable to the stomach.

A sample of canned peas was found to contain considerable amounts of tin and zinc salts, the source of the zinc being doubtless a zinc flux used in soldering, the can not having been washed previous to filling.

A single can of blueberries examined contained the equivalent of over three grains of metallic tin. In both of these cases the

inside surfaces of the cans were strongly corroded, due either to the use of cheap and defective tin plate or to inside soldering or both. Housekeepers could greatly aid in the campaign for better tin-cans, by refusing all cans which are soldered on the inside or which show signs of corrosion. Properly enameled tin cans are doubtless the best of metallic containers for food products.

On pages 53-54 will be found the results of the analyses of canned goods.

CATSUPS.

Of the fifty-two samples of catsups analyzed, only six were found to meet the requirements of the law. Almost all of the unlawful samples were artificially colored, generally with coal-tar dyes and preserved with benzoic acid or a salt thereof, while several samples in addition were sweetened with saccharin. The main objection to the use of artificial coloring in catsups is the fact that by its use unscrupulous manufacturers are enabled to employ unripe tomatoes, turnips and almost any finely comminuted vegetable matter and manufacture them into catsups of a more enticing hue than the purest grades. Pending further investigations as to the physiological effects of benzoic acid, this commission has not contested its use in foods, provided the quantity does not exceed one-tenth of one per cent and provided its presence, name and proportionate amount are plainly disclosed to the purchaser. Saccharin as a food constituent is prohibited in Wisconsin. Of the lawful samples, three were found free from artificial coloring and chemical preservations, while the other three, though containing benzoate of sodium, were labeled in conformity with the rulings of this commission.

The tables on pages 55-60 show the results of the analyses of the fifty-two samples of catsup.

CHEESE.

Two samples of cheese, one sold as a domestic cream cheese, the other as Neuchatel cheese were found to be made from skim-milk. One submitted sample was spoiled and pronounced unwholesome; another was tested for chemical preservatives with negative results.

The results of the cheese analyses will be found on page 61.

BUTTER.

Date.	Sold for.	Purchased of or submitted by.	Remarks.
1904.			
Sept. 30	Whey-butter	Jos. Marty, New Glarus.	Passed.
Oct. 22	Butter	Hotel Woods, Amberg	Passed.
Oct. 22	Butter	Hotel Woods, Amberg	Passed.
Oct. 22*	Butter	Hotel Woods, Amberg	Passed.
Oct. 22	Butter	Jos. Weber, Mt. Calvary	Whey butter.
Oct. 22	Butter	W. W. Nash, Janesville	Passed.
1905.			
Feb. 8*	Butter	Reynolds & Downs, Tomah	Passed.
Feb. 10	Butter	Amos Bros., Elkhorn	Passed.
Feb. 10	Butter	Schlitz Hotel, Waukesha	Passed.
Feb. 10*	Dairy butter	Albert Wagner, Calvary	Pronounced whey butter of very poor quality.
Feb. 10*	Butter	Albert Wagner, Calvary	Pronounced whey butter of very poor quality.
Feb. 11*	June butter	J. D. Fanzer, Manawa	Passed.
Feb. 15*	Butter	M. A. Schmitz, Corinth	Passed.
Feb. 15*	Butter	M. A. Schmitz, Corinth	Passed.
Feb. 15*	Butter	M. A. Schmitz, Corinth	Passed.
Mar. 8	Butter	R. R. Hotel, Ellis Junction	Passed.
Mar. 8	Butter	F. L. Kersten, Crivitz	Passed.
May 1*	Butter	Herman Gaulke, Janesville	Passed.
May 1*	Butter	D. W. McKillop, La Crosse	Passed.
Mar. 9*	Butter	H. P. Anderson, Poy Sippi	Passed.
May 5	Butter	J. A. Pullen, North Fond du Lac	Passed.
Aug. 4*	Butter	H. E. Helgerson, Hollandale	Contains whey butter.
Sept. 6*	Butter	G. T. Thorn, Oshkosh	Passed.
Dec. 13	Butter	Edward G. Hemes, Racine	Passed.
Dec. 13	Dairy butter	J. K. Olson & Son, Racine	Passed.
Dec. 13	Butter	J. K. Olson & Son, Racine	Passed.
Dec. 13	Butter	H. J. Hageman, Racine	Passed.
Dec. 13	Butter	Christensen Bros., Racine	Passed.
Dec. 13	Renovated butter	E. G. Hermes, Racine	Wrapper not lawfully labeled.
Dec. 14	Butter	C. Schwan, Kenosha	Passed.
Dec. 14*	Butter	Schroeder & Daly, Milwaukee	Passed.
Dec. 1	Butter	C. B. Hansen, Hartland	Passed.
Dec. 1	Butter	C. B. Hansen, Hartland	Passed.
Dec. 12	Creamery butter	D. Schmidt, Milwaukee	Passed.

* Submitted samples.

BUTTER—Continued.

Date	Sold for.	Purchased of or submitted by.	Remarks.
1905.			
Dec. 21	Creamery butter	J. W. Damp, Milwaukee.....	Passed.
Dec. 22	Creamery butter	H. Shaefer, Milwaukee.....	Passed.
Dec. 22	Creamery butter	W. H. Groeling, Milwaukee.....	Passed.
Dec. 27	Creamery butter	H. Holzhausen, Chippewa Falls.....	Fat, 80.92 per cent; moisture, 15.80 per cent; ash, 2.12 per cent; proteids, milk, sugar, etc., 1.66 per cent.
1906.			
Jan. 4	Butter	E. Kuessow, Kenosha.....	Pronounced genuine butter.
Jan. 15*	Butter	E. J. Brabant, Madison.....	Pronounced genuine butter.
Jan. 25	Creamery butter	J. A. Pullen, Fond du Lac.....	Pronounced genuine butter.
Jan. 26*	Butter	L. A. Stammer, Seymour.....	Pronounced genuine butter.
Jan. 8	Butter	Empire Hotel, Platteville.....	Pronounced genuine butter.
Feb. 8	Butter	Park Hotel, Belleville.....	Pronounced genuine butter.
Feb. 8	Butter	Park Hotel, Belleville.....	Pronounced genuine butter.
Feb. 8	Butter	Hotel Warren, Sparta.....	Pronounced genuine butter.
Feb. 14	Butter	Arthur Mauz, Sheboygan.....	Pronounced genuine butter.
Feb. 9	Dairy butter	Fred. Mueller, Sheboygan.....	Pronounced genuine butter.
Feb. 9	Dairy butter	Mrs. Peter Ney, Kaukauna.....	Pronounced genuine butter.
Mar. 12*	Butter	Atlantic & Pacific Tea Co., Milwaukee.....	Passed.
Mar. 16	Butter	Joseph Nichols, Marinette.....	Pronounced renovated butter. Wrapper not properly stamped.
Mar. 19	Renovated butter	Joseph Nichols, Marinette.....	properly stamped.
Mar. 21	Butter	Frank Kadulski, Niagara.....	Pronounced renovated butter.
Mar. 21	Butter	Hanson & Swanson, Florence.....	Pronounced renovated butter.
Apr. 2	Dairy butter	A. P. Fleischmann, Fond du Lac.....	Pronounced renovated butter.
Apr. 3*	Butter	W. C. Winkleman, Elkhorn.....	Pronounced oleomargarine.
Apr. 11	Renovated butter	Jos. Nickels, Marinette.....	Not lawfully stamped.
Apr. 18	Butter	J. L. Mitchell, Platteville.....	Passed.
Apr. 25	Butter	C. A. Johnson, Superior.....	Pronounced genuine butter.
Apr. 25	Butter	M. C. Grimsrud, Superior.....	Pronounced renovated butter.
Apr. 25	Dairy butter	Charles Rood, Ashland.....	Pronounced renovated butter.
Apr. 28	Butter	Omro Co-op. Creamery Co.....	Pronounced genuine butter.
May 8*	Butter	Fred Bartell, Madison.....	Passed.
May 21	Butter	E. R. Godfrey & Sons Co., Milwaukee.....	Passed.
June 1	Butter	E. R. Godfrey & Sons Co., Milwaukee.....	Passed.
June 1	Butter	E. R. Godfrey & Sons Co., Milwaukee.....	Passed.
June 1*	Butter	Miss W. Titus, Milwaukee.....	Contains neither moisture nor curd. Fat contains a large amount of cottonseed oil, but no butterfat.

* Submitted samples.

CANNED GOODS.

Date.	Kind.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905. July *	Peas	Wm. Larsen Co., Green Bay .....	.....	.....	Contains considerable amt. of tin and zinc.
Aug. 17	French peas	Home Bros., Milwaukee.....	Alexis Godillot, Jr., France. ....	.....	Artificially colored with a copper salt. Not lawful.
Aug. 17	French peas	Herman Ludwig, Milwaukee. ....	.....	.....	Artificially colored with a copper salt. Not lawful.
Aug. 18	Blueberries	N. J. Werne, Kenosha.....	John Boyle Co., Baltimore, Md.	Victory	Contents of one can contained the equivalent of 0.204 g. metallic tin.
Aug. 15	Maraschino cherries.	Sinaiko Bros., Madison.....	.....	.....	Preserved with benzoic acid and artificially colored.
Aug. 17	Green cherries	Savage & Son, Milwaukee....	Cincinnati Extract Co., Cincinnati, Ohio.....	Creme De Menthe	Contains artificial coloring and salicylic acid.
Aug. 24	Cherries	Boston Store, Milwaukee.....	Austin, Nichols & Co., New York .....	.....	Contains artificial coloring and preserved with benzoic acid.
1906. Jan. 25	Maraschino cherries.	A. P. Fleishman, Fond du Lac	Cincinnati Extract Works, Cincinnati, Ohio .....	.....	Not lawful.
Jan. 8	Maraschino cherries.	The Buell, Monat Co., Chipewa Falls.....	Franklin, McVeigh Co., Chicago, Ill.	Club House	Not lawful.
Feb. 5*	Maraschino cherries.	Eau Claire Grocery Co., Eau Claire	Cincinnati Extract Co., Cincinnati, Ohio .....	.....	Not lawful.
Feb. 21	Cherries.....	F. W. Wettengel, Monroe ..	Franklin, McVeigh & Co., Chicago, Ill.	Club House	Not lawful.
Feb. 6	Maraschino cherries.	J. H. Jones, Janesville.....	Cincinnati Extract Co., Cincinnati, Ohio .....	.....	Not lawful.
Feb. 14	Cherries	Thielman Groc. Co., Merrill.	Franklin, McVeigh & Co., Chicago, Ill.	Club House	Not lawful.

* Submitted samples.

CANNED GOODS—Continued.

Date	Kind.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1906 Apr. 6	Maraschino cherries.	Evans Bros., Oshkosh.....	Cincinnati Extract Works, Cincinnati, Ohio .....	.....	Not lawful.
Apr. 11	Imported peas.....	Gus. A. Stubbe, Berlin	Marcelin & Co., Bordeaux, France .....	.....	Artificially colored with a copper salt. Not lawful.
May 8	Maraschino cherries.	J. W. Conley, Fond du Lac.	E. Reboulin Fils & Co., France .....	.....	Not lawful.
May 23	Maraschino cherries.	T. A. Anderson, Superior....	E. Reboulin Fils & Co., France .....	.....	Not lawful. Artificially colored with a copper salt.
June 13	French peas.....	Home Bros., Milwaukee.....	.....	Alphonse Pinaud.	Artificially colored with a copper salt. Not lawful.
June 12	Cherries	O. R. Pieper, Milwaukee....	.....	.....	Not lawful.
June 21	Cherries	G. A. Stubbe Co., Berlin .....	.....	.....	Not lawful.
June 21*	Canned peas	Kathryn Williams, Milwau- kee .....	.....	White Tower.....	Contain copper.

* Submitted samples.

CATSUPS, NOT LAWFUL.

Date.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905. Mar. 8	Tomato J. and S. Husebo, Deerfield..	Windsor Packing Co., N. Y..	Windsor	Contains preservatives and artificial coloring.
Mar. 23	Tomato Everson & Co., Hudson.....	Wm. McMurray & Co., St. Paul, Minn. ....	.....	Contains preservatives and artificial coloring.
July 28	Tomato Spresler Bros., Black River Falls	Steele, Wedeles Co., Chicago, Ill.	Savoy	Artificially colored with coal tar dye and preserved with benzoic acid.
Nov. 25	Tomato Allard Stewart Co., River Falls	Pure Food Preserving Co., Buffalo, N. Y.	Pure Food	Preserved with benzoic acid, not so labeled.
Dec. 2	Tomato P. H. Hanson, Withee.....	Tip Top Catsup Co., Cincinnati, Ohio	Butlers	Artificially colored and preserved with benzoic acid.
Dec. 2	Tomato Mrs. E. Friedrich, Auburn-dale	Joannes Bros. Co., Green Bay, Wis.	Quaker	Artificially colored and preserved with benzoic acid.
Dec. 14	Tomato Postka & Bagaeoz, Stevens Point	Tip Top Catsup Co., Cincinnati, Ohio	Newport	Artificially colored and preserved with benzoic acid.
1905 Jan. 14	Tomato W. F. Linderman, Viroqua..	Sprague, Warner & Co., Chicago, Ill.	Genesee	Artificially colored and preserved with benzoic acid.
Feb. 28	Tomato J. C. Weber, Milwaukee.....	T. A. Snyder Preserve Co., Cincinnati, Ohio	Home Made	Artificially colored and preserved with benzoic acid.
Mar. 10	Tomato C. E. Montgomery, Morris..	Jersey Packing Co., Hamilton, Ohio	Home	Artificially colored and preserved with benzoic acid.
Mar. 15	Tomato John Oelhafen, Tomahawk..	T. A. Snyder Preserving Co., Cincinnati, Ohio	Home Made	Contains benzoic acid.

CATSUPS, NOT LAWFUL—Continued.

Date.	Kind.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905 Mar. 17	Tomato	C. Carlstrom, Mellen	R. H. Clark & Co., Chicago, Ill.	Satisfaction	Artificially colored, sweetened with saccharin and preserved with benzoic acid.
Apr. 19	Tomato	M. Steinmetz, Marshfield....	Farnam Canning Co., Farnam, N. Y.	Own Favorite	Contains benzoic acid.
Apr. 24	Tomato	W. O'Day, Madison	Gallasch Bros., Milwaukee....	.....	Artificially colored. Contains benzoic acid.
May 16	Tomato	Wescloh & Just, Montello....	Smith, Thorndyke & Brown, Milwaukee	Wonder	Artificially colored. Contains benzoic acid.
May 17	Tomato	F. J. Luce & Co., Plainfield.	Tip Top Catsup Co., Cincinnati, Ohio	Butler	Artificially colored. Contains benzoic acid.
May 17	Gooseberry catsup..	F. J. Luce & Co., Plainfield.	McNeil, Higgins Co., Chicago, Ill.	Blossom	Artificially colored.
June 7	Tomato	Nebagamon Lumber Co., Nebagamon	West Virginia Preserving Co., Wheeling, W. Va.	Nail City	Artificially colored. Contains benzoic acid.
Apr. 11	Tomato	J. S. Richards, Belleville....	Tip Top Catsup Co., Cincinnati, Ohio	Newport	Artificially colored. Contains benzoic acid.
July 3	Tomato	Fred Hanson, Chetek.....	Booth & Co., Baltimore, Md.	Oyster Shell	Artificially colored. Contains benzoic acid.
Aug. 15	Tomato	Wm. Piper, Madison.....	T. A. Snyder Preserving Co., Cincinnati, Ohio .....	.....	Artificially colored. Contains benzoic acid.
Aug. 17	Tomato	Amsterdam Coffee Co., Milwaukee	J. F. Polk Co., Greenwood, Ind.	Love Apple	Artificially colored. Contains benzoic acid.
Aug. 17	Tomato	Amsterdam Coffee Co., Milwaukee	Tip Top Catsup Co., Cincinnati, Ohio	Tip Top	Contains saccharin and benzoic acid.

CATSUPS, NOT LAWFUL—Continued.

Date.	Kind.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905					
Aug. 26	Tomato	Allen Hanson, Eau Claire...	Sprague, Warner & Co., Chicago, Ill.	Genesee County..	Artificially colored. Contains benzoic acid.
Aug. 28	Tomato	A. Errickson & Co., Black River Falls	Steele, Wedeles Co., Chicago, Ill.	Savoy	Artificially colored. Contains benzoic acid.
Sept. 26	Tomato	T. B. Dakins, Ripon.....	Hoyt & Co., Chicago, Ill. ...	Full Value	Artificially colored. Contains benzoic acid.
Oct. 10	Tomato	Taylor Bros., Janesville.....	Reid, Murdock & Co., Chicago, Ill.	Monarch	Preserved with benzoic acid.
Oct. 12	Tomato	Chas. Rudebusch, Mayville..	Tip Top Catsup Co., Cincinnati, Ohio	Superior	Artificially colored. Contains benzoic acid.
Nov. 7*	Tomato	O. H. Schroeder, Monroe....	.....	.....	Artificially colored, preserved with benzoic acid and sweetened with saccharin.
1906.					
Feb. 1	Tomato	Webb & Schweke, Reedsburg	Tip Top Catsup Co., Cincinnati, Ohio	Puritan	Artificially colored
Feb. 2	Tomato	Lockwood & Jacobson, Dane.	W. M. Hoyt Co., Chicago, Ill.	Fort Dearborn ..	Artificially colored and preserved with benzoic acid or a salt thereof.
Feb. 9	Tomato	Wm. Bork, Medford.....	Smith, Thorndyke & Brown, Milwaukee	Wonder	Artificially colored and preserved with benzoic acid or a salt thereof.
Feb. 14	Tomato	Thielman, M. & G. Co., Merrill	Franklin, McVeigh & Co., Chicago, Ill.	Club House	Contains benzoic acid or a salt thereof.

CATSUPS, NOT LAWFUL—Continued.

Date.	Kind.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1906 Feb. 14	Tomato	L. Shramek, Ashland.....	Standard Pack. Co., Indianapolis, Ind.	Berkshire	Artificially colored and preserved with benzoic acid or a salt thereof.
Mar. 16	Tomato	Lavin & Nordin, Ashland....	Ringrose Pickling Co., St. Paul, Minn. ....	.....	Contains benzoic acid or a salt thereof.
Mar. 24	Tomato	R. B. Moore, Eau Claire.....	Franklin, McVeigh & Co., Chicago, Ill.	Priscilla	Artificially colored and preserved with benzoic acid or a salt thereof.
Apr. 12*	Tomato	Beer Bros., Burkhardt.....	Minn. Mer. Co., Stillwater, Minn.	State	Contains a large amount of benzoic acid.
Apr. 12	Tomato	Beer Bros., Burkhardt.....	Minn. Mer. Co., Stillwater, Minn.	Dells	Contains a large amount of benzoic acid.
Apr. 13	Tomato	M. J. Dickinson, Wabeno....	Franklin, McVeigh & Co., Chicago, Ill.	Telmo	Contains benzoic acid or a salt thereof.
Apr. 13	Tomato	C. F. Graf, Butternut.....	Wellaur Hoffman Co., Milwaukee	Gold Medal	Not lawful.
Apr. 25	Tomato	E. M. Case, Madison.....	Wellington Mfg. Co., Chicago, Ill.	Wellington	Artificially colored, sweetened with saccharin and preserved with benzoic acid or a salt thereof.
May 30	Tomato	C. L. Spooner, Ft. Atkinson	Franklin, McVeigh & Co., Chicago, Ill.	Club House	Contains benzoic acid or a salt thereof.
June 14	Tomato	E. Simonson, Waunakee.....	W. M. Hoyt & Co., Chicago, Ill.	Ft. Dearborn	Artificially colored, sweetened with saccharin and preserved with benzoic acid or a salt thereof.

CATSUPS, NOT LAWFUL—Continued.

Date.	Kind.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1906 June 16	Tomato	Richman's Fruit House, Madison	Curtice Bros. Co., Rochester, N. Y.	Blue Label	Contains benzoic acid or a salt thereof.
June 19	Tomato	Prentice Mer. Co., Prentice.	Smith, Thorndyke & Brown, Milwaukee	Wonder	Artificially colored and preserved with benzoic acid or a salt thereof.
June 19	Tomato	S. W. Purson, Prentice.....	Wellauer & Hoffman, Milwaukee	Juneau	Artificially colored. Contains benzoic acid.

* Submitted.

CATSUPS PASSED AS LAW FUL.

Date.	Kind.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905. July 20	Tomato	Mrs. Thos. Scott, Madison			A home made catsup sealed in 1904. Free from artificial coloring and preservatives.
July 20	Tomato	Mrs. Thos. Scott, Madison			
1906 Feb.	Tomato		H. J. Heinz Co., Pittsburg, Pa.		Free from artificial coloring and chemical preservatives. Passed.
Mar. 1	Tomato	F. H. Hansche, Racine	Snider's Preserveing Co., Cinn., Ohio	Home Made	Preserved with benzoic acid or a salt thereof. Labeled to that effect. Passed.
Mar. 1*	Tomato	E. G. Hermes, Racine			Preserved with benzoic acid or a salt thereof. Labeled to that effect. Passed.
June 12	Tomato	Amsterdam Coffee Co., Milwaukee	Tip Top Catsup Co., Cinn., Ohio	Tip Top	Preserved with benzoic acid or a salt thereof. Labeled to that effect. Passed.

* Submitted.

CHEESE.

Date.	Kind.	Purchased of or submitted by.	Per cent fat.	Per cent moisture.	Remarks.
1904.					
Sept. 14	Y. A. Cheese.....	Klessig Bros., Cleveland.....	33.3	36.3	Passed as whole-milk cheese.
Sept. 14	Y. A. cheese.....	H. Hingiss, Cleveland.....	32.85	36.4	Passed as whole-milk cheese.
1905.					
Apr. 7*	Whole milk.....	W. E. McCanna, Neenah.....			Mouldy and tainted; unfit for food. Not lawful.
July 8	Whole milk.....	E. G. Barlow, Darlington.....	34.5	32.2	Passed as whole-milk cheese.
Aug. 17	Cream cheese.....	Herman Ludwig, Milwaukee.....	63.5	25.3	Passed.
Aug. 17	Domestic cream cheese.....	Herman Ludwig, Milwaukee.....	22.0	47.7	A skim milk cheese. Not lawful.
Aug. 24	Neuchatel.....	A. Dernehl, Milwaukee.....	19.5	53.1	A skim milk cheese. Not lawful.
Oct. 10	Brick cheese.....	J. A. Cashin & Co., Johnson Creek...	36.0	27.1	Passed as whole-milk cheese.
Oct. 10	Brick cheese.....	Drews & Dowe, Johnson Creek.....	36.0	30.4	Passed as whole-milk cheese.
Oct. 10	Brick cheese.....	C. T. Kuckhahn, Watertown.....	33.6	36.1	Passed as whole-milk cheese.
Oct. 10	Brick cheese.....	C. T. Kuckhahn, Watertown.....	33.0	35.5	Passed as whole-milk cheese.
1906.					
Jan. 15*	Cream cheese.....	S. M. Babcock, Madison.....			Tested for preservatives. None found.

* Submitted.

CREAM.

Of 82 samples examined, one was found to contain gelatin and boric acid, while 33 were below the legal standard of 18% in milk fat content.

The tables on pages 63-65 show the results of the analyses.

EVAPORATED CREAMS.

Thirty samples of so-called "evaporated cream" were examined, all of which were simply unsweetened evaporated milk, ranging in milk fat content from 7.33 to 9.6%. The name "evaporated cream" for such a preparation is clearly a misnomer and is prohibited in Wisconsin by a special law which requires that nothing except the product obtained by evaporating a portion of water from cream containing not less than 18% of fat shall be sold as and for evaporated or condensed cream. Although most of the labels on the cans bore the statement in small type that the preparations were unsweetened condensed milk, the words "Evaporated Cream" were by far the most conspicuous parts of the labels. In many cases the directions for use stated: "to make a rich cream add from one to two parts of pure water." In reality the dilutions so obtained would generally fall below the minimum legal standard for milk.

A list of the evaporated creams found to be unlawfully labeled will be found on pages 66-67.

CREAM OF TARTAR.

All of the adulterated cream of tartars were found to contain no cream of tartar whatsoever, but to be composed of calcium acid phosphate, calcium sulphate and corn starch.

A list of the cream of tartars found to be adulterated and those passed as commercially pure is given in the table on page 68.

CREAM.

Date.	Purchased of or submitted by.	Per cent Fat.	Remarks.
1904			
*	Model Creamery, Madison	22.8	
*	H. T. Thompson, Elroy	32.7	
1905			
Feb. 25*	E. J. Bennett, Zenda	49.5	
Feb. 25*	Dr. J. A. Rene, Superior	19.4	Tested for gelatin and preservatives, none found.
Mch. 17*	T. L. McCredie, Fairchild	21.5	
Mch. 17*	T. L. McCredie, Fairchild	16.6	Below legal standard in milk fat.
Apr. 20*	Model Creamery, Madison	45.0	
Apr. 20*	Model Creamery, Madison	33.6	Marked "Klevenville."
Apr. 20*	Model Creamery, Madison	31.5	Marked "Nibur."
Apr. 20*	Model Creamery, Madison	26.7	Marked "Brotin."
Apr. 20*	Model Creamery, Madison	24.2	Marked "Messerschmidt."
May 4	Frank Schafer, Humbird	29.5	
May 4	Frank Schafer, Humbird	29.75	
May 8*	Puerner Creamery, Co., Marshfield	26.1	
May 17	F. O. Hodsdon, Stevens Point	21.4	
May 17	Eichhorst Bros., Stevens Point	17.4	Below legal standard in milk fat.
June 3*	Henry Reutz, Westby	33.4	
June 3*	Henry Reutz, Westby	26.4	
June 14*	P. Gunderlach, Madison	33.0	
June 30	S. H. Anderson, Stanley	23.5	
Aug. 1*	L. S. Fay, Almond	34.	
Aug. 1*	F. W. Kellogg, Almond	46.7	
Aug. 1*	P. J. Myers, Almond	19.0	
Nov. 13*	W. W. Crockett, Beloit	9.3	Below legal standard in milk fat.
Dec. 13*	F. T. Hardtke, Watertown	40.	
Dec. 13*	F. T. Hardtke, Watertown	38.5	
Dec. 21*	F. T. Hardtke, Watertown	37.	
Dec. 21*	F. T. Hardtke, Watertown	38.	
1906			
Jan. 13*	F. W. Scheffer, Humbird	29.5	
Jan. 26	Anton Keppel, La Crosse	11.	Below legal standard in fat.
Jan. 26	Chas. Linse, La Crosse	15.	Below legal standard in fat.

CREAM—Continued.

Date	Purchased of or Submitted by.	Per cent Fat.	Remarks.
1906			
Jan. 27*	F. J. Scheffer, Humbird	26.5	
Jan. 30	A. Zink, Milwaukee	17.	Below legal standard in fat.
Jan. 30	J. Erdman, Milwaukee	18.8	
Jan. 30	A. L. Ische, Milwaukee.....	16.8	Below legal standard in fat.
Jan. 30	Thiensville Milk Co., Milwaukee	17.6	Below legal standard in fat.
Jan. 30	A. Ische, Milwaukee	20.4	
Jan. 30	Waukesha Milk Co., Milwaukee	17.0	Below legal standard in fat.
Jan. 30	Fred Knobel, Milwaukee	20.8	
Jan. 30	F. Schossow, Milwaukee	15.1	Below legal standard in fat.
Jan. 30	W. R. McKowen, Milwaukee	14.8	Below legal standard in fat.
Jan. 30	Swanee River Dairy Co., Milwaukee	16.4	Below legal standard in fat.
Jan. 30	G. R. Carow, Milwaukee	15.8	Below legal standard in fat.
Jan. 30	Splinter Bros., Milwaukee	17.0	Below legal standard in fat.
Jan. 30	Wm. O. Connor, Milwaukee	15.6	Below legal standard.
Jan. 30	Gridley Dairy Co., Milwaukee	15.0	Below legal standard in fat.
Jan. 30	Kieckheffer, Milwaukee	15.0	Below legal standard in fat.
Jan. 30	Chas. Adler, Milwaukee	15.5	Below legal standard in fat.
Jan. 30	Wittenberg Bros., Milwaukee	14.3	Below legal standard in fat.
Jan. 30	S. H. Stewart, Milwaukee	14.7	Below legal standard in fat.
Jan. 30	M. Benz, Milwaukee	11.0	Below legal standard in fat.
Jan. 31	Heckendorf & Stoeyer, Milwaukee	14.0	Below legal standard in fat.
Jan. 31	James Nowoty, Milwaukee	14.0	Below legal standard.
Feb. 1*	Wm. A. Baker, Rose Lawn	29.	
Feb. 6	J. H. Kleeberger, Monroe	28.	
Feb. 6	A. Haman, Monroe	14.6	Below legal standard in fat.
Feb. 13	Ahems Bros., Prairie du Chien	19.5	
Feb. 13	F. Netsel, Prairie du Chien	15.75	Below legal standard in fat.
Feb. 22*	A. Frisch, Madison	22.5	
Feb. 23	J. H. Daws, Stoughton	34.5	
Feb. 23	J. H. Daws, Stoughton	21.5	
Feb. 28*	G. W. Sheldon, Union Center	27.8	
Mch. 7	Chas. Lathers, Beloit	17.6	Below legal standard in fat.
Mch. 7	O. N. Nye, Beloit	17.5	Below legal standard in fat.
Mch. 7	J. A. Miller, Beloit	14.7	Below legal standard in fat.
Mch. 7	F. B. Ward, Beloit	16.5	Below legal standard in fat.
Mch. 8	Fenton Nacter, Prairie du Chien	15.0	Below legal standard in fat.

CREAM—Continued.

5-D. & F.

Date	Purchased of or Submitted by.	Per cent Fat.	Remarks.
1905			
Mch. 19*	O. Plahn, Turtle Lake	31.	
Mch. 19*	F. Kreuzign, Waupun	35.5	
Mch. 19*	O. Plahn, Turtle Lake	32.5	
Mch. 26*	Heimerl Bros., Wales	21.5	
Apr. 2*	D. Sheldon, Lake Mills	44.	
*	M. Lunde, Barron	27.	
*	Carl Barta, Barron	29.5	
*	J. Baland, Barron	30.	
May 5	R. Werner, Appleton	12.5	Below legal standard in fat.
May 7*	D. H. Barker, Oconto	25.	
May 10*	Baldwin Creamery Co., Baldwin	17.	Below legal standard in fat.
May 10*	J. H. Flanagan, Manawa	26.	
May 23*	M. K. Week, Stevens Point		
June 18*	Henry Rux, Rib Falls	29.	Contains gelatin and boric acid or a salt thereof.
June 20*	Elert Johnson, Hersey	16.4	Below legal standard in milk fat.

* Submitted samples.

"EVAPORATED CREAMS" NOT LAWFULLY LABELED.

Date.	Purchased of.	Manufacturer or Jobber.	Brand.	Per cent. fat.	Remarks.
1904.					
Sept. 27	F. W. Christman, Oshkosh	Van Camp Condensed Milk Co.	Top Notch	8.2	Not an evaporated cream.
Sept. 28	A. Simansky, Peshtigo.	St. Charles Condensing Co., St. Charles, Ill.	St. Charles	8.6	Not an evaporated cream.
Feb. 24	Conley Grocery Co., Fond du Lac.	Helvetia Condensing Co., Highland, Ill.	Pet	7.5	Not an evaporated cream.
Feb. 26	W. L. Rhodes.	Helvetia Condensing Co., Highland, Ill.		9.0	Not an evaporated cream.
Mar. 8	Peter Elsen, Kenosha.	Bordens Condensed Milk Co., N. Y.		8.75	Not an evaporated cream.
Mar. 8	Lentz & Funck, Kenosha	St. Charles Condensing Co., St. Charles, Ill.		8.0	Not an evaporated cream.
Mar. 16	F. T. Dhooge, Ashland	Helvetia Condensing Co., Highland, Ill.	Fig.	8.6	Not an evaporated cream.
Mar. 16	Gisner Bros., Ashland.	Helvetia Condensing Co., Highland, Ill.	Shady Brook	8.8	Not an evaporated cream.
Apr. 19	Perra & Cruzen, Fredric	Helvetia Condensing Co., Highland, Ill.	Highland	9.6	Not an evaporated cream.
Apr. 19	G. H. Marsden, Fredric	Helvetia Condensing Co., Highland, Ill.	Economy	6.3	Not an evaporated cream.
Apr. 19	Osceola Mer. Co., Osceola	Helvetia Condensing Co., Highland, Ill.	Highland	8.0	Not an evaporated cream.
June 22	Schuette Bros., Manitowoc	Reid, Murdock & Co., Chicago, Ill.	Monarch	8.4	Not an evaporated cream.
June 22	Schuette Bros., Manitowoc	Helvetia Condensing Co., Highland, Ill.	Highland	8.6	Not an evaporated cream.
June 22	O. Torrison Co., Manitowoc	Helvetia Condensing Co., Highland, Ill.	Pet	8.0	Not an evaporated cream.
June 24	W. Little, Marshfield.	Reid, Murdock & Co., Chicago, Ill.	Monarch	8.0	Not an evaporated cream.
June 24	Rose Bros., Marshfield.	Borden Condensed Milk Co., N. Y.	Columbian	7.4	Not an evaporated cream.

"EVAPORATED CREAMS." NOT LAWFULLY LABELED—Continued.

Date.	Purchased of.	Manufacturer or Jobber.	Brand.	Per cent. fat.	Remarks.
1904					
July 19	Ebbott Bros., Ft. Atkinson	Van Camp Condensed Milk Co., Indianapolis, Ind.	Top Notch	8.2	Not an evaporated cream.
1906					
Jan. 17	John B. Pittz, Mineral Point	St. Charles, Condensing Co., St. Charles, Ill.	Silver Cow	9.62	Not an evaporated cream.
Jan. 17	W. J. Jenck Bros., Mineral Point	Helvetia Condensing Co., Highland, Ill.	Our Pet		Not an evaporated cream.
Feb. 7	Chas. Hilgendorf & Son, Watertown	Pacific Coast Condensing Co., Seattle, Wash.	Carnation Cream	8.23	Not an evaporated cream.
Feb. 9	Wm. Boek, Medford.....	Helvetia Condensing Co., Highland, Ill.	Highland		Not an evaporated cream.
Feb. 15	Chas. Fischer & Sons, Lake Mills	Borden Condensing Co., New York.	Columbian	7.33	Not an evaporated cream.
Feb. 15	A. Priegnitz, Lake Mills	Van Camp Condensing Co., Effingham, Ill.	Top Notch	7.33	Not an evaporated cream.
Feb. 20	N. A. Holt, Cambridge.	Van Camp Condensing Co., Effingham, Ill.	Van Camp		Not an evaporated cream.
Feb. 20	People's Supply Co., Monticello	Helvetia Condensing Co., Highland, Ill.	Pet	8.74	Not an evaporated cream.
Feb. 21	A. F. Lichtenwalner, Monroe	Van Camp Condensing Co., Effingham, Ill.	Van Camp		Not an evaporated cream.
Mch. 13	A. H. Young & Son, Abbotsford	Van Camp Condensing Co., Effingham, Ill.	Van Camp		Not an evaporated cream.
Apr. 6	S. C. Shannon, Neenah.	Van Camp Condensing Co., Effingham, Ill.	Van Camp		Not an evaporated cream.
Apr. 28	Piper Bros., Madison ..	Roundy Peckham Dexter Co., Chicago, Ill.	Van Camp		Not an evaporated cream.
May 3	J. Newhouse, Kenosha.	McNeil & Higgins Co., Chicago, Ill.	White Lily	7.46	Not an evaporated cream.
			Carnation		Not an evaporated cream.

ADULTERATED CREAM OF TARTAR.

Date.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.
1905			
Mch. 8	Martin Sauter, Superior	Goyan Peyton Twohy Co., Duluth, Minn.	Star. Puritan.
Mch. 9	Superior Cash Grocery Co., Superior	Wright Clarkson Mer. Co., Duluth, Minn.	
June 16	Superior Co-op Mercantile Co., Superior	Not given	
June 19	J. Alf. Anderson, Alloe Bay	Not given	
Oct. 13	A. M. Larson, Deer Park	Not given	
1906			
Feb. 21	New Store Co., Hayward	Not given	
Mch. 20	B. O. Oyaas, Superior	Not given	

CREAM OF TARTAR COMMERCIALY PURE.

Date	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.
1905			
Apr. 4*	Miss Crowe, Madison, Wis.	Not given.	
Apr. 19	Rose Bros., Marshfield	Not given.	
Aug. 9	Schiebler & Schwanke, Appleton	Not given.	
Sept. 1	Jacob Hane, La Crosse	Not given.	
Sept. 22	Chaimson Dep't Store, Wautoma	Not given.	
Oct. 28	L. H. Mack, New London	Not given.	
Oct. 30	C. F. Falkman, Clintonville	Not given.	
Dec. *	Jewett and Sherman, Milwaukee	Not given.	

* Submitted.

DRUGS AND MEDICINES.

Seventeen samples of drugs and medicines were analyzed. Of these, eight samples, all procured from one firm, were found to contain wood alcohol. Of these, four were purchased, while four were taken from the containers upon refusal of the proprietor to sell.

The sample of "Jamaica Ginger" analyzed is typical of the preparations sold under this name by grocers and general dealers. Although advertised on the labels as remedies for cholera morbus, colic, diarrhoea, etc., they are practically free from oleoresin and almost inert.

One sample of a patent medicine was submitted by the secretary of the state board of health. This was an original bottle of "Liquozone," the report upon which was as follows:

"A straw colored liquid of a sour taste and possessing the odor of sulphur dioxide to a marked degree. Reaction toward litmus, strongly acid.

	Per cent.
Residue at 100° C. (black liquid)	1.340
Sulphuric acid (H ₂ SO ₄)	1.010
Sulphurous anhydride (SO ₂)	0.228
Hydrochloric acid (HCl)	0.027
Silica (SiO ₂)	0.0013
Ferrous sulphate (FeSO ₄)	0.0044
Calcium sulphate (CaSO ₄)	0.0146
Magnesium sulphate (MgSO ₄)	0.0094
Sodium and potassium sulphates (Na ₂ SO ₄ +K ₂ SO ₄)	0.0050
Ammonium sulphate (NH ₄) ₂ SO ₄	a trace
Organic matter	a small amount
Water and other substances volatile at (100°C)	98.660

On account of the presence of sulphurous acid in this preparation, the presence of oxygen, ozone, hydrogen peroxide, or any other substance capable of giving off oxygen at ordinary temperatures, is impossible. The small quantities of inorganic salts present may come from the use of ordinary well or spring water in its manufacture."

DRUGS AND MEDICINES.

Date.	Kind.	Purchased of or submitted by.	Manufacturer or Jobber.	Remarks.
1904 Oct. 14	Tincture of cinnamon..	J. W. S. Tomkiewicz & Bros., Mil.	.....	Contains wood alcohol. Adulterated.
Oct. 14	Tincture of ginger.....	J. W. S. Tomkiewicz & Bros., Mil.	.....	Adulterated.
Nov. 16	Prescription calling for tincture of digitalis and tincture of strophanthus	J. W. S. Tomkiewicz & Bros., Mil.	.....	Contains wood alcohol. Adulterated.
Dec. 8	Tincture of digitalis....	J. W. S. Tomkiewicz & Bros., Mil.	Purchased by A. Jurasinski....	Contains wood alcohol. Adulterated.
1905 Jan. 4	Essence of peppermint.	J. W. S. Tomkiewicz & Bros., Mil.	.....	Contains wood alcohol. Adulterated.
Jan. 4	Tincture of cinnamon...	J. W. S. Tomkiewicz & Bros., Mil.	.....	Passed.
Jan. 4	Elixir Simplex	J. W. S. Tomkiewicz & Bros., Mil.	.....	Passed.
Jan. 4	Opododoc	J. W. S. Tomkiewicz & Bros., Mil.	.....	Contains wood alcohol.
Jan. 4	Medicine	J. W. S. Tomkiewicz & Bros., Mil.	.....	Labeled "Muttertropfen." Contains wood alcohol.
Jan. 4	Medicine	J. W. S. Tomkiewicz & Bros., Mil.	.....	Labeled "Magentropfen." Contains wood alcohol.
Sept. 12*	Ricatone	Schultz Pharmacy, Green Bay	Bond Chemical Co., Milwaukee.	Contains a considerable quantity of crystalline precipitate. The crystalline precipitate in the bottle was quinine.
Oct.	Liquozone	State Board of Health	Liquozone	See analysis above.
Oct. 19	Jamaica ginger	W. H. Darrow, Necedah.....	East Side Chem. Co. Chicago, Ill.	Contains no oleoresin of ginger and is medicinally practically inert. Held to be unlawful.
	* Extract of iron	John Quist, Rudolph .....	.....	Sold by a peddler as a substitute for "Ronneby" mineral water. Contains 1.13 per cent ferric chloride. Bears no resemblance to the mineral water it is supposed to represent.

* Submitted.

LEMON EXTRACTS.

According to a specific law which went into effect January 1st, 1906, it is unlawful to sell as and for lemon extract, or extract of lemon, or essence of lemon or lemon essence, or spirits of lemon or under any designation which includes any of the aforesaid names, any preparation other than a solution containing not less than five per centum, by volume, of pure lemon oil in ethyl alcohol. This law has been interpreted by this commission as not excluding the use of lemon peel to impart additional flavor and color. Previous to Jan. 1st, 1906, the minimum strength of lemon extracts had already been fixed by ruling of the commissioner at five per cent by volume, but the use of harmless coloring matter had not been contested. Therefore many of the lemon extracts passed as lawful previous to Jan. 1st, 1906, would not be so considered now, and on the other hand many "brands" found under the head of unlawful extracts are now put up to fulfill the requirements of the law.

Of the 300 samples of lemon extract analyzed, 169 were pronounced unlawful; 59 samples, covering 22 brands, contained wood alcohol; 55 samples, covering 36 brands, contained no oil of lemon; this does not necessarily mean that the flavoring principles of these preparations were not derived from lemon peel, although in some cases at least this was the case, oil of lemongrass generally having been used as a substitute. Some of the samples containing no lemon oil might have been lawfully sold as "water-soluble lemon flavor" or "terpineless lemon flavor" if properly labeled. 49 samples, covering 37 brands, were found to contain less than five per cent of lemon oil, the quantities varying from a mere trace to 4.8 per cent of oil.

LEMON EXTRACTS CONTAINING WOOD ALCOHOL.

Date	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.
1904			
Jan. 27	Chris. Nelson, Superior	The Wolverine Tea Co., Grand Rapids, Mich.	W. T. Co.
Apr. 9	F. N. Kern & Co., Fennimore	Temple Manufacturing Co., Chicago, Ill.	Standard.
Apr. 12	J. S. Brixton, Platteville	Reed, Walsh & Lange, Chicago, Ill.	Silver Seal.
June 9	D. Wholers, Milwaukee	George Geiger & Co., Milwaukee, Wis.	Reliance
June 24	B. Treviette, Beloit	Forest Wholesale Grocery Co., Rockford, Ill.	Forest.
July 19	Ives Roberts, Ft. Atkinson	Janesville Wholesale Grocery Co., Janesville, Wis.	Absolutely Pure.
July 21	Theodora Erickson, Clayton	Thompson & Taylor Spice Co., Chicago, Ill.	
Sept. 19	The Grange Store, Evansville	Corbin Sons & Co., Chicago, Ill.	Clear Quill.
Sept. 19	The Janesville Wholesale Grocery Co., Janesville.	Not given	Absolutely Pure.
Sept. 24	C. H. Story, Belleville	Corbin Sons & Co.,	
Sept. 24	J. S. Richards, Belleville	J. G. Flint Co., Milwaukee, Wis.	Ideal.
Sept. 27	A. Lichtenberger, Oshkosh	Roads Bros. Manufacturing Co., Chicago, Ill.	Superior.
Sept. 30	D. C. Adams, Milwaukee	Seely Manufacturing Co., Detroit, Mich.	Seely's.
Oct. 4	C. Carlstrom, Mellen	Stone, Ordan Wells & Co., Duluth, Minn.	Satisfaction.
Oct. 13	Nolan Bros., Janesville	Janesville Wholesale Grocery Co., Janesville, Wis.	Absolutely Pure.
Oct. 17	Evansville Mer. Co., Evansville	Corbin Sons & Co., Chicago, Ill.	Clear Quill.
Oct. 20	W. F. Carle, Janesville	Janesville Wholesale Grocery Co., Janesville, Wis.	Absolutely Pure.
Nov. 10	H. B. Lewis, Fennimore	R. Barrett, Galena, Ill.	Standard.
Nov. 10	A. M. Anderson, Oregon	Reed, Walsh & Lange, Chicago, Ill.	Silver Seal.
Nov. 10	J. S. Richards, Belleville	J. G. Flint Co., Milwaukee, Wis.	Ideal.
Nov. 16*	Smith, Thorndyke & Brown, Milwaukee	.....
Nov. 16	Geo. Geiger & Co., Milwaukee	Geo. Geiger & Co., Milwaukee, Wis.	Reliance.
Nov. 23	Olson Bros., Wilson	Corbin Sons & Co., Chicago, Ill.	Clear Quill.
Nov. 26	J. G. Reeds, Ellsworth	Frederick Kemp & Co., Red Wing, Minn.	Primrose.
	* From Bessemer, Mich.	Not given	*
Oct. 12	Nolan Bros., Janesville	Janesville Wholesale Grocery Co., Janesville, Wis.	
Nov. 10	A. M. Anderson, Oregon	Corbin Sons & Co., Chicago, Ill.	Clear Quill.
Nov. 11	J. S. Brixton, Platteville	Reed, Walsh & Lange, Chicago, Ill.	
1905			
Jan. 13	J. K. Johnson, West Salem	J. G. Flint Co., Milwaukee, Wis.	Ideal.
Jan. 27*	W. H. Kneeland, Eau Claire	J. G. Flint Co., Milwaukee, Wis.	Ideal.
Jan. 27	W. H. Kneeland, Eau Claire	De Boe King & Co., Grand Rapids, Mich.	De Boe.
Mch. 9	Superior Cash Grocery Co., Superior	Thompson & Taylor Spice Co., Chicago, Ill.	Pitcher.
Mch. 17	Anderson Bros., Bayfield	H. D. Ewer, Ashland, Wis.	Tiger.
Mch. 24	Frank Hodge, New Lisbon	J. G. Flint Co., Milwaukee, Wis.	Ideal.

* Submitted samples.

LEMON EXTRACTS CONTAINING WOOD ALCOHOL—Continued.

Date.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.
1905			
Mch. 25	E. L. Anderson & Co., Mauston	J. G. Flint Co., Milwaukee, Wis.	Ideal.
Apr. 19	S. Miller, Marshfield	A. Kickbusch Grocery Co., Wausau, Wis.	Imperial.
May 17	L. I. Walker, Hancock	J. G. Flint & Co., Milwaukee, Wis.	Ideal.
May 18	Laabs Bros., Waupaca	Seely Manufacturing Co., Detroit, Mich.	Seely's.
May 18	Laabs Bros., Waupaca	J. G. Flint Co., Milwaukee, Wis.	Ideal.
June 7	Nebagamon Lumber Co., Nebagamon	Twohy-Eimon Mer. Co., Superior, Wis.	Ivory.
Aug. 8	Gustave Kalfahs, Neenah	J. G. Flint Co., Milwaukee, Wis.	Ideal.
Aug. 8	Fred Fritzen, Neenah	J. G. Flint Co., Milwaukee, Wis.	Ideal.
Aug. 8	Bohl & Herman, Appleton	J. G. Flint Co., Milwaukee, Wis.	Ideal.
Aug. 17	P. A. Nelson, Racine	C. E. Spangenberg, Milwaukee, Wis.	High Grade.
Sept. 22	Chaimson Dep't Store, Wautoma	J. G. Flint Co., Milwaukee, Wis.	Ideal.
Sept. 22	L. Ferguson, Brandon	J. G. Flint Co., Milwaukee, Wis.	Ideal.
Sept. 25	J. A. Wilson, Markesan	J. G. Flint Co., Milwaukee, Wis.	Ideal.
Oct. 6	Schutte & Quilling, Menominee	Seely Manufacturing Co., Detroit, Mich.	Seely's.
Oct. 6	John S. Sipple, Menominee	Seely Manufacturing Co., Detroit, Mich.	Seely's.
Oct. 12	S. W. Hines Mer. Co., Cumberland	Twohy-Eimon Mercantile Co., Superior, Wis.	Ivory.
Dec. 16	S. W. Hines Mer. Co., Cumberland	Twohy-Eimon Mercantile Co., Superior, Wis.	Ivory.
Dec. 22	John S. Sipple, Menominee	Seely Manufacturing Co., Detroit, Mich.	Seely's.
Dec. 23	Schutte & Quilling	Seely Manufacturing Co., Detroit, Mich.	Seely's.
1906			
Feb. 13*	Reuhlman & Son, Sharon	S. N. McCune Co., Aurora, Ill.	
Feb. 15	Bardon & Kellogg, Ashland	De Boe, King & Co., Grand Rapids, Mich.	De Bois.
Feb. 16	Anderson Bros., Bayfield	H. D. Ewer, Ashland, Wis.	Tiger.
Mch. 13	A. H. Young & Son, Abbotsford	Purity Chemical Co., Chicago, Ill.	Purity.
Apr. 7	Bardon Kellogg & Co., Ashland	De Boe, King & Co., Grand Rapids, Mich.	
May 8	G. G. Young, Ashland	C. N. Cramer & Co., Ashland, Wis.	Golden Eagle.

* Submitted.

LEMON EXTRACTS CONTAINING NO OIL OF LEMON.

Date.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.
1904.			
May 12	Schutte & Quilling, Menomonie.....	Griggs Cooper & Co., St. Paul, Minn.....	Bengal.
May 12	S. Kraft & Bro., Menomonie.....	Not given	Pure Concentrated.
May 26	Wm. Koch, East Farmington.....	Not given	
May 27	T. M. Torgurson, Amery.....	Stocum, Bergren Co., Minneapolis, Minn.....	Perfection.
May 27	Hugh Phillips, Amery.....	J. H. Allen & Co., St. Paul, Minn.....	Robin.
June 10	F. Bahr & Sons, Milwaukee.....	Saxon Extract Co., Chicago, Ill.....	Perfection.
June 15	G. A. Gulle, Fond du Lac.....	Kenwood Preserving Co., Chicago, Ill.....	Seal.
June 24	Rose Bros., Marshfield.....	Kenwood Preserving Co., Chicago, Ill.....	Seal.
July 19	Marsh Bros., Ft. Atkinson.....	Kenwood Preserving Co., Chicago, Ill.....	Seal.
July 21	E. E. Demorest, Clear Lake.....	Foley Bros. & Kelly, St. Paul, Minn.....	Kelmur.
July 21	Theodora Erikson, Clayton.....	Not given	Superior.
Aug. 16*	Fugina Bros. Fertig Co., Arcadia.....	Quaker Mfg. Co., Chicago, Ill.....	Vienna.
Sept. 23	A. H. Neudeck, Neenah.....	Star Extract Works, Neenah, Wis.....	
Sept. 23	A. Lichtenberger, Oshkosh.....	Oshkosh Spice Co., Oshkosh, Wis.....	Three C.
Sept. 29	T. J. Suave, Marinette.....	Carpenter, Cook Co., Menominee, Mich.....	Household. ¹
Sept. 29	J. Whelihan Co., Marinette.....	Meissner-Bergwall Co., Milwaukee, Wis.....	Crescent.
Nov. 21	Chas. Tomack, Kenosha.....	McNeil & Higgins, Chicago, Ill.....	Honest Bottle.
Nov. 23	C. W. Bailey, Hersey.....	Wm. McMurray & Co., St. Paul, Minn.....	Bengal.
Nov. 25	Stewart & Grimm, River Falls.....	Not given	Seal.
Sept. 24	Marks & Arnold, Belleville.....	Kenwood Preserving Co., Chicago, Ill.....	Seal.
Sept. 28	W. Peterson, Neenah.....	Kenwood Preserving Co., Chicago, Ill.....	Trojan.
Dec. 2	Fred Westergaarn, Withee.....	John A. Tolman Co., Chicago, Ill.....	Vienna.
Dec. 13	H. Lemke, Wausau.....	Quaker Extract Co., Chicago, Ill.....	Allamoth.
Dec. 20	W. J. Shannon, Rhinelander.....	Franklin, McVeigh & Co., Chicago, Ill.....	Seal.
Dec. 22	Westboro Lumber Co., Chelsea.....	Kenwood Preserving Co., Chicago, Ill.....	Vienna.
Dec. 22	A. C. Young & Sons, Chelsea.....	Quaker Extract Co., Chicago, Ill.....	Vienna.
Dec. 22	R. T. Breitengross, Phillips.....	J. P. Dieter Co., Chicago, Ill.....	1
Dec. 23	Krause Bros., Colby.....	The Meissner-Bergwall Co., Milwaukee, Wis.....	Vienna.
Dec. 23	G. M. Schultz, Colby.....	Quaker Extract Co., Chicago, Ill.....	
1905.			
Jan. 6	Syme Mer. Co., Glenwood.....	Not given	Standard.
Jan. 14	W. F. Lindemann, Viroqua.....	Not given	Standard. ²
Jan. 16	S. Boma, La Crosse.....	La Crosse Grocery Co., La Crosse, Wis.....	
Feb. 9	C. S. Cooper, Walworth.....	Kenwood Preserving Co., Chicago, Ill.....	Seal.

¹ Labeled "Lemonine." ² Labeled "Compound."

LEMON EXTRACTS CONTAINING NO OIL OF LEMON—Continued.

Date.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.
1905.			
Mar. 9	Superior Cash Grocery Co., Superior.....	Imon Mer. Co., Superior, Wis.....	Royal. Jewel.* Pepper Box.
Mar. 10	T. & D. Oyaas, Superior.....	Stone, Ordene, Wells Co., Duluth, Minn.....	
Mar. 17	Raaup Bros., Washburn.....	Thompson & Taylor Spice Co., Chicago, Ill.....	
Mar. 23	L. Ault & Sons, Lancaster.....	Dr. Ward's Medical Co., Winona, Minn.....	
Apr. 12	Otis & White, Maiden Rock.....	Not given	
Apr. 12	J. H. Wenzel, Prescott.....	Not given	
Apr. 12	J. H. Wenzel, Prescott.....	Geo. R. Newell & Co., Minneapolis, Minn.....	Bengal. Mrs. Baker's. Gold Medal. White Rose. Carol.
Apr. 13	Chas. Neumeister, Alma.....	Latsch & Son, Winona, Minn.....	
Apr. 13	Chas. Neumeister, Alma.....	Latsch & Son, Winona, Minn.....	
Apr. 19	Geo. Hagberg, Fredric.....	Geo. R. Newell & Co., Minneapolis, Minn.....	
Apr. 19	Ferra & Cruzen, Fredric.....	Winston, Harper, Fisher Co., Minneapolis, Minn.....	
July 27	F. A. Warner, Waupaca.....	W. T. Raleigh Medical Co., Freeport, Ill.....	
Aug. 22	Dick & Berkley, Manawa.....	M. W. Marshall, Fond du Lac, Wis.....	
Oct. 13	P. J. Conley, Deer Park.....	Dr. Rolander Swedish Remedy Co., St. Paul, Minn.....	
Oct. 25	Hull & Stelzman, Ladysmith.....	Winston, Harper, Fisher Co., Minneapolis, Minn.....	Square. Climax.
Nov. 2*	Mrs. E. A. Fell, Wausau.....	Reid, Henderson & Co., Chicago, Ill.....	
Dec. 5	J. M. Reis, Madison.....	National Extract Works, Milwaukee, Wis.....	
Dec. 5*	Board of Control.....	Lupin's Extract Co., New York.....	
Oct. 17*	Board of Control.....	Reid, Henderson Co., Chicago, Ill.....	
Dec. 7	Olson & Jacobson, Madison.....	Reid, Henderson Co., Chicago, Ill.....	
1906.			
Feb. 23	E. Simonson, Waunakee.....	Lupin's Extract Co., New York.....	Lupin's.
May 9	John M. Reis, Madison.....	Reid, Henderson Co., Chicago, Ill.....	Reid's.* Tower.*

* Labeled "Lemon Flavor."

* Color artificial.

* Submitted.

LEMON EXTRACTS DEFICIENT IN OIL OF LEMON.

Date.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Lemon oil by volume.
1904.				
Mar. 8*	A. Marachowsky, Mauston.....	E. R. Pahl Co., Milwaukee, Wis.....	.....	A trace.
May 27	Hugh Phillips, Amery.....	Foley Bros. & Kelley, St. Paul, Minn.....	Gopher	4.4 per cent.
May 27*	M. Slattery, Milwaukee.....	Steele, Wedeles Co., Chicago, Ill.....	.....	2.8 per cent.
Sept. 28	A. Smiansky, Peshtigo.....	Smith, Thorndyke & Brown, Milwaukee, Wis.....	Imperial	4.7 per cent.
Sept. 29	Lauerman Bros., Marinette.....	Steele, Wedeles Co., Chicago, Ill.....	Lakeside	2.0 per cent.
Oct. 1	F. J. Seiberlich, Milwaukee.....	Weiss-Millar Co., Milwaukee, Wis.....	Hercules	A trace.
Oct. 12	Nolan Bros., Janesville.....	H. Kirk White & Co., Janesville, Wis.....	White's Essential.....	1.4 per cent.
Oct. 13	Skelley & Wilbur, Janesville.....	Standard Mfg. Co., Decatur, Ill.....	Standard	4.7 per cent.
Oct. 19*	A. Aarnstadt & Co., Eau Claire.....	Ideal Extract & Bottling Co., Eau Claire, Wis.....	.....	.....
Oct. 20	Farmers Produce Co., Chippewa Falls.....	Northern Mer. Co., Chippewa Falls, Wis.....	Our Own	4.4 per cent.
Oct. 28	Hanson & Johnson, Woodville.....	Green De Laitre Co., Minneapolis, Minn.....	Golden West	2.4 per cent.
Nov. 21	P. W. Evans, Racine.....	H. F. Mueller, Racine, Wis.....	.....	4.2 per cent.
Nov. 21	Chas. Turnock, Racine.....	Dr. Fancher Medicine Co., Racine, Wis.....	Fancher's	3.6 per cent.
Dec. 1	S. Miller, Marshfield.....	A. Kickbush Grocery Co., Wausau, Wis.....	Imperial	4.0 per cent.
Dec. 1	W. L. Little, Marshfield.....	Reid, Murdock & Co., Chicago, Ill.....	Atlas	4.3 per cent.
Dec. 1	Jacob Thomas, Marshfield.....	Plumb & Nelson Co., Manitowoc, Wis.....	Perfection	3.3 per cent.
Dec. 14	A. F. Behrendt, Stevens Point.....	Wm. Hoyt, Chicago, Ill.....	Revolution	1.6 per cent.
Dec. 14	H. C. Moen, Stevens Point.....	Plumb & Nelson Co., Manitowoc, Wis.....	Perfection	3.2 per cent.
Dec. 15	Branta & King, Stevens Point.....	Puhl Webb Co., Chicago, Ill.....	Standard	4.0 per cent.
Dec. 21	Cohen & Cummins, Park Falls.....	Central Mfg. Co., Iowa City, Iowa.....	Puritan	2.6 per cent.
1905.				
Jan. 6	Thomas B. Davis, Downing.....	James McIntosh & Co., Minneapolis, Minn.....	Crown	A trace.
Jan. 13	Fred Zigler, Tomah.....	Standard Mfg. Co., Decatur, Ill.....	.....	4.6 per cent.
Jan. 13	Fred Zigler, Tomah.....	Durand & Kasper Co., Chicago, Ill.....	Rival	4.6 per cent.
Mar. 9	Superior Cash Groc. Co., Superior.....	Imperial Coffee & Spice Co., Duluth, Minn.....	Imperial	1.8 per cent.
Mar. 15	D. C. Jones, Tomahawk.....	Puhl-Webb Co., Chicago, Ill.....	Webbs .....	.....
Mar. 23	Geo. Shapiro, Neillsville.....	Steele, Wedeles Co., Chicago, Ill.....	Lakeside .....	.....
Mar. 24	L. A. Ruchent, Chili.....	C. C. Snitemans Co., Neillsville, Wis.....	Snitemans .....	.....
Mar. 30*	C. H. Howard, Eau Claire.....	C. H. Howard, Eau Claire, Wis.....	Pure .....	.....
Apr. 8	Mrs. Clay Tyler, West De Pere.....	J. R. Watkins Med. Co., Winona, Minn.....	Watkins .....	.....
Apr. 8	Mrs. Clay Tyler, West De Pere.....	Montgomery, Ward & Co., Chicago, Ill.....	.....	.....
Apr. 19	P. Bever, Marshfield.....	Plumb & Nelson Co., Manitowoc, Wis.....	Perfection .....	.....

LEMON EXTRACTS DEFICIENT IN OIL OF LEMON—Continued.

Date.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Lemon oil by volume.
1905.				
May 5	E. J. Kuick, Fond du Lac.....	Consolidated Chemical Co., Fond du Lac, Wis.....	Cook's	4.7 per cent. Labeled: Guaranteed to contain 5 per cent oil, contains 2.3 per cent.
May 5	A. C. Johnson, Camp Douglas.....	Corbin Sons & Co., Chicago, Ill.....	Clear Quill	
May 18	Laab Bros., Waupaca.....	A. B. Judson Co., Detroit, Mich.....	Gilt Edge	
June 20	F. R. Burdin, Glendale.....	J. J. Hogan, La Crosse, Wis.....	Gateway City Mills	4.0 per cent. 1.8 per cent. 1.9 per cent. A trace. 2.8 per cent. 3.6 per cent. 1.4 per cent. A trace.
Aug. 25	H. D. McCulloch Co., Stevens Point.	Groffs, St. Paul, Minn.....	Groffs	
Aug. 25	H. D. McCulloch Co., Stevens Point.	Seely's Mfg. Co., Detroit, Mich.....	Seely's	
Aug. 26	N. J. McIntyre, Eau Claire.....	Groffs, St. Paul, Minn.....	Groffs	
Sept. 27	Isaac Jenkins, Berlin.....	Not given.....	.....
Oct. 10*	J. C. Jensen, Rosholt.....	M. M. Fenner Co., Fredonia, N. Y.....	Fenner's	
Dec. 14	H. B. Schwan, Kenosha.....	Dr. Fanchers Medicine Co., Racine, Wis.....	Fancher's	
Sept. 8	W. H. Blackman, Augusta.....	Hoyt & Co., Chicago, Ill.....	Revolution	
Oct. 19	Greenberg's Dept. Store, Necedah....	M. W. Marshall, Fond du Lac, Wis.....	.....
1906.				
Feb. 26*	M. J. Shackleton, Albion.....	Rockford Wholesale Grocery Co., Rockford, Ill.....	R.	4.8 per cent. 2 per cent; artificially colored. 2.1 per cent; artificially colored. 1.9 per cent; artificially colored. 1.7 per cent; artificially colored.
Feb. 26*	Beer Bros., Burkhardt.....	Minnesota Mer. Co., Stillwater, Minn.....	State	
Jan. 12	Wm. Fulton, Portage.....	Seely's Mfg. Co., Detroit, Mich.....	Seely's	
Feb. 1	Webb & Schweke, Reedsburg.....	Seely's Mfg. Co., Detroit, Mich.....	Seely's	
Feb. 15	Bardon, Kellog Co., Ashland.....	Seely's Mfg. Co., Detroit, Mich.....	Seely's	
Feb. 20	W. S. Roach Estate, London.....	H. Kirke White & Co., Janesville, Wis.....	Superior	

* Submitted samples.

LEMON EXTRACTS PASSED AS LAWFUL.

Date.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.
1904.			
*	Nejedlo Bros., Green Bay.....	Joannes Bros. Co., Green Bay, Wis.....	Martha Wash- ton.
Apr. 12	J. L. Mitchell, Platteville.....	Franklin, McVeigh & Co., Chicago, Ill.....	Telmo.
May 12	Forseth Strand & Co., Menominee.....	Ideal Extract & Bottling Co., Eau Claire, Wis.....	Ideal.
May 27	J. G. Burman, Amery.....	Slocum, Bergren Co., Minneapolis, Minn.....	Thistle.
May 27	J. G. Burman, Amery.....	J. H. Allen & Co., St. Paul, Minn.....	Robin.
May 27	T. M. Torgerson, Amery.....	Minnesota Mer. Co., Stillwater, Minn.....	State.
June 15	Herman Gerhard, Fond du Lac.....	The Royal Remedy Extract Co., Dayton, Ohio.....	Souders.
June 15	Robbins Bros., Fond du Lac.....	Arctic Mfg. Co., Grand Rapids, Mich.....	Tropical.
June 22	Schuette Bros., Manitowoc.....	Not given.....	
June 23	O. Torrison Co., Manitowoc.....	Meissner and Bergwall, Madison, Wis.....	
June 23	Regal Spice Co., Beloit.....	Regal Spice Co., Beloit, Wis.....	Regal.
June 24	A. Kleinheinz, Marshfield.....	National Extract Works, Milwaukee, Wis.....	Calumet.
June 24	A. Kleinheinz, Marshfield.....	A. J. Hilbert & Co., Milwaukee, Wis.....	Golden Rule.
June 24	Rose Bros., Marshfield.....	A. J. Hilbert & Co., Milwaukee, Wis.....	Pure Food.
June 24	H. C. Koenig, Marshfield.....	Joannes Bros. Co., Green Bay, Wis.....	Martha Wash- ton.
July 19	Fred. Henchel, Ft. Atkinson.....	J. P. Dieter & Co., Chicago, Ill.....	White Horse.
July 19		Plumb & Nelson Co., Manitowoc, Wis.....	
July 21	T. Stoute, Jr., Clear Lake.....	Minnesota Mer. Co., Stillwater, Minn.....	State.
Aug. 10	C. Lohr & Son, Hartford.....	Meissner & Bergwall Co., Milwaukee, Wis.....	M. B.
Aug. 10	Jacob Frank, Hartford.....	National Extract Works, Milwaukee, Wis.....	National.
Aug. 10	C. J. Heppe, Hartford.....	A. J. Hilbert & Co., Milwaukee, Wis.....	Fischers.
Sept. 19	The Grange Store, Evansville.....	Corbin Sons & Co., Chicago, Ill.....	Clear Quill.
Sept. 14	Grand Union Tea Co., Sheboygan.....	Grand Union Tea Co., Sheboygan, Wis.....	
Sept. 19	Janesville Wholesale Grocery Co., Janesville.....	Not given.....	
Sept. 24	Manson & Ulrich, Belleville.....	Gould, Wells & Blackburn, Madison, Wis.....	ReX.
Sept. 24	C. H. Storey, Belleville.....	Wellauer & Hoffman Co., Milwaukee, Wis.....	White House.
Sept. 27	W. F. Pfel, Oshkosh.....	Royal Remedy & Extract Co., Dayton, Ohio.....	Aeme.
Sept. 27	F. W. Christman, Oshkosh.....	Arctic Mfg. Co., Grand Rapids, Mich.....	Royal.
Sept. 27	E. B. Klurg, Oshkosh.....	National Extract Works, Milwaukee, Wis.....	Tropical.
Sept. 25	A. J. Leutenegger, Neenah.....	Roundy, Peckham & Co., Milwaukee, Wis.....	
Sept. 25	A. Laver & Co., Peshtigo.....	W. M. Hoyt & Co., Chicago, Ill.....	Jumbo.
Sept. 25	A. H. Naudeck, Neenah.....	Davenport Fisher, Milwaukee, Wis.....	Fischer's.
Sept. 29	O. Nelson, Marinette.....	Cowles Mfg. Co., Green Bay, Wis.....	Dr. Little's.
Sept. 29	S. Doyle, Marinette.....	Joannes Bros. Co., Green Bay, Wis.....	Martha Wash- ton.

LEMON EXTRACTS PASSED AS LAWFUL—Continued.

Date.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.
1904.			
Oct. 1	Robert Hoyer, Milwaukee.....	Meissner and Bergwall, Madison, Wis.	M. B.
Oct. 13	W. Tousch, Eau Claire.....	Corbin Sons & Co., Chicago, Ill.....	Clear Quill.
Oct. 20	Piper Bros., Madison.....	Codman Extract & Medicine Co., Milton Junction, Wis....	
Oct. 26	L. E. Snyder, Thorp.....	Dr. S. R. Codmans, Milton Junction, Wis.....	Codmans.
Oct. 26	L. E. Snyder, Thorp.....	J. P. Dieter Co., Chicago, Ill.....	Double.
Oct. 26	E. R. Niley, Thorp.....	Corbin Sons & Co., Chicago, Ill.....	Clear Quill.
Oct. 27	D. Weller, Chippewa Falls.....	W. J. Quane & Co., Chicago, Ill.....	Royal Blue.
Oct. 28	Stockman Bros., Woodville.....	Crown Medical Co., Chicago, Ill.....	Crown.
Oct. 29	Nordman Bros., Spring Valley.....	Green De Laitre Co., Minneapolis, Minn.....	Reliable.
Nov. 15	Roser & Koch, Baraboo.....	Gould, Wells & Blackburn Co., Madison, Wis.....	White House.
Nov. 15	Webster & Porter, Baraboo.....	Webster & Schubring, Baraboo, Wis.....	Magic.
Nov. 15	McCarty & Keefe, New Richmond.....	Minnesota Mercantile Co., Stillwater, Minn.....	Eclipse.
Nov. 15	Ward & Williams, New Richmond.....	Minnesota Mercantile Co., Stillwater, Minn.....	Eclipse.
Nov. 15	The Stanley Co., Baraboo.....	Seely Manufacturing Co., Detroit, Mich.....	Seely's.
Nov. 15	Roser & Koch, Baraboo.....	Gould, Wells & Blackburn Co., Madison, Wis.....	White House.
Nov. 21	C. C. Giles, Kenosha.....	Felix W. Klemm & Co., Chicago, Ill.....	Klemms.
Nov. 23	M. E. Johnson, Hammond.....	Seabury & Co., St. Paul, Minn.....	Blue.
Nov. 23	Westerahl Bros. & Co., Hersey.....	Minnesota Mercantile Co., Stillwater, Minn.....	Eclipse.
Nov. 25	Knute Wiggin, River Falls.....	Minnesota Mercantile Co., Stillwater, Minn.....	Eclipse.
Nov. 25	R. N. Jensen, River Falls.....	Minnesota Mercantile Co., Stillwater, Minn.....	Eclipse.
Nov. 26	C. W. Bateman, Ellsworth.....	Minnesota Mercantile Co., Stillwater, Minn.....	Eclipse.
Nov. 26	T. J. McCullow, Ellsworth.....	J. H. Conrad & Co., Chicago, Ill.....	Peerless.
Nov. 26*	Smith, Thorndyke & Brown, Milwaukee.....	.....	Nonpareil.
Nov. 26*	Smith, Thorndyke & Brown, Milwaukee.....	.....	Imperial.
Nov. 26*	Smith, Thorndyke & Brown, Milwaukee.....	.....	Imperial.
Nov. 26*	Smith, Thorndyke & Brown, Milwaukee.....	.....	Imperial.
Dec. 2	John Christensen, Withee.....	National Extract Works, Milwaukee, Wis.....	Perfecto.
Dec. 15	C. J. Heun, Junction City.....	Kickbusch Grocery Co., Wausau, Wis.....	Imperial.
Dec. 16	C. H. Wagner, Wausau.....	.....	Pure Food.
Dec. 19	John Oelhafen, Tomahawk.....	Wellauer & Hoffman, Milwaukee, Wis.....	Acme.
Dec. 21	Chas. F. Lumburg, Prentice.....	J. G. Flint Co., Milwaukee, Wis.....	Ideal.
1905.			
Jan. 14	H. D. Williams & Co., Viroqua.....	Winter Spice & Extract Co., Chicago, Ill.....	Winter.
Jan. 14	Casson & Thompson, Viroqua.....	Sprague Warner & Co., Chicago, Ill.....	Favorite.
Jan. 14	Casson & Thompson, Viroqua.....	Winter Spice & Extract Co., Chicago, Ill.....	Winter.
Jan. 14	J. Omundson, Viroqua.....	Chapman & Smith, Chicago, Ill.....	

LEMON EXTRACTS PASSED AS LAWFUL—Continued.

Date.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.
1905.			
Jan. 16	S. Boma, La Crosse	Geielstad & Hougen, La Crosse, Wis.	Standard.
Jan. 17	Wm. Doerflinger, La Crosse.....	Wm. Doerflinger & Co., La Crosse, Wis.	Park.
Jan. 18	W. H. Kropp, Stoughton.....	Walsh, Boyle & Co., Chicago, Ill.	Silver Seal.
Jan. 25*	Beemis, Hooper & Hayes, Oshkosh.....	Thompson & Taylor, Chicago, Ill.	
Feb. 10	G. G. Smith, Ladysmith.....	Griggs, Cooper & Co., St. Paul, Minn.	Lagneb.
Feb. 10	Bruce Mer. Co., Bruce.....	Minnesota Mercantile Co., Stillwater, Minn.	
Mar. 3*	The Church Co., Oshkosh.....	Arctic Manufacturing Co., Grand Rapids, Mich.	Our Tropical.
Mar. 7	E. D. Jones, Solon Springs.....	Twohy Mercantile Co., Superior, Wis.	Ivory.
Apr. 12	Geo. Pulling, Maiden Rock.....	Frederick Kemp & Co., Red Wing, Minn.	Primrose.
Apr. 12	A. P. Carson, Maiden Rock	Frederick Kemp & Co., Red Wing, Minn.	Primrose.
Apr. 13	Brandenmuehl, Prescott	Geo. R. Newell & Co., Minneapolis, Minn.	
Apr. 19	P. Bever	Not given	
Apr. 20	Peterson & Dahl, Emery	Atwood & Steele, Chicago, Ill.	Perfection.
*	A. Marachowsky, Mauston	Not given	
*	E. R. Wiley, Thorp	Not given	
*	G. M. Frohmader, Camp Douglas	Edward Dewey, Milwaukee, Wis.	Codmans.
*	C. E. Fowler, Columbus	S. W. McCune Co., Aurora, Ill.	Tropical Standard.
Apr. 11	J. S. Richards, Belleville	J. G. Flint Co., Milwaukee, Wis.	Ideal.
May 18	C. E. Emmons, Stevens Point	Not given	Badger.
May 18	Cohen Bros., Waupaca	Consolidated Chemical Co., Fond du Lac, Wis.	Cooks.
May 19	L. C. Loss, Weyauwega	Corbin Sons & Co., Chicago, Ill.	Clear Quill.
June 13	Grand Rapids Tea & Coffee Store, Grand Rapids	Not given	
June 29	C. Liehe, Bloomer	Thompson, Taylor Spice Co., Chicago, Ill.	
July 12	Frank Schaeettle, Mondovi	Not given	S.
Aug. 2	C. Simenson, Mt. Morris	Bemis, Hooper, Hayes Co., Oshkosh, Wis.	Quaker.
Aug. 4*	Johnson & Boya, Superior	J. P. Dieter & Co., Chicago, Ill.	
Aug. 7	American Tea Co., Oshkosh	J. P. Dieter & Co., Chicago, Ill.	
Aug. 8	Gustave Kalfahs, Neenah	Van Dusen Extract Co., N. Y.	Fruit.
Aug. 8	R. W. Schlegel, Menasha	Arctic Manufacturing Co., Grand Rapids, Mich.	Tropical.
Sept. 23	O. R. Luedtke, Princeton	Not given	L.
Sept. 23	L. Ferguson, Brandon	Not given	Challenge.
Sept. 26	T. R. Du Vall, Ripon	Chapman, Smith & Co., Chicago, Ill.	Chapman.
Sept. 27	Earl & McGuire, Omro	Not given	Fruit.
Sept. 27	Dolliver & Grotto, Berlin	Not given	Sheaf.
Oct. 6	John S. Sipple, Menominee	Anthony Kelly & Co., Minneapolis, Minn.	North Star.
Oct. 6	John S. Sipple, Menominee.....	Winter Spice & Extract Co., Chicago, Ill.	Favorite.

LEMON EXTRACTS PASSED AS LAWFUL—Continued.

Date.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.
1905.			
Oct. 7	F. S. Fuche, Durand	Corbin Sons Co., Chicago, Ill.	Clear Quill.
Oct. 10	Taylor Bros., Janesville	Gillett Chemical Co., Chicago, Ill.	Standard.
Oct. 12	S. W. Hines, Mercantile Co., Cumberland	Twohy Eimon Mercantile Co., Superior, Wis.	Wild Rose.
Oct. 10	Jackson & Sons, De Pere	E. A. Lange Medical Co., De Pere, Wis.	
Oct. 30	H. Block, Clintonville	Durand Casper Co., Chicago, Ill.	Rival.
Nov. 13*	H. C. Prange Co., Sheboygan	Not given	
Nov. 18*	Mayer Bros., Milwaukee	F. W. Klemm & Co., Chicago, Ill.	Klemens.
Nov. 23	W. Schmidt, Baraboo	Fisher Bros., Baraboo, Wis.	
Dec. 12	H. E. Reddell, South Chippewa Falls	McCormick, Behnke & Co., St. Paul, Minn.	Seal.
Dec. 12	James S. Jensen, Racine	Van Duzen, New York	
Dec. 14	J. Blake, Kenosha	H. F. Mueller, Racine, Wis.	Purity.
Dec. 14	A. N. Steinmetz, Kenosha	E. W. Gillette Co., Chicago, Ill.	
Dec. 16	C. S. Nelson & Co., Spooner	Twohy-Eimon Mercantile Co., West Superior, Wis.	Wild Rose.
	D. A. Taylor, Stevens Point	Not given	
1906			
Jan. 15	J. B. Hitchcock, Montford	Gillette Chemical Co., Chicago, Ill.	Standard.
Feb. 21*	State Board of Control	Not given	
Feb. 21*	State Board of Control	Not given	
Feb. 23	Albert Rueth, Sun Prairie	Corbin Sons Co., Chicago, Ill.	Clear Quill.
Mch. 6	Harry Olson, Eau Claire	Union Pacific Tea Co., New York	Sovereign.
Mch. 6	Chas. Wilk, Eau Claire	Gillette Chemical Works, Chicago, Ill.	Standard.
Mch. 20	D. E. Solerm & Co., Superior	Twohy-Eimon Co., Superior, Wis.	Ivory.
Mch. *	State Board of Control	Not given	
Apr. 11	H. E. Robinson, Omro	Royal Remedy & Ex. Co., Dayton, Ohio	Souders.
Apr. 14	G. A. Edlund, Ogema	Burns, Hooper, Hays Co., Oshkosh, Wis.	Quaker.
Apr. 12*	Beer Bros., Burkhardt	Minnesota Mercantile Co., Stillwater, Minn.	Crescent.
Apr. 19*	Beer Bros., Burkhardt	Minnesota Mercantile Co., Stillwater, Minn.	10 cent.

* Submitted.

OTHER LEMON EXTRACTS.

Date	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905				
Aug. 22	Schrierke Bros., Manawa.....	Sanford & Schlagheck, Toledo, Ohio...	Polly	Held not lawful as labeled.
Oct. 26	Leyknow & Finderson, Antigo	Vincent Sanford, Toledo, Ohio	Polly	Held not lawful as labeled.
1906				
June 6	R. A. Nelson, Racine	C. E. Spangenberg, Milwaukee	High Grade	Artificially colored, not lawful.
Mch. 6	A. Nelson & Co., Eau Claire	Edward Dewey & Co., Milwaukee	Tropical	Color artificial, not lawful.
Mch. 6*	State Board of Control			Color artificial, not lawful.
Apr. 13	W. Wichman, Appleton	W. J. Quan Co., Chicago, Ill.	Royal Blue	Color artificial, not lawful.

* Submitted.

VANILLA EXTRACTS.

Of the seventy-three samples of vanilla extracts and flavors analyzed, sixty-four samples, covering fifty-three brands, were adulterated. In some cases the preparations were entirely artificial, having been made from artificial vanillin with or without coumarin and colored with coal-tar dyes, caramel or prune juice. In others a very weak vanilla extract had been fortified with vanillin, coumarin or tonka beans, and made to appear stronger by the use of artificial coloring matter. Four samples were found to contain wood alcohol.

The results of the analyses are given on pages 83-86.

HONEY.

Eight samples were pronounced adulterated or abnormal. In two cases the adulteration consisted in the addition of a large amount of cane sugar syrup, while one sample contained about 80% of commercial glucose. Several samples, although found to have an abnormal composition, were not necessarily adulterated.

On pages 88-89 are given the brands of honey found adulterated, as well as those passed as lawful.

JAMS, JELLIES AND PRESERVES.

Eighty-five and one half per cent of all the jams, jellies and preserves analyzed were pronounced unlawful. The great majority of these were artificially colored, contained glucose and were preserved with salicylic or benzoic acids. Some were made from fruit refuse (probably the residue left after expressing the juice), apple pomace, starch paste, and artificial coloring and flavoring; a few contained little or none of the fruit from which they were supposed to be the sole product. A submitted sample of imitation raspberry preserves contained glucose, starch paste, coal-tar dye, benzoic acid, a few raspberry seeds (free from pulp) and a large number of millet seeds.

The tables on pages 90-94 give the results of the analyses.

ADULTERATED VANILLA EXTRACTS.

Date	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1904				
Mch. 8	J. & S. Husebo, Deerfield	McNeil & Higgins, Chicago, Ill.	Empire	
Apr. 13	D. Morrisey, Bagley	J. T. Hancock & Sons, Dubuque, Iowa	Acme	
May 26	Wm. Koch, East Farmington	Not given .....	.....
June 9	A. R. Michi, Milwaukee	Household Extract Works, Milwaukee, Wis.	French	
June 25	Geo. F. Carl, Janesville	H. Kirk, White Co., Janesville, Wis.	.....	Labeled "Venil."
July 19	Fred Henschel, Ft. Atkinson	J. P. Dieter Co., Chicago, Ill.	White Horse	
July 19	Marsh Bros., Ft. Atkinson ..	H. Kirk, White Co., Janesville, Wis.	Superior	Labeled "Venil."
July 21	N. P. Swanson, Richardson..	Green & De Laitre, Minneapolis, Minn.	Golden West	
Aug. 4	Engel Bros., Sun Prairie	H. Kirk, White Co., Janesville, Wis.	.....	Labeled "Venil."
Sept. 14	Grand Union Tea Co., She- boygan	Grand Union Tea Co., Sheboygan, Wis	.....
Sept. 27	H. C. Nelson, Oshkosh	Household Extract Works, Milwaukee, Wis.	French	Labeled "Substitute."
Oct. 18	O. R. Pieper, Milwaukee	J. P. Dieter Co., Chicago, Ill.	Dieters	
Nov. 15	Webster & Porter, Baraboo...	Webster & Schubring, Baraboo, Wis.	Magic	
Nov. 22	P. Anderson, Racine	Household Extract Works, Milwaukee, Wis.	French	
Nov. 23	Westrahl Bros., Hersey	Lyman Eliel Drug Co., Minneapolis, Minn.	Purity	
Dec. 20	F. Henschel, Ft. Atkinson ...	J. P. Dieter Co., Chicago, Ill.	White Horse	
1905				
Jan. 6	Thos. B. Davis, Downing ...	James McIntosh Co., Minneapolis, Minn. ....	.....
Jan. 17	Wm. Doerffinger, La Crosse ..	Booth M'fg. Co., La Crosse, Wis.	Regal	
Jan. 25*	Bemis, Hooper & Hayes, Osh- kosh	Thompson Taylor Co., Chicago, Ill. ...	.....
Mch. 10	T. & D. Oyaas, Superior	Arma Coffee Co., Duluth, Minn.	Arma	
Mch. 17	Raup Bros., Washburn	Thompson & Taylor Spice Co., Chi- cago, Ill.	Pepper Box	
Mch. 23	Geo. Shapiro, Neillsville	Steele, Wedeles Co., Chicago, Ill.	Lakeside	
Apr. 13	P. E. Ibuch, Alma	The Pittman Extract Co., Wincna, Minn.	White Vanilla	
Apr. 20	Peterson & Dahl, Amery	Atwood & Steele, Chicago, Ill.	Perfection	

ADULTERATED VANILLA EXTRACTS—Continued.

Date. Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905.			
Apr. 4*	Miss Crowe, Madison	W. O. Livermore, Madison, Wis.	
May 13	Cohen Bros., Waupaca	Consolidated Chemical Co., Fond du Lac, Wis.	Cooks
May 16	G. S. Gorslin, Montello	Dahlman & Imbush, Milwaukee, Wis..	Superb
May 19*	F. J. Bohri, Fountain City ..	Fountain City Bottling Works, Fountain City, Wis.	Frommes Fountain
June 1	J. I. Campbell, Fond du Lac.	Remington Drug Co., Fond du Lac, Wis.	
June 13	Geo. T. Roland & Son, Grand Rapids	Not given	
June 16	Remington Drug Co., Fond du Lac	Not given	
July 19*	Schuette Bros., Manitowoc ..	J. P. Dieter & Co., Chicago, Ill.	
Aug. 4*	Johnson & Boya, Superior...	J. P. Dieter & Co., Chicago, Ill.	
Aug. 7	American Tea Co., Oshkosh ...	J. P. Dieter & Co., Chicago, Ill.	
Aug. 13	C. Schwan, Kenosha	Henry Herner Co., Chicago, Ill.	Clipper
Oct. 10*	J. L. Jensen, Rosholt	M. M. Fenner Co., Fredonia, N. Y. ...	Crown
Dec. 19	H. N. Burrington, Tomahawk	Quaker Extract Co., Chicago, Ill.	Vienna
Dec. 22	A. C. Young & Son, Chelsea...	Quaker Extract Co., Chicago, Ill.	
*	Board of Control	National Extract Works	
*	G. M. Frohmader, Camp Douglas	Edward Dewey, Milwaukee, Wis.	Tropical Standard.
*	From Bessemer, Michigan		Labeled "Vanilla and Coumarin." Supposed to have caused the death of a man; contains wood alcohol. Labeled Extract of "Vanillid."
Aug. 22	Dick & Berkeley, Manawa ...	M. W. Marshall, Fond du Lac, Wis. ...	
July 5	E. C. Aylsmeier, Cottage Grove	McNeil & Higgins Co., Chicago, Ill. ..	Empire
Aug. 8	Henrich & Froetz, Menasha...	Pure Food Baking Powder Co., Chicago, Ill.	Pure Food
Aug. 18	C. Schwan, Kenosha	Henry Horner, Chicago, Ill.	Renroh
Aug. 25	H. D. McCulloch Co., Stevens Point	Seely's M'fg. Co., Detroit, Mich.	Seely's
Sept. 22	T. H. Patterson & Sons, Wild Rose	J. P. Dieter Co., Chicago, Ill.	Eureka
Sept. 26	T. R. Du Vall, Ripon	Chapman Smith Co., Chicago, Ill.	Chapman's
Sept. 27	Earl & McGuier, Omro	Bemis, Hooper, Hays & Co., Oshkosh, Wis.	Quaker
			Labeled Extract of Vanilla and Tonka.

ADULTERATED VANILLA EXTRACTS—Continued.

Date. Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905			
Sept. 27 L. C. Smith, Berlin	Quaker Extract Co., Chicago, Ill.	Quaker	Labeled Extract of Vanilla and Tonka.
Oct. 19 Greenberg's Dept. Store, Ne-	M. W. Marshall, Fond du Lac, Wis...	Vanillid	Labeled Extract of "Vanillid."
Oct. 26 Leyknow & Finderson, Antigo	Vincent Sanford, Toledo, Ohio	Polly	Labeled Vanilla Flavor.
Oct. 30 H. Block, Clintonville	Lakota M'fg Co., Chicago, Ill. ....	.....	.....
Nov. 18* Mayer Bros., Milwaukee	Dr. J. B. Lynas & Son, Logansport,	.....	.....
Nov. 20* Mrs. E. A. Fell, Wausau	Ind. ....	.....	.....
1906			
Feb. 15 Bardon, Kellogg & Co., Ash-	De Boe, King & Co., Grand Rapids,	De Boe's	Contains Wood Alcohol.
Feb. 20 F. H. Drummond, Cable	Mich. Quaker Med. Ass'n., St. Paul, Minn..	.....	Contains Wood Alcohol and Coumarin.
Feb. 21 A. F. Lichtenwainer, Monroe.	Dearborn Chemical Works, Chicago,	.....	.....
Feb. 23 Albert Rueth, Sun Prairie ...	Ill. Corbin Sons Co., Chicago, Ill.	Clear Quill .....	.....
Feb. 26* M. J. Shackleton, Albion	Rockford, Wholesale Grocery Co.,	R. ....	.....
Mch. 6 Harry Olson, Eau Claire	Union Pacific Tea Co., New York,	Sovereign .....	.....
Mch. 6 Chas. Wilk, Eau Claire	N. Y. Gilette Chem. Works, Chicago, Ill. ..	Standard .....	.....
Apr. 7 Bardon, Kellogg & Co., Ash-	De Boe, King & Co., Grand Rapids,	De Boe's	Contains Wood Alcohol.
Apr. 12* Beer Bros., Burkhardt	Mich. Minnesota Mer. Co., Stillwater,	10 cents	Labeled "Vanilla Flavoring."

* Submitted.

VANILLA EXTRACTS PASSED AS LAWFUL.

Date	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1904	Aug. 10 C. J. Heppe, Hartford	A. J. Hilbert & Co., Milwaukee, Wis.	Fishers	
Sept. 24	Manson & Ulrich, Belleville..	Gould, Wells & Blackburn Co., Madison, Wis.	White House	
*	A. Marachowsky, Mauston ...	.....	.....
*	C. E. Fowler, Columbus	S. W. McCune Co., Aurora, Ill. ....	.....
1905	May 19 N. A. Nelson, Weyauwega	Edward Dewey & Co., Milwaukee, Wis.	Tropical	Labeled—Extract of Vanilla and Coumarin.
Aug. 8	Johnson Bros., Neenah	Jennings Flavoring Ex. Co., Grand Rapids, Mich. ....	.....
Oct. 19	W. H. Darrow & Son, Necedah	Sherer Bros., Chicago, Ill.	Sherer	
Oct. 30	Anton Zenilk, Shawano	E. W. Gillette, Chicago, Ill. ....	.....
1906	Apr. 12 Beer Bros., Burkhardt	Minnesota Mer. Co., Stillwater, Minn.	Dells	

* Submitted.

OTHER EXTRACTS.

Date	Sample.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1904 Apr. 30	Orange flavoring ...	J. O. Griffiths, Dodgeville...	National Extract Works, Milwaukee		Passed.
Aug. 4	Orange flavoring ...	Engel Bros, Sun Prairie.....	Chapman & Smith, Chicago, Ill.		Passed.
Oct.	Tincture strawberry	O. D. Bates, Janesville.....	H. Kirk White & Co., Janesville, Wis.		Not lawfully labeled.
1905		F. J. Bohri, Fountain City..	F. J. Bohri, Fountain City, Wis.		An artificial strawberry flavor. Not lawfully salable as "Extract of Strawberry."
Jan. 24	Extract of rose ...	S. B. Greenwald, Monroe...	Sprague, Warner & Co., Chicago, Ill.	Richelieu ...	Passed.
* Feb. 10	Essence of peppermint Extract of pineapple	C. E. Fowler, Columbus..... Bruce Mer. Co., Bruce.....	S. W. McCune Co., Aurora, Ill. Minnesota Mer. Co., Stillwater, Minn.	Eclipse	Adulterated. Not lawful. An artificial extract. Not lawfully labeled.
Jan. 24	Extract of orange ..	S. B. Greenwald, Monroe....	Sprague, Warner & Co., Chicago, Ill.	Richelieu ...	Passed.
May 5*	Extract of orange ..	F. J. Bohri, Fountain City..	F. J. Bohri, Fountain City, Wis.		Oil of orange, none. Not lawfully salable as orange extract.
June 19	Essence of ginger ..	Star Grocery Co., Superior..	The Fremont Chemical Works, Chicago, Ill.		Adulterated.
Jan. 24	Extract of cloves ...	S. B. Greenwald, Monroe....	Sprague, Warner & Co., Chicago, Ill.	Richelieu ...	Passed.
Jan. 24	Extract of wintergreen	S. B. Greenwald, Monroe....	Sprague, Warner & Co., Chicago, Ill.		Passed.
1906 Feb. 1	Extract of strawberry	M. V. N. Richmond, Lodi...	Franklin, McVeigh & Co., Chicago, Ill.	Club House.	Not lawful.

OTHER EXTRACTS—Continued.

Date.	Sample.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1906.					
Feb. 15	Extract of rose.....	C. Priegnitz, Lake Mills.....	Lake Mills Novelty Co., Lake Mills, Wis. ....	.....	An artificial preparation. Artificially colored.
Feb. 20	Extract of peppermint	People's Supply Co., Monticello	W. M. Hoyt Co., Chicago, Ill. ....	.....	Not lawful.
Feb. 20	Extract of raspberry	People's Supply Co., Monticello	S. W. McCune Co., Aurora, Ill.	McCunes ...	Not lawful.
June 28	Extract of strawberry	Birkmose & Wiberg, Hudson	Griggs, Cooper Co., St. Paul, Minn.	Home	Colored artificially. Not lawful.

* Submitted.

HONEY, ADULTERATED OR ABNORMAL.

Date.	Purchased of or submitted by.	Jobber.	Brand.	Remarks.
1904.				
June 24	B. Treveitte, Beloit.....	Lamon, Gohl Syrup Co., Chicago, Ill.	Lamon's	Sucrose 22.8 per cent. Adulterated.
Oct. 7	Levin & Nordin, Ashland.....	Wm. McMurray, St. Paul, Minn.	Pure	Not a normal honey.
Oct. 27	D. Weller, Chippewa Falls....	W. J. Quane & Co., Chicago, Ill.	Royal Blue ..	Not a normal honey.
1905.				
Mar. 16	A. C. McDonald, Ashland.....	Franklin, McVeigh & Co., Chicago, Ill.	Casino	Not a normal honey. Sucrose 9.0 per cent. Not a normal honey.
Oct. 4*	N. E. France, Platteville.....	.....	.....	Contains an excessive amount of moisture, 29.85 per cent.
Oct. 27	Herman Buss, Appleton.....	.....	.....	Contains about 80 per cent of commercial glucose.
Oct. 27*	Board of Control.....	McNeil & Higgins Co., Chicago, Ill. ....	.....	Heavily adulterated with cane sugar syrup.
Dec. 15	Jacob Newhouse, Kenosha....	McNeil & Higgins Co., Chicago, Ill.	Blossom	

* Submitted.

HONEY PASSED AS LAWFUL.

Date.	Purchased of or submitted by.	Producer or Jobber.	Brand.
1904.			
Mar. 6*	George Golden, Chippewa Falls.....	John Bartz, Keystone.....	White Clover.
June 8	H. A. Lemmermann, Milwaukee.....	E. R. Pahl, Milwaukee, Wis.....	
June 8	J. M. Reis, Madison.....		
1905.			
Jan. 13	C. F. Lohr & Son, Hartford.....		Pahls. Juneau. Lamon's. Norman Co. Pahl's. Blossom. Geneva. Blossom.
Feb. 20*	King Bros., Tomah.....	John C. Schuman, Tomah, Wis.....	
	W. J. Stahmann, Bruce.....		
	Christ Pickart, Malone.....		
Mar. 8	Laun Bros., Wausaukee.....	A. Stevens, Stockbridge, Wis.....	
Aug. 15*	J. H. Hussmann, Milwaukee.....		
Oct. 21*	Rosenbohm, Appleton.....		
Dec. 5*	Bibbs Grocery, Madison.....		
Dec. 6	J. E. McCarthy, Madison.....	E. R. Pahl & Co., Milwaukee, Wis.....	
Dec. 13	Jenson, Christenson Co., Racine.....	B. Walker, Evert, Mich.....	
Dec. 21	Frank Kolenc, Milwaukee.....	Wellauer & Hoffman, Milwaukee, Wis.....	
Dec. 21	Frank Kolenc, Milwaukee.....	Lamon, Gohl Syrup Co., Chicago, Ill.....	
1906.			
Feb. 12	Birkmose & Wieberg, Hudson.....	Northern Mfg. Co., Minneapolis, Minn.....	
Feb. 24	W. H. Thomas, Dodgeville.....	E. R. Pahl & Co., Minneapolis, Minn.....	
May 3	J. Newhouse, Kenosha.....	McNeil & Higgins Co., Chicago, Ill.....	
May 15	E. C. Borgmann, Milwaukee.....		
June 13	Joseph Leinenweber, Kenosha.....	McNeil & Higgins Co., Chicago, Ill.....	

* Submitted.

JAMS, JELLIES AND PRESERVES, NOT LAWFUL.

Date.	Kind.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1904.					
June 8	Strawberry preserves	H. A. Lemmermann, Milwaukee, Wis.	Williams Bros. Co., Detroit, Mich.	Highland	A compound glucose preparation, artificially colored.
June 10	Strawberry jam.....	J. P. Nord, Milwaukee.....	Dodson, Braun Mfg. Co., St. Louis, Mo.	Extra Quality	A compound glucose preparation, artificially colored.
June 10	Red raspberry preserves	Seeger & Trotter, Milwaukee	Smith, Ball & Co., Chicago, Ill.	White House	A compound glucose preparation, artificially colored.
June 24	Red raspberry preserves	B. Trevette, Beloit.....	D. B. Scully Syrup Co., Chicago, Ill.	Buffalo	A compound glucose preparation, artificially colored.
July 10*	Blackberry preserves	Gould, Wells & Blackburn, Madison	Chicago Syrup Refining Co., Chicago, Ill.	Premium Brand ..	A compound glucose preparation, artificially colored.
July 20	Red raspberry preserves	Boston Store, Milwaukee.....	Williams Bros. Co., Detroit, Mich.	Dragon	A compound glucose preparation, artificially colored.
July 20	Currant jelly	Boston Store, Milwaukee.....	Steele, Wedeles Co., Chicago, Ill.	Pure Fruit	A compound glucose preparation, artificially colored.
July 20	Raspberry jelly	Boston Store, Milwaukee.....	Steele, Wedeles Co., Chicago, Ill. ....	.....	A compound glucose preparation, artificially colored.
July 25*	Jelly	Hy Grade Yeast Powder Co., Chicago, Ill. ....	.....	.....	A compound glucose preparation, artificially colored.
July 25*	Red raspberry preserves	M. Slattery, Milwaukee.....	Williams Bros. Co., Detroit, Mich.	Dragon	A compound glucose preparation, artificially colored.
July 25*	Pure Fruit Jelly	M. Slattery, Milwaukee.....	Steele, Wedeles Co., Chicago, Ill.	Pure Fruit	A compound glucose preparation, artificially colored.

JAMS. JELLIES AND PRESERVES. NOT LAWFUL—Continued.

Date.	Kind.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1904. July 25*	Raspberry preserves	Beemis, Hooper, Hays Co., Oshkosh	Smith & Ball Co., Chicago, Ill.		Artificially colored, preserved with benzoic acid.
Dec. 1	Strawberry preserves	G. R. Gustafson, Marshfield	Berry Maybrun Co., Chicago, Ill.	B. M.	Contains salicylic acid.
Dec. 19	Raspberry preserves	Standard Mer. Co., Tomahawk	E. J. Dailey & Co., Detroit, Mich.	Purity	Artificially colored.
Dec. 19	Currant and apple jelly	D. C. Jones, Tomahawk.....	Franklin, McVeigh & Co., Chicago, Ill.	Charm	Artificially colored, contains benzoic acid.
1905. Jan. 14	Jelly	W. F. Linderman & Co., Viroqua	Benton Harbor Preserving Co., Benton Harbor, Mich.	Benton Harbor	Compound glucose jelly, preserved with benzoic acid.
Jan. 17	Damson plum jam..	Hollan & Temte, La Crosse..	McNeil & Higgins, Chicago, Ill.	Empire	Compound glucose preparation, artificially colored.
Jan. 18	Strawberry preserves	Bitzer Bros., La Crosse.....	D. B. Scully Syrup Co., Chicago, Ill.	Buffalo	Compound glucose preparation, artificially colored.
Mar. 8	Strawberry preserves	Martin Sauter, Superior.....	Berry, Mayburn & Co., Chicago, Ill.	M. B.	Contains salicylic acid.
Mar. 15	Raspberry preserves	D. C. Jones, Tomahawk.....	Franklin, McVeigh & Co., Chicago, Ill.	Charm	Artificially colored, preserved with benzoic acid.
May 18	Strawberry jelly.....	The Fair Store, Waupaca....	Smith, Ball Co., Chicago, Ill.	Glendale	A compound glucose preparation artificially colored and preserved with benzoic acid.
June 19	Strawberry jam.....	Berthiaume Bros., Superior..	William Bros. Co., Detroit, Mich.	Highland	Contains apple juice and glucose.

JAMS, JELLIES AND PRESERVES. NOT LAWFUL—Continued.

Date.	Kind.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905.					
July 12	Strawberry jam.....	Robbe Bros. & Dahl, Strum.	Benton Harbor Preserving Co.	Benton Harbor	Contains glucose.
Aug. 8	Raspberry preserves	A. Walburn & Sons, Menasha .....	.....	Ever First	Contains glucose, artificial color and benzoic acid.
Aug. 15	Jam	Sinaiko Bros., Madison.....	Curtice Bros. Co., Rochester, N. Y.	Damson	Contains benzoic acid and glucose.
Sept. 1	Damson jam	Hallan & Tarnte, La Crosse.	McNeil, Higgins Co., Chicago, Ill.	Empire	
Sept. 1	Black raspberry preserves	O. A. Johnson, La Crosse...	D. B. Scully Syrup Co., Chicago, Ill.	Buffalo	Artificially colored.
Sept. 1	Blackberry preserves	P. O. Hansen, La Crosse...	McNeil, Higgins Co., Chicago, Ill.	Blossom	Artificially colored.
Sept. 8*	Strawberry preserves	Am. Vinegar Co., Milwaukee	St. Louis Syrup Preserving Co. ....	.....	Artificially colored.
Sept. 27	Cherry preserves....	R. H. Ames & Co., Omro....	Beemis, Hooper, Hays Co., Oshkosh, Wis.	Yacht Club	Artificially colored, preserved with benzoic acid.
Sept. 27	Cherry preserves....	G. A. Stubb & Co., Berlin..	West Shore Packing Co., Chicago, Ill.	Priscilla	A compound glucose preparation, artificially colored.
Oct. 31	Currant and apple jelly	Gilham & Rick, Wausau.....	Franklin, McVeigh & Co., Chicago, Ill.	Charm	Contains benzoic acid.
Oct. 30	Raspberry preserves	H. Block, Clintonville.....	Henry Horner Co., Chicago, Ill.	Clipper	
Dec. 6	Raspberry preserves	F. L. Soehle, Madison.....	M. Wolff & Sons, Chicago, Ill.	Mother Eva's Pure Fruit	Contains benzoic acid.
Dec. 6	Strawberry jam	Wm. Piper, Madison.....	Dodson, Brown Mfg. Co., St. Louis, Mo. ....	.....	Contains glucose, artificial color and benzoic acid.

JAMS, JELLIES AND PRESERVES. NOT LAWFUL—Continued.

Date.	Kind.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1906. Dec. 7	Raspberry jelly	Piper Bros., Madison.....	M. Wolf & Sons, Chicago, Ill.	Mother Eva's Pure Fruit	Contains benzoic acid.
Dec. 14	Genesee jam	J. A. Winberg, Kenosha....	Sprague, Warner & Co., Chicago, Ill.	Genesee Jam	Contains glucose and benzoic acid.
Dec. 15	Blackberry preserves	Jacob Newhouse, Kenosha...	McNeil & Higgins Co., Chicago, Ill.	Blossom	Artificially colored.
1906. Jan. 13	Strawberry preserves	Walter Crandall, Hudson....	William Bros. Co., Detroit, Mich.	Dragon	Contains benzoic acid.
Feb. *	Raspberry pie filling .....	.....	Hills Bros. Co., N. Y.	Royal Excelsior ...	Contains glucose, starch paste, a few raspberry seeds (free from pulp), and a large number of millet seeds; also artificially colored with coal-tar dye and preserved with benzoic acid.
Feb. 5	Imitation preserves..	Geo. J. Nehre, Eau Claire...	West Shore Packing Co., Chicago, Ill.	Priscilla	
Feb. 9	Strawberry jam	W. G. Liebig Mer. Co., Medford	Steele, Wedeles Co., Chicago, Ill.	Angora	Contains benzoic acid.
Feb. 15	Strawberry preserves	Genesee Bros., Ashland.....	Chicago Concentrating Co., Chicago, Ill.	Belmont	
Feb. 20	Apricot preserves....	O. H. Hanson, Cambridge...	Franklin, McVeigh & Co., Chicago, Ill.	Pomona	Contains large amount of salicylic acid.
Feb. 15	Pineapple preserves.	Kypke & Drews, Lake Mills.	Wm. W. Vaughan Co., Detroit, Mich.	Tourist	
Feb. 20	Red raspberry preserves	O. H. Hanson, Cambridge...	Franklin, McVeigh & Co., Chicago, Ill.	Pomona	Contains large amount of salicylic acid.

JAMS, JELLIES AND PRESERVES. NOT LAWFUL—Continued.

Date.	Kind	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1906					
Feb. 27	Gooseberry preserves	J. Ivers, Prairie du Chien...	Manierre Yoe Syrup Co., Chicago, Ill.	Puritan	
Mar. 30	Fruit jam	Menze Gaitwat Co., Milton Junction	Benton Harbor Preserving Co.	Benton Harbor	
Apr. 13	Jelly	Paul Stimiff, Appleton.....	Smith & Ball, Chicago, Ill.	Glendale	
Apr. 13	Strawberry jam	Henning & Stroetz, Menasha.	Chapman & Smith, Chicago, Ill.	Rolling Pin	Contains glucose, artificial color and benzoic acid.
May 3	Currant jelly, imitation	J. Newhouse, Kenosha.....	McNeil & Higgins Co., Chicago, Ill.	Comet	
June 13	Imitation preserves.	C. Schwan, Kenosha.....	Henry Horner, Chicago, Ill.	Clipper	
June 15	Cherry preserves....	Oellerich & Hinkins, Platteville	Glenora Co., Chicago, Ill.	Glenora	
June 21	Cherry preserves....	G. A. Stubb & Co., Berlin...	West Shore Packing Co., Chicago, Ill.	Priscilla	

* Submitted.

JAMS, JELLIES, AND PRESERVES PASSED AS LAWFUL.

Date.	Kind.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.
1905.				
Mar. 16	Currant jelly	Oscar Johnson, Ashland	Orth Preserving Co., Ashland.....	
May 17	Currant jelly	F. J. Luce & Co., Plainfield.....	Manierre-Yoe Syrup Co., Chicago, Ill.	Silver Leaf.
June 19	Red raspberry preserve.....	McKinnon Bros., Superior.....	H. J. Heinz Co., Pittsburg, Pa.	Old Manse.
June 19	Currant jelly	Star Grocery Co., Superior.....	Hudson River Packing Co., New York	
Dec. 5	Damson jam	Gersbach & Black, Madison.....	Dodson Brown Mfg. Co., St. Louis....	Cupid.
Dec. 7	Blackberry jelly	Olsen & Jacobson, Madison.....		
1906.				
Feb. 6	Strawberry jelly	M. F. Vichery & Son, Ft. Atkinson....	Chicago Concentrating Co., Chicago....	Belmont.
Feb. 13	Jelly	Thielman Grocery Co., Merrill.....	Franklin, McVeigh & Co., Chicago....	Telmo.
Feb. 14	Grape jelly	H. E. Walters, Ashland.....	Chicago Concentrating Co., Chicago....	Belmont.

* Submitted.

CHOPPED MEATS AND SAUSAGES.

Of the 359 samples of chopped meats and sausages analyzed, 130 or 36% were found to contain chemical preservatives, or artificial coloring matter, or both. The actual condition of the Wisconsin markets with respect to these foods before the fall of 1905 is perhaps better indicated by the results of a complete inspection of the Madison markets made in August of that year, when 60% of the samples of chopped meats and sausages purchased were found to be adulterated. To the publicity given the prosecutions which resulted, the lower percentages of adulteration found in other cities must doubtless be ascribed. At the present time, on account of the large number of convictions secured all over the state, very little adulteration of the above character is practiced in this class of foods. The preservatives generally found in sausages were boric acid and borax, while sodium sulphite was the chemical usually added to chopped beef. The use of the latter seems particularly objectionable. Its true preservative action is slight, but it causes the meat to take on and retain a bright red color while at the same time it destroys odors of decay. Its use takes from the purchaser or consumer about the only means he has for judging the wholesomeness of meat. A sample of chopped meat purchased on the market and found to contain sodium sulphite was kept for three days in the laboratory during hot weather in August. At the end of that time it was still red and odorless and although slightly mushy might still have been accepted as wholesome food by the ordinary purchaser; a bacteriological examination, however, showed that it contained a very large number of putrefactive organisms, and that the meat was in fact in an advanced stage of decomposition.

These preservatives are generally sold to butchers under coined names, such as "Freeze-em" and Preservaline" by firms who make a specialty of manufacturing preserving mixtures, their salesmen often assuring the butchers that their mixtures are harmless and their use lawful.

ADULTERATED CHOPPED MEATS AND SAUSAGES.

Date.	Sample.	Purchased of or submitted by.	Remarks.
1904.			
Aug. 4	Sausage	W. Lillich, Sun Prairie, Wis.....	Contains boric acid and artificial coloring matter.
Sept. 19	Sausage	W. Lillich, Sun Prairie, Wis.....	Contains boric acid and coal tar dye.
Sept. 19	Sausage	E. B. Haberman, Sun Prairie, Wis.....	Contains boric acid and coal tar dye.
Dec. 21	Bologna sausage	Wm. Giest, Elroy, Wis.....	Contains boric acid and artificial coloring matter.
Dec. 21	Bologna sausage	Joe Oehlers, Elroy, Wis.....	Contains boric acid and artificial coloring matter.
Dec. 22	Bologna sausage	Adolph Ortel, New Lisbon, Wis.....	Contains boric acid and artificial coloring matter.
Dec. 22	Bologna sausage	F. H. Denicke, Mauston, Wis.....	Artificially colored.
1905.			
Apr. 19	Sausage	J. Seidel, Marshfield, Wis.....	Artificially colored and contains boric acid or borax.
Apr. 19	Sausage	J. Miller, Marshfield, Wis.....	Preserved with boric acid or its salt.
Apr. 19	Sausage	J. Kerschner, Marshfield, Wis.....	Preserved with boric acid or its salt.
Apr. 19	Sausage	A. Veit, Marshfield, Wis.....	Preserved with boric acid or borax and artificial coloring matter.
June 20	Sausage	J. A. Rick, Stanley, Wis.....	Contains boric acid or a salt thereof.
July 10	Sausage	M. Ganske, Chetek, Wis.....	Contains boric acid or a salt thereof.
Aug. 15	Chopped meat	People's Cash Market, Madison, Wis.....	Contains a salt of sulphurous acid.
Aug. 16	Sausage	Schwogler Bros., Madison, Wis.....	Contains boric acid or a salt thereof.
Aug. 16	Chopped meat	A. Charnack, Madison, Wis.....	Contains a salt of sulphurous acid.
Aug. 16	Chopped meat	Schulz, Madison, Wis.....	Contains a salt of sulphurous acid.
Aug. 16	Chopped meat	H. Scheler, Madison, Wis.....	Contains a salt of sulphurous acid.
Aug. 16	Chopped meat	Kemmer Bros., Madison, Wis.....	Contains a salt of sulphurous acid.
Aug. 16	Sausage	C. F. Jordan, Madison, Wis.....	Contains artificial coloring and boric acid or a salt thereof.
Aug. 16	Chopped meat	J. Klueter, Madison, Wis.....	Contains a salt of sulphurous acid.
Aug. 16	Chopped meat	M. J. Hoven, Madison, Wis.....	Contains a salt of sulphurous acid.
Aug. 16	Chopped meat	Scheler Bros., Madison, Wis.....	Contains a salt of sulphurous acid.
Aug. 16	Sausage	A. Charnack, Madison, Wis.....	Contains artificial coloring and boric acid or a salt thereof.
Aug. 16	Sausage	People's Cash Market, Madison, Wis.....	Contains artificial coloring and boric acid or a salt thereof.
Aug. 16	Sausage	Schmidt & Braun, Madison, Wis.....	Contains boric acid or a salt thereof.

ADULTERATED CHOPPED MEATS AND SAUSAGES—Continued.

Date.	Sample.	Purchased of or Submitted by.	Remarks.
1905.			
Aug. 16	Sausage	M. J. Hoven, Madison, Wis.....	Contains boric acid or a salt thereof.
Aug. 16	Sausage	H. Scheler, Madison, Wis.....	Contains boric acid or a salt thereof.
Aug. 16	Sausage	Karls Bros., Madison, Wis.....	Contains artificial coloring and boric acid or a salt thereof.
Aug. 16	Sausage	C. J. Ehrman, Madison, Wis.....	Contains artificial coloring and boric acid or a salt thereof.
Aug. 16	Sausage	W. H. Hintzen, Madison, Wis.....	Contains artificial coloring and boric acid or a salt thereof.
Aug. 16	Sausage	Addison & Grieve, Madison, Wis.....	Contains artificial coloring and boric acid or a salt thereof.
Aug. 16	Sausage	Geo. Soelch, Madison, Wis.....	Contains artificial coloring and boric acid or a salt thereof.
Aug. 16	Chopped meat	Geo. Soelch, Madison, Wis.....	Contains artificial coloring and boric acid or a salt thereof.
Aug. 17	Sausage	Adam Omen, Madison, Wis.....	Contains boric acid or a salt thereof.
Aug. 24	Summer sausage	F. Usinger, Milwaukee, Wis.....	Contains artificial coloring and boric acid or its salt thereof.
Aug. 26*	Bologna sausage	C. J. Ehrman, Madison, Wis.....	Contains boric acid or a salt thereof.
Aug. 26	Summer sausage	W. O'Day, Madison, Wis.....	Contains artificial coloring and boric acid or a salt thereof.
Aug. 26*	Frankfurter sausage	C. J. Ehrman, Madison, Wis.....	Contains boric acid or a salt thereof.
Aug. 29*	Sausage	Langdon & Boyd, La Crosse, Wis.....	Contains artificial coloring and boric acid or a salt thereof.
Oct. 2	Sausage	W. W. Woodring, Janesville.....	Contains artificial coloring and boric acid or a salt thereof.
Oct. 2	Sausage	J. G. Smith, Janesville.....	Contains boric acid or a salt thereof.
Oct. 2	Sausage	W. W. Nash, Janesville.....	Contains artificial coloring and boric acid or a salt thereof.
Oct. 2	Sausage	W. W. Nash, Janesville.....	Contains boric acid or a salt thereof.
Oct. 2	Sausage	W. A. Murray, Janesville.....	Contains boric acid or a salt thereof.
Oct. 3	Sausage	Board of Control, State Prison.....	Contains boric acid or a salt thereof.
Oct. 3	Hamburger steak	Chas. Remer, Waupun.....	Contains the equivalent of 0.678 per cent sodium sulphite.
Oct. 3	Sausage	W. J. Fendee, Waupun.....	Contains artificial coloring and boric acid or a salt thereof.
Oct. 10	Sausage	J. B. Smith, Janesville.....	Contains boric acid or a salt thereof.
Oct. 10	Sausage	J. B. Smith, Janesville.....	Contains boric acid or a salt thereof.
Oct. 13	Hamburger steak	Theo. Wentink, Appleton.....	Contains a salt of sulphurous acid.

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ADULTERATED CHOPPED MEATS AND SAUSAGES—Continued.

Date.	Sample.	Purchased of or Submitted by.	Remarks.
1905.			
Oct. 13	Hamburger steak	Merkel & Boehm, Appleton.....	Contains a salt of sulphurous acid.
Oct. 13	Hamburger steak	C. Wentink, Appleton.....	Contains a salt of sulphurous acid.
Oct. 13	Sausage	R. Leherer, Appleton.....	Contains boric acid or a salt thereof.
Oct. 21	Sausage	Schaefer & Krueger, Wausau.....	Contains boric acid or a salt thereof.
Oct. 21	Sausage	Gillingham & Rick, Wausau.....	Contains artificial coloring and boric acid or a salt thereof.
Oct. 21	Sausage	Haessel & Williams, Wausau.....	Contains artificial coloring and boric acid or a salt thereof.
Oct. 21	Sausage	A. F. Stanke, Wausau.....	Contains boric acid or a salt thereof.
Oct. 21	Sausage	A. F. Stanke, Wausau.....	Contains boric acid or a salt thereof.
Oct. 21	Hamburger	R. Lass, Wausau.....	Contains a salt of sulphurous acid.
Oct. 21	Sausage	R. Lass, Wausau.....	Contains boric acid or a salt thereof.
Oct. 21	Sausage	Chas. Geisler, Wausau, Wis.....	Contains artificial coloring and boric acid or a salt thereof.
Oct. 21	Sausage	Kieffer Bros., Wausau, Wis.....	Contains artificial coloring and boric acid or a salt thereof.
Oct. 21	Hamburger	Chas. Geisler, Chippewa Falls, Wis.....	Contains a salt of sulphurous acid.
Nov. 1	Hamburger	L. Ritzenger, Chippewa Falls, Wis.....	Contains a salt of sulphurous acid.
Nov. 1	Hamburger	L. Ritzenger, Chippewa Falls, Wis.....	Contains a salt of sulphurous acid.
Nov. 1	Sausage	Kalk Bros., Chippewa Falls, Wis.....	Contains artificial coloring and boric acid or a salt thereof.
Nov. 1	Hamburger	L. Bischel, Chippewa Falls, Wis.....	Contains a salt of sulphurous acid.
Nov. 1	Hamburger	Boehm Bros., Chippewa Falls, Wis.....	Contains a salt of sulphurous acid.
Nov. 1	Sausage	Boehm Bros., Chippewa Falls, Wis.....	Contains boric acid or a salt thereof.
Nov. 28	Sausage	J. Blassius, Eau Claire, Wis.....	Contains boric acid or a salt thereof.
Nov. 28	Frankfurters	L. E. Cranie, Eau Claire, Wis.....	Contains boric acid or a salt thereof.
Nov. 28	Sausage	A. J. Kitzman, Eau Claire, Wis.....	Contains boric acid or a salt thereof.
Nov. 28	Sausage	Seyberth & Neuser, Eau Claire, Wis.....	Contains boric acid or a salt thereof.
Nov. 28	Sausage	R. Kleiner, Eau Claire, Wis.....	Contains boric acid or a salt thereof.
Nov. 28	Sausage	J. Welch, Eau Claire, Wis.....	Contains boric acid or a salt thereof.
Nov. 28	Sausage	Chris. Diefenbach, Eau Claire, Wis.....	Contains a salt of sulphurous acid.
Nov. 28	Hamburger	Seyberth & Neuser, Eau Claire, Wis.....	Contains a salt of sulphurous acid.
Nov. 28	Sausage	Walter & Alf, Eau Claire, Wis.....	Contains boric acid or a salt thereof and artificial color

ADULTERATED CHOPPED MEATS AND SAUSAGES—Continued.

Date	Sample.	Purchased of or Submitted by.	Remarks.
1905			
Nov. 28	Hamburger steak	L. Ritzenger, Eau Claire, Wis.	Contains a salt of sulphurous acid.
Nov. 28	Hamburger steak	F. Kleiner, Eau Claire, Wis.	Contains a salt of sulphurous acid.
Nov. 28	Hamburger steak	M. O. Soley, Eau Claire, Wis.	Contains a salt of sulphurous acid.
Nov. 28	Hamburger steak	A. J. Kitzman, Eau Claire, Wis.	Contains a salt of sulphurous acid.
Nov. 28	Hamburger steak	R. Kleiner, Eau Claire, Wis.	Contains a salt of sulphurous acid.
Nov. 28	Hamburger steak	John Fredin, Eau Claire, Wis.	Contains a salt of sulphurous acid.
Nov. 28	Hamburger steak	J. P. Meyer, Eau Claire, Wis.	Contains a salt of sulphurous acid.
Nov. 28	Hamburger steak	Seyberth & Neuser, Eau Claire, Wis.	Contains a salt of sulphurous acid.
Dec. 19	Pork sausage meat	Lund & Co., Amery, Wis.	Contains a salt of sulphurous acid.
Dec. 19	Pork sausage meat	Wm. Busch, Spooner, Wis.	Contains a salt of sulphurous acid.
1904			
Oct. 1	Sausage	A. Goerl, Milwaukee, Wis.	Contains artificial coloring and boric acid or its salt.
Oct. 1	* Bologna sausage	Mrs. J. K. Powell, Milwaukee, Wis.	Contains artificial coloring and boric acid or its salt.
1906			
Jan. 3	Hamburger steak	Peter Hocom, Cumberland, Wis.	Contains a salt of sulphurous acid.
Jan. 3	Hamburger steak	W. T. Dore & Co., Cumberland, Wis.	Contains a salt of sulphurous acid.
Jan. 13	Hamburger steak	Johnson Bros., Hudson, Wis.	Contains a salt of sulphurous acid.
Jan. 13	Hamburger steak	A. G. Lunden, Hudson, Wis.	Contains a salt of sulphurous acid.
Feb. 9	Hamburger steak	R. Kessling, Medford, Wis.	Contains a salt of sulphurous acid.
Feb. 14	Hamburger steak	Independent Mkt. Ashland, Wis.	Contains a salt of sulphurous acid.
Feb. 16	Hamburger steak	Sever Larsen, Washburn, Wis.	Contains a salt of sulphurous acid.
Mch. 17	Hamburger steak	Hobson & Walsh, Iron River, Wis.	Contains a salt of sulphurous acid.
Mch. 20	Hamburger steak	Grimsrud Mkt. Superior, Wis.	Contains a salt of sulphurous acid.
Mch. 20	Hamburger steak	R. D. McEwert, Superior, Wis.	Contains a salt of sulphurous acid.
Mch. 21	Hamburger steak	Anthony Metzger, Superior, Wis.	Contains a salt of sulphurous acid.
Apr. 25	Hamburger steak	A. R. Hallam, Superior, Wis.	Contains a salt of sulphurous acid.
Apr. 25	Hamburger steak	M. C. Grimsrud, Superior, Wis.	Contains a large amount of sulphites.
Apr. 25	Hamburger steak	Sauter & Co., Superior, Wis.	Contains a salt of sulphurous acid.
Apr. 25	Hamburger steak	Anderson Bros., Superior, Wis.	Contains a salt of sulphurous acid.
Apr. 25	Hamburger steak	O. G. Tumison, Superior, Wis.	Contains a salt of sulphurous acid.
Apr. 25	Hamburger steak	Mireski Bros., Superior, Wis.	Contains a salt of sulphurous acid.
Apr. 25	Sausage	E. F. Moe, Superior, Wis.	Contains boric acid or a salt thereof.
Apr. 25	Sausage	A. E. Blomquist, Superior, Wis.	Contains boric acid or a salt thereof.
Apr. 25	Sausage	O. G. Tumison, Superior, Wis.	Contains boric acid or a salt thereof.

ADULTERATED CHOPPED MEATS AND SAUSAGES—Continued.

Date.	Sample.	Purchased of or Submitted by.	Remarks.
1906.			
Apr. 27	Sausage	Nels Swanson, Ashland, Wis.	Contains a salt of sulphurous acid and boric acid or a salt thereof.
Apr. 27	Sausage	Nels Swanson, Ashland, Wis.	Contains boric acid or a salt thereof.
Apr. 27	Sausage	Layman & Sprague, Mellen, Wis.	Contains boric acid or a salt thereof.
Apr. 27	Hamburger steak	Lightner & Schindler, Ashland, Wis.	Contains a salt of sulphurous acid.
Apr. 27	Sausage	W. Walter, Hurley, Wis.	Contains boric acid or a salt thereof.
Apr. 27	Sausage	J. A. Becker, Hurley, Wis.	Contains boric acid or a salt thereof.
Apr. 27	Sausage	Peterson Bros., Hurley, Wis.	Contains boric acid or a salt thereof.
Apr. 28	Sausage	Nels Swanson, Ashland, Wis.	Contains artificial coloring.
Apr. 27	Hamburger steak	Peterson Bros., Hurley, Wis.	Contains a large amount of sulphites.
Apr. 28	Hamburger steak	N. Henten, Ashland, Wis.	Contains a salt of sulphurous acid.
Apr. 28	Hamburger steak	Chas. Rood, Ashland, Wis.	Contains a salt of sulphurous acid.
Apr. 28	Hamburger steak	Frank S. Dhooge, Ashland, Wis.	Contains a salt of sulphurous acid.
May 18	Sausage	S. A. Griewski, Ironwood, Mich.	Contains boric acid or a salt thereof.
May 18	Sausage	Peterson Bros., Hurley, Wis.	Contains boric acid or a salt thereof.
May 18	Sausage	Peterson Bros., Hurley, Wis.	Contains boric acid or a salt thereof.
May 18	Hamburger steak	Peterson Bros., Hurley, Wis.	Contains a salt of sulphurous acid.
June 5	Hamburger steak	Steinhoff, Stephens & Co., Platteville, Wis.	Contains a salt of sulphurous acid.
June 5	Sausage	Steinhoff, Stephens & Co., Platteville, Wis.	Contains a salt of sulphurous acid.
June 8	Hamburger steak	Huber & Rogers, Minocqua, Wis.	Contains a salt of sulphurous acid.

* Submitted.

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CHOPPED MEATS AND SAUSAGES PASSED AS LAWFUL.

Date	Sample.	Purchased of or Submitted by.
1904		
Oct. 21	Sausage	G. Yahn, Janesville, Wis.
Oct. 21	Sausage	C. J. Robinson, De Forest, Wis.
Oct. 21*	Pork sausage	A. Schmidt, De Forest, Wis.
Oct. 21*	Sausage meat	Jones Dairy Farm.
Oct. 21	Sausage	Jones Dairy Farm.
Dec. 22	Bologna sausage	Tony Loerke, Mauston, Wis.
Dec. 22	Bologna sausage	Chas. Beckman & Co., Mauston, Wis.
Dec. 23	Bologna sausage	A. & C. E. Farley, New Lisbon, Wis.
1905		
Apr. 19	Sausage	H. G. Emanuel, Marshfield, Wis.
Apr. 19	Sausage	Wenzel & Wenzel, Marshfield, Wis.
Apr. 19	Sausage	Blauer & Mess, Marshfield, Wis.
June 30	Sausage	F. A. Konsella, Stanley, Wis.
June 30	Sausage	Frank Smith, Stanley, Wis.
June 30	Sausage	Long & Ness, Stanley, Wis.
Aug. 16	Chopped meat	W. H. Hintzen, Madison, Wis.
Aug. 16	Sausage	J. Kleuter, Madison, Wis.
Aug. 16	Sausage	W. Pammesberger, Madison, Wis.
Aug. 16	Sausage	Kemmer Bros., Madison, Wis.
Aug. 16	Sausage	W. Hiney, Madison, Wis.
Aug. 16	Sausage	Chas. Haeffner, Madison, Wis.
Aug. 16	Sausage	W. C. Stehr, Madison, Wis.
Aug. 16	Sausage	Walter & Schulz, Madison, Wis.
Aug. 16	Sausage	Scheler Bros., Madison, Wis.
Aug. 16	Sausage	A. E. Gilbert, Madison, Wis.
Aug. 16	Sausage	P. C. Scherer, Madison, Wis.
Aug. 16	Chopped meat	W. C. Stehr, Madison, Wis.
Aug. 16	Chopped meat	C. F. Jordan, Madison, Wis.
Aug. 16	Chopped meat	Schwogler Bros., Madison, Wis.
Aug. 16	Chopped meat	W. Pammesberger, Madison, Wis.
Sept. 19	Sausage	Schmidt & Braun, Madison, Wis.
Oct. 2	Sausage	B. E. Brown, Baraboo, Wis.
Oct. 2	Sausage	Lueck, Janesville, Wis.
Oct. 2	Sausage	J. R. Sheldon & Sons, Janesville, Wis.
Oct. 2	Sausage	J. Schoof, Janesville, Wis.
Oct. 2	Sausage	G. Thorp, Janesville, Wis.
Oct. 2	Sausage	Kronitz Bros., Janesville, Wis.
Oct. 2	Sausage	Lowell Co., Janesville, Wis.
Oct. 2	Pork sausage	Lowell Co., Janesville, Wis.
Oct. 2	Sausage	Geo. Yahn, Janesville, Wis.
Oct. 2	Sausage	W. T. Schofield, Janesville, Wis.
Oct. 2	Sausage	T. F. Courtney, Janesville, Wis.
Oct. 2	Chopped meat	Yahr Bros., Janesville, Wis.
Oct. 2	Sausage	Yahr Bros., Janesville, Wis.
Oct. 2	Steak	W. A. Murray, Janesville, Wis.
Oct. 3	Sausage	State Prison, Waupun.
Oct. 3	Hamburger steak	W. J. Pendeon, Waupun.
Oct. 6	Sausage	Dougherty Bros., Boscobel, Wis.
Oct. 6	Hamburger	Dougherty Bros., Boscobel, Wis.
Oct. 6	Sausage	T. Tully, Boscobel, Wis.
Oct. 6	Sausage	P. J. Hoff, Boscobel, Wis.
Oct. 12	Hamburger steak	C. Faust, Mayville, Wis.
Oct. 12	Hamburger steak	Robt. Lengenbach, Mayville, Wis.
Oct. 12	Sausage	C. Faust, Mayville, Wis.
Oct. 12	Sausage	G. Schaumberg, Mayville, Wis.
Oct. 12	Sausage	Robt. Lengenbach, Mayville, Wis.
Oct. 13	Sausage	L. Bonino, Appleton, Wis.
Oct. 13	Sausage	Chas. McCray, Appleton, Wis.
Oct. 13	Sausage	G. G. Demd, Appleton, Wis.
Oct. 13	Sausage	Geo. Munster, Appleton, Wis.
Oct. 13	Sausage	Theo. Wentink, Appleton, Wis.
Oct. 13	Sausage	Merkel & Boehm, Appleton, Wis.
Oct. 13	Hamburger	Geo. Munster, Appleton, Wis.
Oct. 13	Hamburger	Voech Bros., Appleton, Wis.
Oct. 13	Hamburger	R. Lehrer, Appleton, Wis.
Oct. 13	Hamburger	F. Peterson, Jr., Appleton, Wis.
Oct. 13	Hamburger	Jos. Dorn, Appleton, Wis.

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CHOPPED MEATS AND SAUSAGES PASSED AS LAWFUL—Continued.

Date	Samples.	Purchased of or Submitted by.
1905		
Oct. 13	Hamburger	L. Bonini, Appleton, Wis.
Oct. 13	Hamburger	Alex Robesean, Appleton, Wis.
Oct. 13	Sausage	Voech Bros., Appleton, Wis.
Oct. 13	Sausage	F. R. Stoffel, Appleton, Wis.
Oct. 13	Sausage	C. Wentink, Appleton, Wis.
Oct. 13	Sausage	C. Wentink, Appleton, Wis.
Oct. 13	Sausage	F. Peterson, Jr., Appleton, Wis.
Oct. 13	Sausage	Jos. Dorn, Appleton, Wis.
Oct. 13	Sausage	L. Bonini, Appleton, Wis.
Oct. 13	Sausage	Alex Robesean, Appleton, Wis.
Oct. 16	Sausage	H. F. Hein, Janesville, Wis.
Oct. 16	Sausage	W. F. Carle, Janesville, Wis.
Oct. 21	Sausage	C. Wartman, Wausau, Wis.
Oct. 21	Sausage	Pfeffer & Kleiske, Wausau, Wis.
Oct. 21	Sausage	Geo. Young, Wausau, Wis.
Oct. 21	Hamburger steak	Kieffer Bros., Wausau, Wis.
Nov. 1	Hamburger steak	Handt Bros., Chippewa Falls, Wis.
Nov. 1	Hamburger steak	Handt Bros., Chippewa Falls, Wis.
Nov. 1	Hamburger steak	Fred Rodegan, Chippewa Falls, Wis.
Nov. 1	Sausage	Handt Bros., Chippewa Falls, Wis.
Nov. 1	Sausage	J. J. McGilvray, Chippewa Falls, Wis.
Nov. 1	Sausage	Fred Rodegan, Chippewa Falls, Wis.
Nov. 1	Sausage	Handt Bros., Chippewa Falls, Wis.
Nov. 1	Sausage	Kienietz & Handt, Chippewa Falls, Wis.
Nov. 1	Sausage	L. Bischel, Chippewa Falls, Wis.
Nov. 1	Sausage	Fred Rodegan, Chippewa Falls, Wis.
Nov. 28	Sausage	Seyberth & Neuser, Eau Claire, Wis.
Nov. 28	Sausage	John Fredin, Eau Claire, Wis.
Nov. 28	Sausage	J. P. Meyer, Eau Claire, Wis.
Nov. 28	Sausage	Alb. F. Schwan, Eau Claire, Wis.
Nov. 28	Sausage	Ole A. Falstad, Eau Claire, Wis.
Nov. 28	Sausage	Geo. M. Betz, Eau Claire, Wis.
Nov. 28	Sausage	M. O. Soley, Eau Claire, Wis.
Nov. 28	Sausage	F. Kleiner, Eau Claire, Wis.
Nov. 28	Sausage	Goethel Bros., Eau Claire, Wis.
Nov. 28	Sausage	Jas. M. Looby, Eau Claire, Wis.
Nov. 28	Sausage	L. Ritzenger, Eau Claire, Wis.
Nov. 28	Hamburger steak	Alb. F. Schwahn, Eau Claire, Wis.
Nov. 28	Hamburger steak	J. Welch, Eau Claire, Wis.
Nov. 28	Hamburger steak	Ole A. Falstad, Eau Claire, Wis.
Nov. 28	Hamburger steak	Geo. M. Betz, Eau Claire, Wis.
Nov. 28	Hamburger steak	Walter & Alf, Eau Claire, Wis.
Nov. 28	Hamburger steak	Jas. H. Looby, Eau Claire, Wis.
Nov. 28	Bologna sausage	Goethel Bros., Eau Claire, Wis.
Dec. 16	Bologna sausage	Wm. Busch, Spooner, Wis.
Dec. 23	Pork sausage	A. Ostrand, Menomonie, Wis.
Dec. 23	Pork sausage	Infeldt & Strand, Menomonie, Wis.
Dec. 23	Pork sausage	Fritz Crouse, Menomonie, Wis.
Dec. 23	Pork sausage	Moon & Telfson, Menomonie, Wis.
Dec. 23	Hamburger Steak	J. Holsten, Menomonie, Wis.
1906		
Jan. 23	Bologna sausage	J. H. Runge, Elmwood, Wis.
Jan. 23	Bologna sausage	F. H. Zasko, Hudson, Wis.
Feb. 6	Sausage	F. H. Zasko, Hudson, Wis.
Feb. 6	Bologna sausage	Herman Friess, Thorp, Wis.
Feb. 6	Sausage	Herman Friess, Thorp, Wis.
Feb. 10	Hamburger steak	A. Sorinson Co., Abbotsford, Wis.
Feb. 10	Sausage	A. Sorinson Co., Abbotsford, Wis.
Feb. 10	Sausage	Ed. Austin, Abbotsford, Wis.
Feb. 10	Sausage	A. T. Graber, Mineral Point, Wis.
Feb. 13	Sausage	F. Miller, Merrill, Wis.
Feb. 13	Sausage	Wm. Giller, Merrill, Wis.
Feb. 14	Bologna sausage	Ashland Market, Ashland, Wis.
Feb. 14	Hamburger steak	G. & A. Stenz, Ashland, Wis.
Feb. 14	Hamburger steak	Jule Tillman, Merrill, Wis.
Feb. 14	Sausage	Jule Tillman, Merrill, Wis.

CHOPPED MEATS AND SAUSAGES PASSED AS LAWFUL—Continued.

Date.	Sample of.	Purchased of or submitted by.
1906.		
Feb. 14	Hamburger steak	Thielman Co., Merrill, Wis.
Feb. 14	Sausage	Thielman Co., Merrill, Wis.
Feb. 15	Sausage	A. M. Davidson, Waupun, Wis.
Feb. 16	Bologna sausage	Sever Swanson, Washburn, Wis.
Feb. 16	Hamburger steak	Brouns & Ladle, Bayfield, Wis.
Feb. 16	Hamburger steak	John Kransfiedler, Bayfield.
Feb. 20	Sausage	Henry Anderson, Cambridge.
Mar. 6	Sausage	F. Schock, Waukesha.
Mar. 15	Sausage	F. Schock, Waukesha.
Mar. 15	Bologna sausage	A. Winzenried, Waukesha.
Mar. 15	Bologna sausage	Fred Dick, Waukesha.
Mar. 15	Bologna sausage	Hobson & Walsh, Iron River.
Mar. 20	Hamburger steak	Andrew Johnson, Superior.
Mar. 20	Hamburger steak	Carlson & Cullum, Superior.
Apr. 11	Chopped meat	J. C. Clink, Berlin.
Apr. 11	Bologna sausage	M. Wachjewski, Berlin.
Apr. 25	Sausage	Ed. Lauctot, Superior.
Apr. 25	Sausage	Geo. H. Seldon, Superior.
Apr. 25	Sausage	John Polak, Superior.
Apr. 25	Sausage	M. C. Grimsrud, Superior.
Apr. 25	Sausage	Martin Thorp, Superior.
Apr. 25	Sausage	H. J. Erbeling & Co., Superior.
Apr. 25	Sausage	Superior Meat Co., Superior.
Apr. 25	Sausage	Cullen & Carlson, Superior.
Apr. 25	Sausage	Johnson & Erickson, Superior.
Apr. 25	Sausage	Twenty-first Independent Market, Sup.
Apr. 25	Sausage	Sauter & Co., Superior.
Apr. 25	Sausage	Mireski Bros., Superior.
Apr. 25	Sausage	A. T. Erickson, Superior.
Apr. 25	Sausage	Derrow Bros. Co., Superior.
Apr. 25	Sausage	Garrity's Meat Co., Superior.
Apr. 25	Sausage	Anderson Bros., Superior.
Apr. 25	Sausage	A. R. Hellam, Superior.
Apr. 25	Sausage	H. Lowe, Superior.
Apr. 25	Sausage	C. C. Grimsrud, Superior.
Apr. 25	Sausage	C. C. Grimsrud, Superior.
Apr. 25	Sausage	Grimsrud Bros., Superior.
Apr. 26	Hamburger steak	S. E. Swanson, Washburn.
Apr. 26	Hamburger steak	Krausfiedler Bros., Bayfield.
Apr. 26	Hamburger steak	Brouns & Lodle, Bayfield.
Apr. 26	Sausage	Brouns & Lodle, Bayfield.
Apr. 26	Sausage	Geo. Anderson, Washburn.
Apr. 26	Sausage	F. Fetzner, Washburn.
Apr. 26	Sausage	Larson Bros., Washburn.
Apr. 25	Hamburger steak	H. J. Erbeling, Superior.
Apr. 25	Hamburger steak	Superior Independent Meat Co., Sup'r.
Apr. 25	Hamburger steak	Martin Thorpe, Superior.
Apr. 25	Hamburger steak	Geo. Thorpe, Superior.
Apr. 25	Hamburger steak	Johnson & Erickson, Superior.
Apr. 25	Hamburger steak	Twenty-first Independent Market, Sup.
Apr. 25	Hamburger steak	Garrity's Meat Co., Superior.
Apr. 25	Hamburger steak	C. A. Johnson, Superior.
Apr. 25	Hamburger steak	H. Lowe, Superior.
Apr. 25	Hamburger steak	A. E. Blomquist, Superior.
Apr. 25	Hamburger steak	Grimsrud Bros., Superior.
Apr. 25	Hamburger steak	E. F. Moe, Superior.
Apr. 26	Sausage	S. E. Swanson, Washburn.
Apr. 27	Sausage	John C. Roehm, Ashland.
Apr. 27	Sausage	H. G. Saussele, Ashland.
Apr. 27	Sausage	Miesi Kazinkewicz, Ashland.
Apr. 27	Sausage	O. H. Berg & Son, Ashland.
Apr. 27	Sausage	G. & A. Stenz, Ashland.
Apr. 27	Sausage	J. A. Becker, Hurley.
Apr. 27	Hamburger steak	W. Walter, Hurley.
Apr. 27	Hamburger steak	H. G. Saussele, Ashland.
Apr. 27	Hamburger steak	Hendricks Hausane, Ashland.
Apr. 27	Hamburger steak	D. H. Berg & Son, Ashland.
Apr. 27	Hamburger steak	Miesi Kazinkewicz, Ashland.
Apr. 27	Hamburger steak	G. & A. Stenz, Ashland.

CHOPPED MEATS AND SAUSAGES PASSED AS LAWFUL—Continued.

Date.	Sample of.	Purchased of or submitted by.
1906.		
Apr. 27	Sausage	Frank Hmielewski, Ashland.
Apr. 27	Sausage	S. Marx & Son, Ashland.
Apr. 27	Sausage	Hendricks & Hausane, Ashland.
Apr. 27	Sausage	Lightner & Schindler, Ashland.
Apr. 28	Hamburger steak	Nels Swanson, Ashland.
Apr. 28	Hamburger steak	Thiese & Mason, Ashland.
Apr. 28	Sausage	John Pufall, Ashland.
Apr. 28	Sausage	N. Henten, Ashland.
Apr. 28	Sausage	Frank Dhooge, Ashland.
Apr. 28	Sausage	Thiese & Mason, Ashland.
Apr. 28	Sausage	Anton Aronson, Ashland.
May 10	Hamburger steak	Sauter & Co., Superior.
May 18	Sausage	J. A. Becker, Hurley.
May 18	Sausage	J. A. Becker, Hurley.
May 18	Hamburger steak	S. A. Griewski, Ironwood, Mich.
June 5	Veal loaf	Steinhoff, Stevens & Co., Platteville.
June 5	Sausage	Steinhoff, Stevens & Co., Platteville.
June 5	Sausage	Turrell & Horder, Platteville.
June 5	Hamburger steak	Turrell & Horder, Platteville.
June 5	Sausage	Turrell & Horder, Platteville.
June 5	Veal loaf	Turrell & Horder, Platteville.
June 8	Chopped sausage	Huber & Rogers, Minocqua.
June 8	Bologna sausage	Huber & Rogers, Minocqua.
June 9	Chopped sausage	W. I. Morgan, Rhinelander.
June 9	Chopped sausage	W. Chatterton, Rhinelander.
June 9	Hamburger steak	Fred Langloes, Rhinelander.
June 15	Hamburger steak	Lund & Co., Amery.
June 15	Sausage	L. Grosse, Amery.
June 15	Bologna sausage	Lund & Co., Amery.

OTHER MEATS AND MEAT PRODUCTS.

Date.	Sample.	Purchased of or submitted by	Remarks.
1904.			
Nov. 26*	Meat	Aug. Schulz, Madison	No preservatives found.
Dec. 15	Rump beef in brine.....	Menz & Garthwait, Milton Junction.....	Contains boric acid or borax. An adulteration.
1905.			
Oct.	3* Beef, hind quarter.....	State Prison, Waupun.....	Passed.
Oct.	3* Beef, hind quarter.....	State Prison, Waupun.....	Passed.
Oct.	3* Beef, hind quarter.....	State Prison, Waupun.....	Passed.
Oct.	3* Beef, fore quarter.....	State Prison, Waupun.....	Passed.
Oct.	3* Beef, fore quarter.....	State Prison, Waupun.....	Passed.
Oct.	3* Beef, fore quarter.....	State Prison, Waupun.....	Passed.
Oct.	3* Beef, fore quarter.....	State Prison, Waupun.....	Passed.
July 29*	Dried codfish	Scholer & Funck, Kenosha	Contains boric acid or a salt thereof. Not lawful.
1906.			
Jan. 9*	Codfish	Perkins Bros., Kenosha.....	Contains boric acid or a salt thereof. Not lawful.
Jan. 11*	Codfish	Geo. Hale & Son, Kenosha.....	Contains boric acid or a salt thereof. Not lawful.
Jan. 11*	Codfish	O. R. Pieper & Co., Milwaukee.....	Contains boric acid or a salt thereof. Not lawful.

* Submitted.

MILKS.

Of the 507 milk samples reported below, 190 were pronounced unlawful, being either below the legal standard of 3% in milk fat or below that of 8½% in solids not fat (these conditions being generally due to skimming or watering or both), while in three instances preservatives were present. This proportion of unlawful samples does not by any means represent the true condition of the Wisconsin milk supply, since almost all the samples analyzed were suspected of being adulterated.

Sixty of the adulterated samples were taken by inspectors of the commission from city milk supplies, 115 were samples delivered by patrons at creameries and cheese factories, while 18 were submitted by persons outside of the commission. Of samples submitted by inspectors as suspicious, 72% were found unlawful. In most cases where milks below legal standard had been delivered at creameries or cheese factories, barn samples were collected as soon as possible, these being drawn in the presence of the inspectors; 141 such samples were analyzed and in almost all cases proved conclusively that the deficiency in fat or solids not fat was due to skimming or watering. In a few instances, however, especially during the month of May, herds were found whose mixed milk was slightly below the legal standards. The poorest herd milk so found contained 2.8% of fat and 8.0% solids not fat, although the milk from one individual cow contained only 7.3% of solids not fat with a content of 2.8% of fat.

Besides those summarized below, a very large number of milks from city milk supplies were analyzed for chemical preservatives, with positive results in only four samples furnished by two dealers, two containing formaldehyde, the other two borax.

UNLAWFUL MILKS FROM CITY MILK SUPPLIES.

Date.	Dealer.	Sp. Gr.	Per cent. fat.	Per cent. total solids	Per cent. solids not fat.	Remarks.
1905.						
Apr. 27	Wm. Podeweltz, Merrill.....	1.0325	3.2	.....	.....	Contains formaldehyde.
Apr. 27	Wm. Podeweltz, Merrill.....	1.0325	3.2	.....	.....	Contains formaldehyde.
May 10	American House, Green Bay.....	.....	1.35	7.45	6.10	Watered and skimmed.
May 17	F. O. Hodsdon, Stevens Point.....	1.0323	3.8	.....	.....	Contains borax.
May 17	F. O. Hodsdon, Stevens Point.....	1.035	3.9	.....	.....	Contains borax, 0.166 per cent.
May 17	Eichhorst Bros., Stevens Point.....	1.0305	4.0	.....	.....	Milk very dirty.
June 13	Tisch House, Palmyra.....	1.013	4.1	.....	.....	Probably a mixture of watered milk and cream.
June 8	R. Schimming, Madison.....	1.027	3.0	10.5	7.5	Watered. See barn sample.
1906.						
Jan. 26	Geo. Harison, La Crosse.....	1.0325	2.8	11.55	8.8	
Jan. 26	W. Delphemis & Kneisel, La Crosse.....	.....	3.2	10.79	7.59	
Jan. 26	C. Heldrich, La Crosse.....	.....	3.0	11.13	8.13	
Jan. 30	Splinter Bros., Milwaukee.....	1.0323	2.95	11.6	8.65	
Jan. 30	Splinter Bros., Milwaukee.....	1.0305	3.2	11.5	8.3	
Jan. 30	W. Dobratz, Wauwatosa.....	1.0305	3.4	11.77	8.27	
Jan. 30	A. Ische, Milwaukee.....	1.028	3.4	11.44	8.04	
Jan. 30	John Trapp, Milwaukee.....	1.030	3.6	11.8	8.2	
Jan. 30	Wm. O'Connor, Milwaukee.....	1.032	2.9	11.47	8.57	
Jan. 30	Wm. Kraatz, Milwaukee.....	1.0303	2.95	11.20	8.25	
Jan. 30	Splinter Bros., Milwaukee.....	1.0320	2.8	11.3	8.55	
Jan. 30	T. Wilke, Milwaukee.....	1.0291	2.85	10.79	7.94	
Jan. 30	T. Conlin, Milwaukee.....	1.0304	2.8	10.8	8.0	
Jan. 30	M. C. Behling, Milwaukee.....	1.0272	3.05	10.5	7.45	
Jan. 30	Louis Gruebling, Milwaukee.....	1.0265	3.35	10.85	7.50	
Jan. 30	A. L. Ische, Milwaukee.....	1.0273	3.5	11.4	7.9	
Jan. 30	F. Mintzlaff, Milwaukee.....	1.0236	3.6	10.38	6.78	
Jan. 31	A. J. Fuchs, Milwaukee.....	1.025	3.2	10.06	6.86	
Jan. 31	James Nowoty, Milwaukee.....	1.0239	3.6	11.7	8.1	
Jan. 31	Hartford Milk Co., Milwaukee.....	1.0323	2.85	11.7	8.85	
Jan. 31	J. Scherkenbach, Milwaukee.....	1.0236	3.2	11.24	8.04	
Jan. 31	W. Froemming, Milwaukee.....	1.0249	3.4	10.3	6.9	
Jan. 31	A. J. Fuchs, Milwaukee.....	1.0243	3.15	9.83	6.65	

UNLAWFUL MILKS FROM CITY MILK SUPPLIES—Continued.

Date.	Dealer.	Sp. Gr.	Per cent. fat.	Per cent. total solids.	Per cent. solids. not fat.	Remarks.
1906.						
Jan. 31	A. Brockman, Milwaukee.....	1.0290	3.45	11.18	7.73	
Jan. 31	D. Sheehan, Milwaukee.....	1.0278	3.0	10.75	7.75	
Jan. 31	Albert Sahr, Milwaukee.....	1.026	3.35	10.5	7.15	
Jan. 31	L. S. Learnard, Milwaukee.....	1.0321	2.45	10.95	8.50	
Feb. 8	John Zink, South Kaukauna.....	1.0352	2.3			
Feb. 9	H. C. Keets, Appleton.....	1.026	4.1	11.9	7.8	
Feb. 13	Aherns Bros., Prairie du Chien.....	1.0298	3.0	11.25	8.25	
Feb. 15	G. S. Hockstra, Sheboygan.....	1.033	2.5	11.3	8.8	
Feb. 15	G. S. Hockstra, Sheboygan.....	1.034	1.8			
Feb. 15	Herman Bros., Sheboygan.....	1.0308	2.8	10.9	8.1	
Feb. 16	Joe Herzog, Manitowoc.....	1.0253	2.85	9.6	6.75	
Feb. 27	E. B. Jones, Fond du Lac.....	1.0325	2.4			
Feb. 28	Frank Doemel, Oshkosh.....	1.0285	3.15	10.70	7.55	
Feb. 28	Aug. Kargus, Oshkosh.....	1.0312	2.8	11.35	8.55	
Feb. 28	Geo. Sparks, Oshkosh.....	1.0295	3.05	10.90	7.85	
Mar. 2	John Jacobson, Grand Rapids.....	1.0258	3.75	11.09	7.34	
Mar. 3	Waukesha Milk Co., Milwaukee.....	1.032	2.55	11.1	8.55	
Mar. 8	Fenton Nacter, Prairie du Chien.....	1.0321	2.6			
Mar. 21	C. Peterka, Racine.....	1.0295	3.05	11.20	8.15	
Mar. 27	T. J. Paulson, Superior.....	1.034	2.65			
Mar. 27	John Gunderson, Superior.....	1.0346	3.0			
Mar. 27	Aug. Larson, Superior.....	1.027	4.1	11.8	7.7	
Mar. 28	Albert Kern, Peshtigo.....	1.0345	2.1	11.3	9.2	
Mar. 28	Chas. Boe, Peshtigo.....	1.0265	3.4	10.63	7.22	
Mar. 29	John Helm, Ashland.....	1.029	3.5	11.5	8.0	
Apr. 4	Wm. Podewiltz, Merrill.....	1.0347	2.7			
Apr. 6	Chas. Morgenrath, Wausau.....	1.032	2.7			
Apr. 24	W. D. Owens, Oshkosh.....	1.026	3.0	9.78	6.78	
Apr. 24	Aug. Kargus, Oshkosh.....	1.0323	2.05			

UNLAWFUL MILKS DELIVERED TO CREAMERIES OR CHEESE FACTORIES.

Date.	Producer.	Delivered to	Sp. Gr.	Per cent fat.	Per cent total solids.	Per cent solids not fat.	Remarks.
1904.							
July 2	John Pinter	Orth & Bosin Cheese Factory.....	1.024	3.0	9.74	6.74	Watered.
July 6	Jno. Legler		1.0239	2.65	10.57	7.92	
July 6	Wohlwend		1.0308	2.85	11.30	8.45	
July 15	Math. Thorn						
July 15	J. Elsinger	A. Aufdermauer Cheese Factory, St. Lawrence	1.029	3.5	11.6	8.1	Watered. sample. See barn
July 15	A. Weis	A. Aufdermauer Cheese Factory, St. Lawrence	1.0268	3.4	10.9	7.5	
July 15	Jacob Olhafen	A. Aufdermauer Cheese Factory, St. Lawrence		2.4			Watered. sample. See barn
July 15	F. Krenn	A. Aufdermauer Cheese Factory, St. Lawrence	1.0325	2.85	11.67	8.82	
July 15	Max. Mayer	A. Aufdermauer Cheese Factory, St. Lawrence	1.0323	2.05	10.71	8.66	
July 15	Martin Wehner	A. Aufdermauer Cheese Factory, St. Lawrence	1.027	3.6	11.2	7.6	
July 15	Max. Mayer	A. Aufdermauer Cheese Factory, St. Lawrence	1.023	3.75	10.40	6.65	Watered. sample. See barn
July 15	Wm. Gehring	A. Aufdermauer Cheese Factory, St. Lawrence	1.027	2.45	9.83	7.38	
July 15	A. Schawatz	A. Aufdermauer Cheese Factory, St. Lawrence	1.0297	3.25	11.50	8.25	Watered. sample. See barn
July 15	A. Sell	A. Aufdermauer Cheese Factory, St. Lawrence	1.0323	2.4	11.1	8.7	
July 15	Lee Hemingfield	Ives Grove Creamery, Ives Grove.....	1.0315	2.9	11.5	8.6	Watered. sample. See barn
Oct. 21	Jos. Pachel	Cold Spring Cheese Factory, Reeseville...	1.0256	2.95	10.10	7.15	
Oct. 21	John McGovern	Cold Spring Cheese Factory, Reeseville...	1.0142	2.20	6.34	4.14	
Oct. 21	Christ Kohn	Cold Spring Cheese Factory, Reeseville...	1.0256	4.05	11.4	7.35	

UNLAWFUL MILKS DELIVERED TO CREAMERIES OR CHEESE FACTORIES—Continued.

Date.	Producer.	Delivered to.	Sp. Gr.	Per cent fat.	Per cent total solids.	Per cent solids not fat.	Remarks.
1904.							
Oct. 21	H. McGovern	Cold Spring Cheese Factory, Reeseville...	1.0278	3.20	10.93	7.73	Watered.
Oct. 21	Fred Kols	Cold Spring Cheese Factory, Reeseville....	1.0273	3.65	11.35	7.70	Watered. See barn sample.
Dec. 17	Gus. Zick	Clinton Creamery, Clinton	1.031	1.7	9.93	8.23	Watered. See barn sample.
Dec. 17	Chas. Zick	Clinton Creamery, Clinton	1.0285	2.2	9.9	7.7	
1905.							
Mar. 15	Mrs. C. Zurkofske, Wales.....	.....	.....	3.4	11.50	8.1	
Apr. 12	Fred Pieper, Columbus.....	G. W. Scott Cheese Factory, Columbus...	1.029	2.6	.....	.....
Apr. 12	Fred Schafer, Columbus.....	G. W. Scott Cheese Factory, Columbus...	1.0285	2.4	.....	.....
Apr. 19	Fred Tornow, Hustisford.....	Banner Brick Cheese Factory, Hustisford	1.0277	2.45	10.10	7.65	Watered.
Apr. 20	Wm. Schmidt	Golden Rule Brick Cheese Factory, Hus- tisford	1.029	2.8	10.8	8.0	Watered. See barn sample.
Apr. 21	Robert Giese	Northwestern Brick Cheese Factory, Dodge County	1.0231	2.20	8.55	6.35	Watered.
Apr. 21	August Kamrath	Northwestern Brick Cheese Factory, Dodge County	1.0313	2.8	11.3	8.5	Skimmed. See barn sample.
Apr. 21	August Fircks	Northwestern Brick Cheese Factory, Dodge County	1.0307	2.65	11.0	8.35	Skimmed. See barn sample.
Apr. 21	Anton Bach	Belke & Thomas, Beaver Dam.....	1.030	2.7	.....	.....
Apr. 21	John Zemlo	Belke & Thomas, Beaver Dam.....	1.031	2.85	.....	.....	Skimmed. See barn sample.
Apr. 21	Wm. Schafer	Belke & Thomas, Beaver Dam.....	1.0258	2.95	10.10	7.15	Watered. See barn sample.
Apr. 25	L. W. Burtis, Newark.....	.....	1.0272	3.05	10.62	7.57	Watered. See barn sample.
Apr. 25	J. Coomer, Brodhead.....	.....	1.031	2.8	11.5	8.7	
Apr. 25	A. St. John, Brodhead.....	.....	1.0305	2.7	11.1	8.4	

UNLAWFUL MILKS DELIVERED TO CREAMERIES OR CHEESE FACTORIES—Continued.

Date.	Producer.	Delivered to.	Sp. Gr.	Per cent fat.	Per cent total solids.	Per cent solids not fat.	Remarks.
1905.							
Apr. 28	F. Rossiter, Cainville.....	Footville Creamery	1.0235	2.75	9.3	6.55	Watered. See barn sample.
Apr. 29	L. Tolleffson	Spring Valley Creamery.....	1.0315	2.2	.....	.....
May 3	T. Paine, Bloomer.....	Bloomer Creamery	1.030	2.9	.....	.....
May 24	F. Wunrow, Appleton.....	.....	1.0265	2.6	9.88	7.28	Watered. See barn sample.
May 24	J. Schroeder, Appleton.....	.....	1.031	2.9	11.4	8.5	
June 1	J. Thomas, Cobb.....	.....	1.033	2.95	.....	.....
Aug. 15	Thos. Keho,	Star Cheese Fact., Rock Co.	1.0247	3.7	10.61	6.91	Watered. See barn sample.
Sept. 16	S. Pysbiski	Buckman Cheese Factory, Buckman.....	1.0275	3.15	11.22	8.07	Watered. See barn sample.
Sept. 16	Henry Hensel	Buckman Cheese Factory, Buckman.....	1.026	3.15	10.65	7.50	Watered. See barn sample.
Sept. 25	J. Chamberlain	Rhymer & Hutzell Cheese Factory, Albany	1.0222	2.6	9.37	6.77	Watered. See barn sample.
Dec. 6	Wm. Winch	Mazomanie Creamery Co., Mazomanie.....	1.020	2.9	8.6	5.7	Watered. See barn sample.
Dec. 6	E. Sheldon	Mazomanie Creamery Co., Mazomanie.....	1.023	4.0	10.7	6.7	Heavily watered. See barn sample.
1906.							
Jan. 24	L. Lerman	Ernest Bramer Cheese Factory, Hustisford	1.030	2.6	10.45	7.85	
Feb. 3	H. Affelt	C. A. Johnson Cheese Factory, Sugar Bush	1.0273	4.95	12.80	7.85	
Mar. 24	J. Korth	Newville Creamery, Waterloo, R. F. D.....	1.027	3.4	11.13	7.73	
Mar. 28	B. Ireland	Brown St. Cheese Factory, Oconomowoc, R. F. D.	1.0277	3.2	11.0	7.8	Watered. See barn sample.
Mar. 30	Mrs. M. Alexander.....	Mt. Hope Creamery, Mt. Hope.....	1.032	1.65	10.03	8.38	Skimmed. See barn sample.
Mar. 30	Mrs. Mary Nies.....	Mt. Hope Creamery, Mt. Hope.....	1.027	4.3	12.12	7.82	
Apr. 11	John Austin	Vernon Creamery, Vernon	1.027	2.8	10.06	7.26	Watered. See barn sample.
Apr. 19	Henry Schunckle	North Road Cheese Factory, Watertown..	1.0267	3.2	10.3	7.1	Watered. See barn sample.
Apr. 20	M. Flanagan	Mapleton Cheese Factory, Oconomowoc.....	.....	2.9	10.9	8.0	

UNLAWFUL MILKS DELIVERED TO CREAMERIES OR CHEESE FACTORIES—Continued.

Date.	Producer.	Delivered to.	Sp. Gr.	Per cent. fat.	Per cent. total solids.	Per cent. solids not fat.	Remarks.
1906.							
Apr. 25		Atwater Creamery, Atwater.....	1.030	2.8	11.0	8.2	
Apr. 27	J. Berg	Kuhn Cheese Factory, Rockfield.....	1.0285	2.9	10.9	8.0	Watered. See barn sample.
Apr. 27	Jacob Merten	Kuhn Cheese Factory, Rockfield.....	1.029	2.9	10.9	8.0	
Apr. 27	Wm. Griesmer	Kuhn Cheese Factory, Rockfield.....	1.0295	3.2	11.35	8.15	
Apr. 27	Chris Stark	Kuhn Cheese Factory, Rockfield.....	1.0295	2.95	11.07	8.12	
May 3	M. Warner	Johnson's Creek Creamery, Johnson's Creek	1.029	3.0	11.06	8.06	Watered. See barn samples.
May 3	B. Blankenheimer	Johnson's Creek Creamery	1.0287	3.4	11.38	7.98	Watered. See barn sample.
May 3	W. Gehler	Johnson's Creek Creamery, Johnson's Creek	1.0284	2.8	10.5	7.7	Watered. See barn sample.
May 3	H. Winter	Johnson's Creek Creamery, Johnson's Creek	1.025	3.15	10.26	7.11	Watered. See barn sample.
May 3	J. Warner	Johnson's Creek Creamery, Johnson's creek	1.0288	3.25	11.03	7.78	Watered. See barn samples.
May 3	Joe Stodola	W. M. Werth Cheese Factory, Leopolis...	1.0246	3.0	9.7	6.7	Watered. See barn sample.
May 3	Albert Ready	W. M. Werth Cheese Factory, Leopolis...	1.0287	2.9	10.6	7.7	Watered. See barn sample.
May 3	H. Bredlow	Creamery, Johnson's Creek.....	1.0286	3.8	11.77	7.97	
May 3	K. Kottke	Creamery, Johnson's Creek.....	1.0286	3.65	11.87	8.23	
May 3	A. Reetz	W. M. Werth Cheese Factory, Leopolis...	1.0307	2.9	11.3	8.4	Watered. See barn sample.
May 3	H. Raabe	Creamery, Johnson's Creek.....	1.0245	3.25	10.23	6.98	Watered. See barn sample.
May 3	A. Scheunke	Creamery, Johnson's Creek.....	1.0292	2.9	10.76	7.86	Watered. See barn sample.
May 4	Frank Zeman	J. Stemper Cheese Factory, Leopolis.....	1.0267	3.35	10.60	7.25	Watered. See barn sample.

UNLAWFUL MILK DELIVERED TO CREAMERIES OR CHEESE FACTORIES—Continued.

Date.	Producer.	Delivered to	Sp. Gr.	Per cent fat.	Per cent. total solids.	Per cent solids not fat.	Remarks.
1906							
May 4	Gabe Souseck	J. Stemper Cheese Factory, Leopolis.....	1.0291	2.7	10.3	7.6	Watered. sample. See barn
May 9	Wm. Kelling	Creamery, Johnson Creek	1.0255	3.10	9.97	6.97	Watered. sample. See barn
May 9	M. Magurin	Grunigan Cheese Factory, Black Creek....	1.032	2.6	11.25	8.65	
May 9	E. Hoss	Grunigan Cheese Factory, Black Creek....	1.0245	2.8	9.4	6.6	Watered. sample. See barn
May 9	Aug. Wilke	Ebenezer Creamery, Watertown, R. D.....	1.0338	2.9			
May 9	A. Naatz	Mansfield Creamery, Johnson Creek	1.0225	2.9	9.34	6.44	Waterford sample. See barn
May 9	J. Gehler	Mansfield Creamery, Johnson Creek	1.0223	3.15	9.54	6.39	Watered. sample. See barn
May 9	H. Brunk	Mansfield Creamery, Johnson Creek	1.028	3.15	10.74	7.59	Watered. sample. See barn
May 11	Peter Durst	Waterford Creamery, Waterford	1.0252	2.65	9.25	6.60	Watered. sample. See barn
May 11	G. Herther	Schleisingerville	1.026	2.7	9.9	7.2	Watered. sample. See barn
May 11	H. McMullan	L. C. Larson Cheese Factory, Seymour, R. D.	1.0335	2.75			
May 11	Wm. Abel	L. C. Larson Cheese Factory, Seymour, R. D.	1.032	2.8			Skimmed. sample. See barn
May 15	H. Capelle	Martens Cheese Factory, Spencer, R. D. 1.	1.029	3.2	11.2	8.0	
May 15	W. Mellenthin	Martens Cheese Factory, Spencer, R. D. 1.	1.0259	3.45	10.80	7.35	Watered. sample. See barn
May 16	T. J. Cunningham	Dover Creamery, Dover	1.0295	2.75	10.15	7.4	Watered. sample. See barn
May 18	John Simonson	Deerfield Creamery, Deerfield	1.0291	3.3	10.9	7.6	Watered. sample. See barn
May 18	N. Jensen	Deerfield Creamery, Deerfield		3.7	12.04	8.34	
May 18	O. L. Dahle	Deerfield Creamery, Deerfield	1.0305	3.25	11.55	8.30	
May 22	J. Kempkin	Waterford Creamery, Waterford	1.0304	3.4	11.8	8.4	
May 22	Wm. Glueck	Waterford Creamery, Waterford	1.0276	3.45	11.2	7.75	Watered. sample. See barn

B-D. & F.

UNLAWFUL MILKS DELIVERED TO CREAMERIES OR CHEESE FACTORIES—Continued.

Date.	Producer.	Delivered to.	Sp. Gr.	Per cent fat.	Per cent total solids.	Per cent. solids not fat.	Remarks.
1906.							
May 22	Peter Durst	Waterford Creamery, Waterford	1.0297	3.45	11.75	8.30	
May 23	Joe Kizior	J. B. Linzemeyer Cheese Factory, Angelica	1.0336	2.6	11.5	8.9	Skimmed. See barn sample.
May 23	J. Glowinski	J. B. Linzemeyer Cheese Factory, Pulaski	1.0278	3.2	10.8	7.6	
May 23	Albert Duzinski	J. B. Linzemeyer Cheese Factory, Pulaski	1.0334	2.95	12.0	9.05	Skimmed. See barn sample.
May 29	C. Behm	Christians Creamery, Johnsons Creek	1.0283	3.35	11.12	7.77	Watered. See barn sample.
May 29	Mrs. F. Schloesser	Mansfield Creamery, Johnsons Creek	1.0302	3.35	11.7	8.35	
May 29	J. Goodbout	Farmington Creamery, Johnsons Creek, R. D. ....	.....	2.85	10.60	7.75	
May 30	F. Ciser	Middle Ridge Cheese Factory, Bangor, R. D.	1.0272	2.85	10.40	7.55	Watered. See barn sample.
May 30	L. Newburg	Middle Ridge Cheese Factory, Bangor, R. D.	1.0273	2.8	10.3	7.5	Watered. See barn sample.
May 31	Aug. Blank	Grelton Creamery, Grelton	1.0283	3.2	11.3	8.1	
June 2	Theo. Fillnow	Fountain Valley Cheese Factory, Clintonville	1.0342	2.2	.....	.....	Skimmed. See barn sample.
June 2	Aug. Wilke	Ebenezer Creamery, Johnson Creek	1.0338	2.9	12.05	9.15	
June 6	Al. Bartel	Melcher Bros., Cheese Factory	1.0285	3.2	10.9	7.7	Watered. See barn sample.
June 8	John Steinhardt	Westphal Cheese Factory, Fox Lake	1.0309	2.9	.....	.....
June 15	Geo. Johns	Livingston Cheese Factory, Livingston	1.032	2.8	.....	.....
June 16	A. Weiner	Waterford Creamery, Waterford	1.0306	3.2	11.5	8.3	
June 16	H. O. Peterson	Waterford Creamery, Waterford	1.0331	2.9	.....	.....
June 26	Ed Hart	Eunis Creek Cheese Factory, Boyceville	1.0278	3.7	11.55	7.85	
June 28	B. Baden	Burwood Creamery, Burwood .....	.....	.....	.....	.....	Watered. Immersion refractometer reading of whey (20C.) 34.4
June 28	Aug. Davetz	Burwood Creamery, Burwood .....	.....	.....	.....	.....	Watered. Immersion refractometer reading of whey (20C.) 34.6

HERD SAMPLES MILKED IN PRESENCE OF INSPECTORS.

Date	Producer.	Address.	Gr. Sp.	Per cent. fat.	Per cent. total solids.	Per cent. solids. not fat.	Remarks.
1904.							
Aug. 1	A. Weiss	St. Lawrence, Wis.		3.2			Night's milk.
Aug. 1	Louis Olhafen	St. Lawrence, Wis.	1.031	3.2	11.7	8.5	Night's milk.
Aug. 2	Louis Olhafen	St. Lawrence, Wis.	1.0306	4.2	12.7	8.5	Morning's milk.
Aug. 2	A. Weiss	St. Lawrence, Wis.		3.5			Morning's milk.
Aug. 9	Martin Wehner	St. Lawrence, Wis.	1.0290	4.6	12.76	8.16	Night's milk.
Aug. 9	Martin Wehner	St. Lawrence, Wis.	1.0292	4.0	12.34	8.34	Morning's milk.
Aug. 10	Joe Elsinger	St. Lawrence, Wis.	1.0304	3.8	12.3	8.5	Night's milk.
Aug. 10	Max Meyer	St. Lawrence, Wis.	1.0314	3.7	12.43	8.73	Morning's milk.
Aug. 11	Max Meyer	St. Lawrence, Wis.	1.030	3.95	12.39	8.43	Night's milk.
Nov. 15	Christ Kohn	St. Lawrence, Wis.	1.030	4.4	12.90	8.5	Morning's milk.
Nov. 15	Christ Kohn	Reeseville, Wis.	1.0333	3.90	13.13	9.24	Night's milk.
Nov. 15	Fred Kols	Reeseville, Wis.	1.0333	4.50	13.90	9.40	Morning's and night's mixed.
Dec. 23	Chas. Zick	Reeseville, Wis.	1.0336	4.15	13.50	9.35	Mixed milk.
Dec. 23	Chas. Zick	Clinton, Wis.	1.032	3.8	12.7	8.9	Night's milk.
Dec. 23	Chas. Zick	Clinton, Wis.	1.0324	4.0	13.05	9.05	Morning's milk.
1905.							
Apr. 25	L. Burtis	Newark	1.0303	3.5	12.05	8.55	
Apr. 25	A. St. John	Brodhead, Wis.	1.0307	3.1	11.6	8.5	Night's milk.
Apr. 28	J. Scully	Footville, Wis.		3.05			
Apr. 28	J. Scully	Footville, Wis.	1.0308	3.15			Night's milk.
Apr. 28	F. Rossiter	Footville, Wis.	1.0323	3.5	12.4	8.9	Night's milk.
May 3	Fred Sommers	Hustisford, Wis.	1.0287	2.8	10.8	8.0	
May 3	Fred Tornow	Hustisford, Wis.	1.0283	3.1	11.1	8.0	
May 4	Fred Tornow	Hustisford, Wis.	1.029	3.0	11.0	8.0	
May 4	Fred Somers	Hustisford, Wis.	1.0285	2.8	10.8	8.0	
May 4	Wm. Schmidt	Hustisford, Wis.	1.0305	3.50	12.0	8.5	
May 4	Wm. Musah	Mayville, Wis.	1.0317	3.35	12.10	8.75	
May 5	Wm. Schmidt	Hustisford, Wis.	1.0307	3.7	12.25	8.55	
May 5	Aug. Fircks	Mayville, Wis.	1.0315	3.2	11.8	8.6	
May 5	Aug. Kamrath	Mayville, Wis.	1.031	3.8	12.45	8.65	
May 5	Robt. Gliese	Mayville, Wis.	1.0317	3.35	12.1	8.75	Morning's milk of eight cows.

HERD SAMPLES MILKED IN PRESENCE OF INSPECTORS—Continued.

Date.	Producer.	Address.	Sp. Gr.	Per cent. fat.	Per cent. total solids.	Per cent. solids not fat.	Remarks.
1905.							
May 5	Mrs. L. Asenbauer	Mayville, Wis.	1.031	3.0	11.45	8.45	Morning's milk of nine cows.
May 5	Wm. Musah	Mayville, Wis.	1.0308	3.45	12.0	8.55	Morning's milk.
May 6	Aug. Kamrath	Mayville, Wis.	1.031	3.5	12.1	8.6	Morning's milk of five cows.
May 6	Aug. Fircks	Mayville, Wis.	1.0308	3.55	12.12	8.57	Morning's milk of four cows.
May 6	Mrs. L. Asenbauer	Mayville, Wis.	1.031	2.95	11.45	8.5	Sample taken from milk of one cow.
May 10	Fred Schafer	Columbus, Wis.	1.0302	3.25	11.6	8.35	
May 10	Fred Schafer	Columbus, Wis.	1.031	3.6	12.2	8.6	Morning's milk.
May 11	F. Pieper	Columbus, Wis.	1.033	4.05	13.25	9.2	Night's milk.
May 11	F. Pieper	Columbus, Wis.	1.033	3.5	12.6	9.1	
May 11	John Zemlo	Beaver Dam, Wis.	1.0304	3.85	12.35	9.5	
May 11	Wm. Schafer	Beaver Dam, Wis.	1.030	3.5	11.9	8.4	Night's milk.
May 12	Anton Bach	Beaver Dam, Wis.	1.0305	3.5	12.0	8.5	Morning's milk.
May 12	Anton Bach	Beaver Dam, Wis.	1.031	4.0	12.7	8.7	Night's milk.
May 12	Fred. Somers	Hustisford, Wis.	1.0287	3.3	11.3	8.0	Morning's milk.
May 12	Fred. Somers	Hustisford, Wis.	1.030	3.	11.25	8.25	Night's milk.
May 24	P. McCormick	Appleton, R. F. D.	1.0312	3.2	11.3	8.6	
May 24	Mrs. T. McCormick	Appleton, R. F. D.	1.0313	3.0	11.6	8.6	
May 24	F. Wunrow	Appleton, R. F. D.	1.031	3.2	11.75	8.55	Mixed milk.
May 24	J. Schroeder	Appleton, R. F. D.	1.0312	3.4	12.02	8.62	Sample from milk of one cow.
June 9	Rudolph Schimming	Madison, Wis.	1.032	3.7	12.6	8.9	
June 9	Rudolph Schimming	Madison, Wis.	1.030	2.8	11.0	8.2	
Oct. 10	Henry Hensel	Buckman, Wis.	1.0333	4.3	13.9	9.6	
Oct. 10	Stany Pysbleski	Buckman, Wis.	1.0343	4.35	14.0	9.65	Night's milk from twenty-one cows.
Dec. 19	Wm. Winch	Mazomanie, Wis.	1.0316	4.2	13.1	8.9	Morning's milk from one cow.
Dec. 19	Wm. Winch	Mazomanie, Wis.	1.0316	4.3	13.2	8.9	Morning's milk from twenty-one cows.
Dec. 19	Wm. Winch	Mazomanie, Wis.	1.0325	4.6	13.8	9.2	Night's milk from one cow.
Dec. 19	E. Sheldon	Mazomanie, Wis.	1.0312	5.2	14.2	9.0	
Dec. 19	E. Sheldon	Mazomanie, Wis.	1.0312	5.1	14.1	9.0	
Dec. 19	Wm. Winch	Mazomanie, Wis.	1.0316	4.3	13.2	8.9	
Dec. 20	Herman Raasch	Carolin, Wis.	1.0338	4.3	13.4	9.1	
Dec. 20	H. Genshow	Marion, Wis.	1.0308	4.	12.7	8.7	

HERD SAMPLES MILKED IN PRESENCE OF INSPECTORS—Continued.

Date.	Producer.	Address.	Sp. Gr.	Per cent. fat.	Per cent. total solids.	Per cent. solids fat. not	Remarks.
1906.							
Feb. 17	L. Lerman	Hustisford, Wis.	1.0286	2.8	10.10	7.3	One cow, Holstein.
Mar. 23	B. Ireland	Oconomowoc, Wis.	1.0315	3.6	12.3	8.7	Night's milk.
Mar. 30	Mrs. M. Alexander	Mt. Hope	1.0298	4.	12.4	8.4	Night's milk.
Mar. 30	Mrs. Mary Nies	Mt. Hope	1.028	3.9	12.35	8.46	Night's milk.
Mar. 31	Mrs. M. Alexander	Mt. Hope	1.0298	4.55	13.09	8.54	Morning's milk.
Mar. 31	Mrs. Mary Nies	Mt. Hope	1.030	5.6	14.16	8.56	Morning's milk.
Apr. 2	B. Ireland, Oconomowoc .....	.....	1.0315	3.6	12.3	8.7	
Apr. 10	J. Korth	Waterloo, R. F. D.	1.0318	3.35	12.0	8.65	
Apr. 25	F. Stueber	Clyman, Wis.	1.0313	3.2	11.45	8.25	
Apr. 25	Henry Schunckle	Watertown, Wis.	1.0315	3.3	11.85	8.55	
May 2	John Austin	Vernon, Wis.	1.033	3.7	12.8	9.1	Night's milk.
May 3	H. H. Winter	Johnson Creek, Wis.	1.0275	3.6	11.12	7.52	Night's milk. Watered before inspector arrived.
May 3	W. Gehler	Johnson, Creek, Wis.	1.031	3.2	11.7	8.5	Night's milk.
May 3	John Austin	Vernon	1.032	4.15	13.13	8.98	Morning's milk.
May 3	P. Frautzel	Johnson's Creek	1.0305	3.15	11.60	8.45	Milking done before arrival of inspector.
May 3	T. Baars	Johnson's Creek	1.031	3.05	11.45	8.40	Night's milk.
May 4	Wm. Griesmer	Rockfield	1.0315	2.6	11.13	8.53	Night's milk of six Holstein cows.
May 4	Jacob Merton	Rockfield	1.0297	2.75	10.83	8.13	
May 4	Chris Stark	Rockfield	1.0310	3.0	11.5	8.5	Night's milk from seven Holstein cows.
May 4	Chris Stark	Rockfield	1.0304	3.0	11.35	8.35	Night's milk from seven Holstein cows.
May 4	H. Bredlow	Johnson's Creek	1.032	3.1	11.78	8.68	Night's milk.
May 4	Fred Haman	Johnson's Creek	1.0315	3.1	11.6	8.5	Night's milk from four cows.
May 4	W. Kottke	Johnson's Creek	1.0308	3.45	12.0	8.55	Night's milk.
May 4	P. Blenkenheimer	Johnson's Creek	1.0323	3.25	12.10	8.85	Night's milk.
May 4	Aug. Scheumke	Johnson's Creek	1.0324	3.1	12.6	9.0	Night's milk from six cows.
May 4	H. Raabe	Johnson's Creek	1.0302	3.65	12.0	8.35	Night's milk in can on arrival of inspector.
May 4	Mike Warner	Johnson's Creek	1.0322	3.2	12.05	8.85	Night's milk from five cows.

HERD SAMPLES MILKED IN PRESENCE OF INSPECTORS—Continued.

Date.	Producer.	Address.	Sp. Gr.	Per cent. fat.	Per cent. total solids.	Per cent. solids not fat.	Remarks.
1906.							
May 4	J. Berg	Rockfield	1.031	3.2	11.73	8.53	
May 4	John Warner	Johnson's Creek	1.0317	3.95	12.50	8.85	Night's milk from seven cows.
May 5	John Warner	Johnson's Creek	1.0327	3.95	13.05	9.10	Morning's milk from seven cows.
May 5	Mike Warner	Johnson's Creek	1.0329	3.6	12.7	9.10	Morning's milk from five cows.
May 5	Christ. Stark	Richfield	1.0315	2.8	11.37	8.57	Morning's milk of seven Holstein cows.
May 5	Wm. Griesmer	South Germantown	1.031	3.0	11.5	8.5	Morning's milk of six Holstein cows.
May 5	H. Bredlow	Johnson's Creek	1.032	3.4	12.22	8.82	Morning's milk.
May 5	W. Kottke	Johnson's Creek	1.033	4.	12.45	8.45	Morning's milk.
May 5	P. Blenkenheimer	Johnson's Creek	1.0333	4.05	13.15	9.10	Morning's milk.
May 5	H. Raabe	Johnson's Creek	1.0333	3.6	11.9	8.3	Morning's milk. Milking near completion on arrival of inspector.
May 5	Aug. Scheunke	Johnson's Creek	1.0321	3.2	12.0	8.8	Morning's milk, six cows.
May 8	H. Winter	Johnson's Creek	1.0323	4.15	13.10	8.95	
May 11	H. Brunk	Johnson's Creek	1.0308	4.35	13.10	8.75	Morning's milk from eight cows.
May 11	A. Naatz	Johnson's Creek	1.0308	3.8	12.4	8.6	Morning's milk from four cows.
May 11	J. Gehler	Johnson's Creek	1.033	4.75	14.10	9.35	Morning's milk from two cows.
May 11	W. Kellings	Johnson's Creek	1.0309	3.55	12.10	8.55	Night's milk from nine cows.
May 15	W. Mellenthin	Spencer, R. F. D. 1.	1.031	4.	13.7	8.70	
May 16	H. Capelle	Spencer	1.0318	4.	12.9	8.9	
May 16	C. Evert	Spencer	1.0318	3.45	12.0	8.55	
May 17	Joe Stodola	Leopolis	1.032	3.7	12.6	8.9	
May 18	Albert Reetz	Leopolis	1.0310	3.1	11.65	8.55	Night's milk.
May 18	Albert Reetz	Leopolis	1.0316	4.2	12.95	8.75	Morning's milk.
May 18	Albert Ready	Leopolis	1.033	3.85	13.0	9.15	Night's milk.
May 18	Frank Zeman	Leopolis	1.030	4.3	12.8	8.5	Milk from one cow.
May 19	Gabe Souseek	Leopolis	1.0317	4.4	13.3	8.9	
May 21	M. Magaurin	Black Creek	1.0326	3.45	12.45	9.0	Night's milk.
May 22	Edd Hoss	Black Creek	1.0320	3.8	12.9	9.1	Morning's milk.
May 22	Wm. Glueck	Waterford	1.0312	3.4	12.0	8.6	Night's milk.
May 22	Peter Durst	Waterford	1.0288	3.15	11.10	7.95	Night's milk.

HERD SAMPLES MILKED IN PRESENCE OF INSPECTORS—Continued.

Date.	Producer.	Address.	Sp. Gr.	Per cent. fat.	Per cent. total solids.	Per cent. solids not fat.	Remarks.
1906.							
May 23	Peter Durst	Waterford	1.031	4.0	12.7	8.7	Morning's milk.
May 23	Wm. Glueck	Waterford	1.0315	3.8	12.57	8.77	Night's milk.
May 23	Wm. Glueck	Waterford	1.0295	3.95	12.25	8.30	Morning's milk. Milking finished before arrival of inspector.
May 23	Wm. Glueck	Waterford	1.0315	4.2	13.05	8.85	Morning's milk.
May 31	Geo. Harther	Schleisingerville	1.0324	3.45	12.38	8.93	
June 5	Mrs. F. Schlosser	Johnson's Creek	1.0308	4.0	12.65	8.65	Morning's milk.
June 5	Mrs. F. Schlosser	Johnson's Creek	1.0326	2.75	11.6	8.85	Night's milk.
June 5	T. J. Cunningham	Burlington, R. F. D.	1.0304	3.5	12.0	8.5	Night's milk.
June 8	C. Behm	Johnson's Creek	1.0309	3.8	12.45	8.65	Morning's milk.
June 8	C. Behm	Johnson's Creek	1.0308	4.0	12.65	8.65	Night's milk.
June 11	L. Newburg	Bangor	1.0326	3.9	13.0	9.1	
June 11	F. Ciser	Bangor	1.0315	3.5	12.2	8.7	
June 12	J. Goodbout	Bangor	1.0282	3.75	11.65	7.90	Night's milk from two cows, Holstein and Durham.
June 13	Aug. Blank	Grelton	1.0320	3.70	12.60	8.90	Night's milk.
June 13	A. A. McMullen	Seymour	1.0328	4.4	13.6	9.2	
June 13	Wm. Abel	Seymour	1.0336	3.3	13.1	9.3	Night's milk.
June 14	Albert Duzinski	Pulaski	1.0312	4.3	13.1	8.3	Morning's milk.
June 14	Joe Kizior	Pulaski	1.0326	4.0	13.1	9.1	Night's milk.
June 14	J. Glowinski	Pulaski	1.0322	3.25	12.1	8.85	Night's milk.
June 16	Theo Fillnow	Clintonville	1.0336	4.2	13.6	9.4	Morning's milk.
June 18	A. Duszinski	Pulaski	1.0312	4.3	13.1	8.8	
June 21	Al. Bartel	Juneau	1.0316	3.95	12.8	8.85	Night's milk.
June 26	J. Simonson	Deerfield	1.0309	3.05	11.6	8.55	Night's milk.

INSPECTOR'S SAMPLES PASSED AS LAWFUL.

Date	Dealer or Producer.	Gr. Sp.	Per cent. fat.	Per cent. total solids.	Per cent. solids not fat.	Remarks.
1904						
July 23	G. F. Sachs, Madison		4.5	.....	.....
July 23	G. F. Sachs, Madison		3.75	.....	.....
July 23	J. Spring, Madison		3.75	.....	.....
1905						
Mch. 17	H. Linar, Brandon		3.0	11.5	8.5	
Mch. 17	J. Linar, Brandon		3.0	11.6	8.5	
May 4	Robt. Giese, Mayville	1.031	3.55	12.1	8.55	
May 17	J. Borchardt, Stevens Point	1.0337	5.1	14.65	9.55	
May 17	J. Borchardt, Stevens Point	1.0313	4.3	.....	.....
May 17	L. Gates, Stevens Point	1.0318	3.2	.....	.....
May 17	F. O. Hodsdon, Stevens Point	1.0315	3.8	.....	.....
May 24	P. McCormick, Appleton	1.0311	3.0	11.5	8.5	
May 24	Mrs. T. McCormick, Appleton		3.0	.....	.....
May 24	W. Geldernick, Appleton	1.0318	3.15	11.90	8.75	
May 25	J. Schroeder, Appleton	1.0313	3.6	12.3	8.7	
May 25	F. Wunrow, Appleton	1.031	3.55	12.17	8.62	
May 25	Mrs. T. McCormick, Appleton	1.0312	3.1	11.7	8.6	
May 25	P. McCormick, Appleton	1.031	3.5	12.12	8.62	
June 10	H. J. Main, Madison	1.032	3.85	.....	.....
1906						
Jan. 13	L. W. Gay, Madison	1.0325	3.8	.....	.....
Jan. 13	L. W. Gay, Madison	1.032	3.4	.....	.....
Jan. 19	B. Bryan, Evansville	1.033	4.5	13.8	9.3	
Jan. 19	E. Glidden, Evansville	1.0325	4.2	13.3	9.1	
Jan. 19	J. W. Christensen, Evansville	1.0322	4.95	14.1	9.15	
Jan. 19	S. Wadsworth, Evansville	1.032	4.5	13.5	9.0	
Jan. 19	F. Cushman, Evansville	1.032	4.15	13.15	9.0	
Jan. 26	L. Koch, La Crosse		3.55	.....	.....
Jan. 26	Simon Larson, La Crosse		3.6	.....	.....
Jan. 30	Wittenberg Bros., Milwaukee	1.0305	3.3	.....	.....
Jan. 30	Philip Weinert, Milwaukee	1.0315	3.4	12.04	8.64	
Jan. 31	Sponholz Bros., Milwaukee	1.031	3.3	.....	.....
Jan. 31	L. Braum, Jr., Milwaukee	1.031	4.15	.....	.....
Feb. 6	J. H. Kleiberger, Monroe	1.0336	3.25	.....	.....
Feb. 9	W. M. Vanwyk, Appleton	1.0305	3.5	.....	.....
Feb. 9	Orin Davis, Dodgeville	1.0295	3.5	.....	.....

INSPECTOR'S SAMPLES PASSED AS LAWFUL—Continued.

Date.	Dealer or Producer.	Sp. Gr.	Per cent. fat.	Per cent. total solids	Per cent. solids not fat.	Remarks.
1906.						
Feb. 13	F. Wetsel, Prairie du Chien	1.0318	3.3	12.05	8.75	
Feb. 16	Henry Klockner, Manitowoc	1.0324	3.0	11.8	8.8	
Feb. 23	Crystal Springs Dairy, Stoughton		3.5			
Feb. 23	J. Lyke, Edgerton		3.8			
Feb. 23	J. H. Daws, Stoughton		3.75			
Mar. 1	Eichorst Bros., Stevens Point	1.031	3.2			
Mar. 7	E. I. Cayton, Beloit	1.0293	3.9			
Mar. 7	J. A. Miller, Beloit	1.030	3.75			
Mar. 7	O. M. Helcherson, Beloit	1.0310	3.6			
Mar. 7	O. N. Nye, Beloit	1.0298	3.4			
Mar. 8	Fenton Nacter, Prairie du Chien	1.0307	4.			
Mar. 24	C. Lentz, Waterloo, R. D.	1.0303	3.4	11.90	8.5	
Mar. 27	R. Mortensen, Oconto	1.0315	3.5			
Mar. 28	J. Antosh, Marinette	1.033	3.05			
Mar. 30	M. Carmody, Mt. Hope	1.0324	3.8	12.66	8.56	
Apr. 4	H. E. Ashbremer, Merrill		3.0			
Apr. 6	H. J. Davis, Albion	1.0325	3.4			
Apr. 15	F. Stueber, Clyman	1.030	3.05			
Apr. 24	Frank Doemel, Oshkosh	1.0306	3.1			
May 3	F. Haman, Johnsons Creek	1.034	3.7	13.2	9.5	
May 3	P. Freutzel, Johnsons Creek	1.0315	3.6			
May 3	H. Banker, Johnsons Creek	1.0308	3.4			
May 3	Joe Kadletz, Leopolis	1.0325	3.0			
May 4	Jas. Sousek, Leopolis	1.0297	3.4			
May 4	John Kodzo, Leopolis	1.0295	3.6			
1906.						
May 9	A. Kopp, Johnsons Creek	1.0336	3.6			
May 11	M. Zimmer, Schleisingsville	1.0306	3.4	11.90	8.50	
May 15	C. Evert, Spencer	1.0329	3.0	11.95	8.95	
May 29	J. Zibelle, Johnson Creek	1.0315	3.1	11.73	8.53	
June 8	Robt. Steinkranz, Fox Lake	1.0305	4.			
June 28	John Benning, Burwood					Immersion refractometer reading of whey (20C.) 41.3
June 29	Pete Benning, Burwood					Immersion refractometer reading of whey (20C.) 30.4

MILK SAMPLES SUBMITTED.

Date.	Submitted by.	Address.	Sp. Gr.	Per cent. fat.	Per cent. total solids.	Per cent. solids not fat.	Remarks.
1904.							
July 25	Wm. Griepentrog	Juneau, Wis		3.5			
July 26	Dr. Payne	Beloit, Wis		2.25			
July 29	M. L. Hineman	Tomah, Wis.		2.8			
Sept. 13	John Fulton	Janesville, R. F. D. 8.....		6.7			
Dec. 23	W. L. Schafer	Muscoda, Wis.		11.0			Cow had not given milk for several days.
	Frank Mallatt	Boscobel, Wis.		4.35			
	Cora A. Week	Stevens Point, Wis.					Contains boric acid.
1905							
Jan. 31	Geo. Zink	Verona, Wis.		3.9			
	J. Leubert	Janesville, Wis.		4.05			
Feb. 18	C. H. Hayward	Wilton, Wis.		4.5			
	Harvey Clark						Contains sucrate of lime in solution and a large amount of calcium carbonate as a sediment.
Mch. 24	T. Corneliuson	Footville, Wis.	1.0267	3.3	10.78	7.48	
	(12 samples) Wilson Creek Cheese Factory	Spring Green, Wis.					Tested for preservatives, none found.
	C. H. Hayward	Wilton, Wis.		4.15			
	W. H. H. Long	Platteville, Wis.					Contains a large amount of common salt and some kerosene oil.
Apr. 3	R. B. Luckey	Cuba City, Wis.		3.2			
Apr. 3	R. B. Luckey	Cuba City, Wis.		3.7			
Apr. 3	Erick Jacobson	Merrill, Wis.		2.50			Tested for preservatives, none found.
Apr. 14	A. M. Mullendore	Germantown, Wis.		3.15			
Apr. 14	A. M. Mullendore	Germantown, Wis.		3.4			
Apr. 18	E. C. Mc Cormick	Plover, Wis.		3.5			
Apr. 18	E. C. Mc Cormick	Plover, Wis.		3.4			
Apr. 18	E. C. Mc Cormick	Plover, Wis.		3.4			
Apr. 18	E. C. Mc Cormick	Plover, Wis.		3.4			
Apr. 18	E. C. Mc Cormick	Plover, Wis.		3.3			

MILK SAMPLES SUBMITTED—Continued.

Date.	Submitted by.	Address.	Sp. Gr.	Per cent.	Per cent. total solids.	Per cent. solids not fat.	Remarks.
1905.							
Apr. 18	E. C. Mc Cormick	Plover, Wis.		3.2			
Apr. 18	E. C. Mc Cormick	Plover, Wis.		3.1			
Apr. 18	E. C. Mc Cormick	Plover, Wis.		3.25			
Apr. 18	E. C. Mc Cormick	Plover, Wis.		3.4			
Apr. 18	E. C. Mc Cormick	Plover, Wis.		3.7			
Apr. 28	Jacob Regez	Monroe, Wis.	1.036	5.2	15.4	10.2	
	John Rademacher	Wrightstown, Wis.		0.075			Skim milk.
	J. Dallenbach			2.95			
June 11	W. J. Hyne			4.65			
June 20	Chas. Meyer	Alma, Wis.		5.4			
July 31	Fred Marty		1.030	3.0			
Aug. 6	Chas. Zeuhlke	Horicon, Wis.		2.9			
Aug. 11	Fred Marty			5.5	10.95	7.45	
Aug. 12	S. E. Machmueller	Wausau, Wis.		3.7			
Aug. 12	S. E. Machmueller	Wausau, Wis.		3.85			
Aug. 12	S. E. Machmueller	Wausau, Wis.		4.			
Aug. 12	S. E. Machmueller	Wausau, Wis.		3.85			
Aug. 14	Stockton Creamery Co.	Stockton, Wis.		2.85			
Aug. 14	Fred Stempfle	Klevenville, Wis.		3.35			
Aug. 18	S. E. Gallagher	Madison, Wis.					Two samples. No preservatives found.
Aug. 19	John Stenner	Fennimore, Wis.		3.6			
Aug. 31	Jacob Skibba	Junction City, Wis.		3.25			
Aug. 31	Jacob Skibba	Junction City, Wis.		3.8			
Sept. 15	Fred Stimpfle	Klevenville, Wis.		3.7			
Sept. 19	W. U. Biggart			5.3			
Sept. 19	R. J. Murphy			4.3			
Sept. 25	Fred Schuler	Livingston, Wis.		4.2			
Sept. 25	Fred Schuler	Livingston, Wis.		4.4			
Sept. 25	Fred Schuler	Livingston, Wis.		4.1			
Sept. 25	Fred Schuler	Livingston, Wis.		4.2			

MILK SAMPLES SUBMITTED—Continued.

Date.	Submitted by.	Address.	Sp. Gr.	Per cent fat.	Per cent. total solids.	Per cent. solids not fat.	Remarks.
1905.							
Sept. 28	Peter Gerber	Blue Mounds, Wis.		3.9			
	R. F. Buckholz	Two Rivers, Wis.		3.9			
Oct. 10	A. Schwander	Gilmanton, Wis.		3.1			
Oct. 10	A. Schwander	Gilmanton, Wis.		3.65			
Nov. 1	J. F. Kidd	Rockbridge, Wis.		4.4			
Nov. 1	J. F. Kidd	Rockbridge, Wis.		4.6			
Nov. 1	E. J. Murphy .....	.....		4.4			
Nov. 1	W. U. Biggart .....	.....		5.8			
Nov. 21	Chas. Buchda	Randolph, Wis.		4.1			
Nov. 21	Kleinhesselink Bros.,	Cedar Grove, Wis.	1.0152	2.7	7.18	4.48	Heavily watered.
Nov. 21	Kleinhesselink Bros.,	Cedar Grove, Wis.	1.0177	3.05	7.98	4.93	Heavily watered.
Nov. 21	E. F. Fahl	Grand Rapids, Wis.		0.6			Skim milk.
Dec. 8	Fred Stimpfle	Klevenville, Wis.		4.2			
1906.							
Jan. 12	Dr. Donovan	Madison	1.034	1.5			Skimmed.
Feb. 21	A. Frisch	Madison	1.0306	3.3			
Feb. 21	A. Frisch	Madison	1.0308	3.5			
Feb. 21	Col. Lusch .....	.....	1.0357	1.45			
Apr. 2	Boyd Bros.	Calhoun		3.2			
Apr. 2	Boyd Bros.	Calhoun		3.15			
Apr. 2	J. W. Sharp	Ashland	1.0305	3.6	12.1	8.5	
Apr. 4	Aug. Eickstedt	Cedarburg		3.8			
Apr. 4	Bernard Groth	Cedarburg		3.5			
Apr. 4	Fred Behrens	Cedarburg		3.0			
Apr. 6	J. Nitz	Tiffany		3.45			
Apr. 6	C. Henning	Tiffany		3.45			
Apr. 6	R. Finster	Tiffany		3.40			
Apr. 10	L. J. Lee	Deforest	1.0329	3.80	12.78	8.98	

MILK SAMPLES SUBMITTED—Continued.

Date.	Submitted by.	Address.	Sp. Gr.	Per cent. fat.	Per cent. total solids.	Per cent. solids not fat.	Remarks.
1906							
Apr. 26	F. J. Biehn for Chas. De Groot..	Union Grove		3.5			
	No. 1			2.6			
	No. 2			2.9			
	No. 3			2.5			
	No. 4			3.1			
	No. 5			2.5			
	No. 6			3.2			
	No. 7			3.2			
May 9	J. F. Breitrick	Leeman		2.6			
May 9	J. F. Breitrick	Leeman		3.9			
May 9	J. F. Breitrick	Leeman		3.8			
May 9	E. N. Warner	Madison		4.5			
May 10	Fred Dudy	Junction City		3.5			
May 21	D. M. Spicer "for"	Tiffany		3.95			
	R. Howard			3.65			
	R. Howard			4.2			
	R. R. Overton			3.5			
May 26	D. E. Wood Butter Co.	Evansville		3.5			
May 26	D. E. Wood Butter Co.	Evansville		3.2			
Mar. 26	Chas. Brush	Jefferson		3.8			
June 1	Schueppner	Fennimore		3.4			
June 9	V. E. Taylor	Lake Mills		3.0			
June 16	P. Carroll	Durand		3.75			
June 18	Emil Amstutz	Darlington		3.9			
	No. 1			4.85			
	No. 1			3.35			
	No. 2			3.25			
	No. 2		1.083	4.35			
	No. 3			3.5			
	No. 3						
	No. 4						

MILK SAMPLES SUBMITTED—Continued.

Date.	Submitted by.	Address.	Sp. Gr.	Per cent. fat.	Per cent. total solids.	Per cent. solids not fat.	Remarks.
1906.	No. 4			3.95			
	No. 5		1.0326	3.3			
	No. 5		1.0318	3.15			
	No. 6		1.0330	3.05			
	No. 6			4.2			
	No. 7			3.55			
	No. 7			4.45			
	No. 8			3.6			
	No. 8			4.25			
June 13	Corcoran & Neech	Beloit					
	No. 1			3.25			
	No. 2			3.35			
June 13	E. C. McCormick	Plover		3.9			
June 18	Ira A. Beane	Shawano	1.0323	3.6			
June 23	Herman Dennert	Campbelsport		3.4			
June 25	P. E. Kampine	Welcome		3.2			
June 25	P. E. Kampine	Welcome		3.05			

CONDENSED MILK.

Five brands of sweetened condensed milk were analyzed and found to contain from 8.4 to 10.1% milk-fat.

CONDENSED MILK.

Date.	Purchased of.	Manufacturer or Jobber.	Brand.	Per cent. fat.
1904.				
Mar. 3	G. Sanger, Beloit.....	Borden's Condensed Milk Co., N. Y.....	Magnolia	9.45
Mar. 3	G. Sanger, Beloit.....	Borden's Condensed Milk Co., N. Y.....	Eagle	10.1
June 23	O. Torrison Co., Manitowoc.....	Borden's Condensed Milk Co., N. Y.....	Challenge	9.64
June 22	Schuette Bros., Manitowoc.....	Reid, Murdock & Co., Chicago, Ill.....	Reindeer	9.4
1905.				
June 7	Chas. Larson, Lake Nebagamon.....	Borden's Condensed Milk Co., N. Y.....	Dime Brand.....	8.4

MISCELLANEOUS.

Forty miscellaneous samples were analyzed, including many which were not foods, but were sold for the purpose of adding to foods. While the sale of these substances by themselves may not be unlawful, the sale of foods to which they have been added is unlawful in Wisconsin in most instances.

MISCELLANEOUS.

Date.	Sample.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1904.					
June 10	Fruit coloring	C. J. Veerbach, Milwaukee..	National Ext. Works, Milwaukee		A solution of coal tar dye.
June 23	Fruit coloring	Bull & Goodwin, Beloit.....	McNeil Higgins Co., Chicago	Empire	A solution of coal tar dye.
*	Powder	J. J. Callman, Jewett Mills..			Said to be used by butter-makers for improving poor separator cream. Consists largely of cream of tartar.
*	Tablets	J. J. Callman, Jewett Mills..			Said to be used by butter-makers for preserving milk. Contains corrosive sublimate and boric acid.
Aug. 9	Sugar coloring....	North Side Bottling Works, La Crosse	C. P. Thompson.....		A solution of caramel.
*	Canning compound	F. C. Carswell.....	Mrs. W. T. Price, Minneapolis, Minn.		Each package contains about one ounce of boric acid.
Dec. 16*	Salt	Jones Dairy Farm, Ft. Atkinson		No. I	Free from borax and boric acid.
Dec. 16*	Salt	Jones Dairy Farm, Ft. Atkinson		No. II	Free from borax and boric acid.
Dec. 16*	Sausage casings ..	Jones Dairy Farm, Ft. Atkinson			Contains boric acid or borax.
Oct. 20	Frosting sugar....	Farmers Produce Co., Chippewa Falls	Chippewa Valley Merc. Co., Chippewa Falls		Colored with a coal tar dye.
1905.					
*	Lard oil	Paragon Supply Co., Oshkosh	M. A. Cozzens Oil Co., Cleveland, Ohio		Adulterated with cottonseed oil.
Feb. 18*	Sulphuric acid....	C. H. Hayward, Wilton.....			Sp. Gr (15.5 degrees C.) 1.82.
Feb. 23	Sweet pickles.....	J. C. Weber, Milwaukee.....	M. A. Gedney, Minneapolis	Sweet Midget	Passed.
Feb. 23	Sweet pickles.....	P. Traut, Milwaukee.....	H. J. Heinz Co., Pittsburg	Sweet Midget	Passed.

MISCELLANEOUS—Continued.

Date.	Sample.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905.					
Apr. 21*	Wheat flour	Pat Kelly, Eleva.....	.....	.....	Contains a small amount of rye flour.
Apr. 20	Relish	Peterson & Dahl, Amery.....	Am. Relish Co., Indianapolis, Ind.	Yankee Doodle.....	Contains a large amount of benzoic acid. Not labeled to that effect. Not lawful. Said to be used by cheese makers. One teaspoonful added to 1,000 lbs. of milk. Commercial calcium sulphite.
June *	Powder	P. M. Ross, Waldo.....	.....	.....	Found in pasture with salt. Supposed to have been placed there to poison cows. Contains a large amount of paris green.
June 30*	Powder	M. Michels, Garnet.....	.....	.....	.....
June 19	Sweet pickles.....	J. Alf. Anderson, Allouez Bay	Minn. Preserving Co., Lake City, Minn.	Pepin	Contains alum and preserved with benzoic acid. Held to be unlawful.
Aug.	Enterprise blood color	Heller Chem. Co., Chicago..	Heller Chem. Co., Chicago..	.....	Contains salt, borax and coal tar dye. The sale of foods containing this preparation is unlawful in Wisconsin.
Aug.	Cream albumen...	Heller Chem. Co., Chicago..	Heller Chem. Co., Chicago..	.....	Contains gelatin and borax. The sale of milk or cream containing this preparation is unlawful in Wisconsin.
Aug.	Enterprise preservative	Heller Chem. Co., Chicago..	Consists mainly of sodium sulphite. The sale of foods containing this preparation is unlawful in Wisconsin.

* Submitted.

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MISCELLANEOUS—Continued.

Date.	Sample.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905. Aug.	Milk and cream color	Creamery Pkg. Mfg. Co., Chicago	Creamery Pkg. Mfg. Co., Chicago	Ideal	A solution of annatto. The sale of milk or cream containing this preparation is unlawful in Wisconsin.
Aug.	Iceline	Heller Chem. Co., Chicago..	Heller Chem. Co., Chicago..	.....	A solution of formaldehyde. The sale of foods containing this preparation is unlawful in Wisconsin.
	Liver sausage color	Heller Chem. Co., Chicago..	Heller Chem. Co., Chicago..	.....	Solution of a coal tar dye. The sale of foods containing this preparation is unlawful in Wisconsin.
	Form No Mould. Freeze Em	Heller Chem. Co., Chicago.. Heller Chem. Co., Chicago..	Heller Chem. Co., Chicago.. Heller Chem. Co., Chicago..	..... .....	A solution of formaldehyde. Contains sodium sulphite. The sale of foods containing this preparation is unlawful in Wisconsin.
	Lard bleacher....	Heller Chem. Co., Chicago..	Heller Chem. Co., Chicago..	.....	Commercial caustic soda. The sale of foods containing this preparation is unlawful in Wisconsin.
Aug. 10*	Ice cream powder	Oshkosh Pure Milk Co., Oshkosh .....	.....	.....	Consists of commercial white dextrin.
Aug. 17	Mint sauce	Horne Bros., Milwaukee....	Horton Catsup Mfg. Co., Detroit, Mich.	Royal	Artificially colored.
Aug. 17	Mint sauce	Horne Bros., Milwaukee....	Reid, Murdock & Co., Chicago	Monarch	Artificially colored.
Aug. 24	Mint sauce.....	Boston Store, Milwaukee ...	Cincinnati Extract Co., Cincinnati, Ohio .....	.....	Artificially colored. Contains saccharin.

MISCELLANEOUS—Continued.

Date.	Sample.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905.	Sept. * Powder	Wm. Jordan, Bruce.....	.....	.....	Found in pasture. Contains paris green.
1906.	Jan. * Coloring matter..	Mrs. F. G. Buckstaff, Oshkosh .....	.....	.....	A coal tar dye.
Feb. 28*	Tocolo	W. M. Dodge, Soldiers Grove	S. Birkenwald Co., Milwaukee	Daisy	Contains boric acid and coal tar dye. The sale of food containing this preparation is unlawful in Wisconsin. Composed of vanillin, coumarin and granulated sugar.
Feb. *	"Vanilla crystals"	Louis Kahlenberg, Madison.....	.....	.....	Composed of vanillin, coumarin and granulated sugar.
Mar. 10	Egg noodles.....	Piper Bros., Madison.....	Lorenz Bros., Milwaukee....	Cream	Contain scarcely any egg. Not lawfully salable as egg noodles.
May 1	Apples	Tom Pulas, Madison.....	.....	.....	Passed.
Apr. *	Flavoring Po.....	Dr. L. J. Bennett, Oregon...	.....	.....	Composed of granulated sugar, artificial flavoring and coal-tar dye.

* Submitted.

OLEOMARGARINE. HELD TO BE IN IMITATION OF YELLOW BUTTER, HENCE UNLAWFUL.

Date	Dealer.	Manufacturer.	Brand.
1904.			
Mch. 3	Harper Bros., Beloit	Swift & Co., Chicago, Ill.	Jersey.
Mch. 23	A. G. Lundeen, Hudson	Swift Packing Co., Chicago, Ill.	Jersey.
Mch. 29	Sauter & Co., Superior	Armour & Co., Duluth, Minn.	Armour's Lotus.
Mch. 29	Erbelding & Co., Superior	Armour & Co., Duluth, Minn.	Armour's Lotus.
Mch. 30	Sauter & Co., Superior	Armour & Co., Duluth, Minn.	Armour's Lotus.
Mch. 31	E. W. Hawley & Sons, Madison	Braun & Fitts, Chicago, Ill.	Imperial.
Mch. 31	E. W. Hawley & Sons, Madison	Braun & Fitts, Chicago, Ill.	East Lake.
Apr. 4	C. O. Tellefson & Son, Rockdale	Swift & Co., Chicago, Ill.	Premium.
Sept. 22	Menz & Garthwait, Milton Junction	Nelson Morris & Co., Chicago, Ill.	
Sept. 22	J. B. Smith, Janesville	Swift & Co., Chicago, Ill.	Lincoln.
Sept. 26	S. P. Wilber, Delevan	Swift & Co., Chicago, Ill.	Jersey.
Sept. 26	Rogers Bros., Delevan	Swift & Co., Chicago, Ill.	Jersey.
Sept. 27	E. Gauger, Milwaukee	Swift & Co., Chicago, Ill.	Jersey.
Sept. 28	F. J. Kipp, Kenosha	Nelson Morris & Co., Chicago, Ill.	Supreme.
Sept. 28	Chas. A. Leonard, Kenosha	Armour & Co., Chicago, Ill.	
Sept. 28	Peshtigo Lumber Co., Peshtigo	Swift & Co., Chicago, Ill.	Lincoln.
Sept. 28	Joe Simandl, Milwaukee	Swift & Co., Chicago, Ill.	Jersey.
Sept. 28	R. Komorowski, Milwaukee		
Oct. 4	C. Carlstrom, Morse	Armour & Co., Chicago, Ill.	Lotus.
Oct. 5	J. S. Stearns Co., Olinah	Armour & Co., Chicago, Ill.	Lotus.
Oct. 5	Geo. S. Robinson, Amberg	Swift & Co., Chicago, Ill.	Lincoln.
Nov. 15	L. J. Horstman, Baraboo	Swift & Co., Chicago, Ill.	Jersey.
Nov. 21	J. A. Wineberg, Kenosha	Armour & Co., Chicago, Ill.	Star.
Nov. 21	H. F. Parker & Co., Kenosha	Nelson, Morris & Co., Chicago, Ill.	Supreme.
Nov. 21	M. Jensen, Racine	Braun & Fitts, Chicago, Ill.	Dandy.
Nov. 22	Leonard Bros., Kenosha	Armour & Co., Chicago, Ill.	Star.
Nov. 22	J. Olson & Son, Racine	Armour & Co., Chicago, Ill.	East Lake.
Nov. 22	L. A. Peil & Co., Racine	Braun & Fitts, Chicago, Ill.	Dandy.
Nov. 22	F. J. Kipp, Kenosha	Nelson, Morris & Co., Chicago, Ill.	Supreme.
Nov. 22	L. Schneider, Racine	Armour & Co., Chicago, Ill.	East Lake.
Nov. 23	Jos. Simandl, Milwaukee	Swift & Co., Chicago, Ill.	Jersey.
Dec. 17	J. Thielman, Merrill	Friedman Manufacturing Co., Chicago, Ill.	
Dec. 19	John Ohafen, Tomahawk	Armour & Co., Chicago, Ill.	East Lake.
Dec. 19	D. C. Jones, Tomahawk	Swift & Co., Chicago, Ill.	Lincoln.
Dec. 23	H. J. Napper, Clinton	Swift & Co., Chicago, Ill.	
Oct. 5	Wm. Dittus, Bayfield	Swift & Co., Chicago, Ill.	Lincoln.

OLEOMARGARINE HELD TO BE IN IMITATION OF YELLOW BUTTER, HENCE UNLAWFUL—Continued

Date.	Dealer.	Manufacturer.	Brand.
1905			
Jan. 19	W. H. Kropp, Stoughton	Armour & Co., Chicago, Ill.	Buttercup.
Jan. 26	Geo. Hale & Son, Kenosha	Geo. P. Braun, Chicago, Ill.	Prairie Queen.
Jan. 26	C. J. Wade, Kenosha	Nelson, Morris Co., Chicago, Ill.	
Jan. 27	Albertson & Larson, Racine	Armour & Co., Chicago, Ill.	Star.
Jan. 27	A. Anderson, Racine	Braun & Fitts, Chicago, Ill.	Dandy.
Jan. 27	M. Jenson, Racine	Geo. P. Braun, Chicago, Ill.	Dandy.
Jan. 27	Hanlon Bros., Racine	G. H. Hammond Co., Chicago, Ill.	
Jan. 27	F. Malsch, Racine	Armour & Co., Chicago, Ill.	Star.
Jan. 27	A. D. Hermes, Racine	Armour & Co., Chicago, Ill.	Star.
Jan. 27	Geo. J. Nehr, Eau Claire	Swift & Co., Chicago, Ill.	Jersey.
Jan. 27	Kahn & Bachman, Eau Claire	Swift & Co., Chicago, Ill.	Jersey.
Jan. 27	C. Nelson, Eau Claire	Swift & Co., Chicago, Ill.	Jersey.
Jan. 28	J. P. Meyer, Eau Claire	Armour & Co., Chicago, Ill.	Lotus.
Feb. 3	John Sieberlich, Milwaukee	Armour & Co., Chicago, Ill.	
Feb. 3	Emil Klotz, Milwaukee	Armour & Co., Chicago, Ill.	Buttercup.
Feb. 6	Olson & Kjorstad, Eau Claire	Swift & Co., Chicago, Ill.	Jersey.
Feb. 9	Wm. Raasch, Lake Geneva	Armour & Co., Chicago, Ill.	Star.
Feb. 10	J. W. Fritz, Ladysmith	Swift & Co., Chicago, Ill.	Jersey.
Feb. 10	J. W. Fritz, Ladysmith	Swift & Co., Chicago, Ill.	Lincoln.
Feb. 10	J. H. Hathway, Bruce	Armour & Co., Chicago, Ill.	Magnolia.
Feb. 10	Bruce Mer. Co., Bruce	Friedman & Co., Chicago, Ill.	Excelsior.
Feb. 10	U. G. Blood, Ingram	Swift & Co., Chicago, Ill.	Jersey.
Feb. 10	U. G. Blood, Ingram	Swift & Co., Chicago, Ill.	Lincoln.
Feb. 10	Aug. Schley, Waukesha	Armour & Co., Chicago, Ill.	Buttercup.
Feb. 10	P. Shock, Waukesha	Armour & Co., Chicago, Ill.	Buttercup.
Feb. 10	T. Raal & Son, Waukesha	Armour & Co., Chicago, Ill.	Buttercup.
Feb. 13	F. W. Hanzlik, Chippewa Falls	Swift & Co., Chicago, Ill.	Jersey.
Feb. 24	Wm. Biglar, Hayward	Armour & Co., Chicago, Ill.	Lotus.
Feb. 24	Rivkin Bros., Hayward	Armour & Co., Chicago, Ill.	Lotus.
Feb. 24	Wm. Bixby, Cable	Armour & Co., Chicago, Ill.	Lotus.
Feb. 25	Cudahy Bros., Neenah		
Feb. 28	A. J. Edminister, Holcome	Swift & Co., Chicago, Ill.	Jersey.
Mch. 3	W. H. St. John, Oshkosh	Friedman & Co., Chicago, Ill.	Excelsior.
Mch. 3	Dane Bros., Oshkosh	Friedman & Co., Chicago, Ill.	
Mch. 3	A. Lichtenberger, Oshkosh	Swift & Co., Chicago, Ill.	Jersey.
Msh. 7	E. H. Swartz, Marinette	Swift & Co., Chicago, Ill.	
Msh. 7	E. H. Swartz, Marinette	Swift & Co., Chicago, Ill.	Lincoln.

OLEOMARGARINE HELD TO BE IN IMITATION OF YELLOW BUTTER, HENCE UNLAWFUL—Continued.

Date.	Dealer.	Manufacturer.	Brand.
1905.			
Mch. 7	Peshtigo Lumber Co., Peshtigo	Swift & Co., Chicago, Ill.	
Mch. 8	H. T. Wussow & Son, Oshkosh	Swift & Co., Chicago, Ill.	
Mch. 8	Bird & Wells Lumber Co., Wausaukee		
Mch. 8	Wright Bros., Amberg	Swift & Co., Chicago, Ill.	Jersey.
Mch. 8	F. L. Kersten, Crivitz	Swift & Co., Chicago, Ill.	
Mch. 8	H. L. Duquain, Crivitz	Swift & Co., Chicago, Ill.	
Mch. 9	H. A. Hansen, Florence	Swift & Co., Chicago, Ill.	
Mch. 9	C. Neuquist, Florence		
Mch. 9	H. A. Hansen, Florence	H. A. Moxley, Chicago, Ill.	
Mch. 10	T. & D. Oyass, Superior	Swift & Co., Chicago, Ill.	Jersey Roll.
Mch. 10	A. Smith, Antigo	Swift & Co., Chicago, Ill.	Lincoln.
Mch. 10	Whitcomb Lumber Co., Whitcomb	Swift & Co., Chicago, Ill.	
Mch. 10	Buckstoft Lumber Co., Morris	Friedman, Chicago, Ill.	Perfection.
Mch. 15	Standard Mer. Co., Tomahawk	Armour & Co., Chicago, Ill.	East Lake.
Mch. 15	D. C. Jones, Tomahawk	Armour & Co., Chicago, Ill.	East Lake.
Feb. 16	Welman & Hanson, Ashland	Swift & Co., Chicago, Ill.	Lincoln.
Mch. 16	John Oelhafen, Tomahawk	Armour & Co., Chicago, Ill.	East Lake.
Mch. 16	Gisner Bros., Ashland	Swift & Co., Chicago, Ill.	Jersey.
Mch. 16	Gisner Bros., Ashland	Swift & Co., Chicago, Ill.	Lincoln.
Mch. 16	P. Keenan, Ashland	Swift & Co., Chicago, Ill.	Jersey.
Mch. 16	L. Daniels, Ashland	Swift & Co., Chicago, Ill.	Jersey.
Mch. 17	Raaup Bros., Washburn	Swift & Co., Chicago, Ill.	
Mch. 17	Raaup Bros., Washburn	Swift & Co., Chicago, Ill.	
Mch. 17	Kranzfiedler Bros., Bayfield	Swift & Co., Chicago, Ill.	Jersey.
Mch. 17	Kranzfiedler Bros., Bayfield	Swift & Co., Chicago, Ill.	Lincoln.
Mch. 17	Wm. Dittus, Bayfield	Swift & Co., Chicago, Ill.	Jersey.
Mch. 17	Wm. Dittus, Bayfield	Swift & Co., Chicago, Ill.	Lincoln.
Mch. 17	S. E. Swanson, Washburn	Swift & Co., Chicago, Ill.	Lincoln.
Mch. 17	F. L. Hunt, Phillips	Swift & Co., Chicago, Ill.	Lincoln.
Mch. 17	R. T. Bretingross, Phillips	Armour & Co., Chicago, Ill.	Buttercup.
Mch. 17	J. Keech, Mellen	Swift & Co., Chicago, Ill.	Jersey.
Mch. 17	U. S. Leather Co., Mellen	Armour & Co., Chicago, Ill.	Lotus.
1906			
Jan. 25	Mielenz & Co., Milwaukee	Swift & Co., Chicago, Ill.	Jersey.
Feb. 9	Rust & Hinze, Sheboygan	Swift & Co., Chicago, Ill.	Roll.
Feb. 7	Mielenz & Co., Milwaukee	Swift & Co., Chicago, Ill.	Roll.
Feb. 8	Mielenz & Co., Milwaukee	Swift & Co., Chicago, Ill.	

* Submitted.

OLEOMARGARINE HELD TO BE IN IMITATION OF YELLOW BUTTER, HENCE UNLAWFUL—Continued.

Date.	Dealer.	Manufacturer.	Brand.
1906.			
Feb. 8	Mielenz & Co., Milwaukee	Swift & Co., Chicago, Ill.	Jersey.
Feb. 8	Otto E. Preiss, Milwaukee	Swift & Co., Chicago, Ill.	Lincoln.
Feb. 8	Amann McCabe, Milwaukee	Swift & Co., Chicago, Ill.	Roll.
Feb. 9	Arthur Mauz, Sheboygan	Nelson, Morris Co., Chicago, Ill.	Roll.
Feb. 9	Fred Mueller, Sheboygan	Swift & Co., Chicago, Ill.	
Mch. 19	Peshtigo Lumber Co., Peshtigo	Swift & Co., Chicago, Ill.	
Mch. 19	E. H. Schwartz & Co., Marinette	Swift & Co., Chicago, Ill.	
Mch. 20	Geo. S. Robinson, Amberg	Swift & Co., Chicago, Ill.	
Mch. 21	Frank Kadulski, Niagara	Armour & Co., Chicago, Ill.	Lincoln
Mch. 27	M. J. Dickinson, Wabeno	Armour & Co., Chicago, Ill.	East Lake.
Mch. 23	Page & Laudeck Co., Crandon	Swift & Co., Chicago, Ill.	Buttercup.
Mch. 27	T. R. Harper, Beloit	Swift & Co., Chicago, Ill.	Lincoln.
Mch. 27	A. E. Moody, Beloit	Armour & Co., Chicago, Ill.	Jersey.
Mch. 27	J. H. Ellingson, Beloit	Armour & Co., Chicago, Ill.	Tullip.
Apr. 2	H. G. Chase, Platteville	Swift & Co., Chicago, Ill.	Tullip.
Apr. 2	J. L. Mitchell, Platteville	Swift & Co., Chicago, Ill.	Jersey.
Apr. 2	John Woodward, Platteville	Swift & Co., Chicago, Ill.	Premium.
Apr. 2	Michael Washbusch, Fond du Lac	Nelson, Morris Co., Chicago, Ill.	Premium.
Apr. 4	A. P. Lawrence, Beaver Dam	Swift & Co., Chicago, Ill.	Jersey.
Apr. 4	Arthur Dunn, Baraboo	Swift & Co., Chicago, Ill.	Jersey Roll.
Apr. 5	A. J. Bentler, La Crosse	Swift & Co., Chicago, Ill.	Jersey.
Apr. 5	Marking Bros., La Crosse	Swift & Co., Chicago, Ill.	Jersey Roll.
Apr. 5	P. E. Sodeberg, La Crosse	Swift & Co., Chicago, Ill.	Jersey.
Apr. 4	Wm. Doerflinger Co., La Crosse	Swift & Co., Chicago, Ill.	Jersey.
Apr. 4	Wm. Doerflinger Co., La Crosse	Swift & Co., Chicago, Ill.	Lincoln.
Apr. 6	Mr. Ritter, Mauston	Swift & Co., Chicago, Ill.	Jersey.
Apr. 10	Martin Mohr, Beaver Dam	Swift & Co., Chicago, Ill.	Jersey.
Apr. 11	E. H. Swartz & Co., Marinette	Swift & Co., Chicago, Ill.	Jersey.
Apr. 11	E. H. Swartz & Co., Marinette	Swift & Co., Chicago, Ill.	Lincoln.
Apr. 12	Peshtigo Lumber Co., Peshtigo	Swift & Co., Chicago, Ill.	
Apr. 12	Geo. S. Robinson, Amberg	Cudahy & Co., Chicago, Ill.	
Apr. 12	Amann & McCabe, Milwaukee		
Apr. 12	A. Zastrow, Milwaukee		
Apr. 18	Chas. Weittenhiller, Platteville	Swift & Co., Chicago, Ill.	Jersey Roll.
Apr. 18	J. L. Mitchell, Platteville	Swift & Co., Chicago, Ill.	Jersey Roll.
Jan. 18	John Woodward, Platteville	Swift & Co., Chicago, Ill.	Jersey Roll.
May 1	Chas. Ehrman, Madison	Nelson, Morris Co., Chicago, Ill.	Peerless.

OLEOMARGARINE PASSED AS LAWFUL.

Date	Dealer.	Manufacturer.	Brand.
1904			
Mch. 3	Bull & Goodwin, Beloit	Braun & Fitts, Chicago, Ill.	Jersey. Holstein. Gilt Edge. Holstein. Holstein.
Mch. 3	W. M. Van Lome, Beloit	Braun & Fitts, Chicago, Ill.	
Sept. 22	H. J. Napper, Clinton	Swift & Co., Chicago, Ill.	
Sept. 23	Findlay & Co., Madison	Braun & Fitts, Chicago, Ill.	
Sept. 23	Brazer Bros., Beloit	Braun & Fitts, Chicago, Ill.	
Sept. 27	F. Harbridge, Racine	Braun & Fitts, Chicago, Ill.	
Sept. 27	C. Harting & Co., Racine	Braun & Fitts, Chicago, Ill.	
Sept. 27	Robt. Hoyer, Milwaukee	Braun & Fitts, Chicago, Ill.	
Sept. 29	Savage & Sons, Milwaukee	Braun & Fitts, Chicago, Ill.	
Sept. 29	O. R. Pieper, Milwaukee	Braun & Fitts, Chicago, Ill.	
Oct. 1	D. C. Adams, Milwaukee	Braun & Fitts, Chicago, Ill.	
Nov. 22	Haumerson & Co., Racine	Armour & Co., Chicago, Ill.	Star.
1905			
Jan. 19	Rasmussen & Howe, Stoughton	Swift & Co., Chicago, Ill.	Jersey. Holstein.
Jan. 21	F. Pire & Co., Beloit	Braun & Fitts, Chicago, Ill.	
Jan. 26	F. F. Joerndt, Kenosha	Braun & Fitts, Chicago, Ill.	Prairie Queen. Holstein.
Jan. 26	J. A. Weineberg, Kenosha	Braun & Fitts, Chicago, Ill.	
Jan. 27	Christ Slot, Racine	Braun & Fitts, Chicago, Ill.	
Feb. 3	Peuther & Schwenger, Milwaukee	Armour & Co., Chicago, Ill.	Holstein.
Mch. 9	W. H. Lucia, Hurley	Braun & Fitts, Chicago, Ill.	
1906			
Apr. 6	Wells & Terry, Tomah	Nelson, Morris & Co., Chicago, Ill.	White Monarch. Jersey.
Apr. 7	Nowacks & Sell, Watertown	Swift & Co., Chicago, Ill.	

PEPPER.

Eleven samples of ground black pepper were found to be adulterated, the common adulterants used being ground and roasted cereals, olive pits, pepper shells, and cocoanut and other nut shells.

The results of the pepper analyses are given on page 138.

MAPLE SUGARS.

Forty-four samples of maple sugar were analyzed, of which only five were passed as lawful. Of the adulterated samples many contained little or no maple sugar, being frequently made solely from cane sugar with the addition of caramel and maple flavor. The better class of adulterated maple sugars are compounds of maple and cane sugar in varying proportions, Canadian maple sugars being generally chosen for this purpose because of their deeper color and stronger taste.

On pages 139-140 will be found a list of the adulterated maple sugars as well as those passed as lawful.

MAPLE SYRUPS.

Of 115 samples of maple syrup analyzed, 71%, covering 58 brands, were found adulterated. Most of these adulterated samples contained little or no maple syrup, being mainly composed of cane sugar syrup, artificial coloring and "maple flavor." Several of the syrups had been made from decoctions of maple wood and bark while others had probably obtained their "maple flavor" from corn cobs. Still others were mixtures of maple syrup and cane sugar syrup in varying proportions. One sample was also found to contain saccharin. Most of the adulterated maple syrups listed below have either been driven from Wisconsin markets or are at present being sold for what they are; viz., as "syrups" or as "Compound Maple and Cane Syrups." Deception is, however, still frequently practiced by showing maple groves, maple leaves or other misleading devices on the label.

The results of analysis of the 155 samples of maple syrups are given on pages 141-144.

ADULTERATED PEPPERS.

Date	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905				
Aug. 8	A. Walburn & Co., Menasha.....	Nixon & Co., Chicago, Ill.....	.....	Heavily adulterated with olive pits.
Aug. 19	C. Schwan, Kenosha.....	Henry Horner Co., Chicago, Ill.....	.....
Sept. 25	J. A. Wilson, Markesan.....	Nixon & Co., Chicago, Ill.....	.....	Heavily adulterated.
Dec. 20*	Joannes Bros., Green Bay .....	.....	.....
1906.				
Feb. 23	J. Buhlman, Waunakee	Reid, Henderson Co., Chicago, Ill.....	Reids.	Heavily adulterated with olive pits and foreign starch.
Mch. 6	Musum Olson Co., Eau Claire....	Reid, Henderson Co., Chicago, Ill.....	Reid's 100 Per Cent Pure Pepper	Heavily adulterated.
Mch. 6	A. Nelson & Co., Eau Claire	Edward Dewey Co., Milwaukee.....	.....	Not a pure pepper.
Apr. 14	Ogema Lumber Co., Ogema	J. P. Dieter Co., Chicago, Ill.....	Dieter's	Heavily adulterated.
Apr. 25	Grelle & Hamon, Unity	J. P. Dieter Co., Chicago, Ill.....	Dieter's	Heavily adulterated with olive pits and foreign starch.
June 6	Hanowitz, Mosinee	Durand & Kasper Co., Chicago, Ill.....	Ich Diene	Heavily adulterated with olive pits.
June 13	Jos. Leinenweber, Kenosha	McNeil, Higgins Co., Chicago, Ill.	Empire	Heavily adulterated with olive pits.

* Submitted.

PEPPERS PASSED AS LAWFUL.

Date.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.
1906.			
Feb. 14*	The Zinke Merc. Co., Fond du Lac.....	Minn. Mer. Co., Stillwater, Minn.	State. Gold Medal. Pure.
Apr. 12*	Beer Bros., Burkhardt.....	John Hoffman & Sons, Milwaukee.....	
Apr. 13	Cohen & Comins, Park Falls.....	Merchants Mills	
Apr. 26	Wm. Fleischman, Colby	Dieters.
May 21	Fred Bartell, Madison.....	.....
May 29	Grand Union Tea Co., Superior.....	Grand Union Tea Co., Brooklyn, N. Y.....	
June 5	Auerbach & Behling, Wausau.....	J. P. Dieter Co., Chicago, Ill.....	

* Submitted.

ADULTERATED MAPLE SUGAR.

Date.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.
1904.			
Feb. 24	Joe Stenz, Fond du Lac.....	Wellauer & Hoffman Co., Milwaukee.....	
Mar. 8	Bricton Mer. Co., Deerfield.....	Gould, Wells & Blackburn, Madison.....	
* Sept. 23	Smith Bros., Green Bay.....	Marshalltown Candy Co., Marshalltown, Ia.....	
* Sept. 23	Findlay & Co., Madison.....		
* Oct. 19	Smith Bros., Green Bay.....	Stroup & Cramer, Grand Rapids, Mich.....	
Oct. 19	C. Johnson & Son, Eau Claire.....	Franklin McVeigh, Chicago, Ill.....	Barrie.
Oct. 20	Farmers Produce Co., Chippewa Falls.....		
Oct. 20	A. Sands & Co., Chippewa Falls.....		
Oct. 29	J. L. Nelson, Spring Valley.....	Minnesota Mer. Co., Stillwater, Minn.....	Dells.
Nov. 18	M. L. Nelson, Madison.....		
Nov. 18	Kleuter Bros., Madison.....		
Nov. 18	A. W. Sinaiko, Madison.....		
Nov. 18	Thos. Olson, Madison.....		
Dec. 2	John Christiansen, Withee.....	Pierre Viau, Quebec, Canada.....	P. V.
Dec. 2	J. E. Jalling, Withee.....	Pierre Viau, Quebec, Canada.....	P. V.
Dec. 16	Max E. Boehn, Wausau.....	Scudders Syrup Co.....	Canadian.
Dec. 17	Stuemke Bros., Merrill.....		
Dec. 17*	Vogl Bros., Mishicot.....		
1905.			
Oct. 13*	Leo. A. Peil Co., Racine.....		
Dec. 12	C. S. Bassindale, Racine.....	A. Grossenbach, Milwaukee.....	
Dec. 12	P. Anderson, Racine.....		
Dec. 20	Slattery Bros., West Allis.....		Maple Grove.
1906.			
* Jan. 2	Leo. A. Peil Co., Racine.....		
Jan. 2	Piper Bros., Madison.....	Towle Syrup Co., St. Paul, Minn.....	Log Cabin.
Jan. 2	M. L. Nelson, Madison.....		
Feb. 6	M. F. Vichery & Son, Ft. Atkinson.....		
Feb. 7	Chas. Helgendorf & Son, Watertown.....	Scudders Syrup Co., Chicago, Ill.....	Scudders.
Feb. 9	Wm. Boek, Medford.....		
Feb. 12	Birkmose & Wieberg, Hudson.....	Minnesota Mer. Co., Stillwater, Minn.....	Dells.
Feb. 15	C. Friegnitz, Lake Mills.....	Scudders Syrup Co., Chicago, Ill.....	Scudders.
Mar. 15	Mills & Minor, Waukesha.....		P. V.
Mar. 16	L. J. Berge, Mt. Horeb.....	John Hoffman & Sons, Milwaukee.....	P. V.

ADULTERATED MAPLE SUGAR—continued.

Date.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.
1906.			
Mar. 17	Wm. Schuetz, Verona.....	John Hoffman & Sons, Milwaukee.....	P. V.
Mar. 19	S. Sylvester, Mt. Horeb.....	Scudders Syrup Co., Chicago, Ill.....	Scudders.
Mar. 20	Co-operative Store, Oconomowoc.....	Madison Candy Co., Madison.....	P. V.
Mar. 21	A. P. Lawrence, Beaver Dam.....	Madison Candy Co., Madison.....	P. V.
Mar. 21	L. J. Lee, Juneau.....	John Hoffman & Sons, Milwaukee.....	P. V.
Mar. 23	W. H. Smith, Pardeeville.....	John Hoffman & Sons, Milwaukee.....	P. V.
Apr. 13	Lenas A. Scheneseck, Butternut.....	John Hoffman & Sons, Milwaukee.....	P. V.
June 5	August Krueger, Wausau.....	Scudder's Syrup Co., Chicago.....	Scudders.

MAPLE SUGARS PASSED AS LAWFUL.

Date.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.
1905.			
Dec. 5	Purcell Bros., Madison.....	Sprague, Warner & Co., Chicago.....	Richelieu.
Dec. 5	Piper Bros., Madison.....	Welch Bros. Maple Co., Burlington, Vt.....	Pure Maple Sugar.
Dec. 7	Piper Bros., Madison.....	Not given.....	
1906.			
Jan. 2	Purcell Bros., Madison.....	Not given.....	
Jan. 2	Piper Bros., Madison.....	Not given.....	

MAPLE SYRUPS NOT LAWFUL.

Date.	Purchased of or submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1904.				
Apr. 12	Geo. Mehaffey, Richland Center..	S. Caddell, Gillingham, Wis.....	.....
Apr. 28	H. Sherman, Richland Center.....	Sprague, Warner & Co., Chicago, Ill.....	Richelieu	
July 21	Theodore Erickson, Clayton.....	Green De Laittre Co., Minneapolis, Minn.....	Princess	
*	Beemis, Hooper, Hays Co., Oshkosh	Smith & Ball Co., Chicago, Ill.....	Ever First	
*	J. Hoffman & Sons, Milwaukee..	.....	Pierre Viaux	
*	John Vogelsang, Peshtigo.....	.....	Marked "A"	Contains little or no maple syrup.
*	John Vogelsang, Peshtigo.....	.....	Marked "B"	Contains little or no maple syrup.
*	John Vogelsang, Peshtigo.....	.....	Marked "C"	Contains little or no maple syrup.
*	E. F. Bunn, Madison .....	.....	.....
Oct. 19	A. Aarnstedt & Co., Eau Claire..	Durand, Kasper Co., Chicago, Ill.....	Ich Dien	
Oct. 29	O. W. Groot, Elmwood.....	Minnesota Mer. Co., Stillwater, Minn.....	State	
Oct. 16	Alex Rabarge, Rice Lake.....	Berry Maybrun Co.....	Northern Woods	
Dec. 9	J. L. Christopherson, Eau Claire.	Franklin, McVeigh & Co., Chicago, Ill....	Charm	Contains little or no maple syrup.
Dec. 9	Christ. Wilk, Eau Claire.....	Eddy & Eddy, St. Louis, Mo.....	High Grade	Contains little or no maple syrup.
Dec. 16	S. W. Hines Mer. Co., Cumberland	.....	.....
Dec. 16	Hans Peterson, Eau Claire.....	Durand, Kasper Co., Chicago, Ill.....	Probono	
Dec. 16	Max E. Boehn, Grand Rapids.....	Scudder Syrup Co.....	Canadian	
Dec. 17	Otto Sticking, Merrill.....	Kickbusch Grocery Co., Wausau, Wis....	Sugar Bush	
Dec. 20	W. H. Durkee, Rhinelander.....	Dahlman Imbusch Co., Milwaukee.....	New York Club.....	
Dec. 20	P. N. Hammer, Rhinelander.....	Joannes Bros., Green Bay.....	Ohio Sap	
1905.				
Jan. 1	Wm. Doerflinger, La Crosse.....	The Towle Syrup Co., St. Paul, Minn....	Log Cabin	
Feb. 10	T. Ryall & Son, Waukesha.....	Edward Dewey & Co., Milwaukee.....	.....
Mar. 9	Superior Cash Grocery Co., Sup.	Towle Syrup Co., St. Paul, Minn.....	Log Cabin	
Mar. 16	A. C. McDonald, Ashland.....	Orth Preserving Co., Ashland, Wis.....	Old Homestead.....	
Mar. 17	F. L. Hunt, Phillips.....	John Hoffman & Sons, Milwaukee.....	P. V.	
Apr. 8*	John Miller, Marinette.....	John McGuire, Pawns, Mich.....	.....	Contains little or no maple syrup.
Apr. 19	Rose Bros., Marshfield.....	Franklin, McVeigh & Co., Chicago, Ill....	Charm	Contains little or no maple syrup.

MAPLE SYRUP NOT LAWFUL—Continued.

Date.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905.				
Jan. 16	H. F. Renge, La Crosse.....	.....	.....	.....
Mar. 9	John Anderson, Superior.....	Wright, Clarkson Co., Duluth, Minn.....	Ivanhoe .....	.....
Mar. 9	J. H. Sedler & Co., Superior.....	Twohy, Eimon Co., Superior, Wis.....	Premium .....	.....
May 13*	F. Grandmatre, Chippewa Falls.....	.....	Nc. 1 .....	.....
May 15	Farmers Produce Co., Chippewa Falls.....	Stroup & Carmer Grand Rapids, Mich.....	Maple Leaf .....	.....
July 7*	A. H. Elliott, Beloit.....	.....	.....	.....
Aug. 1	M. H. Stevens, Milwaukee.....	.....	.....	Heavily adulterated.
Oct. 12	Chas. Rudebusch Co., Mayville.....	Chicago Concentrating Co., Chicago, Ill.....	Belmont	Heavily adulterated.
Oct. 13*	Leo A. Piel Co., Racine.....	.....	.....	.....
Oct. 23	T. A. Nealy, New London.....	Maple Forest Syrup Co., Maple Grove, Vermont.....	Maple Forest	Heavily adulterated.
Oct. 23	Geo. Baker, New London.....	Franklin, McVeigh & Co., Chicago, Ill.....	Lyndon	Heavily adulterated.
Oct. 30	C. A. Beedle, Clintonville.....	Durand, Kasper Co., Chicago, Ill.....	Probono	Heavily adulterated.
Oct. 31	J. M. Enson, Wausau.....	Scudder Syrup Co.....	Scudders	Heavily adulterated.
Oct. 31	J. M. Enson, Wausau.....	Kickbusch Grocery Co., Wausau, Wis.....	Sugar Bush	Heavily adulterated.
Nov. *	Board of Control.....	.....	.....	Heavily adulterated.
Nov. *	Board of Control.....	McNeil & Higgins Co., Chicago, Ill.....	.....	Heavily adulterated.
Nov. 2	Farmers Produce Co., Chippewa Falls.....	Stroup & Carmer, Grand Rapids, Mich.....	Maple Leaf	Heavily adulterated.
Nov. 6	F. L. Soehle, Madison.....	McNeil & Higgins Co., Chicago, Ill.....	Empire	Heavily adulterated.
Dec. 6	George Ellman, Madison.....	Henry Horner & Co., Chicago, Ill.....	Boulevard	Heavily adulterated.
Dec. 7	Piper Bros., Madison.....	Franklin, McVeigh & Co., Chicago, Ill.....	Club House .....	.....
Dec. 7	H. F. Tiedemann, Madison.....	Wm. R. Maniere, Chicago, Ill.....	Old Manse	Heavily adulterated.
Dec. 7	Olsen & Jacobson, Racine.....	Scudder Syrup Co.....	Scudders .....	.....
Dec. 12	G. A. Rickman, Racine.....	Dahlman & Inbusch, Milwaukee.....	New York Club.....	.....
Dec. 12	O. Anderson, Racine.....	Puhl & Webb Co., Chicago, Ill.....	.....	Heavily adulterated.
Dec. 12	O. Anderson, Racine.....	Stevenson & Gross Co., Chicago, Ill.....	Kinzie	Heavily adulterated.
Dec. 12	Lewis & Mohr, Racine.....	M. Owen & Son, Parkman, Ohio.....	Gilt Edge .....	.....
Dec. 12	C. Evenson, Racine.....	McNeil & Higgins Co., Chicago, Ill.....	Blossom	Heavily adulterated.
Dec. 14	Joseph Leinenweber, Kenosha.....	McNeil & Higgins Co., Chicago, Ill.....	Blossom .....	.....
Dec. 16	S. W. Hines, Cumberland.....	The Towle Syrup Co., St. Paul, Minn.....	Log Cabin	Heavily adulterated.
Dec. 17	P. Hauscomb, Merrill.....	Reid, Murdock & Co., Chicago, Ill.....	Monarch .....	.....
Oct. 31	H. French, Mauston.....	.....	P. V. .....	.....
Nov. 16	Lind & Co., Eau Claire.....	Towle Maple Syrup Co., St. Paul, Minn.....	Log Cabin	Not a pure maple syrup.
Nov. 17	John Anderson, Fairchild.....	Durand & Kasper Co.....	Probono	Heavily adulterated.
Nov. 17	John Anderson, Fairchild.....	Truesdal Syrup Co., Freeport, Ill.....	Aunt Kate	Heavily adulterated.

MAPLE SYRUP NOT LAWFUL—continued

Date.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905.				
Nov. 29	T. M. Torgerson, Amery.....	St. Paul Syrup Refining Co., St. Paul, Minn.	Canada Sap	Heavily adulterated.
Dec. 5	Bibbs Grocery, Madison.....	Scudder Syrup Co.	Scudders	Heavily adulterated.
Dec. 5	N. Webber, Madison.....	E. R. Pahl & Co., Milwaukee.....	Gold Leaf	Not a pure maple syrup.
Dec. 5	M. Jensen, Madison.....	Gould, Wells, Blackburn Co., Madison.....	White House	Heavily adulterated.
Dec. 5	J. M. Reiss, Madison.....	Gould, Wells, Blackburn Co., Madison.....	Capitol	Heavily adulterated.
Dec. 6	Edward Hawley, Madison.....	Burlington Syrup Co., Burlington, Vt.....	P. V.	Not a pure maple syrup.
Dec. 7	Adam Duran, Madison.....	Pierre Viau Maple Co., Quebec, Canada ..	P. V.	Not a pure maple syrup. Contains saccharin.
Dec. 16	Johnson & Ecklie, Cumberland.....	Twohy Eimon Mer. Co., Superior, Wis.....	Echo	Heavily adulterated.
Dec. 16	S. W. Hines Co., Cumberland.....	Twohy Eimon Co., Superior, Wis.....	Sap Maple Syrup.....	Heavily adulterated.
Dec. 16	S. W. Hines Co., Cumberland.....	Twohy Eimon Co., Superior, Wis.....	Log Cabin Camp Syrup	Sold as maple syrup.
Dec. 22	Barrett's Dept. Store, Milwaukee.....	Towle Maple Syrup Co., St. Paul, Minn.....	Log Cabin	Heavily adulterated.
Dec. 22	O. R. Pieper, Milwaukee.....	E. T. Cowdry Co., Boston, Mass.....	Bay State	Heavily adulterated.
Dec. 21	Chas. Miller & Son, Milwaukee.....	William R. Manierre, Chicago.....	Old Manse	Heavily adulterated.
Dec. 20	Bauman Bros., Milwaukee.....	Scudder Syrup Co., Chicago.....	Scudders	Heavily adulterated.
Dec. 19	Paul F. Bunke Co., Milwaukee.....	The Gallasch Co., Milwaukee.....	Gallasch	Heavily adulterated.
1906.				
Jan. 4	E. Kuesson, Kenosha.....	Henry Horner, Chicago, Ill.....	Boulevard	Heavily adulterated.
Jan. 5	Wm. Heisterkemp, Shell Lake.....	St. Paul Refining Co., St. Paul, Minn.....	Colonial Club	Heavily adulterated.
Jan. 13	Jas. G. Dailey, Hudson.....	National Refining Co., St. Paul, Minn.....	Canada Sap	Heavily adulterated.
Feb. 13	W. E. Kingsberry, Stevens Point.....	Eddy & Eddy, St. Louis, Mo.....	Eddy's High Grade	Contains no maple syrup.
Feb. 14	Joseph Borecky, Ashland.....	Towle Syrup Co., St. Paul, Minn.....	Log Cabin	Not a pure maple syrup.
Feb. 14	Adam Duran, Madison.....	Pierre Viau Maple Co., Quebec, Canada ..	P. V.	Contains saccharin.
Feb. 16	George Pasay, Washburn.....			Contains no maple syrup.
Feb. 16	Gross & Lyons, Grand Rapids.....	Sprague Warner & Co., Chicago, Ill.....	Ferndell	Heavily adulterated.
Feb. 21	Carroll Bros., Monroe.....			Heavily adulterated.
Feb. 23*	W. J. Pierce, Plover.....	Said to be McTeeson, Pike Lake.....		Not a maple syrup.
Mch. 1	Ben. C. Lee & Co., Ladysmith.....	Griggs, Cooper & Co., St. Paul, Minn.....	Home	Heavily adulterated.
Mch. 2	Gfroerer & Barber, Kenosha.....	Henry Horner & Co., Chicago, Ill.....	Boulevard	Heavily adulterated.
Mch. 6	Chas. Wilk, Eau Claire.....	Eddy & Eddy, St. Louis, Mo.....	High Grade	Heavily adulterated.
Apr. 6	John Stilp, Neenah.....	Pierre Viau Maple Co., Quebec, Canada ..	P. V.	Not a pure maple syrup.
Apr. 11	F. W. Wallitz, Ripon.....	Pierre Viau Maple Co., Quebec, Canada ..	P. V.	Contains saccharin.

MAPLE SYRUP NOT LAWFUL—Continued.

Date.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1906				
Apr. 13	Wm. Rabenowich & Sons, Park Falls	Pierre Viau Maple Co., Quebec, Canada...	P. V.	Contains saccharin.
Apr. 13	A. W. Rasmussen, Park Falls	Pierre Viau Maple Co., Quebec, Canada...	P. V.	Not a pure maple syrup.
Apr. 26	Fred Schenk, Madison	Pierre Viau Maple Co., Quebec, Canada...	P. V.	Not a pure maple syrup.
May 22	Alex Cluczykowski, Ashland	Wm. R. Manierre, Chicago, Ill.	Old Manse.	Heavily adulterated.
June 8*	J. W. Jeffers, Hancock	Chas. Dunham, Hancock	.....	Not a pure maple syrup.
June 8*	D. L. Buxton, Hancock	Chas. Dunham, Hancock	.....	Not a pure maple syrup.
June 13	Werwil Bros., Kenosha	McNeil Higgins Co., Chicago, Ill.	Blossom	Heavily adulterated.

* Submitted.

MAPLE SYRUPS PASSED AS LAWFUL.

Date.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.
1904			
Feb. 8*	J. Russell Brown, Sabin	J. Russell Brown, Sabin, Wis.	
Apr. 30*	Scott Hatch, Edgerton	.....
May 30*	Theo. A. Clark, Edgerton	Samuel Clark, Independence, N. Y.	
	A. Mengel, Bangor	.....
Dec. 28*	Wm. Duenow, Chippewa Falls	Wm. Christal, Eagleton, Wis.	
1905			
Apr. 2*	C. Carlstrom, Mellen	Stone, Orden, Wells Co., Duluth, Minn.	Old Moose.
Apr. 8*	C. E. Brook, Granton	C. E. Brooks, Granton	
Apr. 7	Joseph Desroches, Peshtigo	E. Broult, Peshtigo	
Sept. 7	Buntrock & Kronitz, Embarrass	Edward Kemp, Pella, Wis.	
Nov. 20*	O. H. Cooley, Richland Center	.....
Dec. 5	Mrs. C. C. Parline, Wausau	.....
Dec. 19	J. McNamara, Madison	Welch Bros. Maple Co., Burlington, Vt.	Vermont First Quality.
Dec. 22	Theador Bethke, Milwaukee	Dahlman & Inbusch, Milwaukee	New York Club.
	H. W. Goetz, Milwaukee	Dahlman & Inbusch, Milwaukee	New York Club.
1906			
Mch. 20	Nick Birnbaum, La Crosse	Arcadia Maple Co.	Canadian Club.
May 9	Piper Bros., Madison	C. A. Crane, Warren, Ohio	Pride of Ohio.
June 12	O. R. Piper, Milwaukee	Travis & Co., Middlefield, Ohio	White Label.
June 19	M. L. Nelson, Madison	Robinson & Co., Middlefield, Ohio	Buckeye.
June 27	Victory Mer. Co., Augusta	Sprague, Warner & Co., Chicago, Ill.	Ferndell.
June 28	James G. Dailey Co., Hudson	St. Paul Refining Co., St. Paul, Minn.	Canadian Sap.

* Submitted.

OTHER SYRUPS.

Besides maple syrup, 48 other syrups and saccharine solutions, including fruit syrups, sorghums, molasses, table syrups and maple syrup substitutes were analyzed, of which 33 were pronounced adulterated or misbranded. Most of the samples sold as rock candy syrup or drips, table syrup, sugar syrup and cane sugar syrup, and so labeled, were found to be compound glucose mixtures containing but little cane syrup. Several samples sold as pure sorghum were found to consist mainly of glucose. One sample each of "maple cane syrup" and "maple cream" contained large quantities of the same adulterant. Two samples of maple syrup substitute, sold as "export syrup," were sweetened with saccharin. Since the enactment of a law regulating the sale of syrup, sorghum, molasses and glucose mixtures, which went into effect Oct. 1, 1905, there has been a great improvement in Wisconsin in the sale of these foods; Compound Glucose Mixtures are now generally sold under that name or under the name of Corn Syrup, giving the percentage of ingredients. Mixtures that have been sold for years as Pure Louisiana Molasses or Sorghum are now labeled Compound Glucose Mixtures, 40% molasses (or Sorghum) and 60% Corn Syrup.

On pages 146-149 are given the results of the analyses of the miscellaneous syrups.

OTHER SYRUPS NOT LAWFUL.

Date.	Kind.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1904 Apr. 4	Rock candy.....	Northwestern Lumber Co., Stanley	Towle Syrup Co., St. Paul, Minn.	Towle Rock Candy Syrup	A compound glucose mixture.
June 9	Blackberry	New York Tea Co., Milwaukee	Durand Kasper Co., Chicago, Ill.	Liberty	Artificially colored.
June 15	Compound	C. R. Zinke, North Fond du Lac	Champion Syrup Co., Indianapolis, Ind.	Princess	A compound glucose mixture.
Oct. 6	Sugar syrup	Albert Holgaen, Washburn, Wis.	Towle Syrup Co., St. Paul, Minn.	Target	A compound glucose mixture.
Oct. 6	Sugar syrup	Geo. W. Seley, Washburn..	Towle Syrup Co., St. Paul..	Fancy Table	A compound glucose mixture, 6.8 per cent of cane sugar.
Oct. 20	Sorghum	J. Austin, Knapp	Louisiana Syrup & Molasses Co., St. Louis, Mo. ....	.....	.....
Oct. 18	Sugar drip	C. Nelson, Eau Claire	Sprague, Warner & Co., Chicago, Ill.	Revere	A compound glucose mixture.
Oct. 18	Rock candy drip.	N. J. McIntire, Eau Claire..	Towle Syrup Co., St. Paul, Minn.	Superior	A compound glucose mixture.
Dec. 14	Raspberry	H. C. Moen, Stevens Point .	Lamon, Gohl Sugar Co., Chicago, Ill.	Banquet	Artificially colored.
Oct. 26	Sugar syrup	E. L. Snyder, Thorp, Wis. .	Steele, Wedeles & Co., Chicago, Ill.	Chicago Drips	A compound glucose mixture.
Oct. 29	Sugar syrup	Gordon & Anderson, Spring Valley	Sprague, Warner & Co., Chicago, Ill.	Climax	A compound glucose mixture.
	Syrup	G. M. Frohmader, Camp Douglas	Corn Products Co., Davenport, Ia.	Imperial	A compound glucose mixture.
	Table syrup	G. M. Frohmader, Camp Douglas	Illinois Sugar Ref. Co., Chicago, Ill.	Santee	A compound glucose mixture.

OTHER SYRUPS NOT LAWFUL—continued.

Date.	Kind.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905.	Table Syrup.....	A. C. Johnson, Camp Douglas	Reid, Murdock & Co., Chicago, Ill.	Sunlight	A compound glucose mixture.
Nov. 8	Sorghum syrup ..	W. S. Kepler & Co., Durand	Louisiana Sugar & Molasses Co., St. Louis, Mo.	Big Sandy	Consists mainly of glucose.
*	Syrup	Board of Control .....	.....	.....	Compound glucose mixture. 4.5 per cent cane sugar.
Dec. 7*	Sorghum	McNulty Bros., Spring Green	Louisiana Sugar & Molasses Co., St. Louis, Mo.	Big Sandy	Consists mainly of glucose.
Dec. 12	Compound syrup.	N. Bierma, Osseo	Bonk Syrup Co., Minneapolis, Minn.	Superior	A glucose mixture containing 21.6 per cent sucrose.
Oct. 12	Corn syrup	Chas. Rudebusch, Mayville ..	J. Hoffman & Sons Co., Milwaukee, Wis.	Diamond Drips	A compound glucose mixture.
Nov. 16	Table syrup	Lind & Co., Eau Claire	Sprague, Warner & Co., Chicago, Ill.	Fancy Table Syrup ...	A compound glucose mixture.
Nov. 20	Corn and cane syrup	A. Heiting, Stanley	Griggs, Cooper & Co., St. Paul, Minn.	Palace Drips	A compound glucose mixture.
Nov. 29	Compound fancy table	Peterson & Dahl, Amery	J. H. Allen & Co., St. Paul, Minn.	Climax	A compound glucose mixture.
Nov. 29	Compound fancy table	T. M. Torgerson, Amery	St. Paul Refining Co., St. Paul, Minn. ....	.....	A compound glucose mixture.
Nov. 29	Cane sugar syrup.	Hugh Philipps, Amery	St. Louis Syrup Co., St. Louis, Mo.	Nectar Syrup	A compound glucose mixture containing only 6 per cent cane sugar.

OTHER SYRUPS NOT LAWFUL—continued.

Date.	Kind.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905. Dec. 16	Corn syrup	Geo. V. Siegner, Spooner ..	Griggs, Cooper & Co., St. Paul, Minn.	King Corn Table Syrup	A compound glucose mixture.
Dec. 16	Corn and cane syrup	H. Woodcock, Cumberland .	J. O. Johnson & Co., Minneapolis, Minn.	Fancy Table Syrup ..	A compound glucose mixture.
Dec. 16	Molasses	Company's Store, Cumberland	Stone, Ordean, Wells & Co., Duluth, Minn.	Pickaninny	Contains sulphurous acid.
Dec. 22	Syrup	Ridgeland Supply Co., Ridgeland	Eau Claire Grocery Co., Eau Claire	Sweet Clover	A compound glucose mixture.
Dec. 26*	Sorghum	A. Hoff, Mt. Horeb .....	.....	Pure Sorghum	Heavily adulterated with glucose.
1906 Jan. 13	Maple cane	Birkmose & Wieberg Co., Hudson	G. W. Goyer & Co., Memphis, Tenn.	Goyer's Maple Cane ..	A compound glucose mixture.
Mch. 16	Maple cream	Lavin & Nordin, Ashland ...	Marshalltown Syrup Co., Marshalltown, Ia.	Maple Cream	Contains about 30 per cent of glucose.
Apr. 6	P. V. syrup	A. H. Neudeck, Neenah	Pierre Viau Maple Co. Quebec, Canada	P. V.	Contains saccharin.
Apr. 26	Export syrup	Chas. H. Marks, Madison ..	Pierre Viau Maple Co. Quebec, Canada	P. V.	Contains saccharin.

OTHER SYRUPS PASSED AS LAWFUL.

Date.	Kind.	Purchased of or Submitted by.	Manufacturer or Jobber.	Brand.	Remarks.
1905					
Jan. 17	Syrup	J. B. Murray, La Crosse	The Towle Syrup Co., St. Paul, Minn.	Log Cabin Camp Syrup	
Nov. 17	New Orleans Molasses	John Anderson Co., Fairchild			
Nov. 17	New Orleans Molasses	Farmers' Mutual Trading Co., Fairchild			
Nov. 17	Sorghum	Farmers' Mutual Trading Co., Fairchild	Oelerich & Laux, Chicago, Ill.	Orange Cane Sorghum	
Dec. 16	New Orleans Molasses	H. Woodcock, Cumberland ..			
Dec. 16	New Orleans Molasses	C. S. Nelson & Co., Spooner ..			
1906					
Jan. 2	Sorghum	Purcell Bros., Madison	Sprague, Warner & Co., Chicago, Ill.		
Feb. 9	Molasses	W. G. Liebig Mer. Co., Medford			
Feb. 19*	Sorghum	W. F. Lindemann & Co., Viroqua			
Mch. 3	Molasses	Findley & Co., Madison			
Dec. 21	Syrup	Geo. Wagner, Milwaukee ...	Dahlman & Inbusch, Milwaukee	N. Y. Club	A maple syrup substitute.
Apr. 10	Export Syrup ...	Rank & Rusink, Waupun	Pierre Vieux Maple Co., Chicago	P. V.	A maple syrup substitute.
Apr. 11	Export Syrup ...	Dolliver & Grotta, Berlin ...	Pierre Vieux Maple Co., Chicago	P. V.	A maple syrup substitute.
May 9	Scudder's Canadian	O. R. Jacobson, Madison ...	Scudder's Syrup Co., New York		A maple syrup substitute. Cane sugar, 2.9 per cent, glucose, 86.5 per cent.
June 27	Syrup	Dr. L. H. Crane, Dorchester ..			

* Submitted.

VINEGARS.

A new law on vinegar, which went into effect Jan 1, 1906, raises the legal strength of all vinegars except cider vinegar from 4 to $4\frac{1}{2}\%$ acetic acid, and reduces the requirement of cider vinegar solids in cider vinegar from 2 to $1\frac{3}{4}\%$, and prescribes more definitely how the various kinds of vinegar should be stenciled or branded. It furthermore prohibits the sale of vinegar containing pyroligneous acid and the use of artificial coloring in any vinegar. This latter provision, which did not go into effect until July 1, 1906, makes the sale of all so-called "brown vinegar" unlawful in the future.

Of the 250 samples of vinegar analyzed, 198 were declared unlawful. Of these, 27 were below the legal standard in acetic acid or cider vinegar solids or both; 9 samples of white spirit vinegar were sold as white wine vinegar; 85 samples sold as cider vinegar were found to be adulterated, while 77 sales were declared unlawful because the stenciling on the barrels did not comply with the requirements of the law. While the use of the term "white wine vinegar" for white spirit vinegar has become very common with the trade, it is clearly a deception and unlawful, even though vinegar made by the fermentation of white wine is uncommon in this state. Six samples purchased for cider vinegar were found to be artificially colored spirit vinegars. Most of the other adulterated cider vinegars had been made in whole or in part from unfermented apple solids and spirit vinegar, but in some instances cane sugar, invert sugar and glucose made up most of the "solids" of the vinegar.

The tables on pages 151-161 give the results of the vinegar analyses.

VINEGARS NOT LAWFUL.

Date.	Sold for.	Purchased of or Submitted by.	Total acidity calc. as acetic acid. Per cent.	Total Solids. Per cent.	Remarks.
1904					
Apr. 9	White wine vinegar.	F. N. Kern & Co., Fennimore	6.1	0.14	Not a white wine vinegar.
June 13	Cider vinegar	Lewis Dralle, Milwaukee	4.31	1.7	Adulterated.
June 13	Distilled vinegar	Lewis Dralle, Milwaukee	4.2	.....	Not lawfully stenciled.
June 15	Cider vinegar	Dilling, & Kaughman Fond du Lac	4.27	1.7	Adulterated.
June 15	Cider vinegar	W. C. Solle, Fond du Lac	3.7	0.31	An adulteration.
June 16	Cider vinegar	F. E. Stacks, Fond du Lac.	4.1	2.5	Adulterated.
June 16	Cider vinegar	Richard A. Fenger, Fond du Lac	4.14	2.2	Adulterated.
June 23	Cider vinegar	Stiles & Rogers, Beloit	3.84	2.5	Adulterated.
June 24	Cider vinegar	B. Treviette, Beloit	4.7	1.6	Deficient in cider vinegar solids.
July 11*	Cider vinegar	Farmer's Store Co., Chippewa Falls	4.66	3.3	Adulterated.
July 19	White wine vinegar.	Fred Henchel, Ft. Atkinson.	4.35	.....	Not a white wine vinegar.
July 19	Cider vinegar	Marsh Bros., Ft. Atkinson	4.1	2.9	Adulterated.
July 19	"Home made" vinegar	S. Felbel, Ft. Atkinson	3.8	.....	Deficient in acetic acid.
July 19	Cider vinegar	Fred Henchel, Ft. Atkinson	4.05	1.6	Deficient in cider vinegar solids.
July 20	Cider vinegar	Boston Store, Milwaukee	3.76	1.9	Deficient in cider vinegar solids and acetic acids.
July 21*	Cider vinegar	T. Stoute, Jr., Clear Lake	4.3	1.3	Adulterated.
July 28	Cider vinegar	A. Erickson & Co., Black River Falls	4.2	2.4	Adulterated.
Aug. 4	Cider vinegar	Hillenbrand & Weisensel, Sun Prairie	4.4	2.4	Adulterated.
Aug. 4	Cider vinegar	J. E. Dott & Co., Sun Prairie	4.16	1.75	Deficient in cider vinegar solids.
Aug. 16*	Cider vinegar	W. S. Massner & Co., Arcadia	4.0	0.39	Adulterated.
* Sept. 22	White wine vinegar.	H. Grove & Sons, Madison	7.33	.....	Not a white wine vinegar.
Sept. 22	Cider vinegar	Con. Schmidt & Henderson, Milton Junction	4.1	2.3	Not lawfully stenciled.

VINEGARS NOT LAWFUL—Continued.

Date.	Sold for.	Purchased of or submitted by.	Total acidity calc. as acetic acid. Per cent.	Total Solids. Per cent.	Remarks.
1904					
Sept. 23	Cider vinegar	A. H. Elliot, Beloit	3.9	1.87	Deficient in acetic acid and cider vinegar solids.
Sept. 23	Cider vinegar	Wilkins & Hamilton, Clinton	4.0	2.5	An adulteration.
Sept. 23	Cider vinegar	J. McAlpin, Beloit	4.4	0.23	An adulteration.
Sept. 23	Cider vinegar	J. McAlpin, Beloit	4.3	1.63	An adulteration.
Sept. 23	Cider vinegar	Marks & Arnold, Belleville	4.7	2.35	Not lawfully stenciled.
Sept. 24	White vinegar	Marks & Arnold, Belleville	5.5	.....	Not lawfully stenciled.
Sept. 24	Distilled colored vinegar	Marks & Arnold, Belleville	4.2	.....	Not lawfully stenciled.
Sept. 24	Cider vinegar	J. S. Richards, Belleville	4.3	2.2	Not lawfully stenciled.
Sept. 24	Cider vinegar	C. H. Story, Belleville	4.4	2.0	Not lawfully stenciled.
Sept. 24	White vinegar	C. H. Story, Belleville	5.1	.....	Not lawfully stenciled.
Sept. 27	Cider vinegar	Herman & Ernest, Oshkosh	4.2	2.2	Not lawfully stenciled.
Sept. 27	Cider vinegar	R. B. Klug, Oshkosh	4.7	2.0	An adulteration.
Sept. 27	Pickling vinegar	R. B. Klug, Oshkosh	5.0	.....	Not lawfully stenciled.
Sept. 27	Cider vinegar	L. R. Mayer, Oshkosh	4.7	2.15	Not lawfully stenciled.
Sept. 27	Cider vinegar	Evans Bros., Oshkosh	4.6	2.6	Not lawfully stenciled.
Sept. 27	Cider vinegar	Rasmussen & Miller, Oshkosh	4.4	2.5	Not lawfully stenciled.
Sept. 27	Brown acid vinegar	A. Lichenberger, Oshkosh	4.2	.....	Not lawfully stenciled.
Sept. 27	Cider vinegar	H. C. Nelson, Oshkosh	4.7	2.5	Not lawfully stenciled.
Sept. 27	Brown acid vinegar	H. C. Nelson, Oshkosh	5.6	.....	Not lawfully stenciled.
Sept. 27	Cider vinegar	R. Birkman, Oshkosh	4.7	2.4	Not lawfully stenciled.
Sept. 27	Cider vinegar	M. J. Ditter, Oshkosh	5.0	2.9	Not a pure cider vinegar.
Sept. 27	Cider vinegar	Church Co., Oshkosh	4.2	1.4	An adulteration.
Sept. 27	Cider vinegar	Zenther & Kirk, Oshkosh	4.7	2.5	Not lawfully stenciled.
Sept. 27	Brown acid vinegar	Weideman Bros., Oshkosh	4.0	.....	Not lawfully stenciled.
Sept. 27	Cider vinegar	H. F. Wussow & Sons, Oshkosh	4.7	2.6	Not lawfully stenciled.
Sept. 28	White vinegar	F. Fritzen, Neenah	5.5	.....	Not lawfully stenciled.
Sept. 28	Cider vinegar	F. Fritzen, Neenah	4.7	2.3	Not a pure cider vinegar, an adulteration.
Sept. 28	Vinegar	J. J. Leutenegger, Neenah	4.2	2.7	Not lawfully stenciled.
Sept. 28	White wine vinegar	A. Dahms, Neenah	4.2	.....	An adulteration.

VINEGARS NOT LAWFUL—Continued.

Date.	Sold for.	Purchased of or submitted by.	Total acidity calc. as acetic acid. Per cent.	Total Solids.	Remarks.
1904.					
Sept. 23	Cider vinegar	A. Dahms, Neenah	4.9	2.5	Not lawfully stenciled.
Sept. 23	Cider vinegar	B. V. McDermott, Neenah	4.1	2.4	An adulteration.
Sept. 23	Cider vinegar	Johnson Bros., Neenah	4.5	2.7	Not lawfully stenciled.
Sept. 23	Cider vinegar	A. Lavey Co., Peshtigo	4.0	1.75	Deficient in cider vinegar solids. Not lawfully stenciled.
Sept. 23	White vinegar	W. M. Schrank, Peshtigo	4.2	.....
Sept. 23	Cider vinegar	H. Groessler, Peshtigo	4.2	2.2	An adulteration.
Sept. 23	Brown vinegar	Ellison Bros., Peshtigo	4.5	.....	Not lawfully stenciled.
Sept. 23	White vinegar	J. H. Stibbe, Peshtigo	4.0	.....	Not lawfully stenciled.
Sept. 23	Cider vinegar	J. H. Stibbe, Peshtigo	4.1	2.27	An adulteration.
Sept. 23	Cider vinegar	A. Simansky, Peshtigo	4.2	2.3	An adulteration.
Sept. 23	Cider vinegar	Peshtigo Lumber Co., Peshtigo	4.2	2.3	Not a pure cider vinegar.
Sept. 23	Cider vinegar	J. Courtney, Neenah	5.6	2.7	Not lawfully stenciled.
Sept. 23	Cider vinegar	A. H. Neudeck, Neenah	4.2	2.5	Not lawfully stenciled.
Sept. 23	Cider vinegar	W. Peterson, Neenah	4.4	2.0	Not lawfully stenciled.
Sept. 23	Brown vinegar	W. Peterson, Neenah	4.0	.....	Not lawfully stenciled.
Sept. 29	White acid vinegar	L. Schulmen, Marinette	3.8	.....	Deficient in acetic acid. Not lawfully stenciled.
Sept. 29	Cider vinegar	C. Nightingale, Marinette	4.6	2.4	An adulteration.
Sept. 29	Cider vinegar	G. Chudaeff, Marinette	4.8	2.1	An adulteration.
Sept. 29	Brown acid vinegar	F. Noorman, Marinette	3.5	.....	Deficient in acetic acid. Not lawfully stenciled.
Sept. 29	Cider vinegar	Jas. Whelihan, Marinette	4.6	3.4	An adulteration.
Sept. 29	Cider vinegar	J. J. Whelihan, Marinette	4.6	2.3	Not lawfully stenciled.
Sept. 29	Cider vinegar	C. F. Larson, Marinette	4.5	2.6	Not lawfully stenciled.
Sept. 29	Cider vinegar	A. Swanson, Marinette	4.6	2.5	An adulteration.
Sept. 29	Cider vinegar	Rydstrom & Nelson, Marinette	5.0	2.7	Not lawfully stenciled.
Sept. 29	Cider vinegar	D. Payette	3.8	2.1	Deficient in acetic acid. Not lawfully stenciled.
Sept. 29	White vinegar	E. La Perriere, Marinette	9.5	.....	Not lawfully stenciled.
Sept. 29	Cider vinegar	O. Nelson, Marinette	4.4	2.5	Not lawfully stenciled.
Sept. 29	Cider vinegar	E. La Perriere, Marinette	4.7	1.3	An adulteration.
Sept. 29	Cider vinegar	Olson Co., Marinette	4.5	3.36	An adulteration.
Sept. 30	White vinegar	M. Corn, Amberg	7.65	.....	Not lawfully stenciled.

VINEGARS NOT LAWFUL—Continued.

Date.	Sold for.	Purchased of or submitted by.	Total acidity calc. as acetic acid. Per cent.	Total Solids. Per cent.	Remarks.
1904.					
Sept. 30	White vinegar	Geo. L. Robinson, Amberg...	4.4	.....	Not lawfully stenciled.
Sept. 30	Cider vinegar	Wright Bros., Amberg.....	4.3	2.1	Not a pure cider vinegar.
Sept. 30	White distilled vinegar	H. Siegel, Milwaukee.....	3.7	.....	Deficient in acetic acid. Not lawfully stenciled.
Sept. 30	Distilled pickling vinegar	Max Silberg, Milwaukee.....	4.1	.....	Not lawfully stenciled.
Sept. 30	Cider vinegar	J. L. Lauer, Milwaukee.....	5.2	2.5	Not lawfully stenciled.
Sept. 30	Vinegar	J. L. Lauer, Milwaukee.....	8.4	.....	Not lawfully stenciled.
Sept. 30	Vinegar	J. L. Lauer, Milwaukee.....	8.3	.....	Not lawfully stenciled.
Sept. 30	White distilled vinegar	J. Jonas, Milwaukee.....	4.1	.....	Not lawfully stenciled.
Sept. 30	Cider vinegar	J. Jonas, Milwaukee.....	3.8	1.9	An adulteration.
Aug. 4*	Cider vinegar	Engel Bros., Sun Prairie....	3.9	2.3	An adulteration.
Sept. 22	Cider vinegar	Kelley & Stockman, Milton Junction	4.2	2.6	Not lawfully stenciled.
Sept. 27	Cider vinegar	W. H. St. John, Oshkosh....	3.8	0.28	Spirit vinegar; artificially colored.
Sept. 27	Cider vinegar	W. P. Pfeil, Oshkosh.....	3.9	0.42	Spirit vinegar; artificially colored.
Sept. 27	Cider vinegar	B. A. Lueck, Oshkosh.....	4.0	0.31	Spirit vinegar; artificially colored.
Sept. 28	Brown vinegar	Ellison Bros., Peshtigo.....	4.5	.....	Not lawfully stenciled.
Sept. 28	Cider vinegar	A. Simansky, Peshtigo.....	4.2	2.3	An adulteration.
Sept. 28	Cider vinegar	J. H. Stibbe, Peshtigo.....	4.1	2.27	An adulteration.
Sept. 28	White vinegar	J. H. Stibbe, Peshtigo.....	4.0	.....	Not lawfully stenciled.
Sept. 28	Cider vinegar	Peshtigo Lumber Co., Peshtigo	4.2	2.3	Not a pure cider vinegar.
Sept. 28	Cider vinegar	H. Groessler, Peshtigo.....	4.2	2.2	An adulteration.
Sept. 28	Cider vinegar	C. Reinke, Marinette.....	4.2	3.0	An adulteration.
Sept. 29	Cider vinegar	L. Laubenheimer, Marinette	3.8	0.25	Spirit vinegar; artificially colored.
Sept. 29	Cider vinegar	S. Doyle, Marinette.....	4.7	0.42	Spirit vinegar; artificially colored.
Sept. 29	Cider vinegar	T. J. Sauve, Marinette.....	4.2	2.3	An adulteration.
Sept. 29	Cider vinegar	Bjorklun & Johnson, Marinette	4.5	3.35	Adulterated.
Sept. 29	Cider vinegar	S. Rood & Co., Marinette....	4.2	3.2	Adulterated.

* Submitted.

VINEGARS NOT LAWFUL—Continued.

Date.	Sold for.	Purchased of or submitted by.	Total acidity calc. as acetic acid. Per cent.	Total Solids. Per cent.	Remarks.
1904.					
Sept. 29	Cider vinegar	Lauerman Bros., Marinette..	4.2	2.9	An adulteration.
Oct. 1	Cider vinegar	John Qualman, Milwaukee...	4.6	2.0	Not lawfully stenciled.
Oct. 1	Distilled pickle vinegar	John Qualman, Milwaukee...	6.5	.....	Not lawfully stenciled.
Oct. 6	Cider vinegar	A. Schindler, Monroe.....	4.2	1.9	Deficient in cider vinegar solids. Not lawfully stenciled.
Oct. 6	Cider vinegar	Hoesley & Grinnell, Monroe	4.35	2.0	Not lawfully stenciled.
Oct. 6	Cider vinegar	Young & Co., Monroe.....	4.0	1.72	Deficient in cider vinegar solids.
Oct. 6	White wine vinegar.	Young & Co., Monroe.....	4.1	0.31	Not a white wine vinegar.
Oct. 6	White wine vinegar.	G. A. Karlen, Monroe.....	3.45	.....	Deficient in acetic acid. Not a white wine vinegar.
Oct. 6	Cider vinegar	Carroll Bros., Monroe.....	4.1	2.1	Not lawfully stenciled.
Oct. 6	White pickling vinegar	A. Schindler, Monroe.....	4.5	.....	Not lawfully stenciled.
Oct. 6	Distilled colored vinegar	Carroll Bros., Monroe.....	4.1	.....	Not lawfully stenciled.
Oct. 6	White wine vinegar.	Hoesley & Grinnell, Monroe..	4.7	.....	Not a white wine vinegar.
Oct. 6	Cider vinegar	S. P. Schadel, Monroe.....	4.35	2.25	An adulteration.
Oct. 6	White vinegar	D. Becker, Monroe.....	5.75	.....	Not lawfully stenciled.
Oct. 6	Vinegar	E. B. Krise & Co., Monroe..	4.8	.....	Not lawfully stenciled.
Oct. 7*	Cider vinegar	Herman & Johnson, Iron River	4.5	2.8	An adulteration.
Oct. 12	Grain vinegar	Tarrant & Osgood, Janesville	.....	.....	An adulteration.
Oct. 12	Cider vinegar	W. W. Nash, Janesville.....	4.8	2.4	Not lawfully stenciled.
Oct. 12	Cider vinegar	Tarrant & Osgood, Janesville	4.9	2.6	Not lawfully stenciled.
Oct. 12	White wine vinegar.	W. W. Nash, Janesville.....	4.3	0.3	Not a white wine vinegar.
Oct. 12	Cider vinegar	C. M. Van Kirk, Janesville..	4.8	2.4	Not lawfully stenciled.
Oct. 13	White vinegar	Jacob Lang, Kaukauna.....	5.15	.....	Not lawfully stenciled.
Oct. 13	Cider vinegar	S. Kelley & Wilbur, Janesville	5.0	1.8	Deficient in cider vinegar solids.
Oct. 28*	Cider vinegar	Hanson & Johnson, Woodville	4.7	2.9	Not lawfully stenciled.
Oct. 29*	Cider vinegar	O. W. Groat, Elmwood.....	5.4	2.4	An adulteration.
Oct. 29*	Cider vinegar	Jensen & Haugen, Baldwin..	4.8	1.7	An adulteration.

VINEGARS NOT LAWFUL—Continued.

Date.	Sold for.	Purchased of or submitted by.	Total acidity calc. as acetic acid. Per cent.	Total Solids. Per cent.	Remarks.
1904.					
Oct. 29*	White wine vinegar.	Tappin Bros., Baldwin.....	5.7	.....	Not a white wine vinegar.
Dec. 23	Cider vinegar	Wilkins & Hamilton, Clinton	4.1	3.1	Heavily adulterated.
Dec. 23*	Cider vinegar	Chas. L. Karsten, Browns-	4.62	1.50	Deficient in cider vinegar solids.
		ville	5.0	2.9	Artificially colored. Adulterated.
Dec. 23*	Cider vinegar	M. P. Saunders, Ashland....	4.05	0.22	Not a cider vinegar. A spirit vinegar; artificially colored.
		J. W. Davis, Barneveld.....	4.0	1.75	Deficient in cider vinegar solids.
*	Cider vinegar	F. Wobig, Clinton.....	.....	.....	An adulteration.
*	Cider vinegar	O. R. Pieper, Milwaukee.....	.....	.....	.....
Oct. 6	White distilled vine-	S. P. Schadel, Monroe.....	.....	.....	Not lawfully stenciled.
	gar	Wm. Hughes, Pardeeville....	3.8	2.8	Deficient in acetic acid.
Nov. *	Cider vinegar	T. A. Perry, Edgerton.....	4.5	2.3	Not lawfully stenciled.
Nov. 8*	Cider vinegar	Alex. Robarge, Rice Lake....	5.2	2.3	An adulteration.
Nov. 16*	Cider vinegar	C. F. Henrich, River Falls..	5.0	2.2	Not lawfully stenciled.
Nov. 25	Cider vinegar	John Christersen, Withee....	4.8	2.3	Heavily adulterated.
Dec. 2	Cider vinegar	Engel Bros., Sun Prairie....	.....	.....	Not a pure cider vinegar.
Dec. 7	Cider vinegar	Engel Bros., Sun Prairie....	.....	.....	Not a pure cider vinegar.
Dec. 7	Cider vinegar	Hillenbrand & Weisensel,	.....	.....	.....
		Sun Prairie .....	.....	.....	An adulteration.
Dec. 9	White distilled vine-	J. L. Christopherson, Eau	.....	.....	.....
	gar	Claire	5.6	.....	Not stenciled as required by law.
Dec. 14	Cider vinegar	H. D. McCulloch, Stevens	.....	.....	.....
		Point	5.0	2.0	An adulteration.
Dec. 14	Brown distilled vine-	A. F. Behrendt, Stevens	.....	.....	.....
	gar	Point	10.2	.....	Not lawfully stenciled.
Dec. 14	White vinegar.	Nick Skowronski Stevens Pt.	10.0	.....	Not stenciled as required by law.
Dec. 17	Cider vinegar	Otto Sticking, Merrill.....	4.5	2.45	Adulterated.
Dec. 19	White distilled vine-	Standard Mer. Co., Toma-	.....	.....	.....
	gar	hawk	5.0	.....	Not stenciled as required by law.

* Submitted.

VINEGARS NOT LAWFUL—Continued.

Date.	Sold for.	Purchased of or submitted by.	Total acidity calc. as acetic acid. Per cent.	Total Solids. Per cent.	Remarks.
1904.					
Dec. 19	Cider vinegar	Phillip Marcoular, Tomahawk	4.3	2.7	Not stenciled as required by law.
Dec. 19	Cider vinegar	A. Wangard, Tomahawk	4.7	1.85	Slightly deficient in cider vinegar solids. Not lawfully stenciled.
Dec. 20	Cider vinegar	A. M. Cuff, Rhinelander	4.5	3.1	Adulterated.
Dec. 20	Cider vinegar	P. N. Hammer, Rhinelander	4.5	2.8	Adulterated.
Dec. 22	Cider vinegar	Peterson Bros., New Lisbon	4.0	3.3	Adulterated.
Dec. 22	White distilled vinegar	Gross & Silber, New Lisbon	4.75	.....	Not lawfully stenciled.
Dec. 22	Cider vinegar	J. C. Anderly, New Lisbon	4.6	1.7	Deficient in cider vinegar solids.
Dec. 22	White distilled vinegar	Peterson Bros., New Lisbon	5.1	.....	Not lawfully stenciled.
Dec. 22	Colored distilled vinegar	Peterson Bros., New Lisbon	4.15	.....	Not lawfully stenciled.
Dec. 22	Brown distilled vinegar	Gross & Silber, New Lisbon	4.0	.....	Not lawfully stenciled.
Dec. 22	Cider vinegar	Frank Hodge, New Lisbon	5.4	1.6	Deficient in cider vinegar solids.
Dec. 22	Cider vinegar	L. M. Barlow, New Lisbon	4.5	2.8	Not a pure cider vinegar.
Dec. 22	Brown distilled vinegar	Wolf & Co., New Lisbon	4.5	.....	Not lawfully stenciled.
Dec. 22	White vinegar	Wolf & Co., New Lisbon	4.6	.....	Not lawfully stenciled.
1905.					
Jan. 18	Cider vinegar	L. Gundmundson, West Salem	4.1	2.1	Adulterated.
Jan. 18	Cider vinegar	E. A. Tower, West Salem	4.2	3.0	Adulterated.
Jan. 24	Cider vinegar	Doolittle & Dixon, Brodhead	4.5	2.8	Adulterated.

VINEGARS NOT LAWFUL—Continued.

Date.	Sold for.	Purchased of or Submitted by.	Total acidity calc. as acetic acid. Per cent.	Total Solids. Per cent.	Remarks.
1905.					
Feb. 4	Cider vinegar	A. P. Lean, Stanley.....	4.2	3.0	Adulterated.
	White vinegar	G. M. Frohmader, Camp Douglas	4.1	.....	Not lawfully stenciled.
	Cider vinegar	A. C. Johnson, Camp Douglas	4.9	2.7	Adulterated.
	Brown vinegar	A. C. Johnson, Camp Douglas	4.3	.....	Not lawfully stenciled.
	Cider vinegar	W. F. Eberhardt, Camp Douglas	4.2	2.4	Adulterated.
Feb. 28	Cider vinegar	J. C. Weber, Milwaukee.....	4.4	1.7	Adulterated.
Mar. 10*	Cider vinegar	Rediske Vinegar Co., Milwaukee .....	.....	.....	Not a pure cider vinegar.
*	Cider vinegar	Lewis & Van Holton, Milwaukee .....	.....	.....	Not a pure cider vinegar.
*	White wine vinegar.	O. H. Jacobs, Milwaukee.....	3.3	.....	Below legal standard in acetic acid. Not a white wine vinegar.
Apr. 19	Glucose vinegar	Tiffault & Kemp, Marshfield	2.2	.....	Deficient in acetic acid. Not lawful.
Apr. 19	Cider vinegar	Tiffault & Kemp, Marshfield	5.3	1.6	Deficient in cider vinegar solids.
Apr. 19	Cider vinegar	M. Steinmetz, Marshfield	4.6	1.5	Deficient in cider vinegar solids.
Apr. 25*	Cider vinegar	Beemis, Hooper, Hayes Co., Oshkosh	4.2	1.95	Adulterated.
Apr. 25*	Cider vinegar	Beemis, Hooper, Hayes Co., Oshkosh	5.0	2.0	Adulterated.
Apr. 19	Cider vinegar	Rose Bros., Marshfield.....	4.5	1.93	An adulteration.
June 19	Cider vinegar	Star Grocery Co., Superior..	5.3	2.7	Not a pure cider vinegar.
July 7*	Cider vinegar	A. H. Elliott, Beloit.....	4.1	2.3	Not a pure cider vinegar.
Sept. 27	Cider vinegar	L. C. Smith, Berlin.....	4.0	2.0	Not a pure cider vinegar.
Sept. 28*	Cider vinegar	J. Nummerdor, Waupun.....	4.2	1.5	Deficient in cider vinegar solids.
Oct. 19	Cider vinegar	Greenbergs Dept. Store, Necedah	5.5	2.6	An adulteration.

VINEGARS NOT LAWFUL—Continued.

Date.	Sold for.	Purchased of or submitted by.	Total acidity calc. as acetic acid. Per cent	Total Solids. Per cent.	Remarks.
1905.					
Oct. 19	Cider vinegar	W. H. Darrow & Sons, Ne- cedah	4.0	2.6	An adulteration.
*	Cider vinegar	W. H. Vanderheyden, Oconto Board of Control.....	5.0	0.88	Not a pure cider vinegar.
	Cider vinegar				Not a pure cider vinegar.
1906.					
Mar. 1*	Cider vinegar	Nels Mathewson, Neenah.....			Not a pure cider vinegar.
Apr. 18	White vinegar	Hatz & Accola, Prairie du Sac	5.12		Not lawfully stenciled.
*	Cider vinegar	W. H. Williams, Madison...	2.73	1.75	Below legal standard in acetic acid.

*Submitted.

VINEGARS PASSED AS LAWFUL.

Date.	Sold for.	Purchased of or submitted by.	Total acidity calc. as acetic acid. Per cent.	Total solids. Per cent.
1904.				
Apr. 12	Brown acid vinegar.....	H. Saunders Platteville.....	4.2	.....
May 26	Cider vinegar	Wm. F. Koch, East Farmington.....	4.50	2.41
May 27	Cider vinegar	Hugh Phillips, Amery	4.70	2.85
June 15*	Cider vinegar	G. A. Guell, Fond du Lac.....	4.1	2.23
July 19*	White 80 gr. vinegar	S. Feibel, Ft. Atkinson.....	8.2	.....
July 19*	Brown acid vinegar	F. M. Vicker & Son, Ft. Atkinson.....	5.06	.....
July 19*	Brown acid vinegar	Ives Roberts, Ft. Atkinson.....	4.7	.....
July 19*	Brown acid vinegar	Abbott Bros., Ft. Atkinson.....	4.3	2.7
July 19	Cider vinegar	Marsh Bros., Ft. Atkinson.....	4.2	2.0
Aug. 10	Cider vinegar	Marsh Bros., Ft. Atkinson.....	4.2	2.0
Aug. 10	Cider vinegar	C. Lohr & Son, Hartford.....	4.1	2.0
Sept. 22	Cider vinegar	Denison, Liver & Coeper, Hartford	4.9	2.4
Sept. 23	Brown vinegar	M. M. Furness, Milton Junction.....	5.0	2.35
Sept. 23	Cider vinegar	John Meehan, Beloit	4.2	.....
Sept. 23	Cider vinegar	Stiles & Rodgers, Beloit.....	4.5	2.3
Sept. 23	Cider vinegar	Manson & Ulrich, Belleville.....	4.8	2.7
Sept. 27	Cider vinegar	Geisler & Abrams, Oshkosh.....	4.0	2.6
Sept. 27	Pickling vinegar	H. C. Nelson, Oshkosh.....	5.2	.....
Sept. 27	Cider vinegar	Brainerd & Stannard, Oshkosh	4.4	2.5
Sept. 27	White vinegar	Macke & Jekisch, Oshkosh.....	4.8	.....
Sept. 28	Cider vinegar	G. Kalfahs, Neenah	4.0	2.6
Sept. 28	Cider vinegar	J. Stelp, Neenah	4.0	2.6
Sept. 28	Cider vinegar	P. Switzer, Neenah	4.2	2.0
Sept. 29	Cider vinegar	Marinette Flour & Feed Co., Marinette.....	4.7	2.8
Sept. 29	White pickling vinegar.....	J. Whelihan, Marinette.....	5.0	.....
Sept. 23	Cider vinegar	H. A. Anderson, Clinton.....	4.4	2.6
Sept. 23	Cider vinegar	H. E. Morse, Beloit.....	4.4	2.4
Sept. 29	Cider vinegar	C. J. Burke, Marinette.....	4.7	2.8
Oct. 6	Cider vinegar	Albert Holgaen, Washburn	4.8	2.4
Oct. 6	Cider vinegar	E. Everson, Baldwin	4.8	3.0
Oct. 6	Cider vinegar	E. M. Drake, Elmwood.....	4.8	2.7

VINEGARS PASSED AS LAWFUL—Continued.

H—D. & F.

Date.	Sold for.	Purchased of or Submitted by.	Total acidity calc. as acetic acid. Per cent.	Total solids. Per cent.
1904.				
Oct. 6*	Cider vinegar	W. R. Fanning, Superior.....	6.0	2.3
Dec. 22	Vinegar	L. M. Barlow, New Lisbon.....	4.5	.....
Dec. 22	Vinegar	Frank Hodge, New Lisbon.....	5.0	.....
	Brown vinegar	A. C. Johnson, Camp Douglas.....	5.07	.....
1905.				
Feb. 23	White vinegar	J. C. Weber, Milwaukee.....	4.5	.....
Apr. 19	White vinegar	A. Bielschowsky, Marshfield	6.7	.....
Apr. 19	Brown vinegar	A. Kleinheinz, Marshfield	5.0	.....
Apr. 19*	Cider vinegar	Albion Cider & Vinegar Co., Rochester, N. Y.....	5.1	2.0
Apr. 19*	Cider vinegar	S. C. Shannon Co., Appleton, Wis.....	4.5	2.2
Apr. 19*	Spirit vinegar	S. C. Shannon, Appleton, Wis.....	10.5	.....
Apr. 19*	Cider vinegar	Farmers Produce Co., Chippewa Falls.....	4.6	3.0
Sept. 8*	Cider vinegar	C. C. De Long & Co., Edgar.....	.....	.....
Oct. 13	Red distilled vinegar.....	H. A. Schulzer, Clear Lake.....	5.0	.....
Oct. 19	Distilled pickling vinegar.....	W. H. Darrow & Son, Necedah.....	4.2	.....
Oct. 30	Cider vinegar	Chas. Buchholz, Clintonville.....	4.2	2.1
Nov. 15*	Spirit vinegar	August Dietl	9.0	.....
1906.				
Feb. 17*	Syrup vinegar	Beer Bros. Burkhardt	5.7	.....
Apr. 17	Distilled vinegar	Ellsworth & Branard, Lone Rock.....	5.19	.....
Apr. 27*	Vinegar	J. M. Schilder, Sheboygan.....	5.5	.....
May 10*	Vinegar	Dr. W. A. Lester, Onalaska.....	10.1	.....
June 11	Vinegar	Spicer Tanning Co., Superior.....	5.6	.....

* Submitted.

REPORTS OF ASSISTANTS AND INSPECTORS

REPORT OF ASSISTANT COMMISSIONER.

HON. J. Q. EMERY,
Dairy and Food Commissioner.

SIR: I herewith submit my report of the work performed by myself as assistant commissioner and dairy expert, during the period of twenty-four months, beginning July 1, 1904, and ending June 30, 1906.

During the entire time specified I have been actively engaged in the work of the commission, as prescribed by law, in making personal and careful inspections of cheese factories, creameries, cities' milk supply, skimming stations, condensing factories, dairy farms and herds, oleomargarine dealers, grocery stores, restaurants and lunch counters, hotels, drug stores, flourishing mills, ice houses and ice delivery wagons, meat packing houses, sausage manufacturers, butcher shops, delicatessen stores and in the prosecution of violators of the dairy and food laws of the state.

While engaged in the work of inspecting, I have collected and have delivered into the hands of the state chemist a large number of samples of food stuffs for analysis, exclusive of milk samples.

In connection with the work of factory and city dairy inspection, I have tested several hundred samples of milk and cream by means of the Babcock test, the Lactometer, and the Wisconsin Curd test.

The inspection of the cheese and butter factories had to do principally with the sanitary conditions of the buildings, utensils, surroundings and the quality of milk received into them.

A full itemized report of each inspection and test made by me has been submitted to you, as chief of the dairy and food department of the state, upon the official form sheets and cards especially prepared by the commissioner for that purpose.

In addition to the regulation milk sampling case, an outfit case was carried containing the following articles: My commission of appointment as assistant commissioner and dairy expert for the state of Wisconsin; copies of state dairy and food laws; official report sheets, forms and cards, official seal, acid test instruments, milk, cream and skim milk test bottles, pipette, acid graduate, dividers, speed indicator, spirit level, complete apparatus for calibrating factory milk-testing-glassware, thermometer, acid hygrometer, milk lactometer, curd-test utensils, butter trier, cheese trier, drawing instruments, foot rule, tape measure, commercial rennet extract, wood alcohol, corrosive sublimate, bottle brushes, scissors, rubber bands, labels, pins, pens, pencils, sealing wax and matches.

Equipments of the kind described have been provided for each of the creamery and cheese factory inspectors of the commission. They

are the finest, best, most accurate, most compact and most complete outfits, along this line, ever gotten together by any like commission in the United States.

A marked change has taken place in creamery and cheese factory management. Buildings and utensils are kept more scrupulously clean and cheese and butter makers are more generally becoming students of their profession.

The quality of the milk supply of our cities is certainly improving. The dairymen are, as a rule, taking pride in furnishing their customers with pure milk from neat, clean and nicely arranged milk delivery wagons.

The line of work carried on by the department during the last two years coupled with vigorous prosecutions of offenders against the law, has very materially reduced the number of milk and cream producers who deliver milk and cream, below the regular standard, to consumers, creameries and cheese factories.

There is a general disposition on the part of both wholesale and retail food merchants to comply with the provisions of the food laws of the state. Many of our merchants frankly admit their indebtedness to the commission, since the latter by enforcing the food laws, have eliminated in a very appreciable measure the element of deception and criminal imposition fostered and indulged in by certain unscrupulous manufacturers of food products.

The continued vigilance of the department's inspectors as manifested in their rigid inspections and fearless prosecutions of violators of the food and dairy laws, will, in a comparatively short time, succeed in establishing such conditions as will almost universally guarantee the purity and wholesomeness of all food stuffs placed upon our markets.

The quality of our cheese of all varieties has not only been maintained to the standard of previous years, but in all localities of the state the make of the last two years has been superior in every respect to that of former years. This has been brought about primarily by the field work of our State Dairymen's Association, the teachings of our dairy school, the influence coming out of the annual meeting of the State Cheese Makers' Association and the rigid inspection, counsel, advice and numerous prosecutions accorded alike to patrons and makers of cheese factories, by the cheese factory, dairy and food inspectors of the commission who are, without an exception, expert cheese makers, skilled in the technical work of cheese factories, competent judges of cheese factory products and thoroughly versed in modern scientific and practical dairy husbandry.

The following instance of the elaboration and diversification of Wisconsin's cheese products serves to illustrate how varied the dairy farmer's market has become and how minutely his products have been made to create and answer the wants of man. The appended list of the varieties of cheeses that are being made in various parts of the state represents an enormous source of wealth which science has given to the farmers of Wisconsin within comparatively recent years.

HARD CHEESE.

(a) Domestic varieties:

Cheddar	Young America
Flats	Longhorn
Plain Daisy	Square
Marked Daisy	Print
Baby Daisy	Loaf
Little Favorite	Pineapple
Special	Sage
Twins	Sap Sage
Picnic	Mysort

(b) Foreign types.

Swiss, or Emmenthaler.....	Brick
"Whey cheese" (Norw'n).....	Munster
Edam.....	Limburger
Gouda.....	Round Cream

SOFT CHEESE.

Pot cheese, or smearcase.

Neufchatel.....	Club-house
Square Cream.....	French-cheese
Brie.....	Hand-cheese
Camembert.....	Potted-cheese
D'Isigny.....	Prepared-cheese
Cottage.....	"Schmierkase"

As great as has been the growth of manufacture, mining, trade and transportation in Wisconsin, all of which tend to draw population from dairying, yet it is gratifying to note that of all the several diversified interests of industry and agriculture, none have prospered or afforded us more substantial returns than the cheese business during the last two years. It has been an industrial element upon which all other elements of our population have needed to depend, to a great extent, as the cornerstone of our social and industrial structure.

Last year Wisconsin produced more than one-fourth of all the cheese made in the United States.

The "American" or cheddar types of cheese are manufactured to a greater or less extent in all parts of the state.

The eastern or lake tier of counties, embracing Sheboygan, Manitowoc, Calumet, Kewaunee, Door, Fond du Lac, Brown, Outagamie and adjoining counties to the north and west lead in the production of fancy cheddar cheese so far as quantity is concerned.

Grant, Sauk, Richland, Iowa and adjoining counties constitute the famous southwestern cheddar cheese territory of Wisconsin.

Green county is the great Swiss cheese county of the state and is the home of the Swiss cheese industry of America. The district extends over into the eastern border of Lafayette and Iowa counties and the southwestern part of Dane county.

Dodge county is the home of the brick cheese industry of the state. It also contains a good many Limburger cheese factories. A considerable number of brick and Limburger cheese factories are scattered over Fond du Lac, Winnebago, Marathon, La Crosse, Trempealeau and Buffalo counties.

Our people until quite recently have known but little of the great variety of soft cheese common in the European markets. The local markets have been to a great extent monopolized by the hard cheeses, principally of the type of American cheddar. Within the past few years a brisk demand for soft cheese has been developed here at home. This may be attributed partly to the taste acquired by our people who have traveled abroad, and to our increasing foreign population, and to the desire of people of European birth for the types of cheese familiar to them at home, as well as to a growing demand and appetite among others who have tried the foreign delicacies.

The soft cheeses with their strong characteristic flavors, give relish to the coarser and less flavored goods and owe their chief popularity to their varied and respective flavors.

It is certain that there is an established and rapidly growing demand right here at home for the best types of domestic soft cheeses.

I would not advise every cheese maker to attempt to make all the fancy varieties of cheese. However we have within our borders the intelligence, enterprise, climatic conditions, locations, the grass and water to make all kinds of cheese to perfection. We are fully competent to deal with this question of fancy cheese, and should adopt the making of the different varieties whenever there is a demand for them.

Wisconsin has all those perfect conditions necessary for the production of fine cheese of all kinds and description. The great variety of nutritious grasses, thousands of springs, flowing wells and lakes, containing the purest cold waters, together with temperate summers and unexcelled shipping facilities, places us in the lead as a most desirable cheese producing region.

Respectfully submitted,

U. S. BAER,
Assistant Commissioner.

INSPECTORS' REPORTS.

HON. J. Q. EMERY,
Dairy and Food Commissioner,
Madison, Wisconsin.

Sir:—I have the honor to herewith submit a report of my work as creamery inspector from July 1st, 1904 to July 12th, 1905, as 2nd Asst. Dairy & Food Commissioner from the latter date until the completion of the biennial period ending June 30th, 1906.

The work of inspection has covered many lines, such as groceries, meat markets, ice wagons, city milk supplies, creameries, oleomargarine, slaughter houses, etc. Several hundred samples of food stuffs were collected and turned over to the state chemist for analysis. Where unlawful conditions were found, parties were prosecuted and convictions obtained as follows:

53 butchers for selling sausages and chopped meats containing chemical preservatives.

- 2 hotel keepers, for serving watered milk at meals;
- 1 Druggist for selling adulterated vanilla extract;
- 1 Manager of Co-operative Creamery, for maintaining an unsanitary creamery;
- 1 Buttermaker, for maintaining unclean creamery;
- 2 Ice dealers, not having wagons properly labeled;
- 1 Grocer, for not having Alum Baking Powder properly labeled;
- 4 Grocers for selling adulterated cider vinegar;
- 3 Grocers for selling lemon extract containing wood alcohol;
- 12 Farmers for furnishing watered milk to creameries;
- 1 Milk dealer for using preservatives.
- 1 Farmer for selling adulterated cream.

In cases such as unclean or unsanitary creameries, or not having wagons or baking powders properly labeled, the parties had had previous warning of unlawful conditions and had taken no notice of the same.

Over one hundred creameries were visited and hundreds of samples of milk tested. 74 farms were visited where hand separators were used.

Sec. 4607, K. Statutes of 1898, reads, "that all ice wagons must have conspicuously posted on them the name and place from which the ice offered for sale was cut, harvested or manufactured." This section is, in the opinion of some district attorneys so loosely drawn as to be of no great benefit. The intention of the legislature being no doubt to give the purchaser information as to where the ice was secured, in order that ice from stagnant ponds or polluted streams would not be used for drinking or culinary purposes. This seems to be a very worthy object, and as disease may lurk in such ice, it is of sufficient importance that I believe this section should be amended so as to make its provision more readily enforced. Ice wagons in some of the larger cities may have the name of three or four places where ice might be harvested and yet the ice come from an entirely different source. Other wagons have the name of the place where the ice reports to have been cut in such small letters that no one would notice it unless previously informed of its presence.

The recent agitation of the meat business has no doubt revealed many things of an unsavory nature, but so far as the packing plants of Wisconsin are concerned I am glad to report that our inspection of them has not revealed similar conditions.

The plants were visited not only when killing of animals was taking place but after cleaning up had been finished for the day. For instance, in some of the smaller plants the force employed is engaged during the afternoon in killing and the carcasses are hung in the coolers over night. In the forenoon the force is employed in cutting up the carcasses and packing the meats, and we thus had an opportunity of seeing the killing floors when not in use, and it must be conceded that considering the nature of the business the places were clean and sanitary. Benches and tables where meats were cut and the trucks and racks used were also clean, and in no instance did we see meats lying on floors or in such condition that they were not fit for food.

In so far as diseased animals are concerned, I believe it impossible for them to get by the U. S. inspectors stationed at Wisconsin plants. So far as inspection relates to diseases like tuberculosis, the inspection is most thorough. No microscopical examination is made, however, to reveal the presence of such diseases as trichina. Our inspection only covered the sanitary conditions and no attempt was made to secure samples for analysis for chemical preservatives and no preservatives were said to be used except for meats intended for export, and we were informed that about 60 per cent of the hogs slaughtered were exported.

In so far as sanitary conditions and inspection of diseased meats are concerned, my inspection of this force has raised Wisconsin packing products very materially in my estimation. A danger menaces the consuming public, however, from animals being allowed to be slaughtered by local butchers and farmers and by them shipped to the cities. All meats intended for public sale should in my opinion be slaughtered in abattoirs, where inspection either national, state or municipal would control the disposition of such animals as were found unfit for human food.

The smaller butchers are in the habit of making a great deal of their own sausage, using unsalable meats for making chopped meat compounds, such as hamburger steak, etc., and the number of butchers arrested for using chemical compounds for preserving such sausage and chopped meats indicates that the local markets must be thoroughly and frequently inspected, and I believe that if the force of chemists in the employ of the Commission was doubled, they could be profitably employed in analyzing meat products alone,

when it is stated that there are nearly four thousand butcher shops in the state, and nearly five hundred in Milwaukee alone, it must be seen that the field for profitable work in this direction is very large.

Wisconsin has the largest number of creameries of any state, but the introduction and growth of the hand separator system has caused some changes in the establishment of large centralizing plants in Chicago and other points, having men actively engaged in soliciting cream all over the state may have a tendency to reduce the number somewhat. Producers of cream are apt to take advantage of the higher prices offered, forgetting that when the competition of the home creamery is destroyed that they will be at the mercy of these same corporations. The final result has not been very advantageous for farmers in states where the local creameries have been forced out, but whether cream is shipped to local or distant points for churning, a great change must take place in the care and handling of hand separator cream. I, personally, have inspected a large number of farms where hand separators are used and as a general thing no adequate provision is made for the separator or the cream after separation. Separators are placed in cow barns; sometimes next to calf pens; in stalls along side of the horses; in the kitchen and a few in the cellars; cream kept in cellars and pantries exposed to odors from vegetables and cooking; the separators washed but once a day and sometimes not that; cream kept until cans are full before shipment, so that the cream is yeasty and decomposed and such material will certainly not make a first class quality of butter. An effective system of grading cream and paying for quality must be inaugurated, if the discrimination against all hand separator butter is to be stopped. I am creditably informed of cases where a difference from six to ten per cent per pound less is being paid for hand separator goods. Shippers are becoming wary of investing in these goods. Losses have been great in the past season where the butter has been placed in storage. A reaction is setting in against hand separator butter due to conditions existing which are more often caused by mis-statements made by agents in their anxiety to sell machines also to care less than to any inherent defects in the machines themselves. Farmers are sustaining enormous losses not only through furnishing cream of poor quality but also cream poor in butter fat. Such cream cannot be churned at a sufficiently low temperature to secure complete separation. In some of the larger co-operative plants this loss has been estimated to be \$100.00 per month or more, from this one cause alone. It would be economy on the part of such plants to hire a competent man to visit the patrons and instruct them in the proper handling of the separators and care of the cream.

The inspectors of the Commission should have authority to open cans found in express cars, or on station platforms, to inspect the contents, so that both shipper and receiver could be notified of the conditions found.

Creamery conditions in Wisconsin are improving. The inspection of our creameries reveals a very pleasing state of affairs. Not only are the old buildings being improved, but in not a few instances new buildings are taking the place of the old and substantial brick structures instead of the temporary frame buildings of an earlier day. Old floors are continually being replaced, in most instances with cement floors. New machinery too replaces the old apparatus, and more especially is this true of testing apparatus. Many times when called to factories to do the testing we have refused to perform the work with the apparatus in use and we have had the pleasure of seeing new up-to-date testers installed. Glassware is more carefully

made than formerly, and yet at many factories large numbers of test bottles, both cream and milk, are found inaccurate. These inaccurate bottles are usually broken by the makers when informed that their continued use would lead to arrest. More attention is being paid to drainage also, and in many places septic tanks are being installed with varying degrees of success. Creamery sewage proves a harder problem than City sewage to dispose of because of the larger amount of grease present.

Inspection of the milk supply to the creameries has been followed up in some measure by inspection of patron's premises. The field is so large and the demands on the inspectors time so many, that not much comparatively has been done. Enough, however, to warrant us to say that much good has been accomplished by these visits. Last summer and fall some time was spent in getting together an exhibit of adulterated foods for exhibit at the State Fair in Milwaukee. Nothing that the Commission had done, in my estimation, has been of greater value to the public than this same exhibit. The greatest interest was manifested all through the Fair, and where it had been expected that one person would be able to demonstrate the exhibit, five were kept so busy talking to the throngs crowding the booths, that they were exhausted by the demands made upon them. At the Dane County, Richland Center and Boscobel Fairs this interest was again manifested.

The lectures given by you on food adulteration, accompanied by this exhibit, before the various womens' clubs of the State were also of great value in molding public opinion, and cannot help but aid us in greatly enforcing the law relating to food products.

For several years the leading dairy states of the Northwest, Iowa, Minnesota and Michigan have had the helpful influences of so-called scoring contests, that proved of great benefit to the butter and cheese-makers participating in them in raising the quality of their products. Owing to the help so kindly furnished by this Commission the first scoring contest is now being carried on in Wisconsin. The number of entries in the second, or June scoring speaks well for the interest of the makers. 133 tubs of butter and 64 boxes of cheese were scored, and letters pointing out the defects, and so far as possible remedies for the same, were sent to each maker. We ought to have a larger number of makers in the contest than this when we consider that we have 2853 cheese factories, creameries and skimming stations, but the matter of expense no doubt deters many poorly paid makers who are in need of the educational advantages that come from having their butter scored at frequent intervals. Wisconsin could with profit follow the example of Denmark in this respect and provide the necessary funds for carrying on this contest.

Some work has also been done along the line of instruction in caring for milk and cream, at Farmers Institutes, and Creamery & Dairy picnics, that is believed to have been helpful. Meetings have been held in the evenings at quite a number of creameries, where inspection had been had in the morning, and where curd tests of the milk delivered had been made; defects present in such milk explained in their relation to the finished product.

The good offices of the members of the Commission are coming more and more in demand amongst creamery men and patrons in helping them out of the difficulties that they are constantly getting into, and like "Oil on troubled waters" are usually helpful in restoring confidence.

Respectfully submitted,

J. G. MOORE,

Second Assistant Commissioner.

HON. J. Q. EMERY

State Dairy and Food Commissioner,
Madison, Wis.

Sir:—In compliance with your request I herewith submit my report as Food Inspector, for the Dairy and Food Commission of Wisconsin, covering the period from July 1st, 1904 to July 1st, 1906.

I would respectfully state that I have visited and made inspections of retail grocery stores, and meat markets in various parts of the state, covering a large portion of the north and western part of the state four and five times.

In my inspections of the retail grocery stores, I have found them to be generally in good condition, and I am pleased to report that in most cases the grocers seem anxious to learn more about the food law, and its requirements, especially in regard to labeling, and branding of the different articles of foods; and in pursuance of your instructions in my inspections, I explain to dealers, the object of the law, as well as its requirements to the preparation of labeling, stamping and branding various articles of food products required to be labeled, stenciled or branded, to comply with the Wisconsin food laws before being offered for sale. And I note in many cases that dealers are requiring of the Manufacturer or Jobber, a guarantee on each and every article of food purchased, that in case the article so purchased does not come up to the required standard, or was not manufactured and prepared in accordance with the requirements of the Wisconsin Food Laws they would hold them responsible for the article or articles so purchased.

I also explain to the retail dealers the necessity of purchasing their goods from only responsible Manufacturers and Jobbers, for, I am firmly of the opinion that the responsible jobbers are doing every thing they can to assist the commissioner in bringing food products up to a better standard. Where dealers adopt this rule, and if his goods are prepared in conformity with the State Food Laws, he will then have no further trouble or use for the Food Inspector. And by following this rule also, the catalogue houses will in a large measure be eliminated, and the dealer in purchasing his goods will meet the Jobber or his agent personally and confer with him—which in my judgment he should,—on the same plan as the consumer meets and keeps in touch with the retail dealers.

I am also pleased to report a marked improvement manifested by the dealers in the printed reports sent out from the Dairy and Food Department of the State and the work being done by the Commissioner, who assure me of their sympathy with the State Food Laws, their workings and operations, also their co-operation with the commission in its enforcements.

I desire to call your attention to the sanitary condition, or lack of cleanliness of some of the food establishments of this State. While the percentage of dirty, ill-kept grocery stores and meat markets are small, I am of the opinion a law should be passed with a view of bringing about better conditions. A law should be enacted to enforce a reasonable degree of cleanliness, and provide a penalty for failing to maintain a proper standard in that respect.

Also a law should be enacted to compel packers and jobbers of all bottle and package goods sold in this state, in original packages for food or drink, to be plainly labeled, stenciled or branded with the net weight contained in each and every package or bottle, thus protecting manufacturers and jobbers that are putting on the markets of this State honest measure and full weight products, and the consumer from being defrauded as well, giving them full value for their money.

While the work of the Food Inspector is not at all times pleasant, particularly if he does his duty impartially, I am pleased to state with very few exceptions I have been received and treated with kindness and respect by the retail dealers. I can generally tell when I visit a store whether the proprietor is in sympathy with the work and trying to observe the food laws or not. His manner, demeanor and his actions soon convince me as to his intentions.

I have been obliged to bring a number of prosecutions in various parts of the state for violation of the food laws, and desire to express my thanks to the County Attorneys, of the Counties where such prosecutions were made, for their prompt and efficient support; too much praise cannot be given them for their assistance in the campaign waged against food violators. While it has been my aim to educate and assist the retail dealers, not to prosecute them, prosecutions under certain conditions are unavoidable and only brought when existing circumstances warrant it.

I am pleased to report that within the past two years there has been a great improvement in the food products on sale in the markets, especially so during the last six months of the present year. The campaign waged against the violation of the food laws by the Dairy and Food Department, assisted by the Food Journals, Magazines, news papers and the press in general, aided by a strong demand from the Woman's Clubs, and the consumers requesting and insisting on getting pure and wholesome foods, have done much towards purifying the food markets and forcing out of the state adulterated and poisonous food products.

The following samples forwarded to State Chemist for analysis:

	No.		No.
Baking Powder	28	Jelly-O	2
Buckwheat Flour	30	Lemon Extracts	182
Blackberry Brandy	2	Vanilla Extract	71
Blackberry Syrups	6	Maple Syrups & Sugar	70
Ciders, App'le	11	Molasses	11
Canned Goods	6	Oleomargarine	33
Catsups	31	Preserves	16
Cherries	4	Pickles	2
Chocolates	1	Salmon (past)	1
Chipped meats	43	Syrups (table)	15
Cheese	2	"Spices"	
Cream Tartar	14	Cinnamon	7
Crn. Demint Sauce	3	Ginger	3
Evaporated Cream & Milk	6	Mustard	6
Fruit Colorings	3	Pepper	45
Honey	6	Vinegar	45
Jamaica Ginger	2	Yeast Powder	1
Jellies	23	Total	731
Total number prosecutions			35
Total number convictions			34
Total number cases lost			1
Total amount of Fines on convictions \$910.00.			

Respectfully submitted,

F. M. BUZZELL,
Chief Food Inspector.

HON. J. Q. EMERY,

Dairy and Food Commissioner.

Sir:—I herewith submit my report as Cheese Factory, Dairy and Food Inspector for the two years commencing July 1st, 1904 and ending June 30th, 1906.

My work has been mostly inspecting cheese factories, creameries and oleomargarine; also testing city milk supplies and milk in cheese factories and creameries.

I have inspected about five hundred cheese factories and creameries during the summer months, and during the winter months my time has been occupied in visiting dealers in oleomargarine and preventing the sale of a product that was an imitation of yellow butter.

In the two years of cheese factory inspections I have found a great many factories that needed improvements and some were so unsanitary that immediate action by the manager was required.

In the majority of cases, where improvement of factories has been requested or cleanliness of buildings and surroundings has been asked for, I have found the managers and makers willing to comply with our demands without resorting to extreme measures.

I think that the majority of the bad conditions that existed in the factories two years ago, were due more to carelessness and ignorance than to willful intent and I know that there has been a great improvement in conditions in the cheese factories and creameries throughout the State.

The inspection of milk at the factories has taken up a good deal of my time during the summer months.

The condition of a large amount of the milk and cream during the hot weather, at some of our factories, is far from satisfactory and, while it is better on the average than it was two years ago, it will require energetic work by the inspectors for a good many years before they can feel satisfied that all milk and cream delivered at the three thousand factories in the State, is what it should be.

In many cases both farmers and makers will have to be educated to a more thorough knowledge of the product they are handling. This may cause the enforcement of the law by prosecution in some cases, but it is the only way in some instances sanitary results can be brought about.

The unclean and rusty condition of cans has been the source of a large amount of the tainted milk supplied to the factories. The inspectors, with the assistance of the makers, have been able to improve these to a great extent, but they are a source of trouble that will require the constant vigilance of the inspectors.

In the past two years, cellars, making-rooms and whey tanks have been on the average greatly improved, and new factories constructed on better plans and of better material.

The lactic yeast ferment has been causing a great deal of trouble in the factories which are making the sweet curd varieties of cheese, and it will be only by educating the farmers and makers to the fact that the thorough sterilization and cleanliness of all utensils and by-products will eliminate the trouble, can we hope to get rid of this serious menace to the Brick and Swiss Cheese industries.

The most serious trouble I have found in the creameries I have inspected, is in the gathered cream factories. It consists of cream that is either kept in unclean cans or has been held too long and is overripe and tainted.

There is a good deal of work for the inspectors preventing this tainted cream from being manufactured into butter; also to keep a sharp lookout for the use of preservatives in cream that is being held several days before delivery. The dishonest producer that will

water his milk will preserve his cream to save work of delivering the same.

I have had about twenty-five prosecutions mostly cases of watered milk delivered at cheese factories where the milk is paid for by the hundred or pooled system. There is very little trouble over adulterated milk in factories that pay for the milk by the Babcock test.

I have prosecuted a few cases where preservatives containing formaldehyde have been used in the milk and cream but they are of rare occurrence.

I feel that the future work of the inspectors should be aggressive along the lines of insisting on clean factories, clean milk and clean utensils.

My work for the past two winters inspecting oleomargarine, consisted of visiting dealers who sold the same and seeing that they complied with the law by having posted proper signs, also seeing that they complied with the law that makes it a misdemeanor to sell oleomargarine that is an imitation of yellow butter.

On this latter phase of the law I had some trouble to get the dealers to comply with it, owing to the aggressive attitude of some of the large packing firms of Chicago who were continually trying to get the imitation article on the market. The great majority of dealers complied with our demands without complaint and without our having to bring any cases of prosecution. Many of them said that they had just as soon sell the white as the yellow or imitation goods. The past winter several dealers, owing to the solicitations and aggressiveness of the aforesaid packers have insisted on selling the imitation goods and have caused us to bring prosecution.

The sale of oleomargarine that is an imitation of yellow butter, now rests upon the interpretation of the law by the courts. Should they find that the imitation product can be sold within this State, (unless the Legislature can pass some measure that will prevent the same), it will work immense harm to the whole dairy industry of this and other states. A great reduction in the receipts from this industry will cause a large depreciation of real estate values. It is certainly to be hoped that this imitation or more properly called "counterfeit" of the greatest industry of the State, which is annually bringing to the people many millions of dollars in wealth, may be properly controlled and not allowed to transfer the wealth of this State to the pockets of the millionaire packers of Chicago.

Respectfully submitted,

F. E. CARSWELL,

Cheese Factory Dairy and Food Inspector.

Neenah, Wis., July 1st, 1906.

HON. J. Q. EMERY,
Dairy and Food Commissioner,
Madison, Wis.

Sir:—Herewith I submit a report of my work as a member of the Dairy and Food Commission for the biennial term ending June 30, 1906.

My work with the Dairy and Food commission was begun on July 18th, 1905 from which date until the fore part of December I was busy making first inspections of the four hundred and fifty-nine cheese factories, creameries and skim stations in operation in the following six counties: Sheboygan, Manitowoc, Calumet, Fond du

Lac, Winnebago and Green Lake; also of twenty-two milk dealers establishments and in making, in company with Mr. U. S. Baer, your assistant, a second inspection of some thirty-five scattering factories which had, on the first inspection, been found to be intolerably unsanitary.

From December 12th to March 15th I attended Farm Institutes there to discuss the subjects of "Lawful Milk" and "Stable Sanitation."

During an intermission of two weeks in February I called on twenty-three dealers in butterine in fourteen towns in the Northeast portion of the state. At the close of Farm Institute work in March I made the second call on said dealers and also called on some dealers in renovated butter, visiting in all thirty six dealers in eighteen towns.

From April 5th to the present date I have kept busy inspecting stables, cows, milk, milk cans and factories, and lecturing at meetings.

FACTORY INSPECTION.

The first inspection of factories was made by counties and consisted of visiting each factory and locating it on a sectional county map made for that purpose; making a list of the factory operators and their post office addresses; acquainting said operators with the dairy laws; making reports in detail of the sanitary conditions of premises, utensils and surroundings.

Where the sanitation was found to be faulty suggestions were made as to the best methods of correcting the defects. Where conditions were intolerably bad warning was given that a second inspection would be made, after which, unless material improvements had been made, prosecution would follow.

TESTING.

At approximately three fourths of the factories in the above mentioned territory the milk money is divided on the butter fat basis. At such factories the system of preserving milk samples was looked into, the testing machine examined and, in several instances condemned. At nearly two hundred factories I calibrated the test bottles and caused the destruction of such as were found to be incorrectly graduated. At numerous factories all bottles were found to be correct yet, on the whole, the percentage of incorrect ones was found to be so large as to warrant the conclusion that every set of bottles should be carefully calibrated.

Occasionally a factory was found where the composite jars were never covered or where the rules of testing were being so flagrantly violated that a correct determination of the fat content appeared to be out of the question.

CHEESE FACTORIES.

These were found in all sorts of conditions. At some of them everything was in good repair; test bottles had been calibrated and were kept clean and bright; the number of flies in the building were kept reduced to the minimum; no waste matter was allowed on the soil and the whey tank was cleaned daily. Everything was tidy and free from objectionable odors.

Faulty systems of whey and sewage disposal constitute the most prolific source of bad conditions. The old style of whey tanks are still very much in evidence. They are about six feet deep in the

ground and have no outlet. So much time is required in cleaning them that it can seldom be done by the regular factory help at the time of day when they are nearest empty. Tanks were found that had perhaps been cleaned only once a year. Sometimes maggots were found in the decaying organic matter which had accumulated therein and the whey from such tanks was carried away in the same cans which conveyed the milk to the factories. Frequently whey conductors were found that leaked under the building and at various places on the way to the tank, making putrid soil and a constant stench. Other conductors were composed of tight pipes which entered the building, emitting foul odors from the decaying substances with which the inner walls were coated. In quite a number of instances the milk patrons refused to take away all the whey and the surplus was allowed to overflow on the soil, causing a stench that was noticeable for a long distance.

The question of drainage had been entirely ignored by certain operators, waste products being daily dumped on the soil. Some factories were connected with good sewers which, being unprovided with a trap, discharged the sewer gas into building.

At the worst class of factories the surroundings were similar to those above mentioned; the intake room, walls, presses, and jacket of milk vats badly bespattered and greasy; the ceiling black with fly-specks, floor dirty and nearly all utensils unclean. Even starter cans were found unclean and, in several cases, extremely nasty on the inside. No efforts were made to keep flies out or to reduce the number inside and some of them became tangled up in the milk and curd and were mixed up with the cheese. Overalls or aprons of operators were saturated and coated with grease and dirt.

CREAMERIES AND SKIM STATIONS.

These were, on the whole, better provided with good drainage but not in all cases. Some drain pipes were a nuisance for want of sewer traps. Numerous unsanitary wood floors were found; occasionally a bad smelling churn was encountered; many butter milk tanks, being neglected, were foul smelling; some milk pipes were found lined on the inside with the nastiest kind of filth with which the milk came in direct contact on its way to the separator.

CITY MILK DEALERS.

Some of the premises and utensils of these establishments were found to be scrupulously clean. At others untidy workmanship was practiced. I found defective floors and drains; unclean utensils, nasty, foul cooling tanks containing milk and cream in uncovered cans, and in one instance the room was swarming with flies.

MILK AND CANS.

The character of the milk offered varies considerably at different factories. Where the operator has been watchful and has insisted that milk shall be clean there is usually nothing offered that could be seriously objected to. The majority of operators, however, have been weak in the management of milk patrons and have made a practice of accepting unclean milk when offered. This practice has led indifferent milk producers into bad habits and has discouraged others who are naturally tidy and progressive. In some localities milk cans are in use that are faulty in construction in consequence of which they are unclean.

In the western part of the above named territory a big percentage of farmers use cream separators and sell cream instead of milk. I

am obliged to report that a suitable place had not in all cases been provided for these machines, some of which were found in stables, filthy ones, and in close proximity to a gutter full of dung.

BUTTER SUBSTITUTES.

On my first visit to retail dealers in butterine I found nearly all of them selling a product which, in my opinion, was not in conformity with the law, and some of them had failed to placard their premises. Pains were taken to acquaint them with the requirements of the law and on my second call some of them had discontinued dealing in the stuff and nearly all the others were found to be complying with the law.

I found several parties who were selling "renovated butter," representing it to be butter and not properly stamping the wrappers of packages. These parties were later prosecuted and convicted.

STABLES.

Since last November about two hundred stables were inspected by me of which but an extremely small percentage were found to be equipped with all the essentials that make for sanitation. At most of them there was a lack of light, the ceiling was covered with cobwebs and dust and the system of ventilation in use was the poorest that could be employed. In addition to those defects many stables have decayed or leaky plank floors through which liquid manure finds its way into the soil underneath, making the same foul, from which strong odors continually rise.

In some stables calves and swine were kept in filthy pens and in numerous instances the cows were found plastered over with dung.

STABLE SANITATION.

On this question the masses of milk producers seem to have been inconceivably thoughtless and indifferent.

I had been directed to advise and instruct as well as to inspect but after I fully comprehended the true situation as to stable conditions as well as the prevailing ignorance on stable sanitation; after I had contemplated what multitudes of dairymen there were to be looked after the stupendousness of the proposition dawned upon me and I could not convince myself that satisfactory progress could be made by dealing out advice to dairymen individually.

MEETINGS.

In order that I might be enabled to come in contact with a large number of farmers in a comparatively short space of time I planned to hold evening meetings and thus cover the ground much more rapidly and likewise be afforded the very best of opportunities to impart thorough instructions on stable improvements.

With your consent, this plan was followed and during the past two months thirty meetings were held and they are proving highly successful in expediting the work of inspection.

Milk producers on the whole mean to be law abiding citizens. After attending such a meeting they are not only familiar with the dairy laws but much more intelligent on the subject of stable sanitation.

Furthermore, in many communities farmers have somehow formed the impression that the inspectors will be unreasonable and oppressive and a strong prejudice prevails against their work, in the face of which progress must be slow and unsatisfactory. This prejudice can be explained away at a meeting, thereby popularizing the work

of inspection. Farmers have taken great interest in the meetings and discussions. At the thirty meetings the attendance aggregated nearly four thousand some of them coming a distance of five to eight miles. Many changes are being made and contemplated in stables and very often I am called upon to plan the improvements.

RESULTS.

The results obtained in one short year from the campaign of inspection are most fruitful and interesting. The indifferent, negligent operator who "couldn't afford it," "didn't have time," "thought it wasn't necessary," experienced a change of heart, became active, and the fixing up and cleaning up was begun. Many new whey tanks were installed, good conductors and drains provided, and lime spread over putrid soil. Buildings were repaired or remodeled and painted, windows and doors were provided with screens and things cleaned up in general until the aspect of the premises had changed completely. In a few instances an entirely new building was constructed—the old building and unsuitable site being entirely abandoned.

With a majority of the operators these improvements were made in a good spirit. A few of the worst ones were not moved by the spirit until after some prosecutions had been made.

When one considers the amount of indifference that had prevailed amongst certain factory operators the results in so brief a space of time are little short of marvelous. Of course there is an occasional one who, being naturally untidy and slovenly is unfitted for the trade. Indications are that such men, not desiring to risk operating an unclean factory and not feeling "at home" in clean surroundings will dissolve partnership with the profession.

MILK PATRONS.

During the past several months efforts were mainly directed towards purifying the milk supply and people are rapidly coming to realize that the traffic in dirty milk is a punishable offense and that sellers and factory operators both deal in it at their peril. At any rate marked improvements are reported wherever inspections were made or where the dairy laws were discussed at meetings.

Respectfully submitted,

E. L. ADERHOLD,
Cheese Factory Inspector.

HON. J. Q. EMERY,
Dairy and Food Commissioner.

SIR: In compliance with your request, I herewith submit my report as Cheese Factory, Dairy and Food Inspector, for the period, from July 1st, 1904, to July 1st, 1906.

I have carefully and personally inspected factories, etc., as follows:

556 cheese factories,
13 creameries,
27 cities' milk supply,
3 skimming stations,
1 condensing factory,
10 dairy barns and herds; a total of 610 inspections.

While engaged in the work of inspecting cheese factories, and cities' milk supply, I have collected and tested by means of the Babcock test, the Lactometer, and the Wisconsin curd test, 781 samples of milk and cream. Out of the 781 samples I have delivered in to the hands

of or shipped to the state chemist for analysis 49 samples of milk and cream.

I have preferred 17 charges and secured 17 convictions; 14 against parties selling adulterated milk, 1 against a party selling cream below the legal standard, 2 against parties conducting unsanitary cheese factories.

The inspection of cheese factories and creameries had mostly to do with the sanitary condition of the utensils employed in the process of the manufacture of cheese and butter, the utensils of the patron in which the milk is delivered to the cheese factory, or creamery, and sanitary conditions surrounding such premises.

The inspection of cities' milk supply was chiefly for the quality and purity of the milk and cream delivered. The Babcock test and Lacometer test were applied to determine the per cent of milk fat and solids not fat in the milk. The Wisconsin curd test was applied to determine the purity and cleanliness of the milk, and when in either case the milk was found to be abnormal in milk fat, or solids not fat, or produced under unclean conditions a barn inspection was carried out. The suspected sample of milk or cream was sent under seal to the state chemist for analysis and when found suspicious or adulterated a barn inspection of said herd was made, when so demanded, and if claim was substantiated, prosecution was enforced against said party.

CONDITIONS AS I FOUND THEM IN THE FOREIGN CHEESE LOCALITIES IN THE SEASON OF 1904.

A brief outline of the existing conditions in cheese factories and their surroundings in the season of 1904, will show under what severe criticism, and in what a dangerous position the owner or operator of a cheese factory would be now under similar conditions.

We will begin with the interior of the building. A wooden floor, as a rule was found, with few exceptions, which at short intervals was in need of repairs, drainage in connection consisting of a surface drainage, the slush water that did not find its way through the leaky wooden floor would enter into the surface drainage and as a rule remain close to the building, forming a cess pool of malodorous slime.

Large wooden tanks for the purpose of manufacturing whey butter were accustomed to be kept outside and subject to dust and flies. For the distribution of whey to the patrons a separate barrel was kept for each patron, as a rule never cleaned or washed but remained in a filthy, unclean condition. Old milk cans were accustomed to be used to deliver milk to the cheese factories which were in such a damaged condition that they were impossible to be kept clean. Upon calling said parties attention to the unfit and unclean condition of his utensils he would make the remark: "As long as nobody kicked, I thought these cans were good enough." The ignorance of precautionary measures for maintaining sanitary conditions was only too often found.

The system known as the "pooling system" was in vogue, that is, buying milk straight per hundred pounds, irrespective of the quality. The cheese maker was entirely without milk testing apparatus, or even a knowledge of their appliance, thus the temptation to adulterate was much encouraged, which had proved itself by frequent prosecutions made against offenders taking advantage of the situation.

CONDITIONS AS I FIND THEM IN 1906.

There is a brighter side to the situation, however, the condition is vastly improved over that of a short time ago. In La Fayette and part of Green county most of the factories are comparatively new,

the buildings are put up in a substantial and excellent manner and the result is a splendid lot of cheese manufacturing institutions. Indeed improvements are more or less general over this entire territory, and the outlook for the future is most encouraging. A marked change has taken place in maintaining the cheese factories in a clean and sanitary condition. The wooden floors have been done away with, and cement floors have taken their place, and have become the rule instead of the exception. The drainage has been laid underground a sufficient distance from the cheese factory and entering into a cess pool, or into a ditch thereby reducing the slush and rank odor to a minimum, and doing away with the malodorous slush and mud formerly met with. Whey barrels kept for the purpose of distributing whey to the patrons are kept in a clean condition, and have disappeared to a great extent and in its place a large galvanized steel tank is used. Whey tanks used for the purpose of manufacturing whey butter and formerly accustomed to remain out of doors subject to flies and dust are now found in main building and kept clean. Twelve to fifteen separators are at present used for the separation of the whey and the manufacture of whey butter, and prospects are that many more will take the place of the old method of the manufacture of whey butter. The adoption of the separator for the separation of the whey has not only improved the quality of the whey butter, but also assures the return of the whey to the patron within 12 hours, where under the old method it required 24 to 36 hours, making the whey practically worthless for any purpose, and doing away with two extra whey tanks employed under the old process. This with a cement floor, under ground drainage, galvanized tanks in place of whey barrels have greatly improved the atmosphere surrounding our cheese factories of today.

MORE IMPROVEMENTS AND PRECAUTIONS NEEDED FOR THE FUTURE WELFARE
OF OUR INDUSTRIES.

The recent enforcement of the dairy law and the installation of proper drainage and absolute sanitary conditions of utensils employed in the manufacture of cheese and butter is a marked step in advance. But in order to bring the cheese industry upon the plane it should occupy it will be necessary to do away with some of the conditions which still exist.

The losses in this state caused by the so called yeast formation are yearly becoming greater, and are largely due to our system of the distribution of whey, and the cold process of manufacturing whey butter. Since a separate vessel or barrel is kept for each patron to assure his entitled share of whey which in many cheese factories number from 20 to 25 barrels, it is hardly possible for an operator to keep and maintain them in a clean and sanitary condition.

A law should be enacted providing for this particular point, compelling the operator to place a large tank in place of the many barrels.

If any trouble should arise in the distribution of whey, a check pump could be used, which can be had at a reasonable price. The difference in the price of a check pump would readily be regained by the improved condition of the whey for feeding purposes, and the gains made by overcoming any abnormal fermentation.

It has always occurred to me that much confidence was given to a cheese maker as to the equal distribution of whey, when as a practical cheese maker I used to walk along a row of 20 to 25 whey barrels and would find that the man delivering 50 pounds of milk would have just as large a barrel as the man delivering 400 pounds of milk. It would be here where that scale in the eye would double its measure

in looking at the whey from 50 pounds of milk in a barrel holding 400 pounds.

The sharp competition between cheese dealers may bring about discouraging conditions in this part of the state. Excessive demands for cheese and increasing numbers of local cheese dealers have made competition so sharp between dealers that they have drifted from the original way of buying cheese, and today will offer a certain price per pound for cheese by the lot, including grades 1, 2, and 3. They also contract for so much a pound for all the cheese made during a period of from two to three months, generally for the months of October, November and December. This system of buying cheese, I honestly believe has brought about a poorer class of cheese makers and consequently a poorer quality of cheese.

Farmers pay less attention and care to cleanliness of either milk or utensils, and the qualifications of the cheese makers are given little thought or consideration—everything goes.

Cheese should above all things be bought according to quality; it should be graded as number 1, 2, and 3, and paid for as such, and this would induce the farmers and makers to manufacture a more uniform and durable quality of cheese. Under our present system the chase is for the immediate dollar in sight and as a consequence we jeopardize the future welfare of the industry.

In order to maintain the reputation of our Swiss cheese, it should be well cured and developed before being placed upon the market for consumption. Better curing rooms should be provided for, in order to control the fermentation process of a Swiss cheese; three curing rooms should be provided for, one room for the salt brine tank and young salt cheese. A second fermentation room with controlling heat temperature, third a storage room of somewhat natural, lower temperature; this would be greatly appreciated by the skillful Swiss cheese maker, whereas in the present construction of a Swiss cheese factory of only one room, or perhaps two, for curing purposes, the cheese maker and the cheese are at the mercy of the surrounding temperatures, for under ordinary conditions the fermentation of a Swiss cheese varies greatly and can only be controlled when placed under different temperatures.

It has been my purpose in making this report to place before those interested a few suggestions and needed reforms that, if put into operation, will be of benefit to the cheese maker as well as the public in general, and by the co-operation of the Dairy and Food Commission with those who have the industry at heart we hope to see them put into practice.

Respectfully submitted,

F. MARTY,

Cheese Factory, Dairy and Food Inspector.

HON. J. Q. EMERY,

Dairy and Food Commissioner.

SIR: Following is a report of work done by me for the Dairy and Food Commissioner of Wisconsin from July, 1905, to July 1, 1906.

The first work assigned to me, was the inspection of cheese factories, creameries and skimming stations, in the following counties, Waupaca, Outagamie, Brown, Kewaunee, Door, Marinette, Shawano, Portage, Douglas, Bayfield, Sawyer, Washburn and Marquette.

This work continued until December, 1905. During this time, 103 creameries, 297 cheese factories and 19 skimming stations, were in-

spected. This inspection was for the purpose of ascertaining the sanitary condition of factories and surroundings along the line of, condition of building, drainage, vats, hoops, piping, churns, separators, curd mills, curd knives, pails, dippers, whey tanks, skim milk tanks, and, etc. It was also for the purpose of insisting on cleanliness and improvements, where it was found necessary, and that was in a great many places. Some of the factories were found in very filthy condition for the manufacture of a food product. The floors were whey soaked, and rotten, utensils coated with filth, putrid whey around, and under factory, shelving of curing rooms coated with mold, conditions in general very much in need of improvements.

When conditions were not found satisfactory, a second inspection was promised to see if the suggested improvements would be made. In most cases, on the second visit, wonderful improvements were found, both in cleanliness and repairing buildings securing new apparatus and fixing up in general. On my second visit I found only two factory operators in my territory who had to be prosecuted for maintaining dirty, filthy factories. During this tour of inspection, it was sometimes found necessary to make a test of milk at the factories, for the purpose of settling disputes between operators and patrons.

The next work assigned to me, with the assistance of Inspector Jas. Van Dusen, was the inspection of city milk. The milk supply of 27 cities was tested, for milk fat, and also for solids not fat. The Wisconsin curd test was applied for the purpose of ascertaining the cleanliness of the milk samples purchased from each milk dealer. It was found necessary to prosecute several milk dealers who were selling adulterated milk. Some dealers were found, who had added 20 per cent of water to the milk, others who had removed a portion of the cream. In those cases the dealers were prosecuted and fined \$25 and costs.

Where, by the use of the Wisconsin curd test the milk was found to be of bad flavor, the barns, dairy and utensils of the owner were inspected for the purpose of locating the cause of the trouble, and suggesting to them improvements in the way of handling and caring for milk.

The work in the spring of 1906 has been a second inspection of factories, but along a somewhat different line, it being the duty of the inspector to arrive at the factory early enough to weigh in the milk, examine each can of milk as it is emptied into the weighing can for the purpose of discovering any dirt or sediment that might be in the bottom of can; also carefully examining each patron's cans, to see if they have been thoroughly cleansed and warning the patron of his duty in regard to the careful handling of milk and utensils.

Since my visits to the different factories, have received letters from makers, thanking me for the instructions given to patrons, as it made wonderful improvements in their methods of caring for milk and cans.

I am also to make a test of the milk at the factory if I think it is necessary. In several cases where testing has been done, have found adulterated milk. In a case of this kind I preserve and seal a sample of the milk and send same to dairy and food chemist, Madison, for analysis. If those samples are found to contain less than 3 per cent of milk fat or less than $8\frac{1}{2}$ per cent of solids not fat I collect corresponding herd samples and send same to dairy and food chemist. If those samples are found to contain the legal standard of milk fat, and also solids not fat, this indicates that the factory samples have been adulterated. Consequently in those cases I am instructed to prosecute those delivering or selling such milk.

It has also been my duty this season, while inspecting factories, to instruct in cheese making, those who are having trouble with their

cheese. Have also attended to several special calls where they have asked for assistance from the Dairy and Food Commission.

Respectfully submitted,

J. D. CANNON,
Cheese Factory Inspector.

HON. J. Q. EMERY,

Dairy and Food Commissioner.

SIR: I herewith submit a report of my work as creamery and dairy inspector for the Dairy and Food Commission, covering the period beginning July 12, 1905, the date of my appointment, and ending June 30, 1906.

During this period I have inspected 356 creameries, skim stations and cheese factories and 28 dairy barns.

The aim of the inspection of the factories has been chiefly to ascertain if they and their various utensils and surroundings were maintained in a good sanitary condition according to the laws of the state, and if not so maintained to point out the defects and violations with the view of having the laws complied with. At times a second inspection of the same factory has been made in order to ascertain if the defects found by the first inspection actually had been corrected. Generally speaking the factory managers and operators have been willing and desirous of complying with the provisions of the law.

The inspection of the dairy barns has been carried on with the end in view of having them maintained in a clean condition, well lighted and well ventilated, and the dairy utensils, especially the farm cream separator, kept clean; pointing out the necessity of this, if a healthy and profitable dairy herd is to be maintained and pure and wholesome dairy products are to be produced.

Of all the dairy barns visited not a single one could be said to be well lighted nor well ventilated. As a rule these points are generally neglected and not infrequently entirely ignored by the average farmer and a large amount of educational work along these lines will be necessary if the quality of our dairy products is to attain a high standard of excellence.

A large part of my time has been taken up in answering calls and requests for special inspection of various creameries and cheese factories. Such requests have come from the managers or the operators and sometimes from the patrons of the respective factories, because of some trouble or dissatisfaction with the testing of the milk or cream or the general management of the factory or the quality of the milk or cream received. The nature of this work can perhaps best be described by citing a case or instance of such a request, and a short account of the work then performed:

Creamery B complained of unfair competition of a neighboring factory, charging it with manipulation of the test and the accounts, and the issuing of false statements. On arriving at the offending plant I asked for the books and accounts, which were then immediately and willingly turned over to me. The accounts of the previous twelve months' business of the factory was then examined. No manipulation or misstatement was found. I then tested many of the composite cream samples then on hand and compared the results with the previous test as determined by the buttermaker, but found no abnormal variations from the results obtained by myself. In order to ascertain if the percentage of overrun, as shown by the books of the factory corresponded with the percentage of overrun actually obtained by their common every day practices, the amount of butter fat present in three churnings, of about 2000 pounds of cream each, was deter-

mined. The cream of one churning was weighed by myself and for the other two I used as basis the weights as determined in the field by the cream haulers and as shown by their books. The buttermaker then churned the cream and made the butter in his own and usual manner. The amount of butter obtained from each churning was determined, as were also the percentage of overrun, which for all three churnings corresponded very closely, as well as with the usual amount of overrun shown by the books of the factory. The complaint against this factory was not sustained.

Many calls were on account of the testing or manner of testing the milk or cream at the factories, or on account of suspected adulteration and in order to prove or disprove these charges many hundreds of samples of milk and cream have been tested by the means of the Babcock test and the lactometer.

Respectfully submitted,

THOS. CORNELIUSON,
Creamery and Dairy Inspector.

HON. J. Q. EMERY,
Dairy and Food Commissioner.

SIR: I herewith submit my report of the work performed as creamery, dairy and food inspector.

My appointment was made July 12, 1905, but owing to a previous engagement, I was unable to take up the work until September 1st, therefore my report will cover a period of ten months, dating from September 1, 1905, to June 30, 1906.

I have personally inspected and performed work as follows:

- 110 creameries.
- 150 cheese factories.
- 18 skimming stations.
- 113 oleomargarine dealers.
- 19 butcher shops.
- 3 slaughter houses.
- 83 grocery stores.
- 9 farmers' institutes, addressed on the subject of lawful milk.
- 201 samples of food stuffs collected and delivered into the hands of the state chemist.

I have brought prosecution against:

- 1 cheese maker for using unclean utensils.
- 2 farmers for watering their milk.
- 2 butchers for not labeling renovated butter.
- 1 grocer for selling unlawful lemon extract.
- 18 butchers for preserving chopped meats.

On assuming work as an inspector, I was directed to the inspection of creameries, cheese factories and skimming stations. The purpose of the inspection was to become acquainted with the exact conditions of the individual factories, as to name, location, owner or manager and maker's name and address, number of patrons, pounds of milk received daily, whether milk was being bought by the test or otherwise, etc., together with a very careful inspection of the factory from the intake to the place of dividing the skim milk or whey, the drainage from the factory and in fact the entire premises, and to acquaint the manager and operator with the laws which govern the operating of a factory in the state.

By way of general report, I will say that in the district in which I did most of this work, the majority of factories had never been previously inspected and in a great many cases there was an abundance of evidence that things were neglected, the buildings were poor, particularly the floors which were well rotted out, also the drainage was in very poor repair, making it impossible to be operated while in such condition, and at the same time be in accordance with the law.

In addition to the above conditions, I often found that the maker had become very slack in his methods of operating his factory, and that utensils which were used daily were in an unclean condition and his practices in general were altogether unlawful. However, wherever conditions were not in accordance with the law, on the first inspection no prosecutions were begun, but the bad conditions were pointed out and instructions left to the effect that if not remedied upon the second inspection, prosecution would follow and in every case I received assurance that conditions would be remedied; and upon my second inspection of the worst cases (which were 35 in number) I found that great improvements had been made. In several cases factories were closed for a time for the necessary repairs, such as putting in cement floors, etc. In cases where the factories and utensils were unclean, I found that the makers had busied themselves and that conditions were very much improved.

At nearly every American cheese factory, creamery and skimming station, the milk received was being paid for according to the butter fat content which is determined by the Babcock test and in a great many cases the foreign cheese makers, while not buying by the test, had the necessary apparatus with which to determine the butter fat contents of milk received daily.

Where it was possible, I was at the factory in the morning when the milk was being delivered and, in several cases made lactometer and butter fat tests of the milk. I found the milk and cans in a good and clean condition generally, but where it was not so, the suggestions the patrons received from the maker were in a large degree responsible for it, as the factory utensils and surroundings were in such a condition as to present anything but a suggestion for cleanliness. It was always noticeable that the patrons of an unclean factory did not seem to respect the maker nor appreciate the work of inspection and would make slurring remarks concerning it, but just the opposite was noticeable at a factory where the maker was up with his work and had his factory and surroundings in a clean condition, the patrons would gather around and express themselves as pleased with the maker and with the work the Dairy & Food Department was doing, and were anxious to get ideas whereby they could keep pace with the times, therefore, my argument to all makers was that "suggestion" was a mighty force in life and that by practicing cleanliness it would have its desired effect. All are morally bound to do this, to say nothing about the law compelling them, which would be done if necessary. It is very gratifying to note the improvements that have been made, and the appreciative manner in which the factory operators and owners received my suggestions and executed them.

A first oleomargarine inspection was made to acquaint the dealers with the laws relative to the selling of oleomargarine in the state, and the majority of dealers were found to be handling oleomargarine that was an imitation of yellow butter, which the law prohibits. Also were selling it without the necessary signs being posted, but as soon as their attention was called to the law they generally agreed to put up the proper signs and handle only such goods as would pass inspection, a sample of which I carried with me and showed the dealer. At a later date, a reinspection was made and in almost every case the proper signs were up and only a very small number were handling

the oleomargine which was an imitation of yellow butter, but where it was, a sample was purchased and delivered to the state chemist. In this connection prosecution has been begun against several oleomargarine dealers. In each case they have been bound over to the circuit court.

A great many analyses of food stuffs have been made by the state chemist from samples sent to him by the different inspectors and a report of such analyses has been sent to the dealers from whom the goods were procured, so that if the goods were not lawful the dealer would have knowledge to that effect, and should act accordingly. Copies of the reports sent to the dealers were handed to me to be used as a guide in making the second inspection. Where this has been made, in most every case where the goods were unlawful, the dealer has had them relabeled so as to inform the customer what was being bought or has had same returned to the jobber or manufacturer, but where the goods were still on sale and labeled as in the case of the first inspection, a sample with the view of prosecution was purchased and sent to the state chemist.

While engaged in this work of reinspection of the grocery stores, I discovered that most dealers had no intention of violating the law, but they seemed to be unable to get at how to know whether the goods they were handling were lawful or not, and were rather expecting the Dairy & Food Department to make an analysis of all goods and report to them so that they would know, but this I said would be impossible to do, and that every individual dealer was responsible to the state for the kind of goods sold or offered for sale and that each would have to take steps to know that the goods were lawful. In this connection I suggested to all with whom I discussed this matter that they get a written contract from the jobber or manufacturer from whom they purchased goods to the effect that all goods purchased from the said jobber or manufacturer would comply with the state law. Then in case unlawful goods were sent to the dealer and sold they of course would have to answer to the state for violation of the law, but would have a chance, because of the contract, to begin a damage suit against the jobber or manufacturer to recover the damage that had been realized to the business in addition to the fine imposed by the state. This, I think, would very quickly cause the jobber, or manufacturer to send out only such goods as are lawful.

My inspection of butcher shops has revealed the fact that they are in a good and clean condition generally, but the meat, especially chopped meat, such as hamburger steak and sausage are often preserved in salt of sulphurous acid and boric acid. This is used in order to prevent any loss because of meats spoiling and being refused by customers, as where it is used, defects in the meats, which would otherwise be revealed, are covered up and the customer thinks fresh, wholesome meat is being received.

As stated before, I have only inspected three slaughter houses, but in each case they were in an unclean condition. The floors were poor, and would allow refuse to get under them which would decay and at two of the houses, the heads, feet, etc., of the animals slaughtered were thrown out on the ground near the building, altogether causing a very bad odor, and an ideal place for development of disease germs. These places should be kept in an absolutely clean condition, as in most cases the meat is allowed to remain at the slaughter house over night in order to cool off. The manager of these houses had his attention called to these bad conditions, and assurance was received that they would be remedied, and such improvements made as were necessary.

In so far as my experience goes I will say that all forces that believe in advancement and right doing, (and the majority do), are

heartily co-operating with the Dairy & Food Department in its efforts and while great improvement along all lines is being realized, yet there is still room for improvement. Let each continue to do his part in this great work, until we shall see Wisconsin in the lead, to which position it is justly entitled.

H. C. LARSON,
Inspector.

HON. J. Q. EMERY,
Dairy and Food Commissioner.

SIR: I herewith submit my report as Creamery Inspector for the period beginning August 7, 1905, and ending June 30, 1906.

During that time I inspected creameries, cheese factories and skimming stations located in the following counties: Milwaukee, Waukesha, Racine, Kenosha, Walworth, Rock, La Crosse, Trempealeau, Monroe, Jackson, Buffalo, Vernon, Price, Vilas, Iron and Ashland amounting in all to 369 inspections. My work during the greater part of this time consisted of what was termed a "hasty" inspection and was made for the purpose of securing a correct list of all creameries, cheese factories and skimming stations in the different counties, with a report as to their management, condition of apparatus, etc., and especially as to their sanitary condition.

Where plants were not found as clean as should be or where drainage was poor and as in some cases where no provision had been made whatever, instructions were given as to requirements of the dairy and food laws of the state respecting such conditions and a warning given that an early compliance with them would be necessary. In some of the worst cases a time limit was given in which to "clean up" or prosecution would follow, and I am pleased to say, a second visit found those places wonderfully improved.

I also visited some 60 odd milk dealers in the City of Milwaukee for the purpose of enforcing the law requiring milk cans received over any railroad or boatline to be thoroughly cleansed and aired before return to shipper. Some dealers doing a large wholesale business find this a pretty hard proposition but from reports from various sources, the general condition has been very much improved. I also visited some 20 Centralizing Plants for the same purpose and without exception found them complying with the law in this respect.

Beginning March 1st with the Counties of Milwaukee, Waukesha Racine and Kenosha assigned to me, a second and much more thorough inspection was instituted.

The milk as received was inspected also cans containing the same and when condition of such was contrary to requirements of the State Dairy and Food Laws notification was given to that effect with instructions to meet requirements. The quality of milk received at creameries through this section is generally reported as improving.

Test bottles were calibrated and those found incorrect destroyed. Pipettes were tested as to capacity and tested as to condition to insure accurate work. The method of taking and caring for composite samples was noted and the necessity of greater care in this respect was shown in numerous cases.

I tested over 2500 samples of milk for butter-fat and a great many with lactometer to determine solids. Two prosecutions for adulteration of milk were brought and won by the State. A fine of \$25 and costs being imposed in each instance.

In the older Dairy section of the State notably Racine and Kenosha Counties a great many old and poorly constructed creameries exist.

In many cases the location was chosen with no regard to drainage possibilities and as a consequence some of those creameries are now face to face with the problem of either moving building to a better location or going to large expense in order to secure proper drainage.

I have noticed a great improvement through this section in regard to cleanliness and better methods in creamery work.

Starter cans which were a very scarce article in the equipment of creameries on my first visit are now to be found in a large percentage of them and the makers as a rule are taking more interest in their work and are exhibiting more nerve in rejecting unfit material at the weigh can, knowing and appreciating the fact that they are backed by State Aid.

There is still room for considerable improvement however, both as regards methods employed in the creamery and by the patron in the care of his milk. In the first case I have in a number of instances tested butter milk which showed a loss of 6 per cent and skim milk which showed 2 per cent. To my mind such results show careless and inefficient workmanship and as the general condition of such creameries is usually on a par with those results, this furnishes a strong argument for the licensed maker and the weeding out of incompetents.

In regard to the quality of milk being delivered to our creameries I will say that from my experience in handling same I am satisfied that in a large majority of cases "especially during spring and summer months" the poor quality or "tainted milk is caused by same being placed in unclean or old rusty cans. In this regard would suggest that much more efficient work could be accomplished by inspectors had they the authority to hold such cans in order to produce the same as evidence in court.

The work the Dairy and Food Commissioner of Wisconsin has undertaken in building up the reputation of our Dairy Products by improving the quality in enforcing absolute cleanliness in the manufacture of same should have the unqualified support of all. An impression is being made which will in time place Wisconsin where she belongs "At the Head" in quantity and quality of dairy products.

Respectfully submitted,

WILL MCADAM.
Creamery Inspector.

Hebron, July 5th, 1906.

HON. J. Q. EMERY,

Dairy and Food Commissioner.

Sir:—I respectfully submit the following report of work performed by myself from July 22nd, 1905, the date of my appointment, to July 1st, 1906.

Number of creameries, cheese factories and skim stations inspected in the months of

August, 1905,	83
September,	53
October,	76
November,	96
December,	37

The factories enumerated were located in the following counties: Jefferson, Rock, Columbia, Waushara, Adams, Juneau, Marathon, Langlade, Wood, Lincoln, Forest, Florence, and Dane.

From January 1st, 1906 to January 23 I was actively engaged in

the work of inspection, Milk testing and taking barn samples. During this time I tested several hundred samples of milk and cream mostly at creameries.

From January 23 to April 6th, I was engaged in the work of city milk inspection. This work consists of securing the samples from the dealer taking lactometer readings, the Wisconsin Curd test the Babcock test and the inspection of barns and utensils.

For performing this work the following apparatus was carried: a Babcock tester, 4 bottle machine, Jars for the Wisconsin Curd test also our inspector's case with instruments consisting of Pipettes, Lactometer, acid tester, tablets and cylinder for Farrington Test, rennet for curd test, Speed indicator, instruments, for the calibration of test bottles, Dividers and sealing wax.

Following is a list of the cities visited and Number of samples taken.

Oconomowoc	6
Watertown	5
Jefferson	4
Milwaukee	16
Milwaukee	10
Menasha	3
Green Bay	4
Appleton	13
Sheboygan	9
Manitowoc	9
Fond du Lac	9
Oshkosh	11
Waukesha	8
Kenosha	10
Racine	13
Whitewater	6
Oconto	4
Marinette	9
Rhineland	5
Ft. Atkinson	6
Antigo	4
Merrill	3
Wausau	

From April 6, 1906, to July 1, 1906, I have been actively engaged in the inspection of creameries, cheese factories and skim stations in the territory assigned to me, which comprises Jefferson, Walworth and Rock counties. At the factories inspected at different parts of this district all glassware was calibrated, milk inspected as received, also a thorough inspection of the milk cans. Have placed in the hands of each patron a copy of the dairy laws in pamphlet form.

There is a decided improvement in the sanitary condition of the creameries and cheese factories visited this year over that of last year. Cement floors are taking the place of the old wooden floors, paint is being applied both inside and out. Steel tanks are taking the place of the wooden ones for the sour milk. The milk pipes are kept cleaner and a general improvement noted all along the line.

I have had twelve prosecutions for violation of the dairy laws, which have been won by the state and a fine and costs imposed in each case of \$25.

Very Respectfully.

JAMES VAN DUSER,
Creamery Inspector.

MADISON, Wis., July 6, 1906.

HON. J. Q. EMERY,
Dairy and Food Commissioner.
Madison, Wis.

SIR: I have the honor of herewith submitting to you a report of the work performed by me for the dairy and food commission as creamery inspector from January 2, 1905, until June 30, 1906. I received the appointment as creamery dairy and food inspector December 14, 1905, but was unable to take up active work for the commission until January 2, 1906.

During the time specified, I have in collaboration with Fred Marty, foreign cheese expert for the commission, inspected the milk supply of twenty-seven cities. The milk was tested by the Babcock test to ascertain the butter fat content, and also by the Wisconsin curd test to ascertain the care and cleanliness with which it had been produced. As a usual thing the milk was found good, not only so far as the fat content was concerned, but the curd test revealed that it was produced under fairly good sanitary conditions. Where milks were found below the legal standard of solids fat or solids not fat, samples were sent under seal to the state chemist, Dr. Fischer, for analysis.

The inspection of the city milk was not followed up by barn inspections, but in my judgment, it would be a profitable thing for an inspector to do so, especially where conditions, as revealed by the curd test, indicated poor milks. Many barns where cattle are kept are illy ventilated and poorly lighted.

I have visited in this time thirty-seven creameries, which are mostly of the so-called gathered cream or hand separator type. Some of these are doing good work, but a large number are taking in cream that is too old and too highly acid to produce first class butter. Many cans showed decided barn and other flavors, undoubtedly due to the separators being kept in barns and not properly cleaned; others showed vegetable and cellar odors, indicating that the cream has been kept in cellars or in kitchens; too many showed the effect of mixing the warm cream from the separator with that of the previous skimming without being cooled to the temperature.

Some of these creameries are substantially built with cement floors and good drainage. Too many, however, are old frame buildings, with wood floors and poor drainage.

Fourteen skimming stations have been inspected, which are usually built in the cheapest manner and too many of them are operated by men who are not competent to judge of the quality of milk or cream. So long as milk can be run through the separator it is accepted by these men regardless of its condition.

I have also visited twenty cheese factories, most of them making what is termed "brick cheese." While the factories and surroundings are not of the best as a usual thing, the curing room, which is usually in a stone basement, is above criticism. Those factories making the American style of cheese are poorly equipped with curing rooms, some having none at all, the cheese being left on the shelves in a work room.

In the selection of a site of many of these creameries and cheese factories the fact that drainage was necessary was not taken into consideration, causing a considerable amount of trouble and annoyance.

I have submitted to the laboratory thirty-two samples of milk, two of extracts and have brought eight prosecutions and secured convictions in each case.

Respectfully submitted,

P. A. LARSON,
Creamery Inspector.

MOUNT HOREB, WIS., July 9, 1906

HON. J. Q. EMERY,

Dairy and Food Commissioner,
Madison, Wis.

Sir: In compliance with your request, I submit herewith my report as food inspector for the dairy and food commission of Wisconsin, covering the period beginning December 1, 1905, and ending June 30, 1906.

I was appointed food inspector December 1, 1905. On assuming the duties of my office, I took up the work with F. M. Bussell, chief food inspector, for one week. I have visited 137 cities and villages, and inspected about 1,000 stores, purchased 234 samples which I have submitted to the chemist, convicted 5 grocers of selling adulterated food stuffs. Some of these stores I have visited for the second time with the result of finding in most places that they have complied with the law. In all I have traveled some 7,000 miles. In most places I find the retailers are pleased to have an inspector visit them and advise them.

Yours respectfully,

W. F. SCOTT

Food Inspector.

CHEESE FACTORY INSPECTION.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
ADAMS CO.									
1905.									
Oct. 3	Big Springs	Kilbourn, R. 2....	No	No	Good	Not clean ...	Passable ...	Bad	Good
Oct. 4	Point Bluff	Point Bluff	Yes	No	Good	Good	Clean	Good	Good
Oct. 4	Easton	Easton	Yes	Yes	Good	Clean	Clean	Good	Good
ASHLAND CO.									
Dec. 7	Sanborn	Sanborn	Closed for season						
Dec. 18	Sanborn	Sanborn	Yes	No	None	Clean	Not clean		Poor
Dec. 6	Butternut	Butternut	No	No	None	Passable	Passable		Poor
Dec. 18	Butternut	Butternut	Yes	No	None	Clean	Not clean	Not all good	Poor
Dec. 9	Glidden Dairy Co.	Glidden	No	No	Good	Clean	Clean		Good
BARRON CO.									
Aug. 19	Pioneer	Turtle Lake, R. 2.	Yes	Yes	Poor	Good	Not clean ...	Good	Good
Aug. 19	Maple Leaf	Clayton, R. 2....	Yes	Yes	Poor	Good	Not clean ...	Good	Good
Aug. 19	Crescent	Clayton, R. 2....	Yes	No	Passable	Good	Not clean ...	Good	Poor
Aug. 26	Campia	Rice Lake, R. 1..	Yes	No	None	Good	Clean	Good	Passable
Aug. 26	Cedar Lake	Rice Lake, R. 1..	No	No	None	Good	Not clean ...	Good	Poor
Aug. 26	Bear Lake	Rice Lake, R. 2....	Yes	Yes	None	Good	Not clean ...	Good	Good
Aug. 27	Star	Cumberland, R. 1.	Yes	Yes	Poor	Good	Clean	Good	Good
BROWN CO.									
July 19	Beemster & Bierstecker	De Pere	Yes	Yes	None	Good	Not clean ...	Good	Good
July 31	D. Falck	De Pere, R. 1....	Yes	No	None	Good	Not clean ...	Good	Good
Aug. 12	Lusha	W. De Pere	Yes	No	None	Passable	Not clean ...	Good	Good
Aug. 15	Wis. B. & C. Co.	Wrightstown	Yes	No	Good	Clean	Not clean ...	Good	Good
Aug. 15	Dobestein	De Pere, R. 2....	Yes	No	Poor	Clean	Bad	Good	Good
Aug. 15	Schroeder	De Pere, R. 2....	Yes	No	Poor	Clean	Not clean ...	Not clean ...	Good
Aug. 15	Ledgville Co-op.	De Pere, R. 2....	Yes	Yes	None	Not clean ...	Not clean ...	Not all clean	Good
Aug. 15	E. Wrightstown	Greenleaf, R. 2....	Yes	No	None	Clean	Not clean ...	Good	Clean
Aug. 16	H. Schroeder	Greenleaf	Yes	No	Passable	Clean	Clean	Good	Good

Aug. 16 L. Falck	Morrison	Yes	No	None	Clean	Not clean	Good	Good
Aug. 16 Brown Co., B. & C. Co.	Rose Lawn, R. 2.	Yes	Yes	None	Clean	Clean	Good	Good
Aug. 16 Greenleaf	Greenleaf	Yes	Yes	None	Clean	Not clean	Good	Good
Aug. 16 Chas. Went & Co.	Greenleaf, R. 2	Yes	No	None	Clean	Bad	Good	Clean
Aug. 16 Radder	Reedsville	Yes	No	Poor	Clean	Not clean	Good	Not clean
Aug. 17 Wayside	Wayside	Yes	Yes	None	Not clean	Not clean	Good	Not clean
Aug. 17 Natzke	Wayside	Yes	Yes	Good	Passable	Bad	Good	Not clean
Aug. 17 Saenger	Lark	Yes	No	None	Not all clean	Bad	Good	Good
Aug. 17 Shirley	Shirley	Yes	No	None	Good	Not clean	Good	Poor
Aug. 17 Falck	De Pere, R. 1	Yes	No	None	Good	Clean	Good	Good
Aug. 18 East Holland	Greenleaf, R. 2	Yes	No	Good	Clean	Clean	Good	Clean
Aug. 18 Fox Bros.	Greenleaf, R. 1	Yes	No	Good	Clean	Passable	Good	Clean
Aug. 18 White Clover	Sylvester	Yes	No	Good	Not all clean	Not clean	Good	Good
Aug. 18 De Pere	De Pere, R. 2	Yes	Yes	Good	Clean	Clean	Good	Good
Aug. 18 Kronk	De Pere, R. 11	Yes	No	Good	Clean	Clean	Good	Good
Aug. 18 Smith	Stark	Yes	No	Bad	Clean	Bad	Good	Not clean
Aug. 18 Waternowski	Green Bay, R. 5	Yes	No	Passable	Clean	Not clean	Good	Clean
Aug. 18 Hoffman & Sons	Hebel	Yes	No	Poor	Not clean	Good	Not all good	Not clean
Aug. 18 Denmark	Denmark	Yes	Yes	None	Not clean	Bad	Good	Not clean
Aug. 19 Zindzinske	Langes	Yes	No	Bad	Not clean	Not clean	Good	Passable
Aug. 19 Jensen Bros.	Pine Grove	Yes	No	None	Not clean	Not clean	Some rusty	Good
Aug. 23 Pittsfield Co-op.	Green Bay, R. 8	Yes	No	Good	Clean	Clean	Good	Good
Aug. 23 Flintville	Flintville	Yes	No	None	Not clean	Not clean	Good	Bad
Aug. 24 Hendrickson	Green Bay, R. 4	Yes	No	None	Clean	Bad	Good	Poor
Aug. 24 Fontenoy	Green Bay, R. 2	Yes	Yes	None	Clean	Not clean	Not clean	Good
Aug. 24 New Denmark	Fontenoy	Yes	No	Good	Clean	Not clean	Clean	Poor floor
Aug. 23 Pulaski	Pulaski	Yes	No	None	Not clean	Not clean	Clean	Good
Aug. 23 Pasch	Green Bay, R. 8	Yes	Yes	None	Clean	Not clean	Clean	Good
Aug. 25 Conrad	Poland	Yes	No	None	Not clean	Not clean	Clean	Poor
Aug. 25 Buckman	Buckman	Yes	No	None	Good	Not clean	Clean	Good
Aug. 26 Riverside	Big Suamico	Yes	No	None	Good	Clean	Clean	Good
Aug. 30 Lenschoen	Green Bay, R. 3	Yes	No	None	Good	Clean	Clean	Good
Aug. 16 Lindzinski	Langes	Yes	No	Bad	Not all clean	Not clean	Clean	Not clean
Aug. 16 Mattemoski	Green Bay, R. 5	Yes	No	None	Clean	Clean	Clean	Good
Aug. 16 Hendrickson	Green Bay, R. 4	Yes	No	None	Clean	Clean	Clean	Passable
Aug. 15 Conrad	Poland	Yes	No	None	Clean	Clean	Clean	Not clean
Aug. 16 Buckman	Buckman	Yes	No	None	Clean	Clean	Clean	Good
Aug. 16 Benecke	Fontenoy, R. 2	Yes	No	Good	Clean	Clean	Clean	Good
Aug. 18 Lindzinski	Lang	Yes	No	Bad	Not clean	Not clean		Bad
Aug. 18 Conrad	Poland	Yes	No	None	Clean	Clean		Good
Aug. 18 Hoffman	Hebel	Yes	No	None	Passable	Passable		Not clean

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
BUFFALO CO.									
1905.									
Nov. 23	Gross	Alma, R. 2	No	No	Bad	Good	Passable	Good	Good
Nov. 23	Castelberg	Alma, R. 2	No	No	None	Good	Passable	Good	Good
Nov. 23	Mill Creek	Alma, R. 2	No	No	Poor	Not clean	Passable	Good	Good
Nov. 23	Tell	Alma, R. 2	No	No	Good	Good	Clean	Good	Good
Nov. 23	Winger Creek	Tell	Yes	No	Poor	Good	Passable	Good	Good
Nov. 23	Trout Creek	Alma R. 2	No	No	Good	Good	Good	Good	Good
Nov. 23	Hutchinson Creek	Tell, R.	No	No	Poor	Good	Good	Good	Good
Nov. 24	Griffin	Gilmanton	No	No	Passable	Good	Good	Good	Good
Nov. 24	Lookout	Lookout	Yes	No	Passable	Poor	Clean	Good	Poor floor
Nov. 24	Gilmanton	Gilmanton, R.	No	No	None	Good	Clean	Good	Poor floor
Nov. 24	Pine Creek	Tell, R. 1	No	No	Poor	Not clean	Passable	Good	Passable
Nov. 25	Gilman Valley	Mondovi, R.	Closed temp.						
Nov. 27	Merritt Co-op.	Mondovi	Closed temp.						
Nov. 29	Rose Valley	Cochran							
CALUMET CO.									
July 7	Mauke	Brillion, R. 2	No	No	Good	Good	Bad	Good	Good
Sept. 15	Bastian & Zick	Brillion	Yes	No	Poor	Not clean	Not clean	Good	Not clean
Sept. 18	Killsnake	Hilbert, R. 5	Yes	No	Poor	Good	Poor		Good
Sept. 15	Mauke	Brillion, R. 2	No	No	Good	Clean	Bad	Good	Good
Sept. 18	Gephert & Krueger	Chilton, R. 4	Yes	No	Passable	Not clean	Not clean	Not all good	Bad
Sept. 18	Hadler	Chilton, R. 4	Yes	No	None	Good	Good	Good	Good
Sept. 18	Hilbert	Hilbert, R. 4	Yes	No	None	Good	Not clean	Not clean	Good
Aug. 18	Sampe	Hilbert, R. 4	Yes	No	Poor	Passable	Passable	Good	Not clean
Sept. 18	Hernke	Hilbert, R. 2	Yes	No	Poor	Good	Good	Good	Good
Sept. 18	Knepfel	Hilbert, R. 2	Yes	No	None	Not all clean	Not clean	Not all clean	Not clean
Sept. 20	Bauer	Chilton, R. 3	Yes	No	Bad	Good	Bad	Good	Good
Sept. 20	St. John	Hilbert, R. 3	Yes	No	Good	Good	Passable	Good	Good
Sept. 20	Sherwood	Sherwood	Yes	No	None	Good	Bad	Good	Good
Sept. 20	Bloy	Hilbert, R. 2	Yes	Yes	Good	Not all clean	Good	Good	Good
Sept. 20	Dundas	Dundas	Yes	No	Good	Good	Not clean	Good	Good
Sept. 20	So. Kaukauna	So Kaukauna	Yes	No	Bad	Good	Good	Good	Good
Sept. 20	Harrison	Sherwood	Temp. idle.						
Sept. 21	Riedel	Hilbert, R. 5	Yes	No	Poor	Good	Not clean	Good	Good
Sept. 21	Freund	Hilbert, R. 5	Yes	Yes	None	Good	Clean		Good

Sept. 21	Zahn	Hayton, R. 1	Yes	No	None	Not clean	Not clean	Good	Not clean
Sept. 21	Potters	Potters	Yes	No	None	Good	Not clean	Not all good	Good
Sept. 21	Beilke	Brillion, R. 3	Yes	No	Poor	Good	Good	Not all good	Passable
Sept. 21	Halvorson	Brillion, R. 3	Yes	No	None	Good	Passable	Good	Poor
Sept. 21	Madison	Brillion	Yes	No	Good	Good	Bad	Good	Good
Sept. 22	Bradlenwald	Brillion, R. 1	Yes	No	None	Not all clean	Not clean	Not all good	Good
Sept. 22	Wolfmeyer	Brillion, R. 1	Yes	No	Good	Good	Passable	Good	Good
Sept. 22	Maede	Forest Jc	Yes	No	None	Clean	Not clean	Some poor	Good
Sept. 22	Luidow	Hilbert, R. 2	Yes	No	None	Not all clean	Not clean	Good	Passable
Sept. 22	Knoespel	Forest Jc. R. 1	Yes	No	Poor	Clean	Not clean	Clean	Good
Sept. 23	Piper	Chilton, R. 4	Yes	No	None	Clean	Not clean	Clean	Good
Sept. 23	Albert	Chilton	Yes	No	None	Clean	Passable	Not clean	Not clean
Sept. 23	Steffes	Chilton, R. 2	Yes	Yes	None	Clean	Passable	Not clean	Good
Sept. 23	Peot	Hilbert, R. 1	Yes	No	None	Clean	Bad	Not clean	Bad
Sept. 25	Heisdorf	Hilbert, R. 3	Yes	No	Bad	Not clean	Not clean	Not clean	Poor
Oct. 2	Greim	Chilton	Yes	No	Bad	Good	Passable	Not clean	Good
Oct. 2	Sohnweld	Chilton, R. 3	Yes	No	None	Not all clean	Passable	Not all clean	Passable
Oct. 3	Roerig	New Holstein, R. 2	Yes	Yes	Bad	Not all clean	Bad	Not all clean	Bad
Oct. 9	Valley Factory	New Holstein	Yes	No	None	Not all clean	Not clean	Good	Good
Oct. 9	Burg	New Holstein, R. 3	Yes	No	Poor	Not all clean	Bad	Good	Not clean
Oct. 9	Hillside	New Holstein, R. 3	Yes	No	Passable	Clean	Good	Good	Good
Oct. 9	Weber	New Holstein, R. 1	Yes	No	Passable	Clean	Good	Good	Good
Oct. 2	Brant	Hilbert, R. 4	Yes	Yes	None	Not clean	Not clean	Some poor	Not clean
Oct. 2	Schulte	Hilbert, R. 1	Yes	No	Poor	Not clean	Bad	Good	Poor
Oct. 2	Kloton	Chilton, R. 3	Yes	No	None	Good	Not clean	Good	Good
Sept. 23	Hayton	Hayton	Yes	No	Good	Good	Good	Good	Good
Sept. 23	Chilton	Chilton	Yes	No	Good	Good	Good	Not all good	Good
Oct. 9	St. Anna	New Holstein, R. 3	Yes	Yes	Good	Clean	Clean	Good	Good
Oct. 9	New Holstein	New Holstein	Yes	No	Good				

CHIPPEWA CO.

July 31	Anson	Chippewa Falls, R. 2	Yes	Yes	Poor	Good	Passable	Good	Good
Aug. 1	Drywood	Cadott, R. 2	Yes	No	Poor	Good	Clean	Good	Good
Aug. 1	Crescent	Cadott, R. 2	Yes	No	Poor	Not clean	Not clean	Good	Passable
Aug. 2	Dietrich	Cadott, R. 1	Yes	No	Good	Good	Good	Good	Good
Aug. 3	Lafayette	Chippewa Falls, R. 1	Yes	No	Poor	Passable	Passable	Good	Poor floor
Aug. 3	No Star	Juneau	No	No	Poor	Good	Not clean	Good	Passable
Aug. 3	Deerbrook	Stanley, R. 1	Yes	No	Passable	Good	Good	Passable	Good
Aug. 3	Geiger	Stanley, R. 1	Yes	No	Passable	Good	Good	Passable	Passable
Aug. 3	Seidling	Boyd, R. 1	No	No	Good	Good	Good	Passable	Good
Aug. 4	Stanley	Stanley, R. 1	Yes	Yes	Passable	Good	Passable	Good	Good
Sept. 1	North Star	Watertown	No	No	Poor	Good	Not clean	Good	Not clean
Sept. 5	Fairview	Fairchild, R. 1	No	No	Passable	Passable	Not clean	Good	Poor
Sept. 9	Green Grove	Colby, R. 2	Yes	No	Poor	Clean	Not clean	Good	Good

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
CHIPPEWA CO.									
1905.									
Nov. 9	Mandel's	Colby, R. 2.....	Yes	No	Poor	Clean	Not clean ...	Good	Good
Nov. 9	Welsch's	Unity, R. 1.....	Yes	No	None	Clean	Not clean ...	Good	Good
CLARK CO.									
Nov. 10	Hoard	Dorchester, R. 2...	Yes	No	None	Clean	Not clean ...	Good	Good
Nov. 10	Mayville	Dorchester, R. 2...	Yes	No	None	Clean	Not clean ...	Good	Passable
Nov. 10	Steinwand	Colby, R.	Yes	No	Poor	Clean	Not clean ...	Good	Good
Nov. 10	Dorchester	Dorchester, R. 1....	Yes	No	Poor	Clean	Not clean ...	Good	Passable
Nov. 7	Reseberg	Thorp, R. 1.....	Yes	No	Poor	Not clean ...	Not clean ...	Good	Good
Nov. 7	Clover Leaf	Stanley, R. 2.....	Yes	No	Poor	Clean	Not clean ...	Good	Good
Nov. 14	Steinwand	Colby, R. 2.....	Yes	No	Passable	Clean	Good	Good	Good
Nov. 14	Big Four Ch. & B.	Unity, R. 1.....	Yes	No	Poor	Clean	Not clean ...	Good	Passable
Nov. 15	Sherman	Spencer, R. 2.....	Yes	No	Poor	Not clean ...	Not clean ...	Good	Passable
Nov. 15	Maple Grove	Unity, R. 1.....	Yes	No	Poor	Passable	Not clean ...	Good	Passable
Nov. 15	Cheese Factory	Spencer, R. 1.....	No	No	Passable	Clean	Not clean ...	Good	Passable
Nov. 16	Beaver	Spencer, R. 1.....	Yes	No	Poor	Clean	Not clean ...	Good	Passable
Nov. 16	Dodgeville	Loyal	Yes	No	Poor	Not clean ...	Not clean ...	Good	Passable
Nov. 17	Christiny	Greenwood, R. 1....	Yes	No	Poor	Not clean ...	Not clean ...	Good	Passable
Nov. 25	County Farm	Neillsville, R. 1....	Yes	No	Poor	Clean	Not clean ...	Good	Good
Nov. 25	Pleasant Ridge	Neillsville, R. 1....	Yes	No	Poor	Passable	Not clean ...	Good	Poor
Nov. 21	Central	Greenwood, R. 2....	No	No	Passable	Clean	Good	Not all clean	Good
Nov. 23	York	Granton, R. 1.....	Yes	No	Poor	Not clean ...	Not clean ...	Good	Passable
Nov. 23	Enterprise B. & C.	Granton, R. 2.....	Yes	No	Poor	Not clean ...	Not clean ...	Good	Passable
Nov. 23	Dells Dam	Neillsville, R. 2....	Yes	No	Passable	Passable	Not clean ...	Good	Good
Nov. 27	Humbird	Humbird	Yes	No	Passable	Clean	Not clean ...	Good	Passable
COLUMBIA CO.									
July 20	Courtland	Cambria	No	No	Poor	Clean	Clean	Good	Good
Sept. 14	Courtland B. & Ch	Randolph, R. 1....	Yes	No	Good	Clean	Clean	Good	Good
Sept. 14	Centerville B. & Ch	Cambria, R. 1.....	Yes	No	Poor	Clean	Not clean ...	Good	Poor
Sept. 14	Main St. B. & Ch.	Watertown	No	No	Good	Clean	Bad	Good	Good
Sept. 14	Randolph Center.	Watertown	No	No	Good	Clean	Bad	Good	Good

Sept. 14	Stone School	Watertown	No	No	Good	Clean	Bad	Good	Good	
Sept. 19	So. Caledonia	Neosho	Yes	No	Good	Clean	Good	Good	Good	
Sept. 21	West Columbus	Columbus, R. 1	Yes	No	Good	Clean	Good	Good	Good	
Oct. 12	Centerville	Beaver Dam	No	No	Bad	Not all clean	Bad	Good	Floor poor	
Oct. 12	Gravel Stone	Watertown	No	No	Poor	Good	Not clean	Not all good	Good	
CRAWFORD CO.										
Nov. 20	Maple Ridge	Boscobel	Closed temp.							
Nov. 21	Springville Ctr.	Boscobel	Yes	No	None	Not clean	Not clean	Good	Poor	
Nov. 21	Mt. Zion	Boscobel, R. 3	Yes	No	Good	Not all clean	Not clean		Poor	
Nov. 21	Harmony Hill	Boscobel								
Nov. 23	Boydtonn	Wauzeka	Yes	No	None	Not clean	Not clean	Good		
DANE CO.										
Nov. 16	Damhold	Belleville	No	No	Bad	Not clean	Not clean	Good	Poor	
Nov. 16	Miller Hollow	Mt. Vernon, R. 6	No	No	Good	Clean	Not clean	Good	Good	
Dec. 1	Rudy Wild	Belleville	No	No	Good	Clean	Not clean		Good	
Dec. 1	Zwifel	Belleville	No	No	Passable	Clean	Not clean	Good	Good	
Dec. 1	Fritz	Belleville	No	No	Passable	Clean	Not clean	Good	Poor	
Dec. 1	Lyle	Belleville, R. 1	No	No	Poor	Clean	Clean	Good	Poor	
Dec. 1	Legler	Verona, R. 2	No	No	Good		Not clean		Poor	
Dec. 1	Malloy	Verona	No	No	Poor	Clean	Not clean	Good	Poor	
Dec. 1	Basco	Basco	No	No	Poor	Not clean	Not clean	Good	Poor floor	
Dec. 1	Central	Basco, R. 1	No	No	Poor	Clean	Not clean	Good	Poor	
Dec. 2	Stone Hill	Belleville	No	No	Poor	Clean	Not clean	Good	Poor	
Dec. 9	Erb	Belleville, R. 59	No	No	Good	Clean	Not clean	Good	Good	
Dec. 2	Standard	Belleville, R.	Not running	Not running						
Dec. 2	Peerless	Belleville, R. 1	No	No	Good	Clean	Not clean	Good	Good	
Dec. 2	Belleville	Belleville	No	No	Good	Clean	Not clean	Good	Good	
Dec. 6	Myrland	Mt. Horeb, R. 6	No	No	Poor	Clean	Not clean	Good	Poor	
Dec. 6	Holland	Belleville	No	No	Poor	Clean	Not clean	Good	Poor	
Dec. 7	Green Prairie	Mt. Horeb, R. 3	No	No	Good	Clean	Good	Good	Poor floor	
Dec. 7	Eugenia	Mt. Horeb, R. 3	No	No	Good	Not all clean	Not clean	Good	Good	
Dec. 7	J. Hefty	Mt. Vernon, R. 6	No	No	Passable	Clean	Not clean	Good	Poor floor	
Dec. 7	Doescher	Mt. Horeb, R. 6	No	No	Good	Clean	Not clean	Good	Good	
Dec. 7	Rock Hill	Mt. Horeb, R. 6	No	No	Poor	Bad	Not clean	Good	Poor	
Dec. 7	Malone	Mt. Horeb, R.	No	No	Poor	Clean	Not clean	Good	Good	
Dec. 7	Schneider	Mt. Horeb, R.	No	No	Passable	Clean	Good	Good	Good	
Dec. 8	Lukken	Mt. Horeb, R. 4	No	No	Good	Not all clean	Not clean	Good	Good	
Dec. 8	German Valley	Mt. Horeb, R. 5	No	No	Good	Clean	Not clean	Good	Good	
Dec. 8	So. Blue Mounds	Blue Mds, R. 75	No	No	Passable	Clean	Clean	Good	Poor	
Dec. 8	No. Perry	Blue Mds, R. 75	No	No	Good	Clean	Bad	Good	Poor	
Dec. 8	Blue Rock	Blue Mds.	No	No	Passable		Not clean	Good	Poor	

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
DANE CO.									
1905.									
Dec. 8	Blue Valley	Mt. Horeb, R. 5...	No	No	Good	Clean	Not clean	Good	Poor floor...
Dec. 8	Elm Grove	Mt. Horeb, R. 67	No	No	Poor	Clean	Not clean	Good	Poor
Dec. 8	Perry	Mt. Horeb, R. 4...	No	No	Passable	Clean	Not clean	Good	Passable
Dec. 8	Sand Hill	Mt. Horeb, R. 3...	No	No	Good	Not clean	Not clean	Good	Poor floor...
Dec. 12	F. Arn	Mt. Horeb R. 4...	No	No	Poor	Clean	Not clean	Some bad	Poor
Dec. 12	Perry Center	Mt. Horeb, R. 5...	No	No	Good	Clean	Clean		Good
Dec. 12	Sunnyside	Mt. Horeb, R. 5...	No	No	Good	Not clean	Not clean		Poor
Dec. 12	Goli	Mt. Horeb, R. 5...	No	No	Passable	Clean	Not clean	Good	Passable
Dec. 12	Flisran	Mt. Horeb, R. 5...	No	No	Passable	Clean	Not clean	Good	Good
Dec. 12	Kettleston	Mt. Horeb, R. 5...	No	No	Bad	Not clean	Bad		Poor
Dec. 12	Big Stone	Mt. Horeb, R. 5...	No	No	Bad	Clean	Bad		Poor
Dec. 13	Lee Valley	Blanchardville	No	No	Passable	Clean	Not clean	Good	Poor
Dec. 13	Perry Lutheran	Mt. Horeb, R. 5...	No	No	Bad	Clean	Not clean	Good	Poor floor...
Dec. 13	Anderson	Mt. Horeb, R. 5...	No	No	Bad	Clean	Not clean		Poor floor...
Dec. 13	Goodwin	Verona, R.	No	No	Good	Clean	Not clean	Good	Poor floor...
Dec. 15	Holmenn	Riley, R.	No	No	Bad	Clean	Bad	Good	Good
Dec. 15	Kelley Hill	Mt. Vernon	No	No	Good	Clean	Bad	Good	Bad
Dec. 15	Harker	Verona	No	No	Poor	Clean	Bad	Good	Good
Dec. 15	Badger	Mt. Horeb, R. 2...	No	No	Bad	Clean	Bad	Good	Poor
Dec. 15	Wittmer	Belleville, R. 58...	No	No	Poor	Clean	Not clean	Good	Passable
Dec. 15	J. Mueller	Verona, R.	No	No	Passable	Clean	Not clean	Good	Clean
Dec. 16	Salmon	Riley	No	No	Poor		Bad	Good	Poor
Dec. 16	Prairie Ridge	Riley, R. 64	No	No	Bad	Clean	Bad	Good	Poor
Dec. 16	Klevenville	Klevenville	No	No	Bad			Good	Good
Dec. 16	Badger	Mt. Horeb	No	No	Good	Clean	Not clean	Good	Good
Dec. 16	Gausmann	Riley, R.	No	No	Bad	Clean	Not clean	Good	Passable
July 21	Svenson	Mt. Horeb	No	No	Poor	Not all clean	Bad		Poor
Dec. 19	Lead Mine	Blue Mounds	No	No	Good	Clean	Not clean		Good
July 21	Land Rock	Mt. Horeb	No	No	Poor	Clean	Good	Good	Passable
Dec. 19	Erb	Blue Mounds	No	No					
Dec. 19	S. Wittwer	Riley	No	No	Bad	Not clean	Not clean		
July 22	Gustave	Verona	No	No	Good	Clean	Not clean	Good	Passable
Aug. 23	Standard	Mt. Horeb, R. 2...	No	No	Bad	Not clean	Bad	Not clean	Poor
Nov. 28	Blue Mounds	Blue Mounds							

Nov. 28	Spring Valley	Blue Mounds		No	No	Poor	Clean	Not clean	Good	Poor floor
Nov. 28	Mickelson	Mt. Horeb	No	No						New
Nov. 29	Murphy	Klevenville								
Dec. 7	Wilku	Verona	Closed temp.							
Dec. 7	Simon	Riley	No	No	Poor	Clean	Not clean	Good	Good	Poor
Dec. 19	Vermont	Black Earth	Yes	No						Good
Dec. 19	Diamond	Black Earth	Closed temp.	Closed temp.						
Dec. 19	Hustad	Windsor	Yes	No						New

DODGE CO.

Oct. 20	Rock River Street	Hustisford	No	No	None	Clean	Clean	Good	Poor
July 8	Sunnyside	Burnett Jc.	No	No	Passable	Good	Not clean	Not all clean	Good
Aug. 11	Saylesville	Oconomowoc	No	No	Good	Good	Good	Good	Not all clean
Aug. 11	Cherry Hill	Oconomowoc	No	No	Good	Good	Not clean	Good	Not clean
Aug. 11	Rubicon	Neosho	No	No	Good	Clean	Poor	Good	Good
Aug. 11	Woodland	Woodland	No	No	Good	Good	Poor	Good	Clean
Aug. 11	Hulsburg	Hulsburg	No	No	Good	Good	Good	Good	Poor floor
Aug. 11	North Rubicon	Oconomowoc	No	No	Good	Good	Good	Good	Good
Oct. 10	Hancock	Watertown, R. 8	Sometimes	No	Good	Good	Good	Good	New
Oct. 17	Globe	Watertown	Yes	Yes	Passable	Clean	Poor	Not all good	Poor floor
Oct. 17	North Road	Watertown, R. 1	No	Yes	None	Clean	None	Not all good	Poor floor
Oct. 17	Union	Watertown	No	Yes	Poor	Not clean	Not clean	Good	Passable
Oct. 17	O'Connor	Watertown	No	No	Good	Good	Poor	Good	Not clean
Oct. 18	Rock	Watertown	No	No	Good	Good	Not clean	Good	Poor
Oct. 18	Jossi, Main St.	Watertown	No	No	Good	Good	Not clean	Good	Poor
Oct. 18	Lebanon	Lebanon	No	No	Good	Some poor	Not clean	Good	Poor floor
Oct. 18	Golden Star	Watertown	No	No	Passable	Some poor	Not clean	Good	Poor
Oct. 18	Sugar Island	Watertown	No	No	None	Poor	Not clean	Good	Poor
Oct. 18	Ashippun	Oconomowoc	No	Yes	None	Good	Not clean	Some poor	Poor
Oct. 18	North Star	Oconomowoc	No	No	Bad	Good	Not clean	Some poor	Poor floor
Oct. 18	Rock Ridge	Hustisford	No	No	None	Good	Not clean	Mostly good	Poor floors
Oct. 18	Lime Ledge	Neshota, R. 22	No	Yes	Poor	Good	Not clean	Mostly good	Good
Oct. 19	Hustisford & Rubicon Co.	Hustisford	No	No	Poor	Good	Not clean	Mostly good	Good
Oct. 19	Ryder	Hustisford	No	No	Poor	Some poor	Not clean	Mostly good	Poor
Oct. 19	Poplar Grove	Watertown	No	No	Good	Good	Not clean	Mostly good	Good
Oct. 19	Union	Watertown, R. 8	No	No	None	Some poor	Not clean	Mostly good	Good
Oct. 19	Home	Hustisford	No	Yes	Good	Clean	Good	Mostly good	Good
Oct. 19	Zeithler	Woodland	No	No	Passable	Clean	Good	Mostly good	Poor floor
Oct. 20	Rock River	Hustisford	No	No	Passable	Clean	Good	Mostly good	Good
Oct. 20	Oak Lawn	Juneau	No	No	Good	Clean	Good	Mostly good	Good
Oct. 20	Oak Grove Union	Juneau	No	No	Good	Clean	Good	Mostly good	Good
Oct. 20	White Oak	Hustisford	No	No	Good	Clean	Good	Good	Good
Oct. 20	Silver Creek	Watertown	No	No	Good	Clean	Not clean	Good	Good

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
DODGE CO.									
1905.									
Oct. 20	Tilden	Watertown	No	Yes	Good	Good .....	.....	Good	Not clean
Oct. 24	Rock River	Hockhim	No	No	Good	Good	Clean	Good	Good
Oct. 24	Park	Hustisford	No	No	Poor	Good	Clean	Good	Good
Oct. 24	Rock Spring	Hockhim	No	No	Good	Good	Poor	Good	Good
Oct. 24	Rock	Hustisford	No	No	Good	Good	Not clean	Good	Good
Oct. 25	Highland	Iron Ridge	No	No	Poor	Good	Not clean	Good	Good
Oct. 25	White Oak	Hustisford	No	No	Poor	Good	Not clean	Good	Poor floor
Oct. 25	Browns Corners..	Horicon, R. 2	No	No	Good	Good	Clean	Good	Good
Oct. 25	Maple Grove	Hustisford	No	No	Good	Good	Clean	Good	Good
Oct. 25	Badger State	Iron Ridge	No	No	None	Clean	Not clean	Good	Good
Oct. 25	Five Corners	Hustisford	No	No	Good	Clean	Passable	Good	Good
Oct. 26	Kekoskee	Kekoskee	No	No	Good	Clean	Not clean	Good	Good
Oct. 26	Kohli	Brownsville	No	No	Passable	Clean	Not clean	Good	Good
Oct. 26	West Leroy	Leroy	No	Yes	None	Clean	Not clean	Good	Good
Oct. 26	Leroy	Leroy	No	No	Good	Clean	Not clean	Good	Poor floor
Oct. 26	Farmersville	Brownsville, R. 1..	No	No	Good	Good	Good	Good	Good
Oct. 27	Klink	Lomira	No	No	Passable	Good	Good	Good	Good
Oct. 28	Oconomowoc	Oconomowoc	No	No	Good	Good	Good	Good	Good
Nov. 1	Shields	Watertown, R. 1 ..	Yes	Yes	Good	Good	Good	Good	Good
Nov. 1	Indian Garden	Watertown, R. 1 ..	Yes	Yes	Good	Good	Good	Good	Good
Nov. 16	Steele	Oconomowoc, R. 25.	No	No	Good	Good	Good	Good	Good
Nov. 16	Alderley	Oconomowoc	No	Yes	Good	Good	Not clean	Good	Good
Nov. 16	Cross Key	Oconomowoc, R. 26	No	No	Good	Good	Not clean	Good	Good
Nov. 16	Union	Rubicon, R. 1	No	No	Good	Good	Not clean	Good	Poor
Nov. 15	Trechel	Watertown, R. 2 ..	No	No	Poor	Good	Not clean	Good	Good
Nov. 15	Rubicon	Woodland, R. 1	No	No	Poor	Good	Not clean	Good	Poor
Nov. 15	Highland	Woodland	No	No	Good	Not clean	Not clean	Good	Not clean
Nov. 15	Moldenhauer	Lebanon	No	No	Good	Good	Clean .....	.....	Good
Nov. 14	Habelgher Leader.	Leeseville, R. 1	No	No	Good	Not clean	Not clean .....	.....	Poor
Nov. 14	Portland	Leeseville, R. 1	No	No	Good	Clean	Not clean	Good	Poor
Nov. 10	Thomas	Beaver Dam	No	No	None	Not clean	Not clean	Good	Poor
Nov. 10	Calamus	Columbus .....	.....	.....	.....	.....	.....	.....	.....
Nov. 10	Shaw Creek	Beaver Dam	No	No	Poor	Clean	Not clean	Some dirty	Poor
Nov. 10	Hickory Grove	Beaver Dam, R. 5.	No	No	Passable	Clean	Not clean	Good	Good

Nov. 9	Leader	Columbus, R. 2	No	No	Good	Clean	Clean	Good	Good
Nov. 9	North Shore	Waupun	No	No	Poor	Not clean	Not clean	Good	Not clean
Nov. 9	Lastrow	Beaver Dam	No	No	Poor	Good	Not clean	Good	Good
Nov. 9	Westford	Beaver Dam	No	Yes	None	Good	Not clean	Good	Poor
Nov. 8	Trenton Center	Fox Lake, R. 2	No	No	Poor	Clean	Not clean	Good	Good
Nov. 7	Horicon Dairy Co.	Horicon	No	No	Good	Clean	Passable	Good	Good
Nov. 7	Dairy Union	Horicon	No	No	Good	Clean	Good	Good	Good
Nov. 1	Sunnyside	Burnett	No	No	None	Clean	Not clean	Good	Good
Nov. 1	Mill Creek	Burnett	No	No	Good	Clean	Not clean	Good	Good
Nov. 7	Schleive	Waupun	No	No	Good	Clean	Clean	Good	Good
Nov. 7	Prairie Hill	Beaver Dam, R. 2	No	No	None	Clean	Not clean	Good	Good
Nov. 3	Town Line	Lowell	No	No	Poor	Clean	Poor	Good	Bad
Nov. 3	Clyman Center	Juneau, R. 2	No	No	None	Clean	Not clean	Good	Good
Nov. 1	Clyman	Clyman	No	No	Poor	Clean	Clean	Good	Good
Nov. 1	Careys	Watertown, R. 1	No	No	Poor	Clean	Not clean	Good	Good
Nov. 2	No. Clyman	Juneau, R. 1	No	No	Poor	Clean	Not clean	Good	Good
Nov. 2	Inderhule	Juneau	No	No	Poor	Clean	Not clean	Good	Poor
Nov. 2	Jung	Juneau, R. 3	No	No	Passable	Clean	Not clean	Good	Poor
Nov. 15	Inewich	Watertown	No	No	Passable	Clean	Not clean	Not all good	Poor floor
Nov. 16	So. Ahton	Oconomoc	No	No					
Oct. 18	Picker Street	Woodland, R. 1	No	Yes	Passable	Clean	Not clean	Good	Poor
Oct. 26	Brownsville	Brownsville	No	Yes	Good	Clean	Good	Good	Good
Oct. 27	Lomira	Lomira	No	No	Good	Clean	Good	Good	Good
Oct. 27	Shell Rock	Lomira	No	No	Good	Clean	Good	Good	Good
Oct. 18	Hustisford	Hustisford	No	No	Good	Clean	Good	Good	Good
Oct. 19	Wege	Hustisford	No	No	None	Not clean	Not clean	Good	Bad
Oct. 20	Gates	Juneau, R. 1	No	No	None	Clean	Passable	Good	Poor
Oct. 20	Golden Rule	Hustisford, R. D.	No	No	Good	Clean	Good	Good	Good
Oct. 20	Radloff	Hustisford, R. D.	No	No	Good	Clean	Not clean	Good	Passable
Oct. 20	Nehls	Hustisford,	No	No	Good	Clean	Not clean		Passable
Nov. 8	Fox Lake	Fox Lake	No	No	Good	Clean	Clean	Good	Good
Nov. 8	Spring Brook	Fox Lake	No	No	Poor	Clean	Not clean	Good	Passable
Nov. 8	Maple Grove	Fox Lake	No	No	None	Clean	Not clean	Some rusty	Good
Aug. 11	Frey	Hartford	No	No	Good	Clean	Clean	Good	Good
Nov. 9	Randolph	Randolph, R. 1	No	No	Good	Clean	Not clean		
Nov. 9	Beaver Dam Is- land	Beaver Dam, R. 3	No	No	None	Clean	Not clean	Good	Poor
Nov. 9	Beaver Hill	Fox Lake	No	No	Good	Clean	Not clean	Good	Good
Nov. 7	Champion	Burnett	No	No	Poor	Clean	Not all clean	Good	Good
Oct. 27	Northwestern	Mayville	No	No	Good	Clean	Not all clean	Good	Good
Oct. 25	Theresa	Theresa	No	No	Good	Clean	Clean	Good	Good
Oct. 25	Oplinger	Theresa	No	No	Good	Clean	Clean	Good	Good
Aug. 11	Labuii	Woodland	No	No	Poor	Clean	Clean	Good	Poor
Oct. 19	Neesho	Neesho	No	No	Good	Clean	Clean	Good	Good
Nov. 2	Black Oak	Juneau, R. 2	No	No	Poor	Clean	Clean	Good	Poor

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
DODGE CO.									
1905.									
Oct. 26	Fairview	Brownsville, R. 1.	No	No	Poor	Clean	Clean	Good	
Nov. 10	Elba	Columbus	No	No					Poor
Nov. 9	Special Line	Beaver Dam	No	No	Good	Clean	Not clean	Good	Passable
Nov. 9	Lake Shore	Beaver Dam	No	No	Good	Clean	Not clean	Good	Poor
Nov. 13	Schwefel	Watertown	No	No	Poor	Clean	Not clean	Good	Good
Oct. 27	Rockriverside	Mayville	No	Yes	Good	Clean	Clean	Good	Good
Oct. 27	Riverside	Mayville	Yes	No	Good	Clean	Clean	Good	Good
Oct. 20	Melcher	Juneau	No	No	Good	Clean	Clean	Good	Good
Oct. 20	Essman	Juneau	No	No	Good	Clean	Clean	Good	Good
Nov. 2	Oak Grove	Neosho	No	Yes	Good	Clean	Clean	Good	Good
Nov. 7	Westphall	Juneau, R. 3.	No	No	Good	Clean	Clean	Good	Poor
Oct. 20	Bilgren	Iron Ridge	No	No	None	Clean	Not clean	Good	Passable
Oct. 19	Maple Wood	Iron Ridge	No	No	Poor	Clean	Clean	Good	Good
Oct. 25	Glen Argyle	Iron Ridge	No	No	Poor	Clean	Clean	Good	Poor
Oct. 20	Iron Ridge	Iron Ridge	No	No	Poor	Clean	Clean	Good	Good
DOOR CO.									
Sept. 9	Gerrondale	Brussels, R. 2.	Yes	No	None	Clean	Not clean	Some rusty.	Poor
Sept. 9	Jenquink	Brussels, R. 1.	No	No	None	Clean	Not clean	Good	Good
Sept. 9	Leiscon	Forrestville	Yes	No	None	Clean	Not clean	Good	Good
Sept. 19	Carnot	Carnot	Yes	No	Good	Clean	Not clean	Good	Good
Sept. 19	Nelsonville	Sawyer, R. 2.	Yes	No	None	Clean	Not clean	Good	Good
Sept. 21	Washburn	Sturgeon Bay	Yes	Yes	None	Clean	Clean	Good	Good
Sept. 21	Washburn No. 2.	Sturgeon Bay	Yes	Yes	None	Clean	Clean	Good	Good
Sept. 22	Vagnel	Jacksonport	Yes	Yes	None	Clean	Clean	Good	Good
Sept. 22	Mashek	Sturgeon Bay, R. 3	Yes	Yes	None	Not clean	Not clean	Not good	Good
Sept. 22	Volks	Sturgeon Bay, R. 3	Yes	No	None	Good	Not clean	Good	Good
Sept. 22	Graf	Sturgeon Bay, R. 3	Yes	No	None	Good	Not clean	Good	Good
Sept. 21	Karnitz	Brussels, R. 2.	Yes	No	None	Not clean	Not clean	Good	Poor
Sept. 21	Tinor	Sawyer, R. 1.	Yes	No	None	Not clean	Not clean	Some rusty.	Poor
Sept. 20	Schwichtenberg	Sawyer, R. 1.	Yes	No	None	Clean	Not clean	Some rusty.	Clean
Sept. 20	Leitzkey	Sawyer, R. 1.	Yes	No	Good	Clean	Not clean	Good	Clean
Sept. 20	Bernhardt	Sawyer, R. 3.	Yes	No	None	Not clean	Not clean	Clean	Good

Sept. 19	Dufek	Algoma, R. 4	Yes	No	None	Not clean	Not clean	Clean	Good
Sept. 19	Rosewood	Algoma, R. 4	Yes	No	None	Clean	Clean	Clean	Clean
Sept. 19	Vignes	Sawyer, R. 2	Yes	No	Good	Not clean	Not clean	Clean	Good
Sept. 20	Cheeseville	Sawyer, R. 2	Yes	No	None	Clean	Passable	Clean	Clean
Sept. 20	Maplewood	Sawyer, R. 3	Yes	No	None	Not clean	Not clean	Some rusty	Not clean
Sept. 20	Stokes Corners	Sawyer, R. 3	Yes	No	None	Good	Passable	Some rusty	Poor

DUNN CO.

Sept. 22	Ennis Creek	Boyceville, R. 1	No	No	Poor	Poor	Not clean	Passable	Poor
Sept. 22	Sherman	Menomnie, R. 4	Yes	No	Poor	Not clean	Passable	Good	Good
Sept. 22	Big Beaver	Wheeler, R. 1	Yes	Yes	Poor	Good	Clean	Clean	Good
Sept. 23	Sheridan	Wheeler, R. 1	Yes	No	Poor	Not clean	Passable	Fair	Poor
Sept. 23	Tramway	Boyceville, R. 1	Yes	No	Poor	Good	Clean	Good	

EAU CLAIRE CO.

July 24	Clear Creek	Osseo, R. 2	Yes	Yes	Poor	Good	Passable	Good	Good
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FOND DU LAC CO.

Oct. 10	Nett	New Holstein, R. 3	Yes	No	None	Not clean	Not clean	Some bad	Good
Oct. 10	Neiss	St. Cloud, R. 43	Yes	No	Poor	Clean	Not clean	Good	Poor
Oct. 11	Weinreis	Pebbles, R. 37	Yes	Yes	Good	Not clean	Not clean	Some bad	Not clean
Oct. 11	Calvary	Calvary	No	No	Bad	Not clean	Passable	Good	Not clean
Oct. 11	St. Cloud	St. Cloud	Yes	No	Poor	Not clean	Not clean	Good	Not clean
Oct. 12	Gulig	Calvary	No	No	None	Not clean	Not clean	Some bad	Not clean
Oct. 12	St. Joe	St. Cloud, R. 43	Yes	No	Poor	Not clean	Not clean	Good	Clean
Oct. 13	Badger	St. Cloud, R. 43	Yes	No	None	Not clean	Not clean	Poor	Passable
Oct. 13	St. Cloud	St. Cloud, R. 42	Yes	No	Bad	Not clean	Not clean	Some rusty	Not clean
Oct. 13	Blackmore	St. Cloud, R. 42	No	No	Bad	Not clean	Not clean	Some bad	Not clean
Oct. 13	Dotyville	Fond du Lac, R. 8	Yes	Yes	None	Not clean	Not clean	Poor	Passable
Oct. 13	Forest	Fond du Lac, R. 8	Yes	Yes	None	Clean	Clean	Good	Poor
Oct. 13	Forest Spring	Calvary, R. 41	Yes	No	Good	Not clean	Not clean	Good	Fine
Oct. 13	Enders	Calvary, R. 41	No	No	Bad	Not clean	Not clean	Not all good	Not clean
Oct. 14	Perren	Calvary, R. 41	Yes	No	Good	Good	Passable	Not all good	Passable
Oct. 14	Empire	Fond du Lac, R. 7	Yes	No	None	Not clean	Not clean	Good	Not clean
Oct. 14	Eggersville	Fond du Lac, R. 8	Yes	Yes	Poor	Good	Good	Good	Good
Oct. 16	Stephany	Malone, R. 33	Yes	No	None	Good	Passable	Good	Good
Oct. 16	Schmidt	Fond du Lac, R. 1	Yes	No	None	Not clean	Not clean	Poor	Poor
Oct. 16	Isaacs	Fond du Lac, R. 7	Yes	No	Good	Not clean	Not clean	Good	Not clean
Oct. 17	Eden	Eden	Yes	No	Poor	Not clean	Not clean	Some bad	Not clean
Oct. 17	Pieper	Eden, R. 35	Yes	No	Passable	Good	Passable	Good	Good
Oct. 17	Sackett	Campbellsport, R. 33	Yes	Yes	Poor	Not clean	Not clean	Some bad	Not clean
Oct. 17	Waucousta	Campbellsport, R. 33	Yes	No	Good	Good	Passable	Good	Good

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
1905.									
		FOND DU LAC CO							
Oct. 17	Morgan	Eden, R. 35	Yes	Yes	Poor	Passable	Not clean ..	Not all good	Poor
Oct. 17	Wolfram	Fond du Lac, R. 7	Yes	Yes	None	Good	Not clean ..	Not all clean	Good
Oct. 17	So. Empire	Fond du Lac, R. 7	Yes	No	Poor	Not clean ..	Passable	Some bad...	Passable
Oct. 18	Campbellsport	Campbellsport	Yes	No	Poor	Not clean ..	Good	Not all clean	Passable
Oct. 18	Jersey	Campbellsport, R. 32	Yes	At times ...	None	Not clean ..	Not clean ..	Not all clean	Not clean ..
Oct. 18	Dundee	Waucousta, R. 34..	Yes	Yes	Bad	Passable	Not clean ..	Not all clean	Passable
Oct. 18	Kewaskum	Kewaskum, R. 1 ..	Yes	No	None	Not clean ..	Not clean ..	Good	Good
Oct. 18	Demorest	Campbellsport, R. 32	No	No	None	Not clean ..	Not clean ..	Not clean ..	Not clean ..
Oct. 18	Campbellsport	Campbellsport	At times ...	No	Passable ..	Not clean ..	Not clean ..	Good	Not clean ..
Oct. 19	Fleischman	Campbellsport, R. 33	Yes	Yes	Poor	Good	Not clean ..	Good	Good
Oct. 19	St. Killian	Campbellsport, R. 31	Yes	No	None	Good	Not clean ..	Good	Good
Oct. 19	Hirsig	Lomira, R. 1	No	No	Passable ..	Not clean ..	Not clean ..	Good	Not clean ..
Oct. 20	Woodside	Eden, R. 35	No	Yes	Passable ..	Not clean ..	Not clean ..	Poor	Good
Oct. 20	Sackett	Campbellsport	Yes	No	Poor	Not clean ..	Not clean ..	Good	Bad
Oct. 20	Hillside	Campbellsport, R. 30	Yes	No	None	Not clean ..	Not clean ..	Good	Good
Oct. 20	Loyd	Fond du Lac, R. 6	No	No	None	Good	Not clean ..	Good	Bad
Oct. 21	Mammoth Spring.	Fond du Lac, R. 6	Yes	No	None	Not clean ..	Not clean ..	Some rusty.	Not clean ..
Oct. 21	Christen	Oakfield, R. 28 ..	Yes	Yes	Passable ..	Good	Passable	Some poor.	Passable
Oct. 25	Schmidt	Fond du Lac, R. 1	Yes	No	Poor	Not clean ..	Bad	Good	Bad
Oct. 26	Teschendorf	Fond du Lac, R. 1	Yes	No	Passable ..	Not clean ..	Not clean ..	Some uncl'n	Good
Oct. 26	Highland	Van Dyne, R. 9 ..	Yes	No	Passable ..	Not clean ..	Passable	Good	Not clean ..
Oct. 26	Reliance	Fond du Lac R. 3.	Yes	No	Passable ..	Not clean ..	Not clean ..	Good	Not clean ..
Oct. 31	Eldorado Co-op.	Eldorado	Yes	No	Good	Not clean ..	Passable	Good	Good
Oct. 31	Oak Lawn	Eldorado, R. 10 ..	Yes	Yes	Good	Not clean ..	Not clean ..	Some rusty.	Good
Oct. 31	Jossi	Rosendale	No	No	None	Not clean ..	Not clean ..	Good	Not clean ..
Nov. 1	Triangle	Rosendale	Yes	No	Poor	Not clean ..	Not clean ..	Some bad...	Passable
Nov. 1	Springvale	Brandon, R. 4	Yes	No	Poor	Not clean ..	Passable	Some bad...	Poor
Nov. 1	Elmwood	Fond du Lac, R. 2	Yes	No	Good	Not clean ..	Passable	Fair	Passable
Nov. 2	Alto	Fairwater, R. 13..	Yes	No	Poor	Good	Good	Good	Passable
Nov. 4	Zoellner	Fond du Lac	Yes	Yes	Good	Good	Good	Good	Good
Oct. 19	Strubing	Campbellsport, R. 30	No	No	Poor	Not clean ..	Not clean ..	Good	Good

GRANT CO.

Oct. 5	Leggitt Branch	Stitzer	Yes	No	Good	Not clean	Not clean	Clean	Good
Oct. 13	Wingville	Montfort	Yes	Yes	None	Not clean	Not clean	Good	Good
Dec. 1	Wingville	Montfort	Yes	Yes	None	Clean	Clean	Good	Good
Oct. 13	Gas Hollow	Montfort	Yes	No	None	Not clean	Not clean	Good	Good
Oct. 15	Preston	Preston	Yes	No	None	Not clean	Not clean	Good	Good
Oct. 19	Union	Montfort	Yes	No	None	Clean	Not clean	Good	Poor
Oct. 20	Fennimore Branch	Fennimore R.	No	No	Passable	Passable	Not clean	Good	Poor
Oct. 20	Castle Rock	Montfort, R. 1	Yes	Yes	Passable	Not clean	Not clean	Good	Poor
Dec. 1	Castle Rock	Montfort, R. 1	Shut up	Shut up					
Oct. 20	Rocky Point	Highland	Yes	No	None	Not clean	Not clean	Good	Passable
Dec. 1	Rocky Point	Highland	Yes	No	None	Clean	Clean	Good	Good
Oct. 20	Walnut Grove	Muscoda	Yes	No	None	Not clean	Not clean	Good	Passable
Dec. 2	Walnut Grove	Muscoda	Yes	No	Passable	Clean	Clean	Good	Good
Oct. 21	Badger State	Boscobel	Yes	Yes	None	Not clean	Not clean	Good	Good
Nov. 3	Dennis	Livingston	No	No	Good	Clean	Clean	Good	Good
Nov. 6	Homer	Boscobel	Yes	No	Good	Not clean	Not clean	Good	Good
Nov. 6	Saunders Creek	Boscobel	Yes	No	Passable	Passable	Clean	Good	Good
Nov. 7	Muscoda	Muscoda	Yes	No	None	Not clean	Not clean	Good	Good
Nov. 7	Oak Grove	Muscoda	Yes	No	None	Not clean	Not clean	Good	Good
Nov. 7	Badger City	Boscobel	Yes	Yes	None	Not clean	Poor	Good	Good
Nov. 7	Pleasant Grove	Boscobel	Yes	No	None	Not clean	Not clean	Good	Passable
Nov. 27	Blue River	Blue River	Yes	No	None	Not clean	Not clean	Good	Poor floor
Nov. 7	Tyler	Muscoda							
Nov. 8	Ideal	Boscobel, R. 1	Yes	No	Good	Not clean	Not clean	Good	Good
Nov. 9	Wolf Hollow	Livingston	No	No	Poor	Clean	Not clean	Good	Passable
Nov. 9	Martin	Lancaster	No	No	Passable	Clean	Clean	Good	Good
Nov. 9	Fisher	Stitzer	No	No	Passable	Clean	Clean	Good	Good
Nov. 14	Platte Ridge	Platteville	Yes	No	Poor	Not clean	Not clean	Good	Good
Nov. 15	Tenneegon	Potosi	Yes	No	None	Not clean	Not clean	Good	Good
Nov. 17	Lancaster	Lancaster	Not running	Not running					
Nov. 17	Platteville	Platteville	Not running	Not running					
July 25	Muscoda	Muscoda	Yes	No	Good	Clean	Clean	Good	Clean
Sept. 1	Martin	Lancaster	No	No	Good	Clean	Passable	Good	Good
Sept. 21	Dennis	Livingston, R. 3	No	No	None	Clean	Not clean	Good	Good
Aug. 2	Wolf Hollow	Livingston	No	No	Poor	Clean	Passable	Some dirty	Good

GREEN CO.

July 1	Davis	Monroe	No	No	Good	Clean	Poor	Not all good	Good
July 7	Johnson	Woodford, R. 3	No	No	Poor	Not clean	Poor	Not all good	Poor
July 8	Five Corners	Monroe	No	No	Passable	Not clean	Poor	Good	Poor
July 12	South	Monroe	No	No	Poor	Clean	Good	Good	Good
July 14	Blumer	Monroe	No	No	Good	Clean	Passable	Good	Poor

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
GREEN CO.									
1905.									
July 15	Pfund	Monroe	No	No	Poor	Clean	Good	Good	Poor
July 17	Heathorn	Monroe	No	No	Poor	Clean	Poor	Good	Poor
July 29	Dawson	Brodhead	No	No	Bad	Clean	Good	Good	Good
July 29	Pengra	Monroe	No	No	Poor	Clean	Poor	Good	Passable
July 29	Keen	Brodhead	No	No	Poor	Clean	Bad	Good	Clean
July 29	Mangra	Brodhead	No	No	Passable	Clean	Passable	Old & rusty.	Good
July 31	Neuman	Juda	No	No	Poor	Clean	Passable	Good	Clean
July 31	G. Neuman	Juda	No	No	Bad	Clean	Poor	Good	Poor
July 31	Hutzel	Juda	No	No	Bad	Clean	Poor	Some rusty.	Poor
Aug. 5	Becker & Schuler.	Monticello	No	No	Poor	Clean	Passable	Good	Good
Aug. 5	J. Dick	Monticello	No	No	Bad	Clean	Passable	Good	Poor
Aug. 5	H. Thieler	Monticello	No	No	Good	Clean	Good	Good	Good
Aug. 5	Monticello	Monticello	Yes	No	Good	Clean	Poor	Good	Good
Aug. 9	Karass	Monroe, R. 4.	No	No	Good	Clean	Passable	Good	Good
Aug. 7	Faeser	Monroe, R. 4.	No	No	Good	Clean	Passable	Good	Good
Aug. 9	Zabel	Monroe, R. 3.	No	No	Good	Clean	Not clean	Good	Poor
Aug. 10	Keylock	Brooklyn, R. 1.	No	No	Good	Clean	Bad	Not all good	Poor
Aug. 11	Attica	Attica	No	No	Good	Clean	Passable	Good	Good
Aug. 11	Exeter	Monticello, R. 1.	No	No	Bad	Clean	Poor	Good	Poor
Aug. 12	Dish	Monticello	No	No	Poor	Clean	Passable	Clean	Poor
Aug. 16	Wittenweyler	Monticello	No	No	Good	Clean	Poor	Clean	Good
Aug. 16	Stauffer	Monticello	No	No	Passable	Clean	Poor	Clean	Good
Aug. 18	Clark Cheese Co.	Monticello	No	No	Good	Clean	Poor	Clean	Passable
Aug. 19	Woolen Mill	Monticello	No	No	Good	Clean	Passable	Clean	Passable
Sept. 8	J. C. Marty	Monticello	No	No	Good	Clean	Good	Clean	Good
Sept. 8	White Oak	Monticello, R. 4.	No	No	Good	Clean	Not clean	Clean	Passable
Sept. 8	Sam Klaesy	Monticello, R. 4.	No	No	Bad	Clean	Bad	Clean	Poor
Sept. 8	Peter Klaesy	New Glarus	No	No	Poor	Not clean	Bad	Clean	Poor
Sept. 8	D. Hefty	New Glarus	No	No	Good	Clean	Bad	Clean	Poor
Sept. 8	Three Corners	New Glarus, R. 1.	No	No	Passable	Clean	Poor	Clean	Good
Sept. 8	Stuecy	Monticello, R. 5.	No	No	Poor	Clean	Passable	Clean	Poor
Sept. 8	H. Freitag	Monticello	No	No	Passable	Not all clean	Passable	Clean	Poor
Sept. 9	Kubly	Monticello	No	No	Poor	Not clean	Good	Clean	Good
Sept. 9	Silver	Albany, R. 1.	No	No	Passable	Clean	Passable	Clean	Poor

Sept. 9 Zimmerman	Monticello, R. 5	No	No	Bad	Clean	Bad	Clean	Poor
Sept. 9 H. Freitag	Monticello, R. 5	No	No	Bad	Clean	Bad	Clean	Bad
Sept. 11 Whitehead	Monroe, R. 1	No	No	Passable	Clean	Good	Clean	Good
Sept. 11 J. Kubly	Monroe, R. 9	No	No	Poor	Clean	Poor	Clean	Good
Sept. 11 White	Monroe, R. 9	No	No	Bad	Clean	Poor	Clean	Poor
Sept. 12 Miller	Juda, R. 1	No	No	Good	Clean	Good	Clean	Good
Sept. 12 G. Neuman	Juda	No	No	Poor		Poor		Poor
Sept. 12 S. Hutzel	Juda	No	No	Poor	Poor	Poor		Poor
Sept. 12 Jenny	Monroe, R. 9	No	No	Good	Clean	Passable	Clean	Good
Sept. 12 Kleckner	Monroe	No	No	Good	Clean	Good	Clean	Good
Sept. 18 Steinman	Monroe	No	No	Poor	Clean	Not clean	Not good	
Sept. 18 Hamon	Monroe, R. 2	No	No	Bad	Clean	Poor	Good	Poor
Sept. 18 Balls Mill	Monroe, R. 2	No	No	Good	Clean	Good	Good	Good
Sept. 18 Sylvester	Monroe, R. 2	No	No	Poor	Clean	Good	Good	Poor
Sept. 18 Preston	Juda, R. 2	No	No	Bad	Clean	Poor	Good	Poor
Sept. 18 Meyer	Juda, R. 1	No	No	Poor	Clean	Passable	Good	Poor
Sept. 19 Oakley	Juda, R. 3	No	No	Good	Clean	Good	Good	Poor
Sept. 25 Babler	Monticello, R. 2	No	No	Good	Clean	Passable	Good	Good
Sept. 25 Rhyner	Albany, R. 1	No	No	Poor	Clean	Bad		Poor
Sept. 28 Comstock	Albany, R. 1	No	No	Bad	Clean	Poor	Good	Passable
Sept. 28 Hamerli	Monticello	No	No	Good	Clean	Good	Good	Good
Sept. 29 Decanter	Brodhead	Yes	Yes	Good	Clean	Passable	Good	Good
Oct. 2 Prien	Monroe	No	No	Good	Clean	Not clean	Good	Poor
Oct. 2 Burhalter	Monroe	No	No	Good	Clean	Good	Good	Good
Oct. 2 Balls Mills	Monroe, R. 2	No	No	Good	Clean	Good	Good	Good
Oct. 3 Draughton	Albany, R. 1	No	No	Bad	Clean	Bad	Good	Poor
Oct. 2 Edmond	Albany R. 2	No	No	Poor	Clean	Passable	Good	Good
Oct. 3 Gardner	Brodhead, R. 6	No	No	Bad	Clean	Passable	Good	Good
Oct. 3 Davis	Albany	No	No	Bad	Clean	Good	Good	Poor
Oct. 9 Benkert Bros.	Monroe, R. 7	No	No	Poor	Clean	Not clean	Good	Poor
Oct. 9 Houser & Kreuger	Monroe, R. 7	No	No	Good	Clean	Bad	Good	Poor
Oct. 9 Stauffacher	Monroe, R. 4	No	No	Poor	Clean	Clean	Good	Poor
Oct. 9 Hefty & Stumbrunnen	Monticello, R. 3	No	No	Good	Clean	Passable	Good	Good
Oct. 9 Moritz & Purcell	Monticello, R. 3	No	No	Good	Clean	Poor	Good	Good
Oct. 9 R. Theiler	Monticello, R. 4	No	No	Good	Clean	Poor	Good	Poor
Oct. 10 Klaesy	Monticello, R. 2	No	No	Good	Clean	Not clean	Good	Good
Oct. 10 Lemons	Monroe, R. 4	No	No	Poor	Not all clean	Not clean	Good	Good
Oct. 10 Crinnell	Monroe, R. 4	No	No	Poor	Clean	Passable	Good	Poor
Oct. 10 P. Stauffacher	Monroe, R. 6	No	No	Good	Clean	Passable	Good	Poor
Oct. 11 Smith	Browntown, R. 1	No	No	Bad	Clean	Not clean	Not all clean	Good
Oct. 11 Klaesy	Monroe	No	No	Bad	Not clean	Passable	Good	Good
Oct. 11 Divan	Browntown, R. 1	No	No	Good	Clean	Good	Good	Good
Oct. 20 Hanson	Woodford, R. 2	No	No	Bad	Clean	Not clean	Good	Good
Oct. 20 Schuetz Bros.	Monroe	No	No	Good	Clean	Not clean	Good	Good

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
GREEN CO.									
1905.									
Oct. 20	Jordan Center	Monroe, R. 3.	No	No	Passable	Clean	Not clean	Clean	Poor
Oct. 20	Spring Valley	Argyle, R. 4.	No	No	Good	Clean	Passable	Clean	Good
Oct. 20	Baltz Schindler	Monroe	No	No	Poor	Not all clean	Bad	Clean	Poor
Oct. 20	Greenwald	Monroe, R. 3.	No	No	Bad	Clean	Not clean	Clean	Bad
Oct. 20	Klondike	Monroe, R. 3.	No	No	Passable	Clean	Not clean	Clean	Good
Nov. 16	Poplar Grove	New Glarus, R. 1.	No	No	Good	Clean	Passable	Clean	Poor
Nov. 16	Husted	New Glarus, R. 1.	No	No	Poor	Not clean	Not clean	Clean	Poor
Nov. 16	J. H. Durst	New Glarus	No	No	Poor	Clean	Poor	Clean	Poor
Nov. 16	Ott	New Glarus, R. 1.	No	No	Passable	Clean		Clean	Poor
Nov. 16	Altman	New Glarus	No	No	Passable	Clean	Not clean	Clean	Poor
Nov. 16	Spring Valley	New Glarus	No	No	Passable	Clean	Good	Clean	Good
Nov. 13	New Glarus	New Glarus	No	No	Good				
Nov. 17	Legler	New Glarus	No	No	None	Not clean			
Nov. 14	Aug. Kraus	Albany, R. 3.	No	No	Poor	Clean	Not clean	Clean	Good
Nov. 14	Tonhi Flood	Brooklyn	No	No	Good	Clean	Clean	Clean	Good
Nov. 14	West Brooklyn	Brooklyn	No	No	Good	Clean	Not clean	Clean	Poor
Nov. 14	Sam Freitag	Brooklyn, R. 1.	No	No	Good	Clean	Not clean	Clean	Good
Nov. 20	Herman Fritze	Clarno, R. 1.	No	No	Good	Clean	Passable	Clean	Passable
Nov. 20	Twin Grove	Clarno, R. 1.	No	No	Bad	Clean	Not clean	Clean	Poor
Nov. 20	Racine Hill	Clarno, R. 1.	No	No	Good	Clean	Not clean	Clean	Good
Nov. 20	Chr. Marty	Juda, R. 2.	No	No	Poor	Clean	Not clean	Not good	Good
Nov. 20	Berry	Clarno, R. 1.	No	No	Good	Clean	Not clean	Bad	Good
Nov. 16	Becker & Elmer	Blanchardville, R.1	No	No		Clean		Good	Bad
Nov. 16	Farmers Grove	Blanchardville, R.1	No	No	Passable	Clean	Not clean	Good	Poor
Nov. 23	York Center	Blanchardville, R.3	No	No	Good	Clean		Good	Good
Nov. 23	Hay Hollow	Blanchardville, R.3	No	No	Good	Clean	Poor	Good	Poor
Nov. 23	Brager	Blanchardville, R.3	No	No	Good	Clean	Passable	Good	Poor
Nov. 23	Saw Mill	Blanchardville, R.1	No	No	Good	Clean	Not clean	Good	Poor
Nov. 23	Vinger	Blanchardville, R.1	No	No	Poor	Clean	Not clean	Good	Poor
Nov. 23	Yankee Hollow	Blanchardville	No	No	Poor	Clean	Bad	Good	Poor
Nov. 23	Stromen	Blanchardville, R.1	No	No	Passable	Clean	Not clean	Not good	Poor
Nov. 17	York Prairie	Blanchardville, R.3	No	No	Poor	Clean	Not clean	Good	Poor
Nov. 17	Strahm	Blanchardville, R.3	No	No	Good	Clean		Good	Good
Nov. 17	York Prairie Valley	Blanchardville, R.3	No	No	Poor	Clean	Not clean	Good	Poor

Nov. 17	Step Valley	Blanchardville, R.	No	No	Poor	Not clean	Not clean	Good	Poor
Nov. 15	Dayton	Dayton	No	No	Poor	Clean	Poor	Good	Good
Nov. 15	Zwicky	Belleville, R. 6	No	No	Passable	Clean	Not clean	Good	Poor
Nov. 15	Hoesley	New Glarus, R. 2	No	No	Good	Clean	Good	Good	Good
Nov. 15	P. Steiner	New Glarus	No	No	Passable	Clean	Bad	Good	
Nov. 15	H. Klazy	Belleville	No	No	Poor		Poor		
Nov. 15	F. Zuber	New Glarus, R. 2	No	No	Bad	Clean	Clean	Good	Poor
Nov. 14	Norwegian	Albany, R. 1	Closed temp.	Closed temp.					
Nov. 14	Asmus	Albany, R. 2	No	No	Passable	Not clean	Not clean	Good	Poor
Nov. 22	Poff	Argyle, R. 2	No	No	Poor	Clean	Not clean	Good	Poor
Nov. 22	Flannigan	Argyle, R. 1	No	No	Passable	Clean	Not clean	Good	Poor
Nov. 22	Puddle Duck	Argyle, R. 1	No	No	Poor	Clean	Not clean	Good	Good
Nov. 22	Rier	Argyle, R. 1	No	No	Good	Clean	Passable	Good	Good
Nov. 22	Patterson	Argyle, R. 1	No	No	Poor	Clean	Poor		Not clean
Nov. 22	Walnut Grove	Argyle, R. 1	No	No	Good	Clean	Not clean	Good	Poor
Nov. 22	White Oak Springs	Argyle, R. 1	No	No	Passable	Clean	Clean	Good	New
Nov. 10	Blenker	Argyle, R. 4	No	No	Good	Clean	Not clean	Good	Good
Nov. 8	F. Blumer	Monticello, R. 3	No	No	Good	Clean	Good	Good	Good
Nov. 8	F. Karlen	Monticello, R. 4	No	No	Bad	Not clean	Not clean	Good	Good
Nov. 8	G. Wittwer	Monticello	No	No	Poor	Clean	Not clean	Good	Passable
Nov. 18	Meissmueller	Monticello	No	No	Bad	Clean	Not clean	Good	Poor
Nov. 18	Blum Bros.	Monticello	Closed	Closed					
Nov. 7	Christ Isly	Monroe, R. 7	No	No	Poor	Clean	Poor	Good	Poor
Nov. 7	Schmerse	Monroe, R. 7	No	No	Poor	Not clean	Not clean	Good	Good
Nov. 7	Hare	Monroe, R. 7	No	No	Bad	Not clean	Not clean	Good	Poor
Nov. 8	Freitag	Monticello							
Nov. 8	Voegli	Monticello, R. 4	No	No	Bad	Clean		Good	Poor
Nov. 8	J. Marty	Monticello, R. 4	No	No	Good	Clean	Good	Good	Good
Nov. 8	J. Hefty	Monticello, R. 4	No	No	Good	Clean	Not clean	Good	Good
Nov. 10	Bayrthoffer	Monroe, R. 8	No	No	Poor	Clean	Not clean	Good	Poor
Nov. 10	Green Valley	Monroe, R. 8	No	No	Good	Clean	Passable	Good	Passable
Nov. 10	Altman	Monroe, R. 3	No	No	Passable	Clean	Not clean	Good	Poor
Nov. 10	Burr Oak	Monroe, R. 7	No	No	Bad	Not clean	Not clean	Good	Poor
Nov. 16	Guegler	New Glarus	No	No	Poor	Not clean	Not clean		
Nov. 13	Eichelkraus	New Glarus, R. 1	No	No	Good	Clean	Not clean	Good	Poor
Nov. 16	Zimmerman	New Glarus	No	No	Good	Clean	Not clean	Good	Poor
Nov. 16	Sam Christian	New Glarus	No	No	Good	Not clean		Good	Poor
Nov. 17	R. R. Valley	New Glarus	No	No	Poor	Clean	Poor	Good	Good
Nov. 10	Kundert	Monroe, R. 3	No	No	Good	Clean	Passable	Good	Good
Nov. 17	Elmer	New Glarus	No	No	Poor	Not clean		Good	Poor
Nov. 15	Kubby	New Glarus	No	No	Passable	Clean	Passable	Good	Poor
Nov. 18	Ward	New Glarus, R. 2	No	No	Bad	Clean	Not clean	Good	Good
Nov. 13	Jac Speich	Monroe, R. 2	No	No	Passable	Clean		Good	Good
Nov. 13	Hulbert	Monticello, R. 2	No	No	Passable	Clean	Clean	Good	Good

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
IOWA CO.									
1905.									
Sept. 6	Union Prairie	Dodgeville	Yes	No	Poor	Clean	Not clean	Good	Good
Sept. 6	Blotz	Monroe	No	No	Passable	Clean	Not clean	Good	Poor
Sept. 6	Burr Oak	Dodgeville, R. 1.	No	No	Bad	Clean	Not clean	Good	Passable
Sept. 7	Pleasant Ridge	Dodgeville, R. 1.	Yes	No	Bad	Clean	Not clean	Good	Passable
Sept. 7	Rockwell	Dodgeville	No	No	Poor	Clean	Not clean	Good	Not clean
Sept. 7	Hollyhead	Ridgeway, R. 1.	No	Yes	Passable	Clean	Not clean	Good	Good
Sept. 8	Phillips	Dodgeville	No	No	Poor	Not clean	Not clean	Not all clean	Poor
Sept. 8	Barrel Town	Mineral Point	No	No	Poor	Not clean	Not clean	Not all clean	Poor
Sept. 8	North Survey	Dodgeville	No	No	Passable	Clean	Not clean	Good	Good
Sept. 8	Maple Grove	Mineral Point	No	No	Poor	Clean	Not clean	Good	Poor
Sept. 8	Severson	Dodgeville	No	No	Passable	Clean	Not clean	Good	Good
Sept. 9	Rowland	Dodgeville	Yes	No	None	Not clean	Not clean	Good	Good
Sept. 9	Five Points	Dodgeville	Yes	No	Poor	Not clean	Not clean	Good	Not clean
Sept. 9	Union Valley	Dodgeville, R. 2.	Yes	No	None	Not clean	Not clean	Good	Poor
Sept. 9	Big Spring	Dodgeville, R. 2.	Yes	No	None	Clean	Not clean	Good	Passable
Sept. 9	Hunter	Dodgeville	Yes	Yes	Good	Not all clean	Not clean	Good	Passable
Sept. 9	Latto	Dodgeville, R. 2.	Yes	Yes	Poor	Clean	Clean	Good	Passable
Sept. 11	Heun	Dodgeville	Yes	No	Poor	Not clean	Not clean	Good	Passable
Sept. 11	Oak Lawn	Dodgeville	Yes	Yes	Poor	Not clean	Bad	Not all good	Poor
Sept. 11	Spring Valley	Clyde	No	No	Poor	Not all clean	Not clean	Good	Passable
Sept. 11	Hollanbeck	Avoca	Yes	No	None	Not all clean	Poor	Good	Poor
Sept. 11	Clyde	Clyde	Yes	No	Poor	Clean	Not clean	Good	Good
Sept. 12	Sun Rise	Spring Green, R. 3	Yes	No	Poor	Not clean	Not clean	Good	Poor
Sept. 12	Blue Grass	Dodgeville	Yes	No	Poor	Not clean	Not clean	Not all clean	Poor
Sept. 12	Wyoming	Wyoming	Yes	No	Bad	Clean	Not clean	Good	Good
Sept. 15	Ridgeway	Ridgeway	No	No	Poor	Clean	Passable	Good	Not clean
Sept. 16	Mill Creek	Ridgeway, R. 2.	No	No	Poor	Clean	Not clean	Clean	Poor
Sept. 16	Thos. Paull	Ridgeway	No	No	Bad	Clean	Not clean	Clean	Not clean
Sept. 16	Section Line	Dodgeville	No	No	Poor	Not clean	Not clean	Clean	Good
Sept. 18	Clover Dale	Edmund	Yes	No	None	Not clean	Not clean	Clean	Good
Sept. 18	Frank Walker	Mineral Point, R. 3	No	No	Poor	Clean	Not clean	Clean	Poor
Sept. 19	Cobb	Cobb	Yes	No	Poor	Not clean	Not clean	Clean	Passable
Sept. 19	Johnson	Livingston	No	No	None	Clean	Not clean	Clean	Poor
Sept. 19	New Providence	Livingston, R. 2.	Yes	No	Poor	Clean	Not clean	Clean	New

Sept. 22	Rewey	Rewey	No	No	None	Not clean	Not clean	Clean	Poor
Sept. 22	Nolan	Rewey, R. 1.	No	No	Poor	Clean	Not clean	Clean	Poor
Sept. 22	Mount Vernon	Livingston, R. 2.	No	No	Passable	Not clean	Not clean	Clean	Passable
Sept. 22	Rosendale	Rewey	No	No	None	Not all clean	Not clean	Clean	Good
Sept. 22	Arthur	Mineral Point, R.3	Yes	No	None	Clean	Not clean	Clean	Passable
Sept. 27	Star A.	Muscoda	Yes	No	None	Not clean	Not clean	Clean	Not clean
Sept. 27	Apex	Highland	Yes	No	None	Clean	Not clean	Clean	Bad
Sept. 27	Highland	Highland	Yes	No	Bad	Not clean	Not clean	Clean	Poor
Sept. 27	Pampans Pillar	Avoca	Yes	Yes	Bad	Clean	Not clean	Clean	Poor
Sept. 28	Prairie	Highland	Yes	No	None	Clean	Not clean	Clean	Bad
Sept. 28	Pulaski	Muscoda	Yes	No	None	Clean	Not clean	Clean	Good
Sept. 28	Trout Branch	Avoca	Yes	Yes	None	Clean	Not clean	Clean	Poor
Sept. 28	Biglow	Avoca	Yes	Yes	None	Clean	Not clean	Clean	Good
Sept. 28	Thurber	Avoca	Yes	No	None	Clean	Not clean	Clean	Poor
Sept. 28	Larson	Avoca, R. 2	Yes	No	None	Clean	Not clean	Poor not cl.	Good
Sept. 29	Starch	Avoca, R. 2	Yes	No	None	Clean	Not clean	Good	Good
Sept. 29	Kleininz	Avoca, R. 1	Yes	No	None	Clean	Not clean	Good	Good
Oct. 2	Barneveld	Avoca	Yes	Yes	None	Clean	Clean	Good	Good
Oct. 2	Scheide	Barneveld	No	No	Poor	Clean	Not clean	Good	Poor
Oct. 2	Brunner	Barneveld	No	No	Good	Clean	Not clean	Good	Poor
Oct. 2	Meadow Vale	Blue Mounds	No	No	Bad	Clean	Not clean	Good	Poor
Oct. 2	Bryan	Blue Mounds	No	No	Passable	Clean	Not clean	Good	Poor
Oct. 3	Blue Ridge	Barneveld	No	No	Good	Clean	Not clean	Poor	Passable
Oct. 3	Pine Knob	Barneveld	No	No	Good	Clean	Not clean	Clean	Poor
Oct. 3	Coon Rock	Arena	No	No	Bad	Clean	Not clean	Clean	Good
Oct. 4	Mill Creek	Arena	No	No	Poor	Clean	Not clean	Clean	Good
Oct. 4	Hyde	Arena	No	No	Poor	Clean	Not clean	Some poor.	Good
Oct. 4	Drought	Ridgeway	No	No	Good	Clean	Not clean	Good	Poor
Oct. 4	High Crossing	Barneveld	No	No	Poor	Clean	Not clean	Good	Poor
Oct. 4	Thomas	Barneveld	No	No	Poor	Clean	Not clean	Poor & rusty	Good
Oct. 7	Hillside	Barneveld	No	No	Passable	Clean	Clean	Not all good	Poor
Oct. 7	Knobs	Hillside	Yes	No	None	Clean	Not clean	Good	Passable
Oct. 9	So. Barneveld	Spring Green	Yes	No	None	Not all clean	Passable	Good	Good
Oct. 9	Jones Vall-y	Barneveld	No	No	Good	Clean	Not clean	Good	Good
Oct. 9	Theobald	Barneveld	No	No	Poor	Clean	Not clean	Good	Good
Oct. 9	Prairie Grove	Barneveld	No	No	Good	Clean	Not clean	Good	Poor
Oct. 10	Barber	Barneveld	No	No	Good	Clean	Not clean	Good	Good
Oct. 10	Middlebury	Barneveld	No	No	Passable	Clean	Not clean	Good	Passable
Oct. 10	Morris	Barneveld	No	No	Passable	Clean	Not clean	Good	Poor
Oct. 10	Black Oak	Barneveld	No	No	Passable	Clean	Not clean	Good	Passable
Oct. 10	Blue Grass	Ridgeway	No	No	Poor	Not all clean	Not clean	Good	Poor
Oct. 10	Spring Valley	Ridgeway	No	No	Passable	Clean	Not clean	Good	Passable
Oct. 11	Hollendale	Hollendale	No	No	Good	Clean	Clean	Good	Good
Oct. 11	Long Valley	Hollendale	No	Yes	Good	Clean	Clean	Good	Good
		Hollendale	No	No	Passable	Clean	Clean	Good	Poor

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
IOWA CO.									
1905.									
Oct. 11	Adamsville	Barneveld	No	No	Good	Clean	Clean	Poor	Passable
Oct. 11	Sandy Rock	Hollendale	No	No	Passable	Clean	Clean	Good	Passable
Oct. 11	Star	Hollendale	No	No	Passable	Clean	Not clean	Good	Good
Oct. 11	Pecatonica	Hollendale	No	No	Good	Not all clean	Not clean	Good	Good
Oct. 11	Clay Hill	Perry	No	No	Passable	Clean	Not clean	Good	Poor
Oct. 11	River Fork	Hollendale	No	No	Poor	Clean	Not clean	Good	Poor
Oct. 12	North Hill	Hollendale	No	No	Poor	Clean	Clean	Good	Good
Oct. 12	Schindler	Hollendale, R. 1	No	No	Poor	Clean	Not clean	Good	Poor
Oct. 12	Moscow	Moscow	No	No	Good	Clean	Not clean	Good	Poor
Oct. 12	Horseshoe Bend	Blanchardville	No	No	Good	Clean	Not clean	Good	New
Oct. 12	Engvell	Blanchardville	No	No	Bad	Clean	Not clean	Good	Passable
Oct. 12	Cleary	Blanchardville	No	No	None	Clean	Not clean	Good	Good
Oct. 12	Glenn	Blanchardville	No	No	Bad	Clean	Not clean	Good	Good
Oct. 12	McKenna	Blanchardville	No	No	None	Clean	Not clean	Good	Passable
Oct. 12	Dorman	Hollendale, R. 2	No	No	Poor	Not all clean	Not clean	Good	Poor
Oct. 13	Waldwick	Hollendale	Yes	No	None	Not clean	Not clean	Good	Poor
Oct. 13	Rock Branch	Mineral Point	Yes	Yes	None	Not clean	Not clean	Good	Poor
Oct. 13	Oak Park	Mineral Point	No	No	None	Not clean	Not clean	Good	Not clean
Oct. 14	Buck Grove	Mineral Point	Yes	No	None	Clean	Not clean	Good	Good
Oct. 14	Mount Hope	Mineral Point	Yes	Yes	None	Clean	Not clean	Good	Passable
Oct. 14	Wren	Hollendale	Yes	No	Poor	Not clean	Not clean	Good	Passable
Oct. 14	Waldwick Center	Hollendale	No	No	Good	Clean	Not clean	Good	New
Oct. 14	Regon	Hollendale	No	No	Poor	Clean	Not clean	Good	Good
Oct. 14	Banner	Hollendale	No	Yes	Bad	Not all clean	Not clean	Good	Passable
Oct. 16	Jonesdale	Jonesdale	Closed						
Oct. 16	Garrison Grove	Dodgeville	Closed						
Oct. 20	Harms & Duffey	Highland	Yes	No	None	Clean	Not clean	Good	Good
Dec. 2	Harms & Duffey	Highland	Yes	No	Good				
July 25	Haushalter	Muscoda, R. 4	Yes	No	Bad	Not clean	Not clean	Good	Bad
Sept. 29	Haushalter	Muscoda, R. 4	Yes	No	Bad	Clean	Not clean	Good	Bad
July 25	Prairie	Muscoda	Yes	No	None	Clean	Clean	Good	Passable
Sept. 22	High Crossing	Barneveld	No	No	Poor	Clean	Not clean		Good
Sept. 22	Thomas	Barneveld	No	No	Good	Clean	Good	Bad	
Sept. 23	Barneveld	Barneveld	Yes	Yes	Passable	Clean	Not clean	Clean	Clean

Oct. 31	Potterton	Dodgeville, R. 3	No	No	Passable	Clean	Not clean	Good	Passable
Oct. 30	Holverson	Highland	Yes	No	None	Not clean	Not clean	Good	Not clean
Oct. 12	Glenn	Hollandale	No	No	Good	Clean	Not clean	Clean	Clean
Aug. 31	Latto	Avoca	Yes	Yes	Poor	Clean	Not clean	Clean	Poor
Aug. 31	Five Points	Dodgeville, R. 2	No	No	None	Not clean	Not clean	Good	Not clean
Aug. 31	Standard	Dodgeville, R. 2	Yes	Yes	Poor	Clean	Good	Some dirty	Passable
Aug. 31	Heun	Dodgeville, R. 2	Yes	No	Good	Not clean	Passable	Clean	Not clean
Aug. 30	Ridgeway	Ridgeway	No	No	Passable	Clean	Passable	Clean	Passable
Aug. 30	Mill Creek	Ridgeway, R. 2	No	No	Good	Clean	Not clean	Not clean	Poor
Nov. 2	Mill Creek	Ridgeway	No	No	Passable	Clean	Clean	Good	Good
Sept. 29	Hollenbeck	Avoca	Yes	No	None	Not clean	Not clean	Good	Poor
Sept. 20	Heun	Dodgeville	Yes	No	None	Not clean	Not clean	Good	Not clean
Sept. 20	Standard	Dodgeville	Yes	No	None	Clean	Passable	Some poor	Passable
Sept. 21	Five Points	Dodgeville, R. 2	Yes	No	None	Not clean	Not clean	Good	Not clean
Oct. 21	Union Valley	Dodgeville, R. 2	Yes	No	None	Passable	Not clean	Good	Good
Oct. 26	Clover Dale	Edmund	Yes	No	None	Not clean	Not clean	Good	Good
Oct. 26	Cobb	Cobb	Yes	No	None	Not clean	Not clean	Good	Good
Oct. 26	Rockwell	Dodgeville	No	No	Bad	Clean	Clean	Good	Good
Oct. 25	Heun	Dodgeville	Yes	No	None	Passable	Not clean	Good	Good
Oct. 25	Five Points	Dodgeville	Yes	No	Passable	Not clean	Good	Good	Good
Oct. 24	Standard	Dodgeville	Yes	No	Good	Not all clean	Good	Good	Good
Oct. 24	Clyde	Clyde	Yes	No	Good	Clean	Not clean	Good	Good
Oct. 24	Spring Valley	Clyde	Yes	No	None	Not all clean	Not clean	Good	Poor
Oct. 24	Pine Knob	Highland	Yes	No	None	Not clean	Passable	Good	Poor
Oct. 24	Hollenbeck	Avoca	Yes	No	None	Passable	Not clean	Good	Poor
Oct. 25	Union Valley	Dodgeville, R. 2	Yes	No	None	Not all clean	Passable	Good	Good
Oct. 31	Oak Park	Mineral Point	No	No	Poor	Not clean	Not clean	Good	Poor
Oct. 27	High Crossing	Barneveld	No	No	Poor	Clean	Passable	Good	Good
Oct. 24	Bigelow	Avoca	Yes	No	Passable	Clean	Passable	Good	Passable

JEFFERSON CO.

Aug. 28	West Road	Watertown, R. 7	Yes	Yes	Poor	Clean	Bad	Good	Good
Aug. 29	Hilltop	Watertown, R. 6	Yes	No	Good	Good	Bad	Good	Good
Aug. 29	County Line	Watertown, R. 2	No	No	Passable	Good	Passable	Good	Good
Aug. 30	Gopher Hill	Ixonia, R. 1	Sometimes		Bad	Good	Poor	Good	Good

JUNEAU CO.

Oct. 6	Town Line	Mauston, R. 7	Yes	No	Good	Good	Passable	Good	Good
Oct. 6	Rock Valley	Mauston, R. 6	Yes	No	Good	Good	Poor	Good	Good
Oct. 6	Hill Side	Mauston, R. 2	Yes	No	Good	Good	Passable	Good	Good
Oct. 6	Lindina	Mauston, R. 2	Yes	Yes	Good	Good	Good	Good	Good
Oct. 7	Wonevoc	Wonevoc	Yes	No	Good	Bad	Bad	Good	Bad
Oct. 11	Lone Rock	New Lisbon	Yes	No	Poor	Bad	Passable	Passable	Passable
Sept. 6	Lone Rock	New Lisbon	Yes	Yes	Poor	Good	Passable	Good	Passable

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
KEWAUNEE CO.									
1905.									
Aug. 24	F. Storz	Stangleville, R. 2.	Yes	Yes	None	Good	Passable	Clean	Good
Aug. 24	Chada	Stangleville, R. 1.	Yes	Yes	None	Good	Poor	Clean	Good
Aug. 25	Grutzmacher	Kewaunee, R. 5	Yes	No	None	Not clean	Not clean	Clean	Good
Aug. 25	Ellisville	Luxemburg, R. 2.	Yes	No	Poor	Good	Not clean	Clean	Good
Aug. 25	Hillside	Luxemburg, R. 3.	Yes	No	None	Good	Bad	Good	Poor
Aug. 25	Mueller	Stangleville	Yes	No	Good	Clean	Clean	Good	Good
Aug. 25	Range	Kewaunee, R. 3.	Yes	No	None	Clean	Not clean	Good	Poor
Aug. 25	Konop	Stangleville	Yes	No	None	Clean	Not clean	Poor	Poor
Aug. 25	Kozina	Kewaunee, R. 4.	Yes	No	Poor	Not clean	Not clean	Clean	Poor
Aug. 29	Anton Grassel	Luxemburg, R. 1.	Yes	Yes	None	Clean	Bad	Clean	Good
Aug. 29	Kelnhof	Luxemburg, R. 3.	Yes	No	Poor	Clean	Not clean	Clean	Passable
Aug. 29	J. P. Kelnhof	Luxemburg	Yes	No	None	Clean	Not clean	Clean	Poor
Aug. 29	Liebel Bros.	Luxemburg	Yes	No	None	Not all clean	Passable	Clean	Passable
Aug. 29	Gassner	Luxemburg	Yes	No	None	Poor	Passable	Clean	Good
Aug. 30	Gascue	Luxemburg, R. 3.	Yes	Yes	None	Not clean	Not clean	Not all good	Not clean
Aug. 31	Duval	Luxemburg, R. 5.	Yes	No	None	Clean	Not clean	Clean	Clean
Aug. 31	Darest	Luxemburg, R. 6.	Yes	No	None	Not clean	Passable	Not all good	Good
Aug. 31	Holbrecht	Luxemburg, R. 5.	Yes	No	Poor	Clean	Passable	Clean	Good
Aug. 31	Bredael	Luxemburg, R. 4.	Yes	No	None	Not clean	Bad	Some poor	Bad
Aug. 31	Heavers	Luxemburg, R. 4.	No	Yes	None	Not all clean	Not clean	Some poor	Good
Aug. 31	Gosin	Luxemburg, R. 4.	Yes	Yes	None	Clean	Not clean	Good	Clean
Sept. 1	Lincoln Farmer Co.	Casco, R. 1.	Yes	No	None	Clean	Not clean	Good	Poor
Sept. 1	Rubens	Casco, R. 2.	Yes	No	None	Clean	Not clean	Some poor	Good
Sept. 1	Okonski	Kewaunee, R. 5.	Yes	No	None	Not clean	Not clean	Good	Not clean
Sept. 1	Schleis	Luxemburg, R. 1.	Yes	No	None	Not all clean	Not clean	Clean	Not clean
Sept. 1	Wrachek	Kewaunee, R. 3.	Yes	No	None	Clean	Bad	Not clean	Good
Sept. 1	Krok	Kewaunee, R. 4.	Yes	No	None	Clean	Not clean	Clean	Poor
Sept. 1	Mahacek	Kewaunee, R. 6.	Yes	No	None	Not clean	Passable	Clean	Good
Sept. 2	Kupera	Luxemburg, R. 6.	Yes	Yes	None	Clean	Passable	Clean	Good
Sept. 2	J. B. Boucher	Luxemburg, R. 6.	No	No	None	Poor	Bad	Clean	Bad
Sept. 2	Schneider	Luxemburg, R. 2.	Yes	No	Poor	Not clean	Not clean	Clean	Not clean
Sept. 2	Opichka	Kewaunee, R. 6.	Yes	No	None	Not all clean	Not clean	Clean	Poor
Sept. 7	Krysek	Kewaunee, R. 3.	Yes	Yes	Poor	Clean	Passable	Clean	Passable
Sept. 7	Lipple	Kewaunee, R. 3.	Yes	No	None	Not clean	Not clean	Clean	Poor

Sept. 7	Hardke	Kewaunee, R. 3	Yes	No	None	Not clean	Not clean	Clean	Poor
Sept. 7	Waterstreet	Kewaunee, R. 6	Yes	No	None	Not clean	Not clean	Clean	Not clean
Sept. 7	Sostok	Kewaunee, R. 7	Yes	No	None	Not all clean	Clean	Not all good	Good
Sept. 8	Alaska	Kewaunee, R. 7	Yes	No	Poor	Clean	Clean	Good	Good
Sept. 8	Schneider	Algoma, R. 1	Yes	No	None	Not all clean	Clean	Good	Good
Sept. 8	Ahnapee	Algoma, R. 2	Yes	Yes	None	Clean	Clean	Good	Clean
Sept. 8	Kodan	Algoma, R. 3	Yes	No	Passable	Clean	Passable	Good	Passable
Sept. 8	Ullsberger	Algoma, R. 2	Yes	No	None	Not all clean	Bad	Good	Poor
Sept. 8	Boleslar	Algoma, R. 3	Yes	No	Bad	Clean	Passable	Good	Passable
Sept. 8	Cayernberg	Forestville, R. 2	No	No	None	Not all clean	Not clean	Good	Poor
Sept. 6	McCarty	Kewaunee, R. 1	Yes	No	None	Good	Not clean	Not all good	Bad
Sept. 7	Plausky	Kewaunee, R. 3	Yes	No	Poor	Not all clean	Not clean	Good	Good
Sept. 5	Shau	Kewaunee, R. 6	Yes	Yes	None	Good	Bad	Good	Passable
Sept. 6	Adams	Kewaunee, R. 6	Yes	Yes	Good	Good	Clean	Clean	Clean
Sept. 6	Sipple, Jr.	Kewaunee, R. 1	Yes	Yes	None	Good	Bad	Clean	Poor
Sept. 6	Carlton	Kewaunee, R. 1	Yes	Yes	None	Not all clean	Bad	Clean	Good
Sept. 6	Sandy Bay	Kewaunee, R. 1	Yes	No	None	Clean	Passable	Clean	Passable
Sept. 6	Kanera	Kewaunee, R. 2	Yes	Yes	None	Clean	Not clean	Clean	Good
Sept. 6	Riha	Kewaunee, 3	Yes	Yes	None	Clean	Passable	Clean	Good
Sept. 5	Casco	Casco, R. 1	Yes	No	None	Not all clean	Not clean	Clean	Poor
Sept. 5	Delain	Casco, R. 1	Yes	No	None	Not clean	Bad	Clean	Poor
Sept. 5	Rio Creek	Algoma, R. 2	Yes	No	None	Clean	Not clean	Clean	Good
Oct. 19	Gruetzmacher	Kewaunee, R. 5	Yes	No	None	Clean	Clean	Clean	Clean
Oct. 19	Gasche	Luxemburg, R. 3	Yes	Yes	None	Clean	Clean	Clean	Passable
Oct. 13	Hillside	Luxemburg, R. 3	Yes	No	None	Clean	Clean	Clean	Passable
LA CROSSE CO.									
Oct. 26	Dutch Creek	Bangor, R. 2	Yes	No	Good	Good	Good	Good	Good
Oct. 26	Shelby	La Crosse, R.	No	No	Poor	Good	Good	Good	Good
Oct. 26	Bangor	Bangor	Yes	No	Passable	Good	Not clean	Good	Good
Oct. 26	Greenfield	Eagle Hotel La Crosse	No	No	Poor	Good	Good	Good	Good
Oct. 26	Middle Ridge	Bangor, R. 2	Yes	No	Poor	Good	Poor	Good	Good
Oct. 26	St. Joseph's Ridge	Bangor, R. 2	Yes	No	Poor	Good	Not clean	Good	Good
LAFAYETTE CO.									
Nov. 3	Klondike	Darlington, R. 3	No	No	Bad	Clean	Clean	Good	Poor
Nov. 3	Hicks	Dunbarton	No	No	Good	Clean	Clean	Clean	Clean
July 11	Renrude	Gratiot	Yes	Yes	Poor	Clean	Poor	Not all good	Good
Nov. 3	Andrews	Warren, Ill	No	No	Poor	Clean	Not clean	Clean	Clean
Nov. 3	Brenum	So. Wayne							

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
LAFAYETTE CO.									
1905.									
Nov. 3	Opie	Apple River, Ill.							
Nov. 3	Collins	Gratiot	No	No	Poor	Clean	Not clean ..	Clean	Bad
Nov. 3	Saunderson	Argyle							
Nov. 3	Vinger	Argyle							
Nov. 3	Whiteside	Lamont							
Nov. 3	Lamont Central	Darlington							
Nov. 3	Olson	Argyle							
Nov. 3	Bergamont	Fayette							
Nov. 3	Brunkow	Fayette							
Nov. 3	Cannon	Jonesdale							
Oct. 13	Connelly	Fayette	No	No	Bad	Clean	Not clean ..	Good	Poor
Oct. 13	Shellits	Argyle							
Oct. 13	Smith	Darlington							
Oct. 13	Lake	Shullsburg							
Oct. 13	Free Silver	Gratiot							
Oct. 13	Otter Creek	Darlington							
Oct. 13	Lovett Branch	Darlington							
Oct. 13	McDonald	Darlington							
Oct. 13	Avon	Darlington							
July 21	Dublin	Darlington	No	Yes	Passable	Clean	Good	Not all clean	Good
July 21	Sunnyside	Darlington							
July 21	Darlington	Darlington							
Nov. 3	Truman	Truman	No	No	Poor	Clean	Clean		Not clean ...
Nov. 3	Rock	Mineral Point							
Nov. 3	Karlen	Calamine							
Nov. 3	McCarten	Truman							
Nov. 3	Hall	Argyle							
Nov. 3	Mud Branch	Argyle							
Nov. 3	Vinger Flint	Argyle							
Nov. 3	Legler	Argyle							
Nov. 3	Gunderson	Argyle							
Nov. 3	Apple Branch	Argyle							
Nov. 3	Town Line	Argyle							
Nov. 3	Everson	Argyle							

Nov. 3	Olson	Argyle								
Nov. 3	Ferrell	Argyle								
Nov. 3	Legler	Argyle								
Nov. 3	Blackstone & Look	Shullsburg								
Nov. 3	O'Connor	Darlington								
Nov. 3	Light House	Darlington								
Nov. 3	Success	Darlington								
Nov. 3	Glennon	Shullsburg								
Nov. 3	Bergett	South Wayne								
Nov. 3	Spring	Woodford								
Nov. 18	Lycan	Woodford	No	No	Passable	Clean	Clean			Good
Nov. 18	Wells	Woodford								
Nov. 18	Spore	Argyle								
Nov. 18	Sisson	Woodford								
Nov. 18	Brenum	Woodford								
July 6	Foley	South Wayne	No	No	Good	Clean	Poor	Some poor		Good
July 6	River Bend	Argyle								
July 6	Stuart	South Wayne								
Oct. 13	Hanson	Woodford	No	No	Good	Clean	Not clean			Good
Oct. 13	Miller	Woodford								
Oct. 13	Hasley	Winslow, Ill.								
Oct. 13	Isley	South Wayne								
July 10	Hall	Warren, Ill.	No	No	Poor	Not clean	Passable	Clean		Poor
July 10	Johnson	South Wayne								
July 10	Graham	Warren, Ill.								
Oct. 19	Meyer	Winslow, Ill.	No	No	Good	Clean	Bad	Clean		Good
Oct. 19	Crosby	South Wayne	No	No	Poor	Clean	Not clean	Good		Good
Oct. 19	McKnight & Arnett	South Wayne	No	No	Good	Clean	Good	Not all clean		Good
July 5	Murphy	South Wayne	No	No	Poor	Clean	Bad	Some poor		Passable
Nov. 3	Wayne Center	South Wayne	Yes	Yes	Passable	Good	Not clean	Good		Clean
Oct. 14	Blanchardville	Blanchardville	No	No	Good	Clean	Good	Clean		Good
Oct. 14	McClintic	Blanchardville								
Oct. 14	O. Olson	Blanchardville								
Oct. 14	H. Hermanson	Blanchardville								
Oct. 14	Ingwell	Blanchardville								
Oct. 13	Search	Blanchardville	No	No	Good	Clean	Not clean	Good		Passable
Oct. 13	Lion	Yellowstone	No	No	Bad	Not clean	Passable			Poor
Oct. 13	Calamine	Calamine								
Oct. 13	Prennet	Calamine								
Oct. 13	Matley	Mineral Point								
Oct. 13	Peter Mick	Mineral Point								
Oct. 13	John McQuaid	Darlington								
Oct. 13	P. F. McQuaid	Darlington								
Oct. 13	Defiance	Mineral Point								
Oct. 13	Barlow	Darlington								

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
1905.									
LAFAYETTE CO.									
Nov. 3	Red Rock	Gratiot, R. 1.....	No	No	Passable	Clean	Clean	Clean	Clean
Nov. 3	Doblin	Darlington, R. 3..	No	No	Passable	Clean	Clean	Clean	Clean
Oct. 18	Foley	South Wayne	No	No	Good	Clean	Not clean	Not all good	Clean
Nov. 2	Lion	Blanchardville	No	No	Poor	Not clean	Clean	Good	Good
Nov. 2	Connelly	Blanchardville	No	No	Poor	Clean	Clean	Good	Passable
Nov. 18	Brenen	Wiota	No	No	Good	Clean	Clean	Good	Good
LANGLADE CO.									
Dec. 6	Rolling	Antigo, R. 3.....	Closed temp.	Closed temp.	.....	.....	.....	.....	.....
Dec. 6	Krueger	Stevens Point	Yes	Yes	Good .....	.....	.....	.....	.....
Dec. 6	Polar	Polar	Closed temp.	Closed temp.	.....	Good	Passable	Good	Passable
Dec. 6	Antigo	Antigo, R. 1.....	Yes	No	Good	Good	Passable	Good	Good
Dec. 7	Woodcock Corners	Antigo, R. 2.....	.....	.....	Good	Good	Passable	Good	Good
Dec. 7	Neva	Deerbrook	No	No	Poor .....	.....	.....	.....	.....
Dec. 7	Northern	Deerbrook	Yes	No	None	Clean	Passable	Good	Good
Dec. 7	Wenyel	Deerbrook	Yes	No	None	Clean	Passable	Good	New
Dec. 7	Cherf Bros.	Medford, R. 4.....	Yes	No	None	Good	Clean	Good	Good
Dec. 7	Bryant	Bryant	Yes	Yes	None	Good	Passable	Good	New
Dec. 7	Antigo	Antigo, R. 4.....	Closed	Closed temp.	.....	.....	.....	.....	New
			Yes	No	Good	Passable	Passable	Good	Poor
LINCOLN CO.									
Dec. 11	Hackbart	Merrill, R. 1.....	Closed temp.	Closed temp.	None	Not all clean	Poor .....	.....	.....
Dec. 11	Stoltzman	Merrill, R. 2.....	Closed temp.	.....	.....	.....	.....	.....	.....
Dec. 11	Pine River	Merrill, R. 5.....	Yes	No	Good	Clean	Good .....	.....	Good
Dec. 11	Quade	Merrill, R. 3.....	Yes	Yes	Good	Clean	Good	Good	Good

MANITOWOC CO.

Aug. 14 Klessig	Cleveland R. 1...	Yes	No	Passable	Good	Passable	Good	Good
Aug. 15 Olin	Cleveland R. 1...	Yes	No	Poor	Not all clean	Not clean	Not all clean	Not clean
Aug. 15 Kuhn	Cleveland R. 1...	Yes	No	None	Passable	Good	Good	Passable
Aug. 15 Barthel	Cleveland, R. 2...	Yes	No	None	Passable	Good	Good	Passable
Aug. 16 Schreiber	Kiel, R. 2.....	Yes	No	None	Passable	Not clean	Not all good	Passable
Aug. 16 Millhome	Kiel, R. 2.....	Yes	No	None	Passable	Not clean	Good	Passable
Aug. 16 Eberling	Kiel, R. 2.....	Yes	Yes	None	Passable	Passable	Not all good	Passable
Aug. 16 North Kiel	Kiel, R. 4.....	Yes	No	Poor	Good	Not clean	Good	Good
Aug. 19 Sonnabend	Hayton, R. 1.....	Yes	No	Passable	Good	Passable	Not all clean	Good
Aug. 19 Collins	Brillion, R. 3.....	Yes	No	Poor	Good	Passable	Good	Good
Aug. 19 Wells	Brillion, R. 3.....	Yes	No	Passable	Not all clean	Not clean	Passable	Good
Aug. 21 Valdars	Valdars	Yes	No	Good	Passable	Not clean	Passable	Good
Aug. 21 Wehausen	Manitowoc R. 1...	No	No	Passable	Not clean	Passable	Good	Good
Aug. 22 Vogelsang	Timothy, R. 1.....	Yes	No	Good	Good	Passable	Good	Good
Aug. 22 Dureneck	Manitowoc, R. 2.....	Yes	No	Passable	Good	Passable	Good	Good
Aug. 23 Peacock	Timothy	Yes	No	Passable	Not all clean	Bad	Some bad	Not clean
Aug. 23 Pleuss	Manitowoc, R. 1.....	Yes	No	Passable	Good	Not clean	Passable	Not clean
Aug. 23 Mason	Manitowoc, R. 1.....	Yes	No	Bad	Not all clean	Not clean	Good	Poor
Aug. 24 Thompson	Valdars, R. 1.....	Yes	No	Bad	Not all clean	Good	Good	Not clean
Aug. 24 St. Nazianz	St. Nazianz	Yes	No	Passable	Passable	Passable	Passable	Passable
Aug. 24 Schnell	Timothy, R. 1.....	Yes	No	Passable	Passable	Bad	Passable	Passable
Aug. 24 Peacock No. 2	Cleveland, R. 3.....	Yes	No	None	Not clean	Passable	Not all clean	Passable
Aug. 25 School Hill	Kiel, R. 1.....	Yes	No	Passable	Passable	Good	Not all clean	Good
Aug. 25 Hertel	Cleveland, R. 2.....	Yes	No	Good	Passable	Good	Good	Good
Aug. 25 Matzuick	Kiel, R. 1.....	Yes	No	Poor	Good	Not clean	Good	Passable
Aug. 25 Louis Corners	Kiel, R. 1.....	Yes	No	None	Good	Not clean	Passable	Passable
Aug. 25 Karstaedt	Kiel, R. 3.....	Yes	No	Good	Good	Not clean	Good	Good
Aug. 25 Cerull	Kiel, R. 4.....	Yes	Yes	Passable	Passable	Not clean	Good	Good
Aug. 25 Karstaedt No. 2	Kiel, R. 3.....	Yes	No	Good	Passable	Good	Good	Good
Aug. 26 Schwalbe	Hayton, R. 1.....	Yes	No	None	Good	Not clean	Passable	Good
Aug. 26 Olm	Hayton	Yes	No	None	Not all clean	Bad	Good	Passable
Aug. 26 Olm & Son	Valdars, R. 1.....	Yes	No	None	Not all clean	Not clean	Passable	Good
Aug. 23 Madson	Manitowoc, R. 4.....	Yes	Yes	Good	Good	Good	Good	Good
Aug. 29 Hein	Manitowoc, R. 4.....	Yes	No	Good	Good	Good	Good	Good
Aug. 28 Grimms	Grimms	Yes	No	Poor	Good	Bad	Passable	Good
Aug. 29 Cato Falls	Reedsville, R. 3.....	Yes	No	Passable	Good	Passable	Passable	Good
Aug. 29 Rappel	Reedsville, R. 3.....	Yes	No	None	Good	Not clean	Good	Good
Aug. 29 Clover Leaf	Reedsville, R. 3.....	Yes	No	None	Good	Not clean	Passable	Passable
Aug. 29 Krueger	Reedsville, R. 2.....	Yes	No	None	Good	Bad	Passable	Passable
Aug. 29 Kleist	Reedsville, R. 2.....	Yes	No	None	Good	Passable	Good	Passable
Aug. 30 Nate	Grimms, R. 1.....	Yes	Yes	None	Good	Bad	Passable	Good
Aug. 33 Zahorik	Cato	Yes	Yes	None	Good	Good	Good	Good

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
MANITOWOC CO.									
1935.									
Aug. 30	Sabel	Grimms	No	Yes	None	Passable	Bad	Good	Passable
Aug. 30	Herold	Kellnersville	Yes	No	Poor	Good	Bad	Passable	Good
Aug. 30	Vogel	Kellnersville, R. 1	Yes	No	Passable	Good	Good	Good	Good
Aug. 30	Peacock No. 3	Cooperstown	Yes	No	None	Good	Passable	Good	Good
Aug. 31	Rosecrans	Kellnersville	Yes	No	None	Good	Passable	Good	Passable
Aug. 31	Green Street	Kellnersville, R. 1	Yes	No	None	Not all clean	Bad	Passable	Passable
Aug. 31	Liebold	Whitelaw, R. 1	Yes	No	None	Good	Bad	Good	Passable
Aug. 31	Kellnersville	Kellnersville	Yes	No	None	Good	Bad	Passable	Passable
Aug. 31	Schladweiller	Whitelaw, R. 1	Yes	No	None	Bad	Bad	Passable	Passable
Aug. 31	Branch	Branch	Yes	No	Good	Passable	Bad	Good	Good
Sept. 5	Ahlswede	Manitowoc, R. 5	Yes	No	None	Not all clean	Good	Passable	Good
Sept. 5	Rohde	Manitowoc, R. 6	Yes	No	Passable	Not all clean	Good	Good	Passable
Sept. 7	Nauman	Two Rivers	Yes	No	None	Good	Passable	Good	Passable
Sept. 7	Schwanz	Manitowoc	Yes	No	Poor	Passable	Passable	Good	Passable
Sept. 7	Fischer	Manitowoc, R. 5	Yes	Yes	Poor	Good	Good	Good	Good
Sept. 7	Benishek	Kellnersville	Yes	No	Good	Good	Passable	Good	Good
Sept. 7	Rauk	Manitowoc, R. 5	Yes	No	None	Passable	Not clean	Passable	Passable
Sept. 7	Kornely	Manitowoc, R. 7	Yes	No	Bad	Not clean	Passable	Not all good	Passable
Sept. 7	Wilde	Manitowoc, R. 7	Yes	No	Poor	Good	Good	Good	Good
Sept. 8	Kostlery	Kellnersville, R. 2	Yes	No	None	Good	Not clean	Good	Passable
Sept. 8	Padhola	Kellnersville, R. 2	Yes	No	None	Good	Bad	Good	Good
Sept. 8	Leidel	Mishicott, R. 1	Yes	No	None	Passable	Good	Good	Good
Sept. 8	Vogel Bros.	Mishicott, R. 2	Yes	No	None	Good	Bad	Not all good	Good
Sept. 8	Facock	Mishicott, R. 2	Yes	No	None	Passable	Not clean	Good	Good
Sept. 9	Zlab	Two Rivers, R. 1	Yes	No	Bad	Passable	Not clean	Good	Passable
Sept. 9	Bleser	Two Rivers, R. 1	Yes	No	Bad	Good	Good	Good	Good
Sept. 15	Junker	Brillion, R. 2	Yes	No	Passable	Good	Good	Good	Good
Sept. 16	Fokett Bros.	Reedsville, R. 2	Yes	No	None	Passable	Bad	Passable	Passable
Sept. 16	Maede	Reedsville, R. 1	Yes	No	None	Good	Bad	Some bad	Passable
Sept. 16	Junker, J. B.	Reedsville, R. 1	Yes	No	None	Good	Not clean	Good	Poor
Sept. 16	Kasson	Brillion, R. 2	Yes	No	Passable	Good	Bad	Passable	Good
Sept. 19	Two Creeks	Two Rivers, R. 1	Yes	No	None	Not all clean	Not clean	Passable	Passable
Sept. 19	Tisch Mills	Tisch Mills	Yes	No	None	Not clean	Passable	Good	Passable
Sept. 19	Zander	Zander	Yes	No	None	Good	Passable	Passable	Good

Sept. 19	Geimer	Mishicott, R. 2	Yes	No	None	Passable	Good	Passable	Passable
Aug. 23	Alverno	Manitowoc, R. 1	Yes	No	None	Good	Not clean	Good	Good
Aug. 29	Reedsville	Reedsville, R. 1	Yes	No	Good	Not all clean	Bad	Not all good	Passable
Oct. 6	Klessig	Cleaveland, R. 3	Yes	No	Bad	Not clean	Bad	Passable	Passable
Oct. 4	Kornelia	Manitowoc, R. 7	No	No	None	Not clean	Not clean		Poor
Oct. 4	Tisch Mills	Tisch Mills	No	No	None	Not all clean	Not clean		Poor
Oct. 5	Sabel	Grimms, R.	Yes	No	None	Not clean	Not clean		Not clean
Oct. 5	Sladereiller	Whitelaw, R. 1	Yes	No	None	Not all clean	Not clean		Not clean
Oct. 6	Meyer	Manitowoc, R. 2	Yes	No	Bad	Not all clean	Not clean		Not clean
Oct. 5	Berger	Kellnersville, R. 1	Yes	No	None	Not all clean	Not clean		Not clean
MARATHON CO.									
Oct. 30	Riverside	Marshfield, R. 4	Yes	No	Bad	Bad	Not clean	Good	Not clean
Nov. 15	Spencer	Spencer	Yes	No	None	Clean	Not clean	Good	Good
Nov. 23	Spencer	Spencer	Yes	Yes	Good	Good	Good	Good	Good
Nov. 13	Weller	Colby	Yes	No	Poor	Clean	Not clean	Good	Poor
Nov. 23	Weller	Colby	Yes	No	Poor	Clean	Not clean	Good	Poor
Nov. 16	Hillside	Wausau, R. 1	Yes	No	Good	Good	Passable	Good	Good
Nov. 16	Riverside	Wausau	No	No	Good	Good	Good	Good	Good
Nov. 16	Church Hill	Wausau, R. 1	Yes	No	Good	Good	Good	Good	Good
Nov. 17	Tesch	Naugart, R. 1	Yes	No	Good	Good	Good	Good	Good
Nov. 17	Bauman	Merrill, R. 3	Yes	Yes	Good	Good	Good	Good	Good
Nov. 17	Meyers Brk. Ch.	Merrill, R. 3	No	No	Good	Good	Good	Good	Good
Nov. 20	Grimm	Wausau, R. 2	Closed temp.	Closed temp.					
Nov. 22	Langbecker	Marathon City, 2	Yes	Yes	Poor	Good	Passable	Good	Good
Nov. 22	Gilt Edge	Marathon City, 2	Yes	Yes	Poor	Passable	Bad	Good	Poor
Nov. 22	Emmerich	Naugart	No	No	Good	Good	Clean	Good	Good
Nov. 22	Storms	Merrill	Yes	No	Good	Bad	Bad	Good	Good
Nov. 22	Storms No. 2	Hamburg, R. 1	Yes	No	None	Not all clean	Bad	Good	Good
Nov. 22	C. F. & M. B. Emmerich	Hamburg, R. 1	Yes	No	Good	Good	Good	Good	Good
Nov. 22	Natzke	Hamburg, R. 1	Yes	Yes	Good	Good	Good	Good	Good
Nov. 22	Maple Grove	Marathon City, 2	Yes	No	Good	Good	Good	Good	Good
Nov. 23	Castle	Marathon	Yes	No	Passable	Good	Passable	Good	Good
Nov. 23	Kutz	Marathon City, 2	Closed temp.	Closed temp.					
Nov. 23	Huberts, Berg & Co.	Edgar, R. 2	Yes	No	Good	Good	Clean	Good	Good
Nov. 23	Wein C. & B. Co.	Edgar, R. 1	Yes	No	Poor	Good	Passable	Good	Good
Nov. 25	Thor Corners	Spencer	Closed temp.	Closed temp.					
Nov. 25	Schelock Corners	Marshfield	Yes	No					
Nov. 25	Stadt	Stadt	Yes	No	Poor	Good	Passable	Good	Poor
Nov. 25	Muher	Rozellville	Not finished	Not finished					
Nov. 27	Corinth	Corinth	Closed temp.	Closed temp.					
Nov. 27	Athens	Athens	Closed temp.	Closed temp.					

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
MARATHON CO.									
1905.									
Nov. 27	Farmer's	Athens	Closed temp.	Closed temp.	.....	.....	.....	.....	.....
Nov. 27	Pargu	Abbotsford, R. 1.	Yes	Yes	Passable	Good	Passable	Good	Good
Nov. 27	Bushman	Abbotsford, R. 1.	Closed temp.	Closed temp.	.....	.....	.....	.....	.....
Nov. 27	Farmers	Dorchester, R. 1.	Closed temp.	Closed temp.	.....	.....	.....	.....	.....
MARINETTE CO.									
Nov. 13	Feifarek	Peshtigo, R. 2.	Yes	No	None	Clean	Clean	Good	Clean
Nov. 14	McCoskey	Peshtigo, R. 2.	Yes	No	None	Clean	Not clean	Good	Clean
Nov. 14	Beemster	Pound	Yes	No	None	Passable	Not clean	Good	Good
Nov. 14	Chudacoff	Peshtigo, R. 2. ....	.....	.....	None	Good	Passable	.....	Good
Nov. 14	Krueger	Pound	Yes	No	None	Good	Not clean	Good	Good
Nov. 15	Goldsmith	Coleman, R. 1.	Yes	No	None	Not clean	Not clean	Good	Good
Nov. 16	Walsh	Walsh .....	.....	.....	None	Clean	Clean	Good	Good
MONROE CO.									
Oct. 12	Dorset Ridge	Kendall, R.	No	No	Poor	Clean	Clean	Good	Good
Oct. 13	Summit	Norwalk, R. 1.	No	No	Poor	Clean	Poor	Good	Good
Oct. 13	Bohn	Norwalk, R.	No	No	Poor	Not clean	Passable	Good	Poor
	St. Marys	Melvina, R. 1.	No	No	Poor	Good	Poor	Good	Good
OCONTO CO.									
Nov. 7	Sampson	Sampson	Yes	No	Poor	Not all clean	Bad	Not all clean	Not clean
Nov. 7	Morgan	Morgan	Yes	No	None	Not all clean	Not clean	Some rusty.	Good
Nov. 7	Chase	Pulaski .....	.....	.....	Poor	Not all clean	Not clean	.....	Not clean
Nov. 7	Hallman	Sobeski, R. 1.	Yes	No	None	Good	Not clean	Good	Good
Nov. 8	Erdman	Abrams, R. 1. ....	.....	.....	Poor	Good	Passable	.....	Passable
Nov. 8	Spruce	Lena	Yes	No	None	Clean	Not clean	Not all good	Poor
Nov. 8	Kelly Brook	Kelly Brook	Yes	No	None	Good	Clean	Good	Good
Nov. 8	Hubbard	Hickory	Yes	No	None	Clean	Passable	Good	Clean
Nov. 9	Mazance	Kadlec	Yes	No	None	Not clean	Not clean	Good	Good
Nov. 9	Wishka	Lena, R. 1.	Yes	No	None	Not clean	Bad	Good	Not clean

Nov. 9	Lena	Lena	Yes	Yes	Good	Clean	Clean	Good	Good
Nov. 10	Gillette	Gillette	Yes	Yes	Good	Good	Passable	Good	Good
Nov. 10	Kurtz	Maple Valley			None	Clean	Clean		Poor
Nov. 10	Hays	Suring, R. 1.	Yes	No	Passable	Clean	Good	Good	Passable
Nov. 10	Linzey Brook	Underhill, R. 2.	Yes	No	None	Clean	Clean	Good	Good
Nov. 10	Dallman	Underhill, R. 2.	Yes	No	None	Clean	Not clean	Good	Good
Nov. 13	Dohnald	Peshigo, R. 2.	Yes	Yes	None	Clean	Not clean	Good	Good

OUTAGAMIE CO.

July 26	Hortonia	Hortonia, R. 6	Yes	No	Passable	Good	Bad	Good	Good
July 26	B. Nelson, No. 1.	Dale	Yes	No	None	Not all good	Not clean	Good	Good
July 26	Cloverdale	Dale, R.	Yes	No	None	Good	Bad	Good	Passable
July 26	Dale C. & B. Co.	Dale	Yes	Yes	Poor	Good	Passable	Good	Good
July 26	B. Nelson, No. 2.	Dale	Yes	No	Poor	Good	Passable	Good	Good
July 26	West Hortonia	Hortonville, R.	Yes	Yes	Poor	Good	Passable	Good	Good
July 27	West Greenville	Hortonville	Yes	No	Passable	Good	Clean	Good	Good
July 27	Stevens	Hortonville	Yes	No	Good	Good	Good	Good	Good
July 27	Mosquito Hill	New London	Yes	Yes	Passable	Good	Good	Good	Good
July 28	Rickman	Dale, R.	No	No	Passable	Clean	Good	Good	Good
July 28	Drews	Dale, R. 17	Yes	No	Passable	Clean	Good	Good	Good
July 28	Medina	Medina	Yes	Yes	Good	Good	Good	Good	Good
July 29	Liberty Corner	New London, R.	Yes	Yes	Poor	Good	Passable	Good	Good
July 29	A. Nelson	New London	Yes	No	Good	Good	Good	Good	Good
July 31	Beer Creek	Welcome	Yes	Yes	Passable	Good	Good	Good	Good
July 31	Kunrad	Welcome	Yes	Yes	Bad	Good	Good	Good	Good
July 31	N. E. Maple Creek	Sugar Bush, R.	Yes	Yes	Good	Good	Good	Good	Good
Aug. 1	Lilly	Welcome	Yes	Yes	Passable	Good	Good	Good	Good
Aug. 1	W. Kothler	Welcome, R. 27	Yes	Yes	Passable	Good	Good	Good	Good
Aug. 1	Leeman	Leeman	Yes	No	Poor	Good	Bad	Good	Good
Aug. 1	Theede & New Land	Shiocton, R. 31	Yes	No	None	Good	Not clean	Good	Good
Aug. 2	Failey	Black Creek	Yes	Yes	None	Good	Good	Good	Good
Aug. 2	Chas. Hahn Co.	Black Creek, R. 34	No	No	Poor	Good	Passable	Good	Good
Aug. 2	So. Cicero	Seymour, R. 35	Yes	Yes	Passable	Good	Good	Good	Good
Aug. 2	Laurenceville	Seymour	Yes	Yes	Good	Good	Good	Good	Good
Aug. 2	Chas Hahn & Co., No. 2	Seymour, R. 35	Yes	No	Good	Good	Good	Good	Good
Aug. 3	So. Greenville	Appleton, R. 1	Yes	Yes	Good	Good	Good	Good	Good
Aug. 4	E. V. Grunigen	Black Creek	Yes	No	Passable	Not clean	Bad	Good	Poor
Aug. 4	Grunigen, No. 2.	Shiocton, R. 30	No	No	None	Not all clean	Not clean	Good	Good
Aug. 4	Griese	Binghamton	Yes	Yes	None	Passable	Passable	Passable	Good
Aug. 4	J. H. Wolslegel	Black Creek	Yes	No	Passable	Good	Clean	Good	Good
Aug. 4	Black Creek, B & C.	Black Creek	Yes	No	Good	Passable	Not clean	Good	Good

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
OUTAGAMIE CO.									
1905.									
Aug. 5	M. S. Felton	Black Creek, R. 33	No	No	Poor	Not clean	Bad	Good	Not clean
Aug. 5	John Felton	Black Creek	Yes	No	Good	Not all clean	Good	Good	Good
Aug. 5	2 Corners	Black Creek	No	No	Passable	Good	Passable	Good	Good
Aug. 5	W. Schuler	Appleton	Yes	No	Passable	Good	Passable	Good	Good
Aug. 5	White Clover	Appleton	Yes	Yes	Poor	Good	Passable	Good	Good
Aug. 5	River Side	Shiocton, R. 30	Yes	No	Good	Good	Not clean	Good	Good
Aug. 7	H. Pasbender & Co., No. 3	Hortonville, R. 22	Yes	No	Good	Good	Passable	Good	Good
Aug. 7	Ideal B. & C.	Greenville	Yes	No	Good	Good	Good	Good	Good
Aug. 7	Gopher Hill	Hortonville, R. 2	Yes	Yes	Passable	Good	Not clean	Mostly good	Not clean
Aug. 8	Seymour Valley	Seymour, R. 37	Yes	Yes	Good	Good	Not clean	Good	Good
Aug. 8	Luedtke	Seymour	Yes	No	None	Good	Not clean	Good	Clean
Aug. 8	Kolb	Seymour, R. 37	Yes	No	None	Not all clean	Bad	Good	Bad
Aug. 9	Kleist	Seymour, R. 33	Yes	No	Good	Good	Passable	Good	Good
Aug. 9	J. W. Appleton	Appleton, R. 6	Yes	No	Passable	Not all clean	Passable	Good	Good
Aug. 9	Five Corners	Seymour, R. 33	Yes	No	Good	Good	Not clean	Good	Good
Aug. 9	Duck Creek	Seymour, R. 33	Yes	No	Poor	Good	Passable	Good	Good
Aug. 9	M. S. Felton	Seymour, R. 33	Yes	No	None	Good	Not clean	Good	Good
Aug. 9	Baehler	Seymour, R. 36	Yes	No	Poor	Good	Not clean	Good	Good
Aug. 10	Freedom Village	Kaukauna, R. 11	Yes	No	None	Good	Passable	Good	Good
Aug. 10	Greiner	Little Chute, R. 9	Yes	Yes	Poor	Good	Not clean	Good	Good
Aug. 10	Schommer	Little Chute	Yes	No	Poor	Not all clean	Not clean	Good	Passable
Aug. 10	Mackville	Appleton, R. 4	Yes	No	Poor	Good	Passable	Good	Poor
Aug. 10	Frazier	Appleton, R. 5	Yes	No	None	Good	Passable	Not all good	Passable
Aug. 10	Center Valley	Appleton, R. 2	Yes	No	Passable	Good	Good	Good	Good
Aug. 11	A. F. Peterson	Appleton, R. 3	Yes	Yes	Poor	Good	Passable	Good	Good
Aug. 11	Elm Grove	Appleton, R. 3	Yes	No	None	Good	Not clean	Good	Good
Aug. 11	Darboy Cheese Co	Appleton, R. 8	Yes	Yes	Good	Good	Good	Good	Good
Aug. 11	Roemer Bros.	S. Kaukauna, R. 14	Yes	Yes	Passable	Good	Passable	Good	Poor
Aug. 12	Lemke, No. 2	N. Kaukauna, R. 14	Yes	No	None	Not all clean	Bad	Good	Passable
Aug. 12	Military Jr.	S. Kaukauna, R. 14	Yes	No	None	Not all clean	Passable	Good	Poor
Aug. 14	Smith	Mission	Yes	No	None	Good	Not clean	Good	Good
Aug. 14	Grunigan	Blackcreek	No	No	Good	Not all clean	Not clean	Not all good	Poor
Sept. 4	Johnstone	Sugar Bush	Yes	Yes	Good	Good	Good	Good	Good

Oct. 17	Felton, No. 2.....	Black Creek, R. 33.	No	No	Bad	Not clean	Not clean		Poor
Oct. 18	Roemer Bros.	So. Kaukauna	Yes	No	Passable	Clean	Good	Good	Good
Oct. 17	Grunnegan, E. V.	Black Creek, R. 3.	No	No	Good	Good	Good	Good	Good
Aug. 12	Lemke, No. 1.....	No. Kaukauna	Yes	No	Poor	Not all clean	Not clean	Good	Good

OZAUKEE CO.

July 13	Ternet	Lake Church	No	No	Poor	Not clean	Clean		Poor
July 13	Belgium	Belgium	No	No	None	Passable	Not clean	Good	Good
July 7	Spies	Fredonia, R. 1.	Yes	No	None	Passable	Bad	Some rusty.	Poor
July 13	Spies	Fredonia, R. 1.	No	No	None	Passable	Bad		Poor
July 13	John Ternes	Cedar Grove	No	No	Poor	Passable	Bad	Good	Poor
July 13	Kohler	Kohler	Yes	No	None	Not all clean	Not clean		Poor
Nov. 17	Rehm	Fredonia	Yes	No	None	Good	Not clean	Good	Poor
Nov. 17	St. Augustine	West Bend	Yes	Yes	None	Clean	Not clean	Good	Good
Aug. 24	Town No. 10	Grafton	Yes	Yes	Good	Good	Poor	Good	Good
Aug. 24	Klessig	Fredonia	Yes	No	None	Clean	Not clean	Most all good	Poor
Aug. 24	Waubeka	Fredonia	No	No	None	Clean	Poor	Most all good	Poor
Aug. 25	Pauley, No. 1.	Port Washington	No	No	None	Clean	Passable	Most all good	Poor
Aug. 25	Green Bay Road	Port Washington	No	No	Poor	Not clean	Not clean	Not all good	Not clean
Aug. 25	Lake Church	Lake Church	No	Yes	Good	Clean	Clean	Good	Good
Aug. 25	Possely	Belgium	No	Yes	None	Clean	Not clean	Good	Good
Aug. 25	Holy Cross	Fredonia, R. 1.	No	No	None	Good	Poor	Poor	Good
Aug. 25	Fredonia	Fredonia	No	No	None	Clean	Not clean	Mostly good	Poor
Aug. 25	Wellenstein	Port Washington	No	No	None	Good	Poor	Mostly good	Good
Aug. 25	Norwegian	Port Washington	No	Yes	None	Good	Passable	Not all good	Poor
Aug. 25	Meyer	Port Washington	Yes	No	None	Good	Not clean	Not all good	Good
Sept. 7	Port Washington	Port Washington	Yes	No	Good	Clean	Passable	Good	Good
Sept. 8	Muehlberg	Fredonia	No	No	None	Good	Good	Not all good	Good
Sept. 8	Depies	Fredonia	No	No	None	Good	Poor	Good	Poor
Sept. 8	Liezen	Belgium	No	No	None	Good	Poor	Good	Poor
Sept. 7	Jung Inlet	Fredonia	No	Yes	None	Good	Poor	Good	Good
Sept. 8	Kohler	Kohler	No	Yes	None	Good	Poor	Good	Good

PIERCE CO.

Oct. 24	Union	Ellsworth, R. 2....	Yes	No	None	Good	Clean	Good	Good
Oct. 27	Ono	Malden Rock, R.	No	No	None	Not clean	Not clean	Good	Poor
Oct. 27	Farm Hill	Elmwood, R. 1.	Yes	No	Bad	Clean	Not clean	Sometimes	Good
	Lawton	Beldenville							

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
POLK CO.									
1905.									
Oct. 13	Cedar Bend	Osceola	Yes	Yes	Passable	Clean	Not clean ...	Good	Passable
Oct. 13	East Farmington	Osceola, R. 1.	Yes	No	Bad	Not clean ...	Not clean ...	Good	Poor
Oct. 13	Cedar Lake	New Richmond, R. 3.	Yes	No	Poor	Clean	Not clean ...	Good	Passable
Oct. 13	Maple Grove	Centalia, R. 1.	Yes	No	Poor	Not clean ...	Bad	Not all clean	Not clean ...
Oct. 13	Elm Grove	Osceola, R. 2	Yes	No	None	Not clean ...	Not clean ...	Passable	Passable
PORTAGE CO.									
Dec. 5	County Line	Milladore	Yes	Yes	None	Not all clean	Clean	Good	Passable
RICHLAND CO.									
July 5	Allen Grove	Cazenovia, R. 1.	Yes	No	Bad	Good	Not clean ...	Good	Poor
July 5	Corwin	Cazenovia, R. 2.	Yes	No	Passable	Clean	Not clean ...	Good	Poor
July 3	Hawkins	Cazenovia	Yes	No	Good	Good	Clean	Good	Good
July 25	Indian Creek	Muscoda	Yes	No	Poor	Not clean ...	Not clean ...	Good	Poor
July 25	Oak Ridge	Richland Center, R. 1.	Yes	No	None	Clean	Clean	Good	Good
July 25	Ash Creek	Richland Center R. 2	Yes	No	Good	Good	Clean	Good	Poor
July 25	Bloom City	Bloom City	Yes	No	Good	Good	Not clean ...	Good	Good
July 26	Buck Creek	Richland Center ..	Yes	No	Poor	Good	Clean	Good	Good
July 26	Rockbridge	Rockbridge	Yes	No	Good	Good	Clean	Good	Good
July 26	Hub City	Hub City	Yes	Yes	Good	Good	Clean	Not all clean	Good
July 26	Henrietta	Yuba, R. 1.	Yes	Yes	Good	Good	Clean	Good	Good
July 26	Yuba	Yuba	Yes	No	Bad	Good	Passable	Good	Poor
July 26	Woodstock	Woodstock	Yes	No	Good	Good	Passable	Good	Good
July 26	Richland	Richland Center ..	Yes	No	Poor	Good	Clean	Not all good	Good
July 27	Janney	Richland Center, R. 1.	Yes	No	Poor	Good	Not clean ...	Not all good	Good
July 27	Peckham	Gillingham	Yes	Yes	Good	Good	Clean	Not all good	Good
July 28	Union	Boaz, R. 1.	Yes	No	Poor	Good	Passable	Not all good	Good
July 28	Maple Grove	Viola	Yes	Yes	Good	Good	Good	Good	Good
July 28	Sabin	Sabin	Yes	No	Good	Good	Clean	Good	Good

July 28	West Lima	West Lima	Yes	No	Passable	Good	Clean	Good	Good	
July 29	Balmoral	Muscoda	Yes	No	Bad	Not clean	Clean	Good	Poor	
July 29	Hoosier Hollow	Richland Center, R. 2	Yes	No	Poor	Good	Clean	Good	Good	
July 29	Basswood	Muscoda, R. 1	Yes	No	Bad	Good	Clean	Some rusty	Not clean	
July 29	Basswood Union	Basswood	No	No	Good	Good	Clean	Good	Good	
July 29	Gault Hollow	Boaz, R. 1	Yes	No	Good	Good	Clean	Good	Passable	
July 29	Boaz	Boaz	Yes	No	Good	Good	Clean	Good	Good	
Aug. 2	Excelsior	Excelsior	Yes	No	Poor	Good	Clean	Good	Good	
Aug. 2	Byrds Creek	Byrds Creek	Yes	No	Good	Good	Clean	Good	Good	
Aug. 5	Five Points	Five Points	Yes	No	Poor	Good	Passable	Good	Poor	
Aug. 3	Neptune	Neptune	Yes	No	Bad	Good	Clean	Some rusty	Poor	
Aug. 3	Keyesville	Twin Bluffs, R. 1	Yes	No	Passable	Good	Clean	Good	Good	
Aug. 3	Ithaca Union	Ithaca	Yes	Yes	Bad	Good	Clean	Good	Good	
Aug. 3	Pleasant Ridge	Richland Center, R. 3	Yes	No	Poor	Good	Clean	Mostly good	Good	
Aug. 3	Loyd	Loyd	Yes	No	Poor	Good	Clean	Good	Good	
Aug. 3	Butternut	Loyd	Yes	No	Passable	Good	Not clean	Good	Good	
Aug. 3	Hawkins	Cazenovia, R. 1	Yes	No	Good	Good	Good	Good	Good	
Aug. 5	Greenheck	Lone Rock, R. 1	Yes	No	None	Good	Not clean	Good	Poor	
Aug. 9	Dixon Union	Lone Rock, R. 1	Yes	No	Poor	Good	Clean	Good	Passable	
Aug. 9	Goodrich	Lone Rock, R. 1	Yes	No	Poor	Clean	Clean	Good	Poor	
Aug. 9	Gotham	Gotham	Yes	No	Passable	Good	Clean	Good	Good	
Aug. 9	Twin Bluffs	Twin Bluffs	Yes	No	Poor	Good	Not clean	Good	Poor	
Aug. 10	Peckham	Gillingham	Yes	Yes	Passable	Good	Clean	Not all good	Good	
Aug. 11	Elmwood	Soldier Grove, R. 2	Yes	No	Passable	Good	Clean	Not all good	Good	
Aug. 29	Balmoral	Muscoda, R. 1	Yes	No	Poor	Not all clean	Not clean	Not all good	Poor	
ROCK CO.										
July 28	Spring Valley	Brodhead	No	No	Good	Clean	Poor	Good	Passable	
July 28	Scotch Hill	Brodhead	No	No	Good	Clean	Poor	Good	Good	
July 28	Magnolia	Brodhead, R. 1	No	No	Poor	Clean	Bad	Good	Good	
July 28	Star	Janesville	No	No	Poor	Clean	Poor	Some uncl'n	Poor	
July 29	Lee	Brodhead, R. 23	No	No	Passable	Not clean	Good	Some uncl'n	Not clean	
Oct. 5	Waldron	Brodhead, R. 4	No	No	Good	Clean	Not clean	Good	Good	
Sept. 27	Ryan Farm	Hanover	No	No	None	Good	Good	Good	Passable	
Sept. 27	Newark, No. 1	Beloit, R. 27	No	No	Passable	Good	Passable	Good	Good	
Sept. 27	Stokes	Brodhead, R. 23	No	No	Passable	Good	Good	Good	Good	
Sept. 27	Avon	Avon	No	No		Not all clean	Passable	Some uncl'n	Not clean	
Sept. 27	Valley	Brodhead, R. 22	No	No	Poor	Good	Passable	Good	Good	
Sept. 28	Anderson	Brodhead, R. 22	No	Yes	Good	Good	Good	Good	Good	
Sept. 28	Olson	Brodhead, R. 22	No	No	Poor	Good	Passable	Good	Good	
Sept. 23	Dicky	Orfordville, R. 2	No	No	Passable	Good	Passable	Good	Good	
Sept. 28	Jug Prairie	Evansville, R.								

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
ROCK CO.									
1905.									
Sept. 28	Scotch Hill	Orfordville, R.	No	No	Passable	Good	Passable	Good	Good
Sept. 28	Magnolia	Brodhead, R. ....	.....	.....	.....	.....	.....	.....	.....
Sept. 22	Star	Janesville, R. 5....	No	No .....	.....	Good	Good .....	.....	Good
Oct. 4	Avon	Avon	No	No	Good	Not all clean	Not clean ..	Not all clean	Poor
Sept. 27	Waldon	Brodhead, R. 22...	No	Yes	Passable	Good	Poor	Good	Good
Sept. 27	Lee	Brodhead, R. 22...	No	No	Bad	Good	Good	Good	Good
ST. CROIX CO.									
Oct. 4	Stanton	Stanton	Yes	No	Poor	Good	Not clean ..	Clean	Passable
Oct. 4	Banner	New Richmond, R.6	Yes	No	Passable	Not clean ..	Clean	Good	Good
Oct. 4	Factory No. 2	Somerset, R. 1.	Yes	Yes	Poor	Good	Clean	Good	Good
Oct. 4	Factory No. 1	Somerset	Yes	Yes	None	Clean	Not clean ..	Passable	Poor
Oct. 4	Factory No. 4	Somerset, R. 1.	Yes	Yes	None	Clean	Clean	Passable	Good
Oct. 5	Factory No. 3	Somerset, R. 1.	Yes	No	Poor	Clean	Clean	Good	Good
Oct. 5	Sand Hill	Somerset, R. 1.	Yes	No	Poor	Not clean ..	Not clean ..	Good	Poor
SAUK CO.									
Aug. 5	Carr Valley	La Valle, R. 4.	Yes	No	Poor	Good	Clean	Not all clean	Poor
Aug. 5	Wards	Sandusky, R. 2.	Yes	No	Good	Good	Clean	Good	Good
Aug. 5	Sunny Bank	Bear Valley, R. 2.	Yes	No	Bad	Not clean ..	Not clean ..	Not all good	Poor
Dec. 2	Wilson Creek	Spring Green	Yes	Yes	Good	Good	Not clean ..	Good	Good
Dec. 5	Clower Hill	Plain	Yes	Yes	Good	Good	Clean	Good	Good
Dec. 5	Pleasant Valley	Plain	Yes	Yes	Good	Good	Clean	Good	Good
Dec. 5	Poplar Grove	Plain	Yes	Yes	Bad	Good	Clean	Good	Good
Dec. 5	White Mounds	White Mounds	Yes	No	Bad	Good	Not clean ..	Good	Poor
Dec. 5	Cedar Grove	Plain	Yes	No	Good	Good	Clean	Good	Good
Dec. 5	Oak Leaf	Spring Green	Yes	No	Poor	Good	Clean	Good	Good
Dec. 5	Big Hollow	Spring Green	Yes	No	Good	Good	Clean	Good	Good
Dec. 6	Sunny Hill	Baraboo .....	.....	.....	.....	.....	.....	.....	.....
Dec. 5	Cody's Corners	Spring Green .....	.....	.....	.....	.....	.....	.....	.....
Dec. 20	Grove	Spring Green .....	.....	.....	.....	.....	.....	.....	.....

SHAWANO CO

Aug. 2	Briarton	Briarton	Yes	Yes	Good	Good	Clean	Good	Good
Aug. 8	Miller	Rose Lawn, R. 2.	Yes	Yes	Poor	Not all clean	Clean	Good	Poor
Aug. 21	Angelica	Angelica, R. 1.	Yes	No	Poor	Good	Passable	Good	Poor
Aug. 22	Pulaski	Pulaski	Yes	No	None	Clean	Not clean	Good	Good
Sept. 1	Lasch	Shawano, R. 3.	Yes	No	None	Clean	Passable	Good	Good
Oct. 11	Landslad	Bonduel, R. 1.	Yes	No	None	Clean	Clean	Good	Good
Oct. 11	Lyons & Frazer	Frazer	Yes	No	None	Clean	Clean	Good	Good
Oct. 11	Town Line Co-op.	Rose Lawn, R. 1.	Yes	No	None	Clean	Clean	Good	Good
Oct. 11	Hofa Park	Hofa Park	Yes	No	None	Clean	Passable	Not clean	Good
Oct. 11	Laney	Laney	Yes	No	None	Not clean	Not clean	Not all clean	Good
Oct. 24	Lasch	Shawano, R. 3.	Yes	No	Passable	Good	Passable	Good	Good
Oct. 24	Grass Lake Dairy Co.	Belle Plain	No	No	None	Good	Not clean	Good	Clean
Oct. 24	Wolf River	Embarrass, R. 1.	No	No	None	Not all clean	Clean	Good	Good
Oct. 24	Tomashek	Shawano, R. 1.	Yes	No	None	Not all clean	Not clean	Good	Good
Oct. 24	Wolf River	Clintonville, R. 3.	Yes	No	None	Clean	Not clean	Good	Poor
Oct. 24	Lund	Shawano, R. 1.	Yes	No	None	Good	Not clean	Good	Good
Oct. 25	Gippesfield	Bonduel, R. 2.	Yes	No	None	Good	Passable	Some uncl'n	Good
Oct. 25	Hoefs	Bonduel, R. 2.	Yes	No	None	Not all clean	Clean	Good	Poor
Oct. 25	Gauschow	Bonduel, R. 1.	No	No	Good	Good	Clean	Good	Good
Oct. 25	McVay	Bonduel, R. 1.	No	No	Passable	Good	Poor	Some rusty	Good
Oct. 25	Tothill	Bonduel, R. 2.	Yes	No	Good	Good	Clean	Good	Good
Oct. 25	Highland	Bonduel, R. 2.	Yes	Yes	None	Good	Clean	Good	Good
Oct. 26	Krakon	Bonduel, R. 3.	Yes	No	None	Good	Not clean	Good	Passable
Oct. 26	Brandel	Sobeski, R. 1.	Yes	Yes	None	Not clean	Not clean	Good	Not clean
Oct. 26	Nichols	Sobeski	Yes	No	None	Not clean	Not clean	Good	Good
Oct. 26	Advance	Angelico	Yes	No	Good	Not all clean	Not clean	Good	Good
Oct. 26	Bruncels	Advance	Yes	No	None	Not all clean	Not clean	Good	Passable
Oct. 26	Tracy Corners	Cecil, R. 1.	Yes	No	None	Clean	Not clean	Good	Passable
Oct. 26	Mills	Cecil, R. 1.	Yes	Yes	None	Clean	Clean	Good	Good
Oct. 26	Thiede	Cecil, R. 1.	Yes	Yes	None	Clean	Not clean	Good	Poor
Oct. 27	Matzke	Bonduel, R. 3.	Yes	No	None	Clean	Clean	Good	Good
Oct. 27	Fredrick	Underhill	Yes	Yes	None	Clean	Passable	Good	Good
Oct. 27	Green Valley	Bonduel, R. 3.	No	No	None	Not all clean	Passable	Good	Good
Oct. 28	P. & Belle Plain	Underhill, R. 1.	Yes	No	None	Clean	Not clean	Good	Passable
Oct. 28	Mill Creek	Clintonville, R. 3.	Yes	Yes	Good	Clean	Not clean	Good	Good
Oct. 28	Dillonburg	Shawano, R. 3.	Yes	No	None	Clean	Not clean	Good	Good
Oct. 31	Red River	Shawano, R. 3.	No	No	None	Not all clean	Bad	Some rusty	Good
Oct. 31	Gresham	Shawano, R. 2.	Yes	No	None	Clean	Not clean	Clean	Passable
Oct. 13	Biblehausen	Gresham	Yes	Yes	None	Clean	Clean	Clean	Good
Nov. 1	Harmsansport	Shawano	Yes	No	None	Clean	Not clean	Clean	Poor
Nov. 1	Belle Plain & Richmond	Shawano, R. 2.	Yes	No	None	Clean	Clean	Clean	Clean
Nov. 1	Belle Plain & Richmond	Shawano, R. 3.	Yes	No	Poor	Good	Not clean	Clean	Good

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
SHAWANO CO.									
1905. Nov. 1	Richmond B. & C. Co.	Shawano, R. 3.	Yes	No	None	Not all clean	Not clean	Clean	Good
Nov. 1	Leopolis	Leopolis	Yes	No	None	Clean	Clean	Clean	Good
Nov. 2	Stempler	Leopolis	Yes	No	None	Clean	Not clean	Clean	Good
Nov. 2	Caroline	Caroline	Yes	Yes	None	Clean	Passable	Clean	Good
Nov. 2	Lella	Marion	Yes	Yes	None	Clean	Passable	Clean	Good
Nov. 2	Star	Marion, R.	Yes	Yes	Poor	Clean	Clean	Clean	Clean
Nov. 3	Norway D. Ass'n	Tigerton	Yes	No	None	Not clean	Bad	Clean	Passable
Nov. 3	Regina	Regina	Closed temp.	Closed temp.	None	Clean	Passable		Good
Nov. 3	Split Rock	Split Rock	Yes	No	Poor	Good	Good	Clean	Good
Nov. 4	Burnamwood	Birnamwood	Yes	No	Good	Not all clean	Clean	Clean	Good
Nov. 4	Knoke	Birnamwood	Yes	No	Good	Not clean	Passable	Clean	Good
Oct. 13	Briarton	Leeman, R. 31	Yes	Yes	None	Clean	Passable	Clean	Good
SHEBOYGAN CO.									
July 20	Moehrl	Random Lake, R.17	No	No	Passable	Good	Passable	Clean	Poor
July 20	Strauss	Random Lake, R.17	Yes	No	None	Good	Poor	Some rusty.	Poor
July 20	Aupperle	Kewaskum, R. 1.	Yes	No	Good	Good	Passable	Good	Good
July 21	Batavia	Random Lake, R.18	Yes	No	Good	Good	Bad	Good	Poor
July 21	Becker	Random Lake, R.17	Yes	No	None	Good	Not clean	Good	Passable
July 21	Gooseville	Random Lake, R.18	Yes	No	None	Good	Not clean	Good	Passable
July 27	Rach	Random Lake	Yes	No	None	Good	Passable	Good	Passable
July 27	Spieker	Random Lake	Yes	No	None	Not clean	Not clean	Good	Good
July 21	Wetor	Random Lake	Yes	No	Good	Good	Not clean	Good	Good
July 22	Bichlor	Random Lake	Yes	Yes	None	Good	Not clean	Some rusty.	Good
July 22	Graven	Cedar Grove	Yes	No	None	Good	Bad	Good	Passable
July 22	Kleinhesselink	Cedar Grove	No	No	None	Not clean	Bad	Good	Poor
July 22	Van De Wall	Cedar Grove	Yes	No	None	Not all clean	Not clean	Good	Good
July 22	Union Corners	Oostburg	Yes	Yes	Good	Clean	Passable	Good	Good
July 22	Lammers	Cedar Grove, R. 14	Yes	No	None	Not all clean	Passable	Good	Good
July 24	Helmer	Cascade	Yes	No	None	Not all clean	Bad	Good	Good
July 24	Cascade	Cascade	Yes	No	Good	Not all clean	Passable	Good	Good
July 24	Goehring	Cascade	Yes	No	None	Not all clean	Not clean	Not all good	Good

July 24	Hirsig	Waucosta, R. 34	Yes	No	None	Clean	Not clean	Not clean	Good	Good
July 24	Mayer	Cascade	Yes	No	None	Not clean	Not clean	Good	Good	Good
July 24	Flunker	Cascade, R. 20	Yes	No	None	Not all clean	Bad	Not all good	Good	Good
July 25	Mechelke Bros.	Waldo	Yes	No	None	Good	Bad	Not all good	Good	Good
July 25	Bates	Waldo	Yes	No	None	Not all clean	Bad	Not all good	Good	Good
July 25	Kohl	Waldo	Yes	No	None	Not all clean	Bad	Not all good	Good	Good
July 25	Onion River	Waldo	Yes	No	Good	Not all clean	Not clean	Some bad	Passable	Passable
July 25	Waldo	Waldo	Yes	No	None	Good	Passable	Good	Good	Passable
July 26	Adell	Adell	Yes	No	Passable	Good	Not clean	Good	Good	Passable
July 26	Hingham	Hingham	Yes	Yes	Good	Good	Good	Some rusty	Good	Good
July 26	Ramverdink	Oostburg	No	No	None	Passable	Passable	Some rusty	Passable	Passable
July 26	Gibbsville	Gibbsville	Yes	Yes	None	Good	Not clean	Good	Good	Good
July 26	Corbett	Plymouth, R. 24	Yes	No	None	Not clean	Passable	Good	Not clean	Not clean
July 26	Te Hennepe	Waldo, R. 23	Yes	Yes	None	Not all clean	Passable	Good	Bad	Bad
July 27	Ehrlich	Sh'b'gan Falls, R.10	Yes	No	None	Not all clean	Passable	Good	Passable	Passable
July 27	Fenner	Sheboygan Falls	Yes	No	Good	Not all clean	Passable	Good	Good	Good
July 27	Schulte	Plymouth, R. 24	Yes	No	None	Passable	Good	Good	Good	Good
July 27	Harmon	Plymouth, R. 24	Yes	No	None	Passable	Passable	Good	Good	Good
July 28	Lensink	Oostburg	No	No	None	Passable	Bad	Good	Good	Passable
July 28	No. Cedar Grove	Oostburg, R. 13	No	No	Passable	Good	Not clean	Good	Passable	Passable
July 28	Kleinheessink	Cedar Grove	No	No	None	Not clean	Bad	Good	Good	Not clean
July 28	Koskamp Bros.	Oostburg	No	No	None	Clean	Good	Good	Good	Passable
July 28	Oostburg	Oostburg	No	No	None	Not clean	Bad	Good	Good	Not clean
July 25	Lensink	Oostburg	No	No	None	Passable	Passable	Good	Good	Passable
July 28	Gartman	Sheboygan, R. 5	Yes	Yes	None	Passable	Clean	Good	Good	Passable
July 28	Verhulst	Oostburg	No	No	None	Passable	Passable	Good	Good	Good
July 29	Grotenhuis	Cedar Grove	No	No	None	Not all clean	Bad	Good	Good	Passable
July 29	Cedar Grove	Cedar Grove	Yes	No	None	Not all clean	Passable	Good	Good	Passable
Aug. 1	Weedens	Sheboygan, R. 4	Yes	Yes	None	Good	Passable	Good	Good	Good
Aug. 1	Six Corners	Sheboygan, R. 4	Yes	No	Passable	Passable	Passable	Few poor	Passable	Passable
Aug. 1	Kunz & Co.	Sheboygan, R. 5	Yes	Yes	None	Passable	Poor	Clean	Clean	Passable
Aug. 2	Piper	Cascade, R. 21	Yes	No	None	Not all clean	Not clean	Clean	Clean	Poor
Aug. 2	Pins	Cascade, R. 21	Yes	No	None	Not clean	Bad	Good	Good	Passable
Aug. 2	Rathbun	Plymouth, R. 26	Yes	No	None	Good	Not clean	Good	Good	Passable
Aug. 2	South Prarie	Plymouth, R. 26	Yes	No	None	Not all clean	Passable	Good	Good	Not clean
Aug. 2	Spring	Plymouth, R. 27	Yes	No	None	Good	Passable	Some rusty	Good	Good
Aug. 3	Chaplin	Plymouth, R. 25	Yes	No	None	Good	Passable	Good	Good	Good
Aug. 3	Spring Farm	Plymouth, R. 25	Yes	No	None	Good	Not clean	Good	Good	Passable
Aug. 3	Zehm	Plymouth, R. 26	Yes	No	None	Not all clean	Good	Good	Good	Good
Aug. 3	Rohde	Plymouth, R. 26	No	No	None	Passable	Poor	Good	Good	Poor
Aug. 3	Luethy	Plymouth, R. 27	Yes	No	None	Good	Passable	Some rusty	Good	Good
Aug. 3	Greenbush	Greenbush	Yes	No	Bad	Not all clean	Passable	Good	Good	Good
Aug. 3	Union	Glenbulah	Yes	No	None	Not all clean	Bad	Good	Good	Passable
Aug. 3	Webb	Glenbulah, R. 31	Yes	No	None	Passable	Bad	Good	Good	Not clean
Aug. 3	Hulls Crossing	Glenbulah, R. 31	Yes	Yes	Passable	Not all clean	Passable	Good	Good	Good

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
SHEBOYGAN CO.									
1905.									
Aug. 4	Edgewood	Glenbulah	No	No	None	Good	Not clean	Good	Not clean
Aug. 4	Valley	Plymouth, R. 27	Yes	No	None	Good	Passable	Good	Passable
Aug. 4	Reis	Plymouth, R. 28	Yes	No	None	Good	Passable	Good	Good
Aug. 4	Termaat	Sh'b'gan F'ls, R. 8	Yes	No	None	Not all clean	Passable	Good	Bad
Aug. 4	Peters	Sh'b'gan F'ls, R. 9	Yes	Yes	Good	Good	Good	Good	Passable
Aug. 4	Luecke	Plymouth	Yes	No	Passable	Not all clean	Bad	Good	Good
Aug. 5	Damrow	Sh'b'gan F'ls, R. 7	Yes	No	Poor	Good	Passable	Good	Good
Aug. 5	Widder	Sh'b'gan F'ls, R. 2	Yes	No	Poor	Not all clean	Passable	Good	Good
Aug. 5	Erdman	Sh'b'gan F'ls, R. 2	Yes	No	Passable	Good	Not clean	Good	Passable
Aug. 5	Kohl	Sh'b'gan F'ls, R. 7	Yes	No	Passable	Good	Bad	Good	Not clean
Aug. 5	Benchel	Sh'b'gan F'ls, R. 1	Yes	No	None	Passable	Bad	Good	Not clean
Aug. 7	Streube	Plymouth, R. 28	Yes	No	None	Good	Bad	Good	Not clean
Aug. 7	Maple Grove	Plymouth, R. 29	Yes	No	Good	Good	Good	Good	Good
Aug. 7	Hafschild	Plymouth, R. 29	Yes	No	None	Passable	Passable	Good	Good
Aug. 7	Otter Creek	Plymouth, R. 29	Yes	No	Good	Good	Good	Good	Good
Aug. 7	Streblov	Sh'b'gan F'ls, R. 29	Yes	No	None	Good	Not clean	Good	Good
Aug. 8	Beck	Sh'b'gan F'ls, R. 7	Yes	No	Poor	Good	Good	Good	Good
Aug. 8	Erbstoezer	Sh'b'gan F'ls, R. 2	Yes	No	Good	Good	Good	Some rusty	Good
Aug. 8	Harms	Sh'b'gan F'ls, R. 1	Yes	No	None	Good	Good	Good	Good
Aug. 8	Schrieber	Sheboygan, R. 1	Yes	No	None	Passable	Passable	Good	Good
Aug. 8	Cleveland Cy. Co.	Haven, R. 6	Yes	No	None	Not all clean	Not clean	Good	Passable
Aug. 8	Weiskopf	Cleveland, R. 1	Yes	No	Poor	Good	Not clean	Not all good	Good
Aug. 8	Cleveland Cy. Co.	Cleveland, R. 6	Yes	No	None	Good	Not clean	Good	Good
Aug. 8	Kalk	Haven, R. 6	Yes	No	None	Good	Good	Some rusty	Good
Aug. 8	Voigt	Sheboygan, R. 2	Yes	No	None	Not all clean	Not clean	Some poor	Passable
Aug. 9	Schreiber, No. 2	Sh'b'gan F'ls, R. 7	Yes	No	Good	Good	Good	Good	Good
Aug. 9	Lindow	Sh'b'gan F'ls, R. 2	Yes	No	None	Not all clean	Passable	Good	Passable
Aug. 9	Bodenstab	Sh'b'gan F'ls, R. 7	Yes	No	None	Good	Passable	Good	Good
Aug. 9	Reincking	Plymouth, R. 29	Yes	No	Poor	Good	Good	Good	Good
Aug. 9	Franklin	Franklin	Yes	No	Poor	Good	Good	Good	Good
Aug. 9	Rehm	Plymouth, R. 29	No	No	None	Not all clean	Passable	Good	Good
Aug. 9	Meis	Sh'b'gan F'ls, R. 8	Yes	No	None	Not all clean	Not clean	Good	Passable
Aug. 9	Mueller	Sh'b'gan F'ls, R. 8	No	Yes	None	Not all clean	Bad	Good	Passable
Aug. 9	Dassow	Sh'b'gan F'ls, R. 8	Yes	No	Good	Not all clean	Passable	Good	Passable
					Good	Good	Good	Good	Good

Aug. 11 Schmal	Elkhart, R. 33	Yes	Yes	None	Not all clean	Not clean	Good	Not clean
Aug. 11 Rhine Center	Elkhart, R. 33	Yes	No	Good	Good	Good	Good	Good
Aug. 11 Riverside	Elkhart, R. 34	Yes	No	Good	Good	Good	Good	Good
Aug. 11 Ada	Elkhart, R. 34	Yes	No	Poor	Good	Passable	Some poor	Good
Aug. 11 Spindler	Elkhart, R. 34	No	No	None	Not all clean	Not clean	Good	Not clean
Aug. 11 L. Zimmerman	Haven, R. 6	Yes	No	None	Passable	Good	Good	Passable
Aug. 11 W. Zimmerman	Haven, R. 6	Yes	No	Bad	Not all clean	Good	Good	Good
Aug. 11 Reiss	Elkhart, R. 34	Yes	Yes	None	Good	Good	Good	Passable
Aug. 12 Konz	Elkhart, R. 32	Yes	Yes	None	Not clean	Good	Good	Good
Aug. 17 Reiss	Elkhart, R. 32	Yes	No	None	Good	Good	Good	Passable
July 13 J. B. Huenink	Cedar Grove	No	No	Poor	Clean	Good	Good	Passable
July 13 Grotenhuis	Cedar Grove	No	No	Poor	Passable	Good	Good	Good
Sept. 26 Oostburg	Oostburg	No	No	Bad	Not clean	Not clean	Good	Not clean
Sept. 26 Town Line	Cedar Grove	No	No	None	Not clean	Not clean	Good	Not clean
Sept. 26 Klienheslink	Cedar Grove, R. 14	No	No	None	Not clean	Passable	Good	Not clean
Sept. 27 Corbett	Sh'b'gan F'lls, R. 4	Yes	No	Poor	Not clean	Not clean	Good	Not clean
Sept. 27 Onion River	Waldo	No	No	None	Not clean	Not clean	Good	Not clean
Sept. 27 Te Henepee	Waldo, R. 23	No	No	None	Not clean	Not clean	Good	Not clean
Sept. 28 So. Prairie	Plymouth, R. 26	No	No	None	Not clean	Not clean	Good	Not clean
Sept. 28 Greenbush	Greenbush	No	No	Bad	Not clean	Not clean	Some uncl'n	Not clean
Sept. 28 Pius	Cascade, R. 21	No	No	None	Not clean	Not clean	Good	Not clean
Sept. 28 Piper	Cascade, R. 1	No	No	Poor	Not clean	Not clean	Good	Not clean
Sept. 28 Silver Creek	Random Lake, R. 17	No	No	Bad	Not clean	Not clean	Good	Not clean
Oct. 28 Te Henepee	Waldo, R. 23	No	No	None	Not clean	Not clean	Good	Good
SAWYER CO.								
Dec. 14 Pioneer	Hayward	Yes	No	Passable	Clean	Good	Good	Passable
TAYLOR CO.								
Nov. 10 Laabs	Medford, R. 2	Yes	No	Bad	Clean	Not clean	Good	Good
Rib Lake	Medford							
Whitlesey	Medford, R. 4							
Browning	Medford, R. 1							
Little Black	Curtiss							
TREMPEALEAU CO.								
Nov. 2 Pigeon C. Ass'n	Pigeon Falls	Yes	No	None	Good	Poor	Good	Passable
Nov. 28 Chimney Rock	Independence	Closed temp.	Closed temp.					
Nov. 28 Russell	Independence	Closed temp.	Closed temp.					

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
VERNON CO.									
1905.									
Oct. 18	La Farge	La Farge	Yes	No	Good	Good	Good	Good	Good
Oct. 18	Manning	Reedstown	Yes	No	Poor	Not all clean	Passable	Good	Poor
Oct. 18	Liberty	Viola, R. 3	Yes	No	Poor	Good	Good	Good	Good
Aug. 18	Ross	Viola, R. 3	Yes	No	Good	Good	Good	Good	Good
Aug. 18	Purdy	Viroqua, R. 2	Yes	No	Poor	Good	Good	Good	Good
Aug. 20	Lepke	Chaseburg			Passable	Good	Good	Good	Poor
Aug. 24	Green Creek	Yuba, R. 1	Yes	No	Poor	Good	Good	Good	Good
Aug. 24	Wood	Wood	Yes	No	Poor	Good	Good	Good	Good
Aug. 21	Dabello	Hillsboro, R. 1	Yes	No	Poor	Good	Good	Good	Good
Aug. 4	Green Creek	Yuba, R. 1	Yes	No	Poor	Good	Passable	Good	Good
Aug. 4	Wood	Wood, R. 1	Yes	No	Poor	Good	Good	Good	Good
Aug. 4	Greenwood	Hillsboro, R. 2	Yes	No	Bad	Not clean	Clean		Not clean
					Bad	Not all clean	Clean	Good	Not clean
WASHINGTON CO.									
July 7	Wayne & Addison	Allenton, R. 1	No	No	Poor	Good	Not clean	Not all clean	Good
July 8	Erin	Hartford, R. 1	No	No	Poor	Good	Clean	Some rusty	Good
July 27	Hamm	Kohlsville	No	Yes	Good	Good	Clean	Good	Good
Aug. 2	Orchard Grove	Barton	Yes	No	None	Passable	Poor	Good	Poor
Aug. 2	Boltonville	Boltonville	No	No	Good	Not all clean	Poor	Good	Poor
Aug. 2	Weinrich	Fillmore	No	Yes	None	Clean	Good	Good	Poor
Aug. 2	Jaehrig	Fillmore	Yes	Yes	Passable	Good	Good	Some rusty	Poor
Aug. 2	Cheeseville	Barton	Yes	Yes	Poor	Passable	Poor	Good	Passable
Aug. 2	Newburgh	West Bend, R. 2	Yes	Yes	None	Passable	Poor	Good	Good
Aug. 3	Myra	Newburgh	Yes	No	Poor	Good	Poor	Good	Passable
Aug. 3	North Trenton	West Bend, R. 2	No	No	None	Good	Bad	Good	Good
Aug. 3	Riverside	Barton	Yes	Yes	Passable	Passable	Passable	Good	Passable
Aug. 4	Joeckel	Jackson, R. 1	Yes	Yes	Passable	Good	Poor	Good	Good
Aug. 4	Showwalter	Jackson, R. 1	No	No	Poor	Passable	Poor	Good	Poor
Aug. 4	Jackson B. & C. Co.	Jackson	Yes	No	Good	Good		Good	Good
Aug. 4	J. Joeckel	Jackson	No	Yes	None	Not all clean	Poor	Good	Good
Aug. 4	Franks	Cedarburg	No	No	Poor	Passable	Passable	Some rusty	Passable

Aug. 4	Farmers D. Ass'n.	West Bend	Yes	Yes	Poor	Clean	Poor	Good	Poor
Aug. 4	Keowns	West Bend	Yes	No	Poor	Passable	Not clean	Good	Poor
Aug. 5	Nabol	West Bend	No	Yes	Good	Good	Good	Good	Good
Aug. 9	So. Star	Oconomowoc	No	No	Bad	Good	Not clean	Some poor	Good
Aug. 9	County Line	Nashotah, R. 22	No	No	Good	Good	Not clean	Good	Good
Aug. 9	Hibernian	Hartford, R. 5	No	No	Good	Good	Passable	Some rusty	Good
Aug. 9	Maple Hill	Hartford, R. 2	No	No	Good	Passable	Good	Some rusty	Good
Aug. 10	Pleasant Hill	Richfield, R. 2	No	No	Good	Good	Clean	Good	Good
Aug. 10	Serves	Hubertus	No	No	Good	Good	Poor	Good	Poor
Aug. 10	Thomas	Richfield	No	No	None	Good	Good	Good	Poor
Aug. 10	Richfield	Richfield	No	No	Poor	Good	Good	Good	Poor
Aug. 10	Mecker	Richfield	No	No	Good	Good	Not clean	Not clean	Not clean
Aug. 10	Hubertus	Hubertus	No	No	None	Good	Good	Some rusty	Passable
Aug. 10	Guth	Ackerville	Yes	Yes	Passable	Good	Good	Good	Good
Aug. 10	Zimmerman	Schleisingerville	No	No	Poor	Good	Passable	Good	Passable
Aug. 11	West Side	Hartford, R. 4	No	No	Good	Good	Clean	Good	Good
Aug. 12	Lake Five	Colgate, R. 1	No	No	Passable	Good	Good	Some uncl'n	Good
Aug. 13	Kopp	West Bend	Yes	No	None	Passable	Not clean	Some poor	Good
Aug. 16	Schleisingerville	Schleisingerville	No	No	Poor	Good	Poor	Poor	Good
Aug. 16	Cedar Lake	Schleisingerville	No	No	Poor	Good	Bad	Some rusty	Good
Aug. 16	Hartford B. & C.	Hartford	No	No	Passable	Good	Clean	Good	Good
Aug. 13	Wayne	Wayne	No	No	None	Good	Passable	Good	Good
Aug. 18	Foote	Kewaskum	No	No	None	Passable	Poor	Some rusty	Poor
Oct. 13	Little Cedar Lake	Schleisingerville	No	No	Passable	Good	Passable	Good	Passable
Oct. 13	Schnbert	Schleisingerville	No	No	Passable	Good	Not clean	Good	Good
Nov. 17	Mertz	Random Lake	No	No	None	Passable	Not clean	Some poor	Poor
Nov. 17	St. Lawrence	St. Lawrence	No	No	Poor	Passable	Clean	Good	Poor
May 31	Wayne & Addison	Allenton, R. 1	No	No	Poor	Good	Not clean	Some poor	Good
Aug. 9	Erin	Hartford, k. 1	No	Yes	Poor	Good	Clean	Good	Good
WAUKESHA CO.									
Aug. 11	Templeton	Templeton	Yes	No	Poor	Good	Not clean	Good	Good
Aug. 11	Mapleton	Oconomowoc, R. 25	No	No	Good	Good	Clean	Some uncl'n	Good
Aug. 16	Brown Street	Oconomowoc	No	No	Passable	Good	Clean	Good	Good
Aug. 12	Colgate	Colgate	No	No	Poor	Good	Passable	Good	Good
Sept. 7	Mapleton	Oconomowoc	No	No	Good	Good	Good	Good	Good
WAUSHARA CO.									
Nov. 9	Burr Oak	Berlin	Yes	No	Poor	Good	Poor	Good	Good
Nov. 9	Marion	Berlin	Yes	Yes	Good	Good	Good	Good	Good
Nov. 7	Winter	Trustin	Yes	No	Passable	Passable	Passable	Good	Passable
Nov. 7	West Bloomfield	West Bloomfield	No	No	Poor	Poor	Passable	Passable	Poor
Nov. 7	Spring Rose B. & C.	Wild Rose	No	Yes	Good	Good	Good	Good	Good

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
1905.									
WAUPACA CO.									
July 28	Wolfraht	New London	Yes	No	Poor	Good	Poor	Good	Good
July 28	Fountain Valley Co-op.	Clintonville, R. 3.	Yes	Yes	None	Poor	Poor	Good	Good
July 26	Larrabe	Clintonville, R. 3.	No	No	Good	Good	Clean	Good	Good
July 28	Embarrass Silver Star	Embarrass	Yes	No	Good	Good	Not clean	Good	Good
Sept. 11	Reedfield	Readfield	Yes	Yes	None	Good	Not clean	Good	Good
Sept. 11	Van Epe	Fremont	Yes	No	None	Good	Not clean	Good	Good
Sept. 11	Caledonia	New London, R. 2.	Yes	No	None	Good	Not clean	Good	Good
Sept. 11	Maple Grove C. & B. Co.	Embarrass	Yes	No	Passable	Good	Not clean	Good	Good
Nov. 11	Sunnycrest	Clintonville, R. 3.	No	No	None	Passable	Poor	Good	Poor
Nov. 11	Red Star	Clintonville, R. 3.	Yes	No	None	Clean	Not clean	Good	Good
Nov. 11	Krueger	Clintonville, R. 2.	Yes	No	None	Passable	Not clean	Good	Good
Nov. 17	Mayhew	Clintonville	Yes	Yes	None	Good	Not clean	Good	Good
Nov. 17	Mossholder Bros.	Marion	Yes	Yes	Poor	Good	Clean	Good	Good
Nov. 17	Dupont	Marion, R. 3.	Yes	Yes	None	Clean	Passable	Some rusty.	Good
Nov. 15	Nicholson	Manawa, R. 2.	Yes	Yes	Poor	Passable	Not clean	Some rusty.	Good
Nov. 18	Enterprise	Welcome, R. 40.	Yes	Yes	Good	Good	Good	Good	Good
Nov. 18	Clover Leaf	Clintonville, R. 1.	Yes	No	None	Good	Bad	Good	Good
Nov. 18	Poppie Valey	Clintonville, R. 1.	Yes	Yes	None	Passable	Passable	Good	Poor
Nov. 18	Willow Hill Co-op.	Clintonville, R. 1.	Yes	Yes	None	Clean	Passable	Good	Good
Nov. 18	Yehren	Clintonville, R. 1.	Yes	Yes	None	Clean	Not clean	Good	Good
Nov. 17	Pigeon River	Marion, R. 3.	Yes	No	Poor	Clean	Passable	Good	Good
Nov. 17	Shaw Creek	Marion, R. 1.	Yes	Yes	Good	Clean	Clean	Good	Good
Nov. 21	Elmer	Manawa	Yes	Yes	Good	Clean	Clean	Good	Good
Nov. 21	White Clover	Manawa, R. 2.	Yes	No	Poor	Clean	Clean	Good	Good
Nov. 23	Lind	Waupaca, R. 3.	No	No	None	Not clean	Passable	Good	Good
Nov. 24	Evanswood	Weyauwega	Yes	No	None	Not clean	Bad	Good	Not clean
Nov. 25	Stange	Weyauwega, R. 4.	Yes	No	None	Good	Passable	Good	Good
			Yes	Yes	Good	Good	Passable	Good	Good

WINNEBAGO CO.									
Nov. 8	Wolf Hill	Fremont, R. 17.	Yes	Yes	Good	Good	Good	Good	Good
Nov. 8	Boyson	Fremont, R. 17.	Yes	Yes	Passable	Good	Passable	Good	Good
Nov. 10	Alder Creek	Fremont, R. 17.	Yes	No	Good	Good	Good	Good	Good
Nov. 10	Zion	Omro, R. 25.	No	No	None	Good	Not clean	Good	Passable
Nov. 10	Nekimi	Picketts, R. 28.	Closed temp.	Closed temp.					
Nov. 11	Scheller	Oshkosh, R. 2.	No	No	Passable	Good			Passable
Nov. 11	Black Wolf	Oshkosh, R. 1.	Yes	No	Good	Good	Not clean	Good	Passable
Nov. 11	Zellmer	Oshkosh, R. 1.	Closed temp.	Closed temp.					
Nov. 13	Germania	Neenah, R. 9.	Yes	Yes	Good	Good	Not clean	Good	Passable
Nov. 13	Manley	Neenah	Yes	No	None	Good	Not clean	Good	Not clean
Nov. 13	Hanter	Neenah, R. 9.	No	Yes	Poor	Good	Good	Good	Not clean
Nov. 13	Renhard	Allenville	No	No	Good	Good	Good	Good	Good
Nov. 13	Zehnder	Winneconne							
Nov. 13	Schneider	Winneconne	No	No	Bad	Good	Good	Good	Good
Nov. 14	Lake View	Winneconne, R. 19.	Yes	No	Good	Good	Not clean	Good	Good
Nov. 14	Oak Grove	Larson, R. 15.	Yes	No	Poor	Not all clean	Not clean	Good	Passable
Nov. 14	Peerless	Larson, R. 15.	Yes	No	Poor	Not all clean	Not clean	Not all good	Passable
Nov. 14	Bay Boom	Larson, R. 15.	Yes	No	Bad	Not all clean	Poor	Good	Good
Nov. 14	Pribbenow	Fremont, R. 16.	No	No	Poor	Good	Not clean	Good	Passable
Nov. 14	Union Star	Fremont, R. 16.	Yes	No	Good	Not clean	Bad	Good	Good
Nov. 14	Schnyder	Dale, R. 18.	No	No	Poor	Good	Bad	Passable	Passable
Nov. 14	Drews	Larson, R. 14.	No	No	Poor	Not all clean	Not clean	Good	Passable
Nov. 15	Snell	Neenah, R. 8.	Yes	Yes	Poor	Clean	Good	Good	Not clean
Nov. 15	Faber	Neenah, R. 9.	No	No	None	Clean	Good	Not all good	Passable
Nov. 15	Ilde	Neenah, R. 10.	Yes	No	None	Clean	Not clean	Good	Passable
Nov. 15	Clover Leaf	Neenah, R. 11.	Yes	Yes	None	Not all clean	Passable	Good	Passable
Nov. 15	Cold Spring	Neenah, R. 11.	Yes	Yes	Good	Good	Passable	Good	Not clean
Nov. 15	Boss	Oshkosh, R. 7.	Yes	Yes	Passable	Good	Good	Good	Good
Nov. 16	Perrin	Oshkosh, R. 6.	No	No	None	Good	Bad	Good	Not clean
Nov. 16	Chris Boss	Oshkosh, R. 6.	Yes	No	Good	Good	Bad	Good	Not clean
Nov. 16	Reutler	Butte des Morts.	No	No	None	Good	Good	Good	Not clean
Nov. 16	Grimm	Allenville	No	No	Poor	Good	Good	Good	Good
Nov. 16	Vinland Cheese Association	Allenville, R. 18.	Yes	No	None	Good	Good	Some poor.	Passable
Nov. 18	Schneider	Allenville, R. 18.	Yes	No	Poor	Good	Good	Some rusty.	Passable
Nov. 18	H. Ahrndt	Larson, R. 13.	Yes	No	None	Good	Not clean	Some rusty.	Good
Nov. 18	Mikesville	Allenville, R. 18.	Yes		Passable	Good	Not clean	Some poor.	Good
Nov. 18	Hough	Winneconne, R.	No	No	Good	Good	Bad	Good	Not clean
Nov. 20	Kuettel	Oshkosh, R. 7.			Bad		Not clean		Not clean

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
WOOD CO.									
1905.									
Oct. 26	Rudolph	Grand Rapids, R. 4	Yes	Yes	Poor	Good	Good	Good	Good
Oct. 26	Vesper	Vesper	Yes	No	Good	Good	Passable	Good	Good
Oct. 28	Progress	Progress	Closed temp.	Closed temp.					Good
Oct. 30	Hewitt	Hewitt	Yes	No	Good	Good	Passable	Good	Good
Oct. 31	Yellow River	Marshfield, R. 1	Yes	Yes	Good	Good	Good	Good	Good
Oct. 31	Bakerville	Marshfield, R. 1	Yes	Yes	Good	Good	Passable	Good	Good
Oct. 31	Fields	Arpin						Good	Good
Nov. 1	Nasonville	Marshfield	Yes	Yes	Good	Good	Passable	Good	Good
Nov. 1	Dexheimer	Marshfield, R. 3	Closed temp.	Closed temp.				Good	Good
Nov. 1	West Side	Marshfield, R. 3	Yes	Yes	Poor	Good	Passable	Good	Good
Nov. 2	Marshfield	Marshfield	Yes	Yes	Good	Good	Good	Good	Good
Nov. 2	Berdau	Auburndale	Yes	No	Bad	Good	Good	Good	Good
Nov. 3	Brookside	Auburndale, R. 2	Yes	No	Poor	Good	Poor	Good	Good
Nov. 4	Seedel	Blenker	Yes	No	Bad	Good	Passable	Good	Good
Nov. 4	Milladore	Milladore	Yes	No	Good	Good	Bad	Good	Poor
							Good	Good	Poor

MISCELLANEOUS—CHEESE FACTORY INSPECTION.

1904.									
July 1	Missling	Black Creek, R. 34	No	No	Bad	Passable	Not clean		Poor
July 1	Koehler	Black Creek, R. 34	Yes	Yes	Poor	Good	Clean	Clean	Good
July 1	Hillside Valley	Elkhart Lake, R. 34	No	No	Poor	Good	Clean	Clean	Poor
July 3	Stauffacher	Monticello	No	No	None	Clean	Clean	Clean	Poor
July 7	Belleville C. & D. Co.	Belleville	No	No	Good	Clean	Not clean	Not all good	Poor
July 7	Brooklyn	Brooklyn	No	No	Passable	Clean	Not clean	Passable	Passable
July 8	Cedar Grove	Plain, R. 1	Yes	No	Good	Clean	Not clean	Poor	Passable
July 9	Rhyner	Dayton	No	No	Poor	Clean	Clean	Good	Good
July 9	Freitag	Brooklyn	No	No	Good	Not clean	Not clean	Passable	Poor
July 9	Colburn	Colburn	Yes	Yes	Good	Clean	Not clean	Passable	Passable
July 11	Stetsonville	Stetsonville	Yes	No	Good	Clean	Clean	Clean	Good
							Clean	Clean	Good

July 11	Broughton	Albany, R. 2	No	No	Poor	Clean	Not clean	Poor	Good
July 11	Edmund	Albany, R. 2	No	No	Passable	Clean	Clean	Good	Good
July 12	Meyers	Monroe, R. 3	No	No	Good	Clean	Not clean	Passable	Poor
July 12	Little Black	Curtis	Yes	No	Good	Clean	Good	Good	Good
July 13	Johnson	Browtown	No	No	Passable	Clean	Passable	Good	Good
July 13	Basswood	Muscoda, R. 1	Yes	No	Good	Clean	Good	Good	Good
July 13	Union	Muscoda, R. 1	Yes	Yes	Bad	Clean	Clean	Good	Good
July 14	Murphy	So. Wayne	No	No	Bad	Clean	Poor	Not all good	Poor
July 14	Clover Hill	Plain	Yes	Yes	Good	Clean	Clean	Good	Good
July 14	Rothensbach	Ackerville	Yes	No	No	Clean	Clean	Good	Good
July 14	Zimmerman	Schleisingerville	No	No	Good	Clean	Clean	Good	Good
July 15	Log Cabin	Stitzer, R. 2	No	Yes	Good	Clean	Clean	Good	Good
July 15	Browtown	Browtown	Yes	No	Passable	Clean	Poor	Good	Good
July 16	Dill	Ramona	No	No	Good	Clean	Poor	Good	Good
July 13	Lund	Shawano, R. 1	Yes	No	None	Clean	Clean	Good	Good
July 13	Vossburg	Oshkosh	Yes	No	Bad	Passable	Clean	Good	Not clean
July 18	Five Corners	Monroe, R. 4	No	No	Poor	Not clean	Poor	Not clean	Bad
July 19	Highland	Iron Ridge	No	No	Passable	Clean	Good	Clean	Good
July 19	Cody	Spring Green	Yes	No	Passable	Clean	Good	Clean	Good
July 20	Pine River	Merrill, R. 2	Yes	No	Passable	Clean	Passable	Clean	Passable
July 21	Ronnrod	Gratiot	No	No	Bad	Clean	Poor	Not clean	Passable
July 22	Wiota	Wiota	No	No	Poor	Clean	Passable	Good	Poor
July 22	Sycon	Wiota	No	No	Good	Clean	Good	Good	Good
July 23	Trueman	Trueman	No	No	Bad	Not all clean	Bad	Not clean	Poor
July 25	Burr Oak	Mineral Point	No	No	Poor	Clean	Bad	Passable	Poor
July 26	Stecker	Colby, R. 2	Yes	No	Good	Clean	Good	Good	Good
July 27	Burr Oak	Dodgeville	No	No	Poor	Clean	Good	Not all clean	Passable
July 27	Leusouk	Oostburg	No	No	Passable	Passable	Bad	Good	Poor
July 28	Edgewood	Glenbeulah	No	No	None	Clean	Clean	Good	Poor
July 28	Fawn Valley	Rib Lake	No	No	Good	Clean	Clean	Passable	Good
July 28	Oostburg	Oostburg	No	No	None	Clean	Not clean	Clean	Poor
July 28	Wilson	Sheboygan, R. 5	Yes	No	None	Clean	Good	Clean	Passable
July 28	Star A Star	Muscoda	Yes	Yes	Poor	Passable	Not clean	Passable	Poor
July 29	Glenbeulah	Glenbeulah	Yes	Yes	Good	Clean	Clean	Good	Good
July 29	White Clover	Sh'b'gan F'ls, R. 8	Yes	Yes	Good	Clean	Clean	Good	Good
July 29	North Survey	Dodgeville	No	No	Good	Clean	Not clean	Good	Good
July 29	Cleveland	Cleveland	Yes	No	Good	Clean	Clean	Good	Good
July 30	Blatz	Dodgeville, R. 3	No	No	Passable	Passable	Not clean	Good	Poor
July 30	Potterton	Dodgeville, R. 3	No	No	Good	Clean	Poor	Good	Poor
July 30	Specht	Manitowoc	Yes	No	Bad	Clean	Clean	Good	Poor
Aug. 1	Scheiner	New Glarus	No	No	Poor	Passable	Not clean	Good	Poor
Aug. 2	Lasover	Browtown	No	No	Poor	Clean	Poor	Good	Poor
Aug. 2	Millhome	Millhome	Yes	No	None	Not all clean	Good	Good	Bad
Aug. 3	Ebling	Kiel	Yes	No	None	Good	Passable	Passable	Good
Aug. 4	May	Reedsburg	Yes	No	Bad	Clean	Clean	Good	Poor
					Good	Clean	Clean	Good	Poor

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
1904.									
Aug. 4	Divan	Browntown, R. 1.	No	No	Poor	Clean	Poor	Bad	Poor
Aug. 5	Egan	Gratiot	No	Yes	Passable	Clean	Poor	Good	Good
Aug. 6	Bahrhoffer	Monroe, R. 2.	No	No	Bad	Clean	Bad	Not clean	Bad
Aug. 8	Legler	Argyle	No	No	Passable	Clean	Bad	Not all clean	Passable
Aug. 9	Rib Falls	Marathon	Yes	Yes	Good	Clean	Poor	Good	Good
Aug. 9	Gilmanton Valley	Mondovi, R. 2.	Yes	Yes	Poor	Clean	Good	Good	Good
Aug. 9	Wenger	Argyle, R. 2.	No	No	Passable	Clean	Good	Not good	Good
Aug. 10	Nelson	New London, R. 25	Yes	No	Good	Clean	Bad	Clean	Good
Aug. 10	Carey	Argyle	No	No	Bad	Clean	Good	Not clean	Good
Aug. 10	Mullen	Argyle	No	No	Poor	Clean	Poor	Passable	Bad
Aug. 11	Liberty Corners	New London, R. 25	Yes	No	Good	Clean	Clean	Clean	Good
Aug. 11	Gopher Hill	Hortonville, R.	Yes	Yes	Bad	Clean	Passable	Clean	Good
Aug. 11	Woll	Argyle	No	No	Good	Clean	Passable	Clean	Good
Aug. 12	Star	Marion	Yes	Yes	Good	Clean	Passable	Clean	Good
Aug. 13	Klechner	Monroe	No	No	Bad	Clean	Good	Clean	Good
Aug. 16	Burnamwood	Burnamwood	Yes	No	Poor	Clean	Good	Clean	Poor
Aug. 16	Walnut Grove	Argyle, R. 1.	No	No	Poor	Clean	Good	Clean	Good
Aug. 18	Severtson	Dodgeville	No	No	Good	Clean	Bad	Not good	Poor
Aug. 19	Milladore	Milladore	Yes	Yes	Good	Clean	Good	Bad	Good
Aug. 19	Maple Grove	Mineral Point	No	No	Good	Clean	Good	Good	Good
Aug. 19	Sisson	Woodford, R.	No	No	Poor	Clean	Passable	Passable	Poor
Aug. 20	Mueller	Woodford, R. 1.	No	No	Good	Not clean	Poor	Not all clean	Poor
Aug. 20	River Bend	Argyle	No	No	Good	Clean	Poor	Good	Good
Aug. 22	Peter	New Glarus	No	No	Good	Clean	Poor	Good	Poor
Aug. 22	Stone Hill	Belleville, R. 50.	No	No	Poor	Clean	Poor	Not all good	Poor
Aug. 22	Town Hall	Belleville, R. 50.	No	No	Poor	Clean	Bad	Not all good	Poor
Aug. 22	Peerless	Belleville, R. 50.	No	No	Poor	Clean	Bad	Not all good	Poor
Aug. 23	Altman	New Glarus	No	No	Poor	Clean	Bad	Passable	Good
Aug. 23	Duerst	New Glarus	No	No	Poor	Clean	Bad	Passable	Poor
Aug. 23	Mueller Hollow	Mt. Vernon, R. 2.	No	No	Good	Clean	Bad	Good	Poor
Aug. 23	Military Road	S. Kaukauna, R. 14	Yes	Yes	Good	Clean	Bad	Passable	Poor
Aug. 24	Baebler	New Glarus	No	No	Good	Clean	Good	Good	Good
Aug. 24	Lyle	Belleville, R. 58.	No	No	Passable	Passable	Poor	Good	Good
Aug. 24	Spring Valley	New Glarus	No	No	Good	Clean	Poor	Passable	Poor
Aug. 25	Fritz	Belleville, R. 54.	No	No	Poor	Clean	Good	Good	Good
					Bad	Clean	Poor	Good	Poor

Aug. 26	McKinney	Blanchardville	No	No	Poor	Clean	Poor	Good	Poor
Aug. 27	Hollandale	Hollandale	No	Yes	Good	Clean	Good	Not all good	Good
Aug. 29	Thieler	Monticello	No	No	Passable	Clean	Poor	Good	Passable
Aug. 31	Seymour	Darlington, R. 31.	No	No	Good	Clean	Good	Good	Good
Sept. 1	Otter Creek	Darlington, R. 2.	No	No	Poor	Clean	Clean	Good	Good
Sept. 1	Clear Creek	Osseo	Yes	No	Good	Clean	Good	Good	Good
Sept. 2	Farm	Darlington, R. 2.	Yes	No	Bad	Bad	Bad	Not good	Bad
Sept. 2	Darlington	Darlington	Yes	No	Good	Clean	Good	Clean	Good
Sept. 22	Sunnyside	Darlington	No	No	Passable	Clean	Good	Clean	Good
Sept. 3	Hutzel	Juda, R. 2.	No	No	Bad	Passable	Passable	Clean	Poor
Sept. 5	Maple Grove	Juda, R. 5.	No	No	Poor	Passable	Poor	Good	Good
Sept. 6	Praengra	Brodhead	No	No	Poor	Clean	Passable	Good	Poor
Sept. 6	Dawson	Brodhead	No	No	Poor	Clean	Passable	Good	Passable
Sept. 6	Zahorik	Cato, R.	Yes	No	None	Clean	Good	Good	Good
Sept. 7	Balls Mills	Monroe, R.	No	No	Passable	Clean	Poor	Good	Good
Sept. 8	Sylvester	Monroe, R.	No	No	Poor	Clean	Bad	Not all good	Passable
Sept. 9	Kubley	New Glarus	No	No	Poor	Clean	Bad	Good	Poor
Sept. 10	Hoesley	New Glarus	No	No	Good	Clean	Bad	Good	Good
Sept. 10	Rudywild	Belleville	No	No	Passable	Clean	Bad	Good	Good
Sept. 10	Zwicky	Belleville	No	No	Good	Clean	Bad	Good	Good
Sept. 10	Allenton	Allenton	Yes	No	Clean	Clean	Clean	Good	Good
Sept. 12	Wittenwiler	Monticello	No	No	Good	Clean	Bad	Passable	Good
Sept. 12	Kundert	Monroe	No	No	Bad	Clean	Bad	Clean	Poor
Sept. 13	Denmark	Denmark	No	No	Passable	Clean	Good	Good	Good
Sept. 13	Cornell	Monroe, R. 4.	Yes	No	Bad	Clean	Good	Good	Good
Sept. 14	Hingiss	Cleveland, R. 2.	No	Yes	Passable	Clean	Poor	Good	Good
Sept. 14	Meyhaler	Monroe, R. 6.	No	No	Good	Clean	Poor	Good	Poor
Sept. 15	Geigel	Monroe, R. 6.	No	No	Bad	Clean	Passable	Good	Good
Sept. 19	Elmer	Monroe, R. 6.	No	No	Bad	Not clean	Poor	Good	Bad
Sept. 19	Stauffacher	Monroe, R. 6.	No	No	Poor	Clean	Poor	Mostly good	Good
Sept. 20	Lena	Lena	Yes	No	Good	Passable	Good	Mostly good	Good
Sept. 21	Spruce	Spruce	Yes	No	Good	Passable	Good	Mostly good	Not clean
Sept. 21	Opie Reed	Aople River	No	No	Good	Clean	Passable	Good	Good
Sept. 21	Rumrod	Gratiot	No	No	Passable	Clean	Passable	Good	Good
Sept. 23	Beckman	Monroe, R. 35.	No	No	Passable	Clean	Bad	Good	Good
Sept. 23	Barbow	Darlington	No	No	Poor	Clean	Bad	Good	Bad
Sept. 24	Hefty	New Glarus, R. 1.	No	No	Good	Clean	Poor	Good	Passable
Sept. 26	Monticello	Monticello	No	No	None	Not clean	Bad	Good	Not clean
Sept. 27	Bernhardt	Sawyer, R. 3.	Yes	No	None	Passable	Bad	Good	Passable
Sept. 27	Zimmerman	New Glarus	No	No	Good	Clean	Bad	Good	Poor
Sept. 27	Legler	New Glarus, R. 1.	No	No	Good	Clean	Bad	Good	Poor
Sept. 27	Becker & Schuler.	Monticello	No	No	Poor	Clean	Poor	Good	Good
Sept. 27	Blum	Monticello	No	No	Poor	Clean	Bad	Good	Passable
Sept. 27	Steusy	New Glarus, R.	No	No	Bad	Clean	Passable	Good	Poor
Sept. 27	Freitag	Monticello	No	No	Passable	Clean	Passable	Good	Poor

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
1904.									
Sept. 28	Geisse	Brodhead	No	No	Good	Clean	Poor	Good	Poor
Sept. 29	Waterstreet	Kewaunee	Yes	No	None	Not clean ..	Poor	Good	Poor
Sept. 29	Carlton	Carlton .....	.....	.....	.....	.....	.....	.....	.....
Sept. 30	Greitzmacher	Kewaunee, R. 2	Yes	No .....	.....	Not clean ..	Not clean ..	.....	Not clean ..
Sept. 30	Luxemburg	Luxemburg	Yes	No	Poor	Not clean ..	Not clean ..	.....	Not clean ..
Sept. 30	Neumaun	Juda	Yes	No	Passable	Clean	Not clean ..	Good	Good
Oct. 4	Scotch Hill	Brodhead, R. 1	No	No	Good	Clean	Poor	Clean	Good
Oct. 6	Keen	Brodhead, R. 1	No	No	Good	Clean	Poor	Clean	Poor
Oct. 6	Speic	Monroe	No	No	Poor	Clean	Poor	Not clean ..	Poor
Oct. 7	Hurlburt	Monroe, R.	No	No	Poor	Clean	Poor	Clean	Poor
Oct. 8	Shanghi	Brodhead, R. 2	No	No	Passable	Clean	Poor	Clean	New
Oct. 8	Stran	Brodhead, R. 2	No	No	Poor	Clean	Poor	Not all good	Poor
Oct. 10	Martin	Brodhead	No	No	Poor	Clean	Good	Clean	Poor
Oct. 11	Kubley	Monticello	No	No	Passable	Clean	Good	Clean	Good
Oct. 11	Silver	Albany, R.	No	No	Poor	Clean	Poor	Clean	Poor
Oct. 11	Ryhner	Albany, R. 1	No	No	Poor	Clean	Poor	Not all good	Poor
Oct. 11	Babler	Monticello	No	No	Poor	Clean	Poor	Good	Good
Oct. 12	Marty	Monroe, R. 6	No	No	None	Clean	None	Clean	Poor
Oct. 12	Clark	Monticello	No	No	Passable	Clean	Poor	Clean	Poor
Oct. 13	Winter	Graiot	No	No	Passable	Clean	Poor	Clean	Good
Oct. 15	Herrid	Graiot	No	No	Bad	Clean	Poor	Clean	Poor
Oct. 18	Magnolia	Brodhead	No	No	Poor	Clean	Good	Mostly poor	Good
Oct. 18	Rewey	Rewey	No	No	Poor	Clean	Good	Good	Good
Oct. 19	Spring Grove	Brodhead	No	No	Passable	Clean	Good	Good	Good
Oct. 22	Dick	Monticello	No	No	Poor	Clean	Poor	Good	Poor
Oct. 22	Theiler	Monticello	No	No	Poor	Clean	Good	Good	Good
Oct. 24	Blumer	Monticello	No	No	Poor	Clean	Poor	Good	Good
Oct. 24	White Oak	Blanchardville	No	No	Passable	Clean	Poor	Good	Good
Oct. 25	Blum	Monticello	No	No	Poor	Clean	Poor	Good	Poor
Oct. 27	Lee	Brodhead, R. 22	No	No	Poor	Clean	Poor	Good	Good
Oct. 28	Kichheifer	Reedsville, R. 1	Yes	No	Bad	Passable .....	.....	.....	Bad
Oct. 29	Flanery	Woodford	No	No	Passable	Clean	Poor	Good	Good
Oct. 31	Klondike	Monroe, R. 3	No	No	Passable	Clean	Poor	Good	Good
Nov. 1	Wege	Hustisford	Yes	No	Good	Clean	Good	Good	Good
Nov. 1	Home	Hustisford	Yes	No	Good	Clean	Good	Good	Good

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Nov. 5	Froelich	Lark	Yes	No	None	Passable	Not clean	Some rusty	Passable
Nov. 13	Afeythaler	Monroe, R. 6	No	No	Good	Not clean	Not clean		Bad
Nov. 13	Adam Elmer	Monroe, R. 6	No	No	None	Bad	Bad		Bad
Nov. 10	Rounrod	Gratiot	No	No	Good	Clean	Good	Good	Good
Nov. 16	Leader	Reeseville, R. 1	No	No	Not good	Clean	Clean	Clean	Good
Nov. 13	Portland	Reeseville, R. 1	Yes	No	Good	Not clean	Clean	Good	Not clean
Nov. 16	Cold Spring	Reeseville, R. 1	No	No	None	Not clean	Not clean	Good	Not clean
Nov. 23	Cold Spring	Reeseville, R. 1	No	No	None	Not clean	Not clean	Not all clean	Not clean
Nov. 17	Tilden	Watertown	Yes	Yes	Good	Clean	Clean	Good	Good
Nov. 17	Schleff	Watertown	No	No	Poor	Clean	Not clean	Good	Good
Nov. 17	Star	Watertown, R. 1	No	No	Good	Good	Not clean	Good	Good
Nov. 17	Union	Watertown, R. 2	No	No	Poor	Clean	Not clean	Good	Passable
Nov. 17	Trechel	Watertown, R. 2	No	No	Poor	Poor	Poor	Good	Good
Nov. 18	Schild	Watertown, R. 7	Yes	No	Good	Clean	Good	Good	Good
Nov. 18	Green Valley	Watertown, R. 2	No	Yes	Good	Clean	Not clean	Good	Good
Nov. 18	Ashippen	Ashippua	No	Yes	Poor	Clean	Poor	Good	Good
Nov. 18	Golden Star	Lebanon	No	No	None	Clean	Poor	Good	Good
Nov. 18	Schwsifel	Watertown, R. 2	No	No	Good	Poor	Poor	Good	Poor
Nov. 18	Moldenhauer	Lebanon	Yes	No	Bad	Passable	Poor	Good	Passable
Nov. 18	Rock	Watertown, R. 2	No	Yes	Good	Good	Good	Good	Good
Nov. 18	Sugar Island	Ashippua	No	No	None	Good	Bad	Good	Passable
Nov. 18	Munster	Lebanon	No	No	Good	Not all clean	Poor	Good	Good
Nov. 19	Indian Garden	Watertown, R. 7	Yes	Yes	Good	Clean	Good	Good	Good
Nov. 19	West Road	Watertown, R. 1	Yes	Yes	Good	Clean	Good	Good	Good
Nov. 19	Globe	Watertown	Yes	No	Good	Clean	Good	Good	Good
Nov. 19	North Road	Watertown, R. 1	Yes	Yes	Good	Clean	Good	Good	Good
Nov. 22	Oak Grove	Oak Grove	Yes	No	Good	Good	Good	Good	Good
Nov. 22	Oak Hill	Juneau, R. 1	Yes	No	Poor	Good	Bad	Good	Good
Nov. 22	Black Oak	Juneau, R. 2	No	No	Good	Good	Bad	Good	Good
Nov. 22	Clyman Center	Juneau, R. 2	No	No	Poor	Poor	Poor	Good	Poor
Nov. 22	Clyman	Juneau	No	No	Passable	Good	Passable	Good	Good
Nov. 23	Golden Rule	Hustisford	No	No	Poor	Good	Poor	Good	Good
Nov. 23	Gates	Juneau, R. 1	Yes	No	None	Good	Good	Good	Good
Nov. 23	Banner	Hustisford	No	No	Poor	Poor	Not clean	Good	Poor
Nov. 23	Home	Hustisford	No	No	None	Poor	Not clean	Good	Poor floor
Nov. 23	Sunnyside	Lebanon	Yes	No	Passable	Good	Passable	Good	Good
Nov. 23	Oak Grove Union	Juneau	Yes	No	Poor	Good	Poor	Good	Good
Nov. 23	White Oak	Juneau	Yes	Yes	Poor	Good	Good	Good	Good
Nov. 29	Lime Ledge	Woodland, R. 1	Yes	Yes	Poor	Good	Good	Good	Good
Nov. 29	Rock Ridge	Oconomowoc	No	Yes	Poor	Good	Poor	Good	Good
Nov. 29	Neosho	Neosho	No	No	Passable	Poor	Poor	Good	Poor
Nov. 29	Cherry Hill	Neosho	Yes	No	Good	Good	Clean	Good	Good
Nov. 29	Thompson	Warfield, R. 1	No	No	Bad	Good	Not clean	Good	Good
Nov. 30	Zitrefel	Bedhead, R. 2	No	Yes	Good	Good	Good	Good	Good
Nov. 30	Horicon	Horicon	Yes	No	Bad	Bad	Bad	Bad	Bad
Nov. 30	Horicon	Horicon	Yes	No	Good	Good	Good	Good	Good

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
1904.									
Nov. 30	Hubbard	Horicon	No	No	Poor	Good	Good	Good	Good
Nov. 30	Black River Street	Hustisford	No	No	Good	Good	Good	Good	Good
Nov. 30	Highland	Woodland, R. 1... ..	No	No	Good	Good	Good	Good	Good
Nov. 30	Rubicon	Woodland, R. 1... ..	No	No	Poor	Good	Good	Good	Poor
Nov. 30	Hustisford & Rubicon	Woodland, R. 1... ..	No	No	Good	Good	Poor	Good	Good
Dec. 1	Browns Corners ..	Horicon	No	No	Poor	Good	Clean	Good	Good
Dec. 1	White Oak	Horicon	No	No	Poor	Good	Clean	Good	Good
Dec. 1	Leroy	Leroy	Yes	No	Poor	Good	Poor	Good	Passable
Dec. 1	Farmersville	Knowles	No	No	Good	Good	Good	Good	Good
Dec. 1	Kohli	Kekoskee	No	No	Good	Passable	Poor	Good	Good
Dec. 1	Roll	Kekoskee	No	No	Poor	Passable	Not clean	Good	Passable
Dec. 1	Riverside	Mayville	Yes	Yes	Good	Good	Good	Good	Good
Dec. 1	Rockriverside ..	Mayville	Yes	Yes	Good	Good	Good	Good	Good
Dec. 2	Huilsburg	Huilsburg	Yes	No	Good	Good	Clean	Good	Good
Dec. 2	Rock	Iron Ridge, R. 1... ..	No	No	Good	Good	Clean	Good	Good
Dec. 2	Rock Spring	Hockheim	No	No	Good	Good	Poor	Good	Good
Dec. 2	Rock River	Mayville	No	No	Good	Good	Poor	Good	Good
Dec. 2	Maple Grove	Mayville	No	No	Poor	Good	Good	Good	Passable
Dec. 2	Frey	Hartford, R. 4... ..	No	No	Good	Good	Good	Good	Good
Dec. 3	West Side	Hartford	Yes	Yes	Good	Good	Good	Good	Good
Dec. 3	Reed	Hartford	No	No	Good	Good	Good	Good	Good
Dec. 8	Brownsville	Brownsville	Yes	Yes	Good	Good	Good	Good	Good
Dec. 8	Lomira	Lomira	Yes	Yes	Poor	Good	Good	Good	Good
Dec. 8	Oplinger	Theresa	No	No	Good	Good	Good	Good	Good
Dec. 8	Riverside	Theresa	Yes	Yes	Good	Good	Passable	Good	Good
Dec. 8	Northwestern	Mayville	No	No	Good	Good	Good	Good	Good
Dec. 9	Park	Theresa	Yes	No	Good	Good	Poor	Good	Good
Dec. 9	Five Corners	Neno	No	No	Good	Good	Poor	Good	Good
Dec. 9	Addison	Addison	No	No	Good	Good	Good	Good	Good
Dec. 9	Iron Ridge	Iron Ridge	No	No	Good	Clean	Poor	Good	Good
Dec. 9	Stettee	Iron Ridge	No	No	Good	Clean	Good	Good	Good
Dec. 15	Dennis	Livingston, R. 1... ..	No	No	Bad	Clean	Bad	Not all clean	Good

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
1905.									
May 9	Carey	Argyle	No	No	Poor	Clean	Not clean	Good	Poor
May 10	West Road	Watertown, R. 7.	Yes	No	Poor	Clean	Not clean	Good	Clean
May 10	Stauffer	Monticello	No	No	Poor	Clean	Not clean	Good	Poor
May 11	Special No. 1.	Columbus, R. 2.	Yes	No	Poor	Clean	Not clean	Good	Bad
May 11	Blum	Monticello	Yes	No	Passable	Clean	Passable	Good	Clean
May 13	Stauffer	Monroe, R. 6.	No	No	Passable	Clean	Not clean	Good	Poor
May 15	Stearns	Monroe, R. 6.	No	No	Passable	Clean	Poor	Some poor.	Good
May 15	Cold Spring	Reeseville, R. 1.	Yes	No	Poor	Not clean	Not clean	Not all clean	Poor
May 15	Elmer	Monroe, R. 4.	No	No	Passable	Clean	Poor	Good	Good
May 16	Beckman	Monroe	No	No	Passable	Clean	Poor	Good	Good
May 17	Schreuer	New Glarus	No	No	Poor	Clean	Poor	Good	Poor
May 18	Horicon Dairy Co.	Horicon	Yes	No	Passable	Clean	Good	Good	Good
May 18	Sunnyside	Burnett Jct., R. 1.	No	No	Bad	Clean	Bad	Not all clean	Bad
May 18	Mill Creek	Burnett Jct., R. 1.	No	No	Passable	Clean	Clean	Good	Bad
May 18	Trumjey	New Glarus	No	No	Passable	Clean	Poor	Good	Good
May 18	Horicon Dairy Co.	Horicon	Yes	No	Passable	Clean	Clean	Not all good	Good
May 18	Kleckner	Monroe	No	No	Good	Clean	Good	Good	Good
May 18	Mill Creek	Burnett Jct., R. 1.	No	No	Passable	Clean	Clean	Good	Good
May 18	Sunnyside	Burnett Jct.	No	No	Poor	Not clean	Poor	Not all clean	Poor
May 19	Kekoskee	Kekoskee	No	No	Good	Clean	Clean	Good	Good
May 19	Franklin	Monroe	No	No	Poor	Clean	Clean	Good	Good
May 20	Pfeiffer	Monroe	No	No	Good	Clean	Clean	Good	Good
May 20	Luxemburg	Luxemburg	No	No					Poor
May 20	Legler	Juda	No	No		Clean	Passable	Good	Passable
May 23	Mossholder	Marion	Yes	No	Good	Clean	Clean	Good	Good
May 23	Maple Grove	Juda, R.	No	No	Passable	Clean	Bad	Good	Good
May 24	Appleton	Appleton, R. 6.	Yes	No	Poor	Clean	Not clean	Good	Good
May 24	Austin	Brodhead	No	No	Good	Clean	Clean	Good	Good
May 25	Zweifel	Brodhead, R.	No	No	Poor	Clean	Poor	Good	Good
May 25	Geisse	Brodhead	No	No	Good	Clean	Poor	Not all good	Poor
May 26	Buckholtz	Two Rivers	Yes	No	Poor	Clean	Clean	Clean	Good
May 26	Swanson	Mt. Horeb	No	No	Poor	Clean	Passable	Clean	Poor
May 26	Primrose Union	Mt. Horeb	No	No	Passable	Clean	Good	Clean	Good
May 26	Buckholtz	Two Rivers	Yes	No	Good	Clean	Good	Clean	Good
May 26	Harker	Mt. Horeb	No	No	Good	Clean	Good	Clean	Good

May 27 Oak Hill	Albany	Yes	Yes	Passable	Clean	Passable	Clean	Good
May 30 Gust	Verona	No	No	Poor	Clean	Poor	Clean	Passable
May 31 Wayne C. Addison	Allenton, R. 1.	No	No	Bad	Clean	Not clean	Not all clean	Clean
May 31 Stauffacher	Monroe, R. 6.	Yes	Yes	Good	Clean	Poor	Clean	Good
May 31 Marty	Monroe, R. 6.	No	No	Bad	Bad	Poor	Poor	Bad
May 31 Meythaler	Monroe, R. 6.	No	No	Passable	Clean	Poor	Good	Passable
June 1 Davis	Monroe	No	No	Good	Clean	Poor	Not all good	Good
June 3 Elmer	Browtown	No	No	Poor	Not clean	Poor	Good	Bad
June 3 Divan	Browtown	No	No	Poor	Clean	Bad	Good	Good
June 7 Newburgh	Newburgh	Yes	No	Passable	Passable	Poor	Good	Passable
June 7 Belgium	Belgium	No	No	None	Not clean	Poor	Good	Poor
June 8 Myra	Newburgh	Yes	No	None	Passable	Bad	Good	Poor
June 10 Jones	Woodford	No	No	Passable	Clean	Bad	Good	Good
June 14 Wayne Center	So. Wayne	Yes	Yes	Passable	Clean	Good	Good	Good
June 15 Dixon Union	Lone Rock, R. 1.	Yes	Yes	Bad	Clean	Passable	Good	Good
June 17 Senich	Browtown	No	No	Bad	Clean	Bad	Poor	Good
June 17 Lawver	Browtown	No	No	Passable	Clean	Poor	Not all clean	Poor
June 19 Big Hollow	Spring Green	Yes	No	Bad	Clean	Passable	Good	Good
June 20 Salter	Salter	Yes	No	None	Clean	Passable	Good	Clean
June 20 Clover Hill	Plain	Yes	Yes	Good	Clean	Clean	Good	Good
June 20 Kleckner	Monroe	No	Yes	Good	Clean	Clean	Good	Good
June 21 Avon	Brodhead	No	No	Poor	Clean	Good	Good	Good
June 21 Pleasant Valley	Plain	Yes	No	Good	Clean	Good	Good	Good
June 22 Brandell	Sobeiski	Yes	No	Clean	Clean	Poor	Good	Good
June 22 Poplar Grove	Plain	Yes	No	Bad	Clean	Not clean	Good	Good
June 22 White Mound	White Mound	Yes	No	Bad	Bad	Bad	Good	Bad
June 22 Krokow	Pulaski	Yes	No	Poor	Good	Not clean	Good	Good
June 22 Strow	Brodhead	No	No	Poor	Clean	Bad	Good	Poor
June 23 Cedar Grove	Plain	Yes	No	Good	Clean	Clean	Good	Good
June 23 Pefer Olsen	Brodhead	No	No	Good	Clean	Good	Good	Good
June 23 Oak Leaf	Spring Green, R. 1	Yes	Yes	Good	Clean	Good	Good	Good
June 23 Town	Grafton	Yes	No	Good	Passable	Poor	Passable	Poor
June 24 Luxemburg	Luxemburg	Yes	No	Bad	Passable	Bad	Good	Bad
June 24 Ellisville	Luxemburg	Yes	No	Poor	Good	Poor	Good	Poor
June 24 Schneider	Luxemburg, R. 2.	Yes	No	Bad	Clean	Bad	Good	Good
June 24 Geimer	Mishicott	Yes	No	Passable	Good	Passable	Good	Passable
June 24 Schanghai	Brodhead	No	No	Poor	Clean	Poor	Good	Good
June 26 Swanson	Mt. Horeb	No	No	Bad	Clean	Poor	Good	Poor
June 26 Foley	So. Wayne	No	No	Good	Clean	Poor	Not all good	Good
June 27 Weinrich	Fillmore	Yes	No	None	Not clean	Bad	Poor	Poor
June 27 Fillmore	Fillmore	Yes	No	None	Good	Bad	Not all good	Passable
June 27 Stuart	So. Wayne	No	No	Passable	Clean	Poor	Good	Good
June 27 Wiota	Wiota	No	No	Poor	Clean	Poor	Some rusty	Good
June 28 Motley	Mienral Point	No	No	Poor	Not clean	Bad	Good	Poor
June 28 West Brooklyn	Brooklyn	No	No	Poor	Good	Poor	Good	Passable

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
1905.									
June 23	West Branch	Boaz, R. 1	Yes	No	Good	Good	Clean	Good	Good
June 23	Shanghi	Brodhead	No	No	Poor	Clean	Poor	Good	Good
June 29	Boaz	Boaz	Yes	No	Good	Clean	Clean	Good	Good
June 29	Union	Boaz	Yes	No	Poor	Clean	Clean	Good	Good
June 30	Union	Calamine	No	No	Good	Clean	Poor	Good	Good
June 30	Kruegar	Darlington	No	No	Good	Clean	Poor	Good	Good
June 30	Oak Grove	Darlington	No	No	Good	Clean	Clean	Good	Good
June 30	Johnson	Darlington	No	No	Poor	New	Poor	Good	New
June 30	Darlington	Darlington	No	No	Good	Good	Clean	Good	Good
June 30	Badger	Stanley, R. 1	Yes	No	Poor	Good	Clean	Good	Good
June 30	Fox Hollow	Richland Ctr, R. 4	Yes	No	Bad	Good	Clean	Good	Good
1906.									
Jan. 24	Alderney	Oconomowoc	No	No	Good	Good	Clean	Good	Good
Jan. 25	Maple Dairy Co.	Oconomowoc	No	No	Good	Good	Not clean	Not all clean	Good
Feb. 2	Waukesha	Waukesha	Yes	No	Good	Not clean	Not clean	Good	Not clean
Mar. 28	Brown Street	Oconomowoc, R. 25	No	No	Good	Clean	Not clean	Good	Good
Mar. 28	Lindencroft	Lone Rock	Yes	No	Not good	Clean	Clean	Good	Poor
Mar. 31	Courtland	Columbus	No	No	Not good	Clean	Clean	Not all clean	Clean
Apr. 5	Globe	Watertown	Yes	No	Good	Clean	Not clean	Good	Not clean
Apr. 6	Trenton	Columbus	No	No	Not good	Not clean	Not clean	Passable	Poor
Apr. 7	Zeikler	Woodland	No	No	Good	Clean	Clean	Good	Good
Apr. 12	Meadowvale	Blue Mounds							
Apr. 12	Willow Creek	Blue Mounds							
Apr. 12	Mill Creek	Arena, R.	No	No	Good	Clean			Clean
Apr. 12	Blue Ridge	Barneveld	No	No	Good				
Apr. 14	Twin Bluffs	Twin Bluffs	Yes	No	Good	Clean	Clean	Clean	Good
Apr. 17	Hutzels	Juda							
Apr. 17	Neuman	Juda							
Apr. 18	Brinkman	Coon Valley	Yes	Yes	Good	Clean	Clean	Clean	Good
Apr. 18	Harmony	Chaseburg, R. 1	No	No	Good	Clean	None	Clean	Good
Apr. 18	Mosquito Hill	New London, R. 23	Yes	Yes	None	Clean	Not clean	Clean	Good
Apr. 19	Kubly	Monticello	No	No	Good	Clean	Clean	Clean	Good
Apr. 19	Silver	Albany, R. 1	No	No	Good	Clean	Clean	Clean	Good
Apr. 19	Hutzell	Albany, R. 2	No	No	Bad	Clean	Bad	Clean	Poor

Apr. 19 Zimmerman	Monticello, R. 5								
Apr. 19 Friday	Monticello, R. 3								
Apr. 19 Nelson	New London	Yes	Yes	Good	Clean	Clean	Clean	Good	Good
Apr. 19 North Road	Watertown	No	No	Good	Clean	Not clean	Clean	Good	Good
Apr. 19 Alderney	Oconomowoc	No	No	Bad	Clean	Clean	Not all clean	Good	Good
Apr. 20 Lemon	Monroe, R. 4	No	No	Bad	Not clean	Not clean	Not all clean	Poor	Poor
Apr. 20 Loveland	Monticello, R. 3	No	No	Good	Clean	Poor	Good	Good	Poor
Apr. 20 Mapleton	Oconomowoc	No	No	Good	Clean	Clean	Good	Good	Good
Apr. 21 Shelby	La Crosse, R. 1	No	No	None	Clean	Not clean	Good	Good	Good
Apr. 21 Greenfield	La Crosse	No	No	None	Clean	Not clean	Good	Poor	Poor
Apr. 21 Strupp	Leon Valley	Yes	Yes	None	Clean	Not clean	Poor	Good	Poor
Apr. 23 Weismueller	Monticello, R. 4	No	No	Bad	Not clean	Not clean	Good	Good	Poor
Apr. 23 Theiler	Monticello	No	No	Good	Clean	Clean	Good	Good	Good
Apr. 23 Plum Bros.	Monticello, R. 3								
Apr. 23 Lemon	Monroe, R. 4								
Apr. 24 Freitag	Monticello, R. 5	No	No	Bad	Clean	Clean	Good	Good	Good
Apr. 24 Stuesy	Monticello, R. 5	No	No	Bad	Clean	Clean	Good	Good	Poor
Apr. 24 Disch	Monticello, R. 4								
Apr. 24 Zenther	Monticello	No	No	Good	Clean	Clean	Good	Good	Poor
Apr. 25 North Junction	New Glarus	No	No	Bad	Clean	Not clean	Good	Good	Good
Apr. 25 Hefty	New Glarus	No	No	Good	Clean	Clean	Good	Good	Poor
Apr. 25 Klaessy	Monticello, R. 4	No	No	Good	Clean	Clean	Good	Good	Poor
Apr. 25 Wittwer	Monticello								
Apr. 25 Hefty	Monticello, R. 4	No	No	Good	Clean	Not clean	Good	Good	Good
Apr. 25 J. Marty	Monticello, R. 4	No	No	Good	Clean	Good	Good	Good	Good
Apr. 25 Voegel	Monticello	No	No	Good	Clean	Clean	Good	Good	Good
Apr. 25 H. Freitag	Monticello	No	No	Good	Clean	Not clean	Good	Good	Good
Apr. 26 J. Baebler	New Glarus								
Apr. 26 Caledonia	New London, R. 2	Yes	Yes	Good	Clean	Not clean	Good	Good	Good
Apr. 26 Basswood Union	Birch Creek	No	No	Good	Clean	Clean	Good	Good	Good
Apr. 26 Balmoral	Muscoda	Yes	No	Good	Clean	Clean	Good	Good	Good
Apr. 26 M. Elmer	New Glarus	No	No	Bad	Clean	Clean	Good	Good	Poor
Apr. 26 Legler	New Glarus	No	Yes	Good	Clean	Not clean	Good	Good	Poor
Apr. 27 Kuhn	Rockfield, R. 1	No	No	Good	Clean	Clean	Good	Good	Good
Apr. 27 Reedfield	Reedfield	Yes	Yes	Poor	Clean	Good	Good	Good	Good
Apr. 27 Altman	New Glarus, R. 1	No	No	Good	Not all clean	Clean	Good	Good	Passable
Apr. 27 Dumholdt	Belleville, R. 2	No	No	Poor	Not all clean	Clean	Good	Good	Poor
Apr. 27 Ward	New Glarus	No	No	None	Clean	Clean	Good	Good	Good
Apr. 27 Zuber	New Glarus	No	No	Bad	Not all clean	Not clean	Good	Good	Poor
Apr. 27 Kubley	New Glarus	No	No	Good	Clean	Clean	Good	Good	Good
Aug. 27 Oak Leaf	Spring Green, R. 1	Yes	Yes	Good	Clean	Clean	Good	Good	Good
Aug. 28 Pleasant Valley	Spring Green, R. 1	Yes	Yes	Good	Clean	Clean	Good	Good	Good
Aug. 28 Irish Valley	Plain, R. 2	Yes	No	Bad	Clean	Not clean	Good	Good	Good
Aug. 28 Van Epps	Freemont	Yes	No	Good	Clean	Clean	Good	Good	Good
Aug. 29 Clover Hill	Plain	Yes	Yes	Good	Clean	Clean	Good	Good	Good

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
1906.									
May 1	Hawthorne	Monroe, R. 1	No	No	Good	Clean	Not clean	Good	Good
May 1	Franklyn	Monroe, R. 1	No	No	Bad	Clean	Clean	Good	Poor
May 1	Hoepner	Marion, R.	Yes	Yes	Good	Clean	Passable	Good	Good
May 1	Oostburg No. 1	Oostburg	Yes	No	Good	Clean	Clean	Good	Passable
May 2	Clear Creek	Osseo, R. 2	Yes	Yes	Good	Clean	Clean	Good	Good
May 2	Caroline	Marion, R. 2	Yes	No	Poor	Clean	Passable	Good	Good
May 2	Oostburg No. 2	Oostburg	No	No	None	Clean	Clean	Good	Good
May 3	Big Spring	Kilbourn	No	No	Good	Clean	Clean	Some poor	Good
May 3	Plymouth	Plymouth	Yes	No	Good	Clean	Clean	Good	Good
May 3	Leopolis	Leopolis	Yes	No	None	Passable	Clean	Good	Good
May 3	H. Durr	Belleville, R. 2	No	No	Good	Clean	Clean	Good	Good
May 3	Rock Hill	Belleville, R. 2	No	No	None	Clean	Bad	Good	Good
May 4	Railroad Valley	New Glarus, R. 2	No	No	Good	Clean	Clean	Good	Good
May 4	Hoesly	New Glarus, R. 4	No	No	Good	Clean	Clean	Good	Good
May 4	Hustad	New Glarus, R. 1	No	No	Good	Clean	Clean	Good	Good
May 4	Zimmerman	Schleisingerville	No	Yes	Good	Clean	Clean	Good	Good
May 4	Stemper	Leopolis	Yes	No	None	Passable	Clean	Good	Good
May 5	New Glarus	New Glarus	No	No	Good	Clean	Clean	Good	Good
May 5	Buckbee	Clintonville, R. 2	Yes	Yes	None	Clean	Clean	Good	Good
May 5	Richfield	Merton	No	No	Poor	Clean	Clean	Good	Good
May 8	Franklin	Franklin	Yes	No	No	Clean	Clean	Good	Good
May 8	Divan	Browntown	No	No	Good	Clean	Clean	Good	Poor
May 8	Smith	Browntown, R. F. D. I.	No	No	Good	Clean	Clean	Good	Good
May 8	G. Lawver	Freeport, Ill.	No	No	Good	Clean	Poor	Good	Poor
May 8	Elmer	Browntown	No	No	Good	Clean	Not clean	Good	Poor
May 9	Cedar Creek	Cedar Creek							
May 9	Flannigan	Argyle	No	No	Good	Clean	Clean	Good	Poor
May 9	Haney	Argyle, R. 1	No	No	Good	Clean	Clean	Good	Good
May 9	Poff	Argyle, R. 4	No	No	Bad	Clean	Clean	Good	Poor
May 10	Clover Valley	Black Creek, R. 34	Yes	Yes	None	Clean	Clean	Good	Good
May 10	Gilman Valley	Mondovi, R. 2	No	Yes	Bad	Clean	Clean	Good	Good
May 10	Giffman	Gilmanston	No	No	Poor	Clean	Not clean	Good	Good
May 10	Lookout	Lookout	Yes	No	None	Not clean	Passable	Good	Passable
May 10	South Star	Oconomowoc	No	No	Good	Clean	Clean	Not all good	Passable

May 10	Cherry Hill	Oconomowoc	No	No	Good	Clean	Not clean	Not all good	Good
May 10	Chilton	Chilton	Yes						
May 10	Everson	Argyle	No	No	Good	Clean	None	Good	Passable
May 10	Farrell	Argyle	No	No	Bad	Not clean	Not clean	Good	Poor
May 10	Cary	Argyle	No	No	Poor	Clean	Passable	Good	Poor
May 11	Hutchinson	Tell	Yes	No	Bad	Clean	Not clean	Good	Poor floor
May 11	Walnut Grove	Argyle, R.	No	No	Good	Clean	Passable	Good	Passable
May 11	White Oak Spring	Argyle, R.	No	No	Good	Clean	Bad	Good	Good
May 11	Bangor	Bangor	No	No	Bad	Clean	Clean	Good	Poor floor
May 11	Cleco	Seymour, R. 35	No	No	None	Clean	Clean	Good	Good
May 11	Brillion	Brillion	Yes	No	Clean	Clean	Clean	Good	Good
May 12	Laurenceville	Seymour, R. 35	Yes	Yes	Poor	Clean	Clean	Good	Good
May 12	Duck Creek	La Crosse, R. 1	No	No	Poor	Clean	Clean	Good	Good
May 15	White	Monroe, R. 9	No	No	Good	Clean	Not clean	Good	Good
May 15	Krueger	Monroe, R. 7	No	No	Good	Clean	Bad	Good	Good
May 15	Pleasant	Monroe, R. 7	No	No	Poor	Clean	Not clean	Good	Good
May 15	Number 1	Spencer, R. 1	Yes	No	Poor	Clean	Not clean	Good	Passable
May 16	Maple Grove	Juda, R. 2	No	No	Good	Clean	Not clean	Good	Good
May 16	Hutzell	Juda	No	No	Poor	Clean	Clean	Good	Good
May 16	Neumann	Juda, R. 2	No	No	Good	Clean	Bad	Good	Poor
May 16	Bearer	Spencer, R. 1	Yes	No	Good	Clean	Clean	Good	Passable
May 16	Oakfield	Oakfield							
May 17	Spencer	Spencer	Yes	No	None	Clean			Good
May 17	Thiel	Brillion					Passable	Good	Good
May 18	Whittlesey	Medford	Yes	No	Bad	Clean	Not clean	Good	Passable
May 18	Little Black	Curtis	Yes	No	Bad	Clean	Not clean	Good	Passable
May 18	Laabs	Medford, R. 2	Yes	Yes	Good	Clean	Passable	Good	Good
May 18	Olson & Johnson	Woodford, R. 2	No	No	Good	Clean	Not clean	Good	Poor
May 18	Meyer	Browntown, R. 2	No	No	Bad	Clean	Bad	Good	Poor
May 19	McGratte	Monroe, R. 3	No	No	Good	Clean	Not clean	Good	Good
May 19	Schultze	Monroe, R. 3	No	No	Good	Clean	Clean	Good	Good
May 19	Gutzmer	Woodford, R. 2	No	No	Good	Clean	Bad	Good	Good
May 21	Walker	Mineral Point, R. 3	No	No	Poor	Clean	Clean	Good	Poor floor
May 22	Gross	Alma, R. 2	No	No	Bad	Not all clean	Not clean	Good	Passable
May 22	Bohn	Norwalk	No	Yes	Poor	Clean	Clean	Good	Poor
May 22	Cream	Alma	Yes	No	Poor	Clean	Passable	Good	Good
May 23	Oak Hill	Brodhead, R. 6	No	No	Good	Clean	Not clean	Good	Poor
May 23	Angelica	Angelica, R. 1	Yes	No	Passable	Clean	Clean	Good	Good
May 23	Decoster	Brodhead	No	No	Passable	Clean	Clean	Good	Good
May 24	Seymour Valley	Seymour, R. 37	Yes	Yes	Good	Clean	Passable	Good	Good
May 24	Dawson	Brodhead, R. 23	No	No	Good	Clean	Clean	Good	Good
May 24	Keen	Juda, R. 1	No	No	Bad	Clean	Not clean	Good	Poor
May 24	Munger	Juda, R. 1	No	No	Good	Clean	Passable	Good	Poor
May 24	Seven Corners	New Holstein, R. 2			Good	Clean	Not clean		
May 24	Meisel	New Holstein, R. 1			Bad	Clean	Not clean		Good

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
1906.									
May 25	Dorset Ridge	Kendall	No	No	Passable	Clean	Clean	Good	Good
May 25	North Osburne	Seymour, R. 38.	No	No	Bad	Not clean	Not clean	Good	Not clean
May 25	Rosenthal	La Crosse	Yes	No	Bad	Clean	Clean	Not all clean	Good
May 26	North Proth	North Proth	Yes	Yes	Bad	Clean	Clean	Clean	Good
May 26	Ash Creek	Richland Center	Yes	Yes	Bad	Clean	Clean	Good	Passable
May 26	Fischer	Mauston, R. 5.	Yes	No	Good	Clean	Clean	Good	Good
May 30	Middle Ridge	La Crosse	No	No	Poor	Clean	Not clean	Good	Good
May 30	Zehm	Clintonville R. 1.	Yes	Yes	None	Clean	Clean	Good	Good
May 8	Black Creek	Black Creek	Yes	No	Bad	Clean	Not clean	Good	Not clean
May 9	Grunigen	Black Creek	Yes	No	Good	Clean	Clean	Good	Poor floor
May 25	New Holstein	New Holstein	Yes	No	Good	Not clean	Clean	Good	Poor
June 1	Riverside	Clintonville, R. 4.	Yes	No	None	Clean	Clean	Good	Good
June 1	Maple Hill	Merton	No	No	Good	Clean	Bad	Good	Good
June 1	Fairwater	Milwaukee					Clean	Good	Good
June 1	Hill Top	Watertown, R. 6.	Yes	No	Good	Clean	Passable	Good	Passable
June 1	West	Monroe, R. 3.	No	No	Good	Clean	Not clean	Good	Poor
June 1	Jenny	Monroe, R. 7.	No	No	Good	Clean	Clean	Good	Passable
June 2	Fountain Valley	Clintonville, R. 3.	Yes	No	None	Clean	Not clean	Good	Good
June 2	Tschudy	Monroe	No	No	Good	Clean	Clean	Good	Good
June 2	Rufis	Monroe, R. 5.	No	No	Poor	Clean	Clean	Good	Good
June 4	Schreiner	Clarno, R. 3.	No	No	Bad	Clean	Bad	Good	Passable
June 4	Davis	Monroe	No	No	Good	Clean	Clean	Good	Good
June 5	Marshfield	Marshfield	Yes	Yes	Good	Clean	Clean	Good	Good
June 5	Klaessy	Winslow, Ill., R. 2	No	No	Good	Not clean	Not clean	Good	Good
June 6	McMillan	Marshfield, R. 4.	Yes	No	None	Clean	Clean	Good	Poor
June 7	Little Elk	Russell	Yes	No	Poor	Clean	Bad	Good	Good
June 7	Yellow River	Marshfield, R. 1.	Yes	No	Passable	Clean	Clean	Good	Good
June 7	Pigeon	Pigeon Falls	Yes	No	Not good	Not clean	Clean	Good	Good
June 8	Bakerville	Marshfield, R. 1.	Yes	Yes	Passable	Clean	Clean	Good	Good
June 9	Milladore	Auburndale	Yes	No	None	Clean	Clean	Good	Poor
June 11	Klaessy	Winslow, Ill.	No	No	Good	Not clean	Clean	Good	Good
June 13	St. Joseph Ridge.	St. Joseph Ridge.	Yes	No	Poor	Clean	Not clean	Good	Good

June 12	River Ridge	Black Creek	Yes	No	Good	Clean	Clean	Not all good	Good
June 13	Coin Rock	Arena, R. 1	No	No	Good	Clean	Clean	Good	Good
June 14	Peplinsky	Pulaski	Yes	Yes	Not good	Not clean	Not clean	Not clean	Not clean
June 14	Pulaski	Pulaski	Yes	No	None	Not clean	Not clean	Not clean	Not clean
June 16	Avalanch	Rockburg	Yes	No	Poor	Good	Not clean	Good	Poor
June 20	Glenbeulah	Glenbeulah	Yes	Yes	Good	Clean	Clean	Good	Good
June 1	Wolfraht	New London	Yes	Yes	Good	Clean	Passable	Good	Good
June 9	Wellman	Platteville	No	No	Bad	Clean	Bad	Not all good	Passable
June 1	East Greenville	Appleton, R. 1	Yes	Yes	Good	Clean	Good	Good	Good
June 1	Point Bluff	Point Bluff	Yes	No	Poor	Clean	Good	Good	Good
June 1	Maple Row	Lone Rock	Yes	No	Good	Clean	Good	Good	Poor
June 1	Goodrich	Lone Rock	Yes	No	Poor	Clean	Not clean	Good	Poor
June 11	Bear Valley	Lone Rock	Yes	No	Bad	Not clean	Not clean	Good	Poor
June 20	Basswood Union	Byrds Creek	No	No	Good	Clean	Clean	Good	Good
June 20	Pleasant Hill	Richland Ctr, R. 2	Yes	Yes	Good	Clean	Clean	Good	Good
June 3	Gault Hollow	Byrds Creek	Yes	No	Good	Clean	Clean	Good	Poor
June 3	Boaz	Boaz	Yes	No	Good	Clean	Clean	Good	Good
June 21	Easton	Easton	Yes	Yes	Good	Clean	Not clean	Good	Good
June 21	Otter Creek	Darlington	No	No	Bad	Clean	Clean	Good	Good
June 21	Richland	Richland Center	Yes	No	Poor	Clean	Clean	Good	Good
June 21	Brewer	Richland Center	Yes	No	Good	Clean	Passable	Good	Good
June 21	Pleasant Ridge	Richland Ctr, R. 3	Yes	No	Good	Clean	Not clean	Good	Good
June 21	Lloyd	Lloyd	Yes	Yes	Good	Clean	Clean	Good	Good
June 21	Butternut	Lloyd	Yes	No	Good	Clean	Clean	Good	Poor
June 21	Neptune	Neptune	Yes	No	Good	Clean	Clean	Good	Good
June 21	Steinwand No. 1	Colby, R. 2	Yes	Yes	Good	Clean	Clean	Good	Good
June 23	Blum	Monticello, R. 3	No	No	Bad	Clean	Not clean	Good	Good
June 23	Disch	Monticello, R. 1	No	No	Good	Clean	Clean	Good	Good
June 23	Monticello	Monticello	No	No	Good	Clean	Clean	Good	Good
June 26	Farmers' Assn	Casco	Yes	No	None	Clean	Not clean	Not good	Good
June 23	Enni Creek	Boyceville, R. 1	No	No	Good	Clean	Not clean	Good	Good
June 23	Marty	Brodhead	No	No	Bad	Not clean	Not clean	Not all clean	Poor
June 23	Austin	Brodhead	No	No	Poor	Not clean	Not clean	Clean	Poor
June 27	Leibl	Luxemburg	Yes	No	None	Clean	Not clean	Not clean	Passable
June 27	Elm Grove	Osseola, R. 2	Yes	Yes	Poor	Clean	Not clean	Good	Good
June 27	Purdy	Viroqua, R. 2	Yes	No	Good	Clean	Not clean	Good	Poor
June 27	East Farmington	Osseola, R. 1	Yes	No	Passable	Passable	Not clean	Passable	Poor
June 27	Ziripole	Brodhead	No	No	Passable	Clean	Not clean	Good	Good
June 27	Martin	Brodhead	No	No	Bad	Clean	Not clean	Good	Poor
June 28	Norwegian	Albany, R. 1	No	No	Good	Clean	Not clean	Good	Poor
June 28	Davis	Albany, R. 2	No	No	Poor	Clean	Clean	Good	Poor
June 28	Kornelv	Manitowoc, R. 7	No	No	Good	Clean	Not clean	Good	Good
June 28	Edmund	Albany, R. 2	No	No	Good	Clean	Clean	Good	Poor

CHEESE FACTORY INSPECTION—Continued.

Date.	Name of Factory.	Address.	Babcock test used?	Wisconsin curd test used?	Condition of drainage.	Condition of apparatus.	Condition of whey tank.	Condition of cans.	Condition of building.
1906.									
June 28	Ross	Viroqua, R. 6.....	Yes	Yes	Good	Clean	Clean	Good	Good
June 29	Liberty Pole	West Lima	Yes	No	Passable	Clean	Clean	Good	Good
June 29	Hurlbert	Monticello	No	No	Bad	Clean	Clean	Good	Good
June 29	Hutzell	Albany, R. 1.....	No	No	Passable	Clean	Not clean	Good	Good
June 29	Cumstock	Albany, R. 1.....	No	No	Poor	Clean	Clean	Good	Good
June 29	Ziegler	Woodland	Yes	No	Good	Clean	Not clean	Good	Poor
June 29	Richmond Co-op	Shawano, R. 2.....	Yes	Yes	Passable	Clean	Not clean	Not all clean	Floor bad...
June 30	Hamon	Monroe	No	No	Good	Clean	Clean	Good	Good
June 30	Pigeon River	Marion, R. 3.....	Yes	No	Good	Clean	Clean	Good	Good

CREAMERY INSPECTION.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
ASHLAND CO.									
1905. Dec. 7	Dhooge Cry. Co.	Ashland	Good	Good	Good		Good		Good
Dec. 16	Butternut Cry. Co.	Butternut	Good	Good	Good	Good	Good	Good	Good
ADAMS CO.									
Oct. 3	Plainville	Plainville	Good	Good	Good	Good	Good	Good	Good
Oct. 3	Davis Corners	Kilbourn, R., 4	Good	Good	Good	Good	Good	Good	Good
Oct. 3	Big Springs	Kilbourn, R., 2	Good	Good	Good	Good	Good	Good	Good
Oct. 4	Quincy	Quincy	Bad	Good	Bad	Have none.	Good	Good	Bad
Oct. 19	Leola	Hancock, R., 1.	Good	Good	Good	Good	Good	Good	Good
Oct. 9	Westfield	Arkdale	Good	Good	Good	Good	Good	Good	Good
Dec. 21	Jonesville	Oxford, 1.	Good	Good	Good	Good	Good	Good	Good
Skim Stations									
Oct. 3	White Creek	White Creek	Good	None	Good	Good	Good	Good	Good
Oct. 3	New Haven	Endeavor, R., 1.	Good	None	Bad	Good	Good	Good	Poor
Oct. 4	Adams Center	Adams Center							
Oct. 9	Friendship	Friendship	Good	None	Good	Good	Good	Good	Poor
Oct. 20	Norman	Plainfield, R. No. 1			Good	Good	Good	Good	Good
BARRON CO.									
Oct. 15	Barron Co-op.	Barron	Good	Good	Good	None	Good	Good	Good
Oct. 16	Turtle Lake	Turtle Lake	Not clean	Good	Good	Good	Good	Good	Good
Oct. 16	Reeve Co-op.	Reeve	Not clean	Good	Good	Good	Good	Good	Good
Oct. 17	Comstock	Comstock	Not clean	Good	Bad	Good	Good	Not clean	Passable
Oct. 17	Barronett Co-op.	Barronett	Good	Good	Good	Good	Good	Good	Good
July 27	Enterprise	Cumberland, R., 1	Good	Passable	Passable	Passable	Good	Good	Good
Aug. 18	Cumberland	Cumberland	Not clean	Good	Poor	Poor	Good	Good	Good
Aug. 19	Arland Co-op.	Arland	Good	Good	Good	Good	Good	Good	Good
Aug. 22	Almena	Almena	Not clean	Good	Poor	Not clean	Good	Good	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
BARRON CO.									
1905.									
Aug. 23	Hillsdale	Hillsdale	Good	Good	Passable	Not clean	Bad	Good	Poor
Aug. 23	Dallas Co-op.....	Dallas	Good	Good	Good	Good	Good	Good	Good
Aug. 23	Prairie Farm Co-op.....	Prairie Farm	Good	Good	Good	Good	Good	Good	Passable
Aug. 25	Rice Lake	Rice Lake	Good	Good	Good	Good	Passable	Good	Good
Aug. 28	Moose Ear	Chetek, R. D. 2.....	Good	Good	Good	Good	Good	Good	Good
Aug. 26	Brill Co-op.....	Brill	Inaccurate	Good	Bad	Good	Good	Good	Good
Aug. 26	Bear Lake	Haugen	Good	Good	Good	Good	Good	Good	Good
Aug. 26	Bear Lake	Rice Lake, R., 2....	Not clean	Good	Good	None	Not clean	Good	Passable
Aug. 9	Cameron	Cameron	Good	Good	Passable	None	Passable	Good	Poor
Aug. 23	Chetek	Chetek	Good	Good	Poor	Good	Good	Good	Good
Aug. 28	Spring Hill	Chetek, R. F. D. 3	Good	Good	Bad	Good	Good	Good	Passable
Skim Stations.									
Aug. 22	Yellow River	Rice Lake, R. 4....				Poor	None		Passable
BAYFIELD CO.									
Dec. 13	Iron River Cry. Ass'n.	Iron River				Good	Good	Good	Good
BROWN CO.									
Aug. 4	Wequiock Co-op..	Green Bay, R., 1..	Good	Good	Good	Good	Good	Good	Good
Aug. 13	Wrightstown	Wrightstown	Good	Good	Passable	Not clean	Good	Good	Good
Aug. 19	E. R. V. Cy. Co.	De Pere, R., 1.....	Good	Good	Good	Good	Good	Good	Good
Aug. 19	W. DePere Cy. Co.	West De Pere	Good	Good	Good	Good	Good	Good	Good
Aug. 19	Fox River Valley	West De Pere, R. 1	Good	Good	Good	Good	Good	Good	Good
Aug. 23	Howard Co-op.....	Green Bay, R., 9	Good	Good	Good	Good	Good	Good	Good
Aug. 23	Oneida	Oneida		Not good	Good	Good	Good	Not good	Good
Oct. 25	Belleville	Green Bay, R., 4..		Good	Good	Good	Good	Not good	Good
Aug. 29	Anderson	Green Bay		Good	Good	Good	Good	Good	Good
Aug. 29	Green Bay Pure Milk Co.	Green Bay		Good	Good	None	Good	Good	Good

Aug. 30 Summit Cy. Co.	Green Bay, R., 2	Good	Good	Good	Good	Good	Good	Good
Aug. 30 New Century Co-op.	New Franklin	Good	Good	Good	Good	Good	Passable	Good
Skim Station.								
Aug. 30 New Century	Luxemburg, R., 3	Good	Poor	Good	Good	Good	Good	Good
BUFFALO CO.								
Nov. 22 Garden Valley	Waumandee	Good	Good	Good	None	Good	Good	Good
Nov. 23 Pragg B. & C. Co	Cream, R., 1	Good	Good	None	None	Good	Good	Good
Nov. 24 Gilmanston	Gilmanston	Good	Good	Good	Good	Not clean	Good	Good
Aug. 24 Modena Co-op.	Mondovi	Good	Good	Good	Good	Good	Good	Good
Nov. 24 C. D. Loomis	Gilmanston	Good	Good	Good	Good	Good	Good	Good
Nov. 28 Mondovia	Mondovi	Good	Good	Good	None	Good	Good	Good
Nov. 29 Mondovia Farmers' Co-op.	Mondovi	Good	Good	Good	None	Good	Good	Good
Nov. 30 Fountain City	Fountain City	Good	Good	Good	None	Poor	Good	Good
Nov. 29 Nelson	Nelson	Good	Good	Good	None	Good	Good	Good
Nov. 29 Cochrane Co-op.	Cochrane	Good	Good	Good	None	Good	Good	Good
Nov. 29 Burnside	Durand, R., 4	Good	Good	Good	None	Good	Good	Poor
Skimming Stations.								
CLARK CO.								
Sept. 19 Hyslop	Neillsworth, R., 1	Not clean	Good	Good	Good	Good	Good	Good
Nov. 8 Heller	Withee, R., 1			Poor	Clean	Clean	Good	Good
Nov. 8 Peterson	Withee			Good	Clean	Clean	Good	Good
Nov. 24 Heivettville	Neillsville	Clean	Good	Good	Clean	Clean	Good	Passable
Nov. 24 Pine Valley	Neillsville, R. F. D. 1.	Clean	Good	Poor	Not clean	Clean	Good	Poor
Nov. 24 Seife	Neillsville, R., 3	Clean	Good	Bad	Not clean	Clean	Good	Poor
Nov. 21 Petzdorf	Greenwood, R., 1.	Clean	Good	Passable	Clean	Clean	Good	Good
Nov. 25 Skim Station No. 1	Granton, R., 3	Clean	Poor	Poor	Clean	Clean	Good	Poor
Nov. 17 Spokeville	Neillsville, R., 4			Good	Clean	Clean	Good	Good
Nov. 17 Heathville	Loyal, R., 2	Passable	Good	Passable	Clean	Passable	Good	Good
Nov. 17 Christie	Granton, R., 1			Poor	Clean	Passable	Good	Poor
Nov. 14 Dill Creek	Neillsville, R., 3	Clean	Good	Passable	Clean	Clean	Good	Good
Nov. 6 Albert Dairy Co.	Colby			Passable	Clean	Clean	Good	Passable
	Thorpe			Poor	Clean	Clean	Good	Passable

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
Creameries.			COLUMBIA CO.						
1905.									
Sept. 20	Arlington	Arlington	Good	Good	Good	Good	Good	Good	Good
Sept. 14	Fall River	Fall River	Good	Good	Good	Good	Good	Good	Good
Sept. 14	Cambria	Cambria	Good	Good	Good	Good	Good	Not clean	Good
Sept. 8	Keyser	Morrisonville, R. E. D.	Not clean	Good	Good	Clean	Good	Not all clean	Poor floor
Sept. 7	Engelwood	Fall River, R., 2.	Not clean	Poor	None	Not clean	Not good	Not clean	Poor
Sept. 7	Doylestown	Doylestown	Good	Good	Good	Good	Good	Good	Good
Sept. 7	Lost Lake	Randolph, R., 3.	Good	Good	Good	Good	Good	Good	Good
Sept. 7	Columbus	Columbus	Good	Good	Good	Good	Good	Good	Good
Sept. 8	Empire	Morrisville	Good	Good	Good	Good	Good	Good	Good
Sept. 8	Rio	Rio	Good	Good	Good	Good	Good	Good	Good
Sept. 15	Hill Drop	Pardeeville, R., 2.	Good	Good	Good	Good	Good	Good	Poor floor
Sept. 15	Marcellon	Pardeeville, R., 2.	Good	Good	Bad	Good	Good	Good	Good
Sept. 18	Kehlet & Knack	Portage	Not clean	Good	Good	Good	Good	Good	Poor
Sept. 14	Ward & Andrus	Randolph, R., 2.	Good	Good	Good	Good	Good	Good	Good
Sept. 19	Fort Winnebago	Fort Winnebago	Good	Good	Good	Good	Good	Good	Good
Sept. 20	Poynette	Poynette	Good	Good	Good	Good	Good	Good	Poor
Sept. 20	Lodi	Lodi	Good	Good	Good	Good	Good	Good	Good
Sept. 20	West Point	Lodi	Not clean	Good	Good	Good	Good	Good	Good
		Lodi	Good	Good	Good	Good	Good	Good	Passable
									Good
Skimming Stations.									
Sept. 7	Wrights	Doylestown			Good	Good	Good	Good	Good
Sept. 7	Fountain Priarie	Fall River, R., 1.	Good		Good	Good	Good	Good	Good
Sept. 7	Skim Station No. 1	Fall River, R., 2.	Good		Good	Good	Good	Good	Good
Sept. 7	Skim Station No. 2	Fall River, R., 1.	Good		Good	Good	Good	Good	Good
Sept. 7	Bunker Hill	Woodland	Good		Good	Good	Good	Good	Good
Sept. 9	New Port	Kilbourn, R., 3.			Good	Good	Good	Good	Good
Sept. 14	Courtland	Cambria	Good						
Sept. 19	Lewiston	Portage, R., 5	Good		Poor	Good	Good	Good	Good
Sept. 14	Blaeny Car	Randolph, R., 2.	Good	Good	Good	Good	Good	Good	Good
Sept. 14	Craig	Randolph	Good	Good	Good	Good	Good	Good	Good
Sept. 15	Groves Corners	Kingston, R., 1.	Good		Good	Good	Good	Good	Good

Creameries.		CRAWFORD CO.								
Aug. 2	West Fork	Excelsior	Clean	Good	Good	Good	Clean	Good	Good	
Nov. 21	Soldiers Grove	Soldiers Grove	Good	Good	Good	Good	Clean	Good	Good	
Nov. 22	Mt. Sterling Co.	Mt. Sterling		Good	Good	Good	Clean	Good	Poor floor	
Nov. 22	Seneca Dairy Co.	Seneca	Good	Good	Not good	Clean	Not clean	Good	Poor floor	
Nov. 22	Eastman Butter Co	Eastman	Good	Good	Good	Clean	Clean	Good	Poor floor	
Nov. 22	Eastman Cheese & Butter Co.	Eastman	Not clean	Good	Good	Not clean	Not clean	Good	Poor floor	
Nov. 22	Kickapoo Valley	Stueben	Not clean	Good	Good	Clean	Clean	Good	Poor floor	
Nov. 23	Wauzeka Butter Co.	Wauzeka	Clean	Good	Not good		Clean	Good	Poor floor	
Nov. 21	Gay Mills	Gay Mills	Not in oper.	Not in oper.						
Nov. 23	Barnum	Barnum	Not in oper.	Not in oper.						
Nov. 22	Sugar Creek	Sugar Creek	Not in oper.	Not in oper.						
		BURNETT CO.								
Oct. 18	Webster	Webster	Not clean	Good	Good	Good	Not clean	Good	Good	
Oct. 19	Doctors Lake	Siran	Not clean	Not in order	Passable	Not clean	Not clean	Good	Good	Floor bad
Oct. 18	Falum	Falum	Not clean	Good	Poor	Not clean	Not clean	Good	Good	Floor bad
Oct. 18	Wood River	Grantsburg, R., 1.	Good	Good	Good	Good	Not clean	Good	Good	Floor bad
Oct. 19	Grantsburg	Grantsburg	Good	Good	Good	Good	Good	Good	Good	Good
Oct. 19	Trade Lake	Trade Lake	Good	Good	Good	Good	Not clean			Floor bad
	Alstad	Alstad								Good
	Trade River	Trade River								
Skimming Stations.										
Cassells	Grantsburg, R., 7.									
		CALUMET CO.								
Sept. 25	Stockbridge	Stockbridge		Good	Good	Good	Good	Not clean	Good	
Oct. 3	Brothertown	Chilton, R., 2.		Good	Good	Not clean	Good	Good	Good	
Skimming Stations.										
Sept. 25	Pilling	Stockbridge	None	None	Good	Good	Good	Not all clean	Good	
Oct. 3	Michels	Garnet								
Oct. 3	Lintner	Chilton, R. D.								
Oct. 3	Jericho	Jericho			Bad	Good	Not clean	Not all clean	Passable	

17-D. & F.

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
1905.	Combined B. & C. Factories	CALUMET CO.							
	Hayton	Hayton							
	Chilton	Chilton							
	St. Anna	St. Anna							
	New Holstein	New Holstein							
		CHIPPEWA CO.							
July 28	Jim Falls Co-op.	Jim Falls	Good	Good	Good	Good	Good	Good	Good
July 31	Cornell	Cornell	Good	Good	Good	None	Good	Good	Good
Aug. 1	Chippewa Falls	Chippewa Falls	Good	Good	Good	None	Good	Not all clean	Good
Aug. 2	Monroe	Cadott	Good	Good	Good	Poor	Good	Good	Good
Aug. 2	Cadott Co-op.	Cadott	Good	Good	Good	Good	Good	Good	Good
Aug. 3	Boyd	Boyd	Good	Good	Good	Good	Good	Good	Good
Aug. 5	Wheaton Co-op.	Chippewa Falls, R., 6	Good	Good	Good	Good	Good	Good	Good
Aug. 5	Albertville Co-op.	Albertville	Good	Good	Good	Good	Good	Good	Good
Aug. 7	Town Line	Chippewa Falls, R., 2	Not clean ...	Good	Good	Good	Good	Good	Good
Aug. 7	Tilden	Chippewa Falls, R., 2	Good	Good	Good	Good	Good	Some bad ..	Good
Aug. 7	Eagleton	Bloomer, R., 5	Good	Good	Good	Good	Good	Good	Good
Aug. 7	Eagle Point	Chippewa Falls, R., 8	Good	Good	Good	Good	Good	Good	Good
Aug. 8	New Auburn	New Auburn	Good	Good	Good	Good	Poor	Not all clean	Bad floor ...
Aug. 8	Bloomer	Bloomer	Good	Good	Good	Good	Good	Good	Good
Aug. 10	Tillinghast	Bloomer, R., 1	Good	Good	Good	Good	Good	Good	Poor
Aug. 10	Taylor's Corners.	Bloomer, R., 1	Not clean ...	Passable ...	Poor	Good	Poor	Good	Poor
Aug. 11	Trout Creek	Bloomer, R., 2	Good	Good	Good	Good	Good	Good	Good
Aug. 11	Vale	Bloomer, R., 3	Good	Good	Good	Good	Good	Good	Good

Skimming Stations.

July 20 Springfield	Chippewa Falls, R., 9	None	None	Poor	Not clean	Not clean	Good	Passable
Aug. 3 Edson	Edson	None	None	Good	Not clean	Not clean	Good	Passable
Aug. 11 Cooks Valley	Bloomer, R., 2	None	None	Poor	Good	Good	Good	Poor floor

CLARK CO.

Sept. 19 Pleasant Ridge	Blair	Not clean	Good	Good	Good	Good	Not all clean	Poor floor
Sept. 19 Shortville	Neillsville, R., 1	Not clean	Good	Poor	Good	Good	Good	Passable
Sept. 20 Scherwood	Granton, R., 4	Not clean	Not in order	Poor	Good	Good	Good	Passable
Nov. 11 Abbottsford	Abbottsford	Not clean	Good	Good	Not clean	Not clean	Good	Good
Nov. 8 Withee	Withee	Not clean	Good	Poor	Clean	Clean	Good	Passable
Nov. 8 Pleasant View	Withee, R., 1	Not clean	Good	Good	Not clean	Not clean	Good	Passable
Nov. 8 Longwood	Withee, R., 1	Not clean	Good	Poor	Not clean	Not all clean	Good	Passable
Nov. 9 Curtiss	Curtiss	Clean	Good	Poor	Clean	Clean	Good	Poor
Nov. 6 Thorpe	Thorpe	Not clean	Good	Poor	Not clean	Not clean	Good	Bad floor
Nov. 15 Maple Grove	Spencer, R., 2	Not clean	Good	Poor	Not clean	Passable	Good	Passable
Nov. 17 Christie	Neillsville, R., 3	Not clean	Good	Poor	Not clean	Not clean	Good	Passable
Nov. 17 Crystal	Greenwood, R., 1	Clean	Good	Good	Clean	Clean	Good	Good
Nov. 17 Eaton	Greenwood, R., 1	Passable	Good	Passable	Clean	Clean	Good	Good
Nov. 16 Loyal	Loyal	Passable	Good	Good	Clean	Clean	Good	Good
Nov. 25 North Star	Granton, R., 3	Good	Good	Poor	Very foul	Not clean	Good	Good
Nov. 25 York	Neillsville, R., 4	Clean	Good	Good	Clean	Clean	Good	Good
Nov. 21 Greenwood	Greenwood	Not clean	Good	Poor	Clean	Clean	Good	Good
Nov. 23 Banner	Granton, R., 2	Not clean	Good	Poor	Clean	Not clean	Good	Passable
Nov. 23 Creamery	Greenwood, R., 2	Not clean	Good	Passable	Clean	Clean	Good	Good
Nov. 23 Levis	Neillsville, R., 2	Clean	Good	Poor	Not clean	Clean	Good	Passable
Nov. 23 Day	Neillsville, R., 2	Clean	Good	Bad odor	Not clean	Passable	Good	Passable
Nov. 22 Granton	Granton	Clean	Good	Bad odor	Passable	Passable	Good	Bad floor
Nov. 27 Humbird	Humbird	Clean	Good	Passable	Not all clean	Not all clean	Good	Good
Nov. 24 Globe	Neillsville, R., 3	Clean	Good	Passable	Not clean	Clean	Good	Good
Nov. 24 Pine Valley	Neillsville	Clean	Good	Good	Clean	Clean	Good	Good
Nov. 23 Neillsville	Neillsville	Not clean	Good	Bad	Not clean	Clean	Good	Passable

Creameries.

DANE CO.

Dec. 1 Belleville	Belleville	Not clean	Out of bal.	Good	Good	Good	Good	Poor floors
Dec. 1 Paoli	Paoli	Good	Good	Good	Good	Good	Good	Good
Dec. 12 Daleyville	Mt. Horeb, R., 3	Good	Out of bal.	Good	Good	Good	Good	Good
Dec. 16 Verona	Verona	Not clean	Good	Passable	Clean	Clean	Clean	Good
Dec. 11 Ashton	Middelton, R., 3	Good	Good	Bad	Good	Good	Good	Good
July 5 Cottage Grove	Cottage Grove	Good	Good	Good	Good	Good	Good	Good
Aug. 9 Sun Prairie	Sun Prairie	Good	Good	Good	Good	Good	Good	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
DANE CO.									
1905.									
Aug. 8	Marshall	Marshall	Good	Good	Good	Good	Good	Good	Good
Aug. 8	Medina	Marshall, R. D.	Good	Good	Good	Good	Good	Good	Good
Aug. 8	Oak Park	Deerfield, R. D.	Good	Good	Good	Good	Good	Good	Good
Aug. 8	Deerfield	Deerfield, R. D.	Not clean	Good	Poor	Good	Good	Good	Good
Aug. 8	Bannon	Marshall, R., 5	Good	Good	Good	Good	Good	Good	Good
Aug. 8	Pierceville	Sun Prairie, R. D.	Not clean	Good	Good	Not clean	Not clean	Not clean	Not clean
Aug. 9	Ideal	Sun Prairie, R. D.	Good	Good	Poor	Clean	Good	Clean	Poor floors.
Aug. 9	North Bristol	Sun Prairie, R. D.	Good	Good	Poor	Clean	Good	Clean	Poor floors.
Aug. 9	Clay Ridge	Columbus, R., 3	Good	Good	Good	Clean	Good	Clean	Good
Aug. 9	York Center	Sun Prairie, R. D.	Good	Good	Good	Not clean	Not clean	Not clean	Poor
Aug. 5	Waunakee	Waunakee	Good	Good	Good	Not clean	Clean	Clean	Good
Nov. 28	Blue Mounds	Blue Mounds	Good	Good	Good	Good	Good	Clean	Good
Nov. 28	Elvers	Mt. Horeb, R. D.	Good	Good	Good	Not clean	Clean	Clean	Poor floors.
Nov. 28	Mt. Horeb Co-op.	Mt. Horeb	Good	Good	Good	Clean	Clean	Clean	Good
Nov. 29	Klevenville	Klevenville	Good	Good	Good	Clean	Clean	Clean	Good
Nov. 29	Rileys	Rileys	Not in oper.	on date of	inspection.				
Dec. 4	Mazomanie	Mazomanie	Good	Good	Good	Good	Good	Good	Poor floors.
Dec. 5	Half Way Prairie	Mazomanie	Good	Good	Good	Good	Good	Good	Good
Dec. 5	Marxville	Mazomanie	Good	Good	Good	Good	Good	Good	Good
Dec. 5	Cross Plains Dairy Co.	Cross Plains	Good	Good	Good	Good	Good	Good	Good
Dec. 5	H. M. Zander	Cross Plains	Good	Good	Good	Good	Good	Good	Good
Dec. 5	Co-op. Dairy Ass'n	Black Earth	Good	Good	Good	Good	Good	Good	Good
Dec. 6	Middleton	Middleton	Good	Good	Poor	Good	Good	Good	Good
Dec. 6	Dane	Dane	Not clean	Good	Good	Not clean	Not clean	Good	Good
Dec. 6	Springfield Corners	Cross Plains, R. D.	Good	Good	Good	Clean	Clean	Good	Poor floors.
Dec. 7	West Middleton Dairy Ass'n	Middleton, R. D.	Good	Good	Good	Clean	Clean	Good	Good
Dec. 7	Madison Dairy Produce	Madison, R., 7	Not clean	Good	Good	Clean	Clean	Good	Good
Dec. 7	Eclipse	Windsor	Good	Good	Not good	Clean	Clean	Good	Good
Dec. 7	Topen	Windsor, R. D.	Good	Good	Good	Clean	Clean	Good	Good
Dec. 7	North Windsor	De Forest, R. D.	Not clean	Good	Not good	Not clean	Not clean	Good	Good

Dec. 7	De Forest	De Forest	Closed										
Dec. 7	Norway Grove	De Forest, R. D.	Closed										
Dec. 8	East Bristol	Sun Prairie, R. D.	Good	Good	Poor	Not clean	Not clean					Poor	
Dec. 8	Excelsior	Marshall, R. D.	Clean	Good	Good	Not clean	Not clean	Good				Poor floors	
Dec. 8	Deansville	Deansville	Clean	Good	Good	Clean	Clean	Good				Good	
Dec. 9	Burke	Burke	Clean	Good	Good	Not clean	Clean	Good				Good	
Dec. 13	Ridge	Cottage Grove, R. D.		Good	Good	Clean	Clean					Poor floor	
Dec. 14	London	London		Good	Good	Clean	Good	Good				Good	
Dec. 14	Cambridge	Cambridge		Good	Good	Clean	Good	Good				Good	
Dec. 14	Rockdale	Rockdale	Good	Good	Good	Clean	Good	Good				Good	
Dec. 14	Hillside	Cambridge, R. D.	Good	Good	Good	Clean	Good	Good				Good	
Dec. 14	Utica	Utica	Good	Good	Good	Clean	Good	Good				Good	
Dec. 14	Prairie Queen	Cambridge, R. D.		Good	Good	Clean	Clean	Good				Good	
Dec. 15	McFarland	McFarland		Good	Good	Clean	Clean	Good				Good	
Dec. 15	Oak Hill Co-op	Cottage Grove	Good	Good	Good	Clean	Clean	Good				Good	
Dec. 15	Nora	Deerfield		Good	Good	Clean	Clean	Good				Good	
Dec. 16	Farmers' Co-op	Albion	Good	Good	Good	Clean	Clean	Good				Good	
Dec. 16	Rutland	Stoughton, R. D.	Not clean	Good	Poor	Bad	Not clean	Good				Passable	
Dec. 16	Oregon	Oregon, R. D.	Not clean	Good	Good	Good	Good	Good				Good	
Dec. 16	Oregon	Oregon, R. D.	Good	Good	Good	Not clean	Good	Good				Poor floor	
Dec. 16	Story	Oregon, R. D.	Good	Good	Good	Clean	Good	Good				Good	
Dec. 16	Oak Hall	Oregon, R. D.	Good	Good	Good	Clean	Good	Good				Good	
Dec. 18	University Cry	Madison	Good	Good	Good	Clean	Good	Good				Good	
Dec. 18	Model	Madison		Good	Good	Clean	Good	Good				Good	
Dec. 18	Emerald	Stoughton, R. D.	Good	Good	Good	Clean	Good	Good				Good	
Dec. 18	Cardinal	Madison	Good	Good	Good	Clean	Good	Good				Good	

Skimming Stations.

Dec. 8	Roach & Seeber Co.	Waterloo											
Dec. 9	Ideal	Sun Prairie, R. D.											
Dec. 15	Hope	Hope											
Nov. 29	Pine Bluff	Pine Bluff											

DODGE CO.

Oct. 27	Ellwood	Lomira	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
Oct. 27	Rock Riverside	Mayville	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
Oct. 26	Nabor	Knowles	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
Oct. 24	Highland	Theresa	Not clean	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
Oct. 24	Upland	Mayville	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
Nov. 1	Richwood	Richmond	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
Nov. 2	No. Lowell	Beaver Dam, R., 1	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
Nov. 3	Eureka	Reeseville	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
DODGE CO.									
1905.									
Nov. 3	Gold Medal	Reeseville	Good	Good	Passable	Good	Clean	Good	Poor
Nov. 6	Minnesota Jc.	Minnesota Jc.	Good	Good	Good	Good	Clean	Good	Good
Nov. 6	Jersey	Burnett Jc.	Good	Good	Good	Good	Clean	Good	Good
Nov. 7	Rolling Prairie	Rolling Prairie	Good	Good	Good	Not clean	Clean	Good	Good
Nov. 8	Kotenberg	Waupun, R., 23	Good	Poor	Good	Clean	Clean	Good	Good
Nov. 8	Fox Lake	Fox Lake	Good	Good	Good	Good	Clean	Good	Good
Nov. 8	So. Trenton	Fox Lake, R., 1	Good	Good	Good	Good	Clean	Good	Good
Nov. 9	So. Randolph	Randolph	Good	Poor	Poor	Good	Clean	Good	Good
Nov. 9	Lost Lake	Randolph	Good	Good	Good	Good	Clean	Good	Good
Nov. 10	Elba	Columbus	Good	Good	Good	Good	Clean	Good	Good
Nov. 10	Oak Grove	Waterloo	Good	Good	Good	Good	Clean	Good	Good
Nov. 10	Danville	Danville	Good	Good	Good	Good	Clean	Good	Good
Nov. 10	Elba Center	Columbus, R., 5	Not clean	Good	Good	Good	Clean	Good	Good
Nov. 10	Lotus	Beaver Dam, R., 1	Good	Good	Good	Good	Clean	Good	Good
Nov. 10	Beaver Dam	Beaver Dam, R., 4	Good	Good	Good	Good	Clean	Good	Good
Nov. 10	Burgess	Beaver Dam	Good	Good	Good	Good	Clean	Good	Good
Nov. 10	Rudebusch	Beaver Dam	Good	Good	Good	Good	Clean	Good	Good
Nov. 14	Cold Spring	Waterloo, R.	Good	Good	Good	Good	Clean	Good	Good
Nov. 16	Toland	Hartford, R., 1	Good	Good	Good	Not clean	Clean	Good	Good
Nov. 9	Atwater	Atwater	Good	Good	Good	Good	Clean	Good	Good
Nov. 10	Grove Prairie Lake Shore	Reeseville Randolph, R., 2	Good	Good	Good	Not clean			
Skimming Stations.									
Nov. 14	White Clover	Waterloo			Good	Good	Good		Good
Nov. 17	Welsh Road	Richwood			Poor	Not clean	Not clean		Poor
Nov. 3	Lowell Farmers	Lowell			None	Clean	Clean	Good	Good
Nov. 3	Nashay	Reeseville			Good	Clean	Good	Good	Poor
Nov. 10	Silver Leaf	Reeseville			Good	Clean	Good	Good	Good
Nov. 2	Clear Water	Reeseville			Poor		Passable	Good	Poor
Nov. 1	Emmet Grove	Watertown			Poor	Good		Good	Passable
Nov. 1	Liberty	Watertown			Poor	Good		Good	Good
Oct. 26	Elgin	Oakfield			None		Not good	Good	Poor

Oct. 26	W. Brownsville ..	Oakfield .....	.....	.....	Good	Clean	Good	Good	Poor floor...
Oct. 26	Highland	Oakfield .....	.....	.....	Good	Good	Good	Good	Passable

DOOR CO.

Sept. 21	Jarchow	Forestville, R., 1 .....	.....	.....	Good	Poor	Good	Good	Poor
Sept. 21	Ullsperger	Forestville, R., 1 .....	.....	.....	Good	Bad	Good	Good	Good
Sept. 21	Forestville	Forestville .....	.....	.....	Poor	Bad	Good	Good	Not clean
July 21	Brussels North	Brussels	Good .....	.....	Good	Poor	Good	Good	Good
July 21	Kolberg	Kolberg .....	.....	.....	Good .....	.....	Good	Not clean	Good
July 21	Brussels South	Brussels .....	.....	.....	Good .....	.....	Good	Good	Good
	Jacksonport .....	.....	.....	.....	.....	.....	.....	.....	.....

DUNN CO.

Aug. 9	Sand Creek	Sand Creek	Good	Good	Good	Good	Good	Good	Good
Aug. 23	Ridgeland	Ridgeland	Good	Good	Good	Good	Good	Good	Good
Sept. 6	Meridan	Meridan	Good	Good	Good	Good	Good	Good	Good
Sept. 6	Rock Falls	Rock Falls	Good	Good	Good	Good	Good	Good	Good
Sept. 7	Downsville	Downsville	Good	Good	Good	Good	Good	Good	Good
Sept. 7	Dunnville	Dunnville	Not clean	Good	Good	Not clean	Poor	Good	Poor
Sept. 8	Rusk	Rusk	Good	Good	Poor	Clean	Good	Good	Good
Sept. 8	Hudson Road	Menominee, R. D.	Clean	Good	Poor	Clean	Good	Good	Poor
Sept. 8	Knapp	Knapp	Clean	Good	Passable .....	.....	Not clean	Good	Poor
Sept. 9	Elk Lake Farm	Menominee, R., 2	Clean	Good	Poor .....	.....	Good	Good	Good
Sept. 9	Elk Mound	Elk Mound	Not clean	Good	Good	Clean	Good	Good	Poor
Aug. 22	Boyceville	Boyceville	Not clean	Poor	Good	Clean	Not clean	Good	Good
Aug. 22	Wheeler	Wheeler	Clean	Good	Good	Clean	Not clean	Good	Good
Aug. 23	Connorsville	Downing, R., 1	Clean	Good	Good	Clean	Good	Good	Good
Aug. 23	Downing	Downing	Not clean	Good	Passable .....	.....	Good	Good	Good
Aug. 27	Hatchville	Hatchville	Not clean	Good	None .....	.....	Not clean	Passable	Good

Skimming Stations.

Aug. 11	Eau Galle	Eau Galle	Not clean	Good	Good	Good	Good	Good	Poor
Aug. 21	Colfax	Colfax .....	.....	Good	Good	Good	Good	Good	Poor floor...
Aug. 23	Chimney Rock	Downing	Good .....	.....	Bad	Not clean	Good	Good	Bad
Aug. 8	Station	Menominee, R., 4	Clean	built in 1904	Bad	Good	Good	Good	Poor

DOUGLAS CO.

Dec. 12	Hawthorne	Hawthorne	Creamery	but never	operated.	Fine plant
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CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
EAU CLAIRE CO.									
1905.									
July 22	Augusta	Augusta	Good	Good	Good	Clean	Passable	Good	Poor
July 24	Russells Corners	Augusta	Good	Good	Good	Clean	Good	Good	Good
July 24	Diamond Valley	Augusta	Not clean	Good	Poor	Not clean	Not clean	Good	Poor floor
July 25	Fairchild	Fairchild	Good	Good	Good	Clean	Not clean	Good	Good
July 19	Washington	Eau Claire	Good	Good	Good	Clean	Good	Good	Good
July 19	Brackett	Eau Claire, R., 4.	Good	Good	Good	Clean	Good	Good	Good
July 19	Pleasant Valley	Eleva, R., 1.	Good	Good	Good	Clean	Good	Good	Good
July 20	Fall Creek	Fall Creek	Good	Good	Good	Clean	Good	Good	Good
July 20	Ludington	Fall Creek		Good	Passable	Not clean	Good	Good	Passable
Skimming Stations.									
July 20	Ludington	Ludington	Not clean	Good	Good	Not clean	Not clean	Not all clean	Poor
July 21	Fall Creek No. 2.	Fall Creek	Not clean	Passable	Good	Clean	Not clean	Not all clean	Poor
July 21	Fall Creek No. 1.	Fall Creek			Bad		Not clean	Clean	Passable
July 21	Scott Valley	Augusta							
July 21	Rosedale	Fall Creek			Poor	Not clean	Passable	Good	Passable
July 25	Kirkham Valley	Augusta			Bad	Not clean	Good	Good	Good
FOND DU LAC CO									
Nov. 2	Fairwater	Fairwater		Good	Good	Good	Good	Not clean	Good
Nov. 2	Bloch	Fairwater			Good	Good	Good	Good	Good
Nov. 3	Sand Stone	Ripon		Good	Good	Good	Good	Good	Not clean
Nov. 3	England	Ripon, R., 15.			Not in order	Good	Not all clean	Good	Poor floor
Nov. 4	Van Dyne	Van Dyne		Good	Passable	Good	Not all clean	Good	Good
Nov. 4	Decker	Fond du Lac	Good		Good	Good	Not all clean	Good	Good
Oct. 10	St. Cloud	New Holstein, R., 3	Good	Good	Good	Good	Not all clean	Good	Good
Oct. 10	Calumet Harbor	Peebles, R., 37		Good	Good	Good	Good	Good	Good
Oct. 11	Alpha	Garnet	Good	Good	Good	Good	Good	Good	Good
Oct. 11	Johnsburg	Peebles, R., 39			Good	Good	Not all clean	Not all clean	Good
Oct. 14	Silica	Malone, R., 39			Good	Good	Not all clean	Good	Poor floor
Oct. 16	Lakeside	Peebles			Good	Not clean	Not all clean	Not all clean	Poor

Oct. 21	Byron	Byron	Good	Good	Good	Not all clean	Good	Poor floor...	
Oct. 23	Oakfield	Oakfield	Good	Good	Good	Not all clean	Good	Poor floor...	
Oct. 23	Consolidated	Fond du Lac	Good	Good	Good	Good	Some bad	Good	
Oct. 23	Highland	Oakfield, R., 37	Good	Good	Good	Not all clean	Good	Good	
Oct. 23	No. Byron	Fond du Lac, R., 5	Good	Poor	Not clean	Clean	Some dirty	Good	
Oct. 24	Jacques	Brandon, R., 21	Good	Good	Good	Not all clean	Good	Good	
Oct. 24	Willow Creek	Waupun, R., 25	Good	Good	Good	Poor	Good	Good	
Oct. 24	Banner	Waupun, R., 1	Good	Good	Good	Good	Good	Good	
Oct. 24	Oak Center	Oak Center	Good	Good	Good	Not all clean	Good	Good	
Oct. 25	Waupun	Waupun	Good	Good	Good	Good	Good	Good	
Oct. 25	Waupun Dairy Co	Brandon, R., 20	Good	Good	Good	Not all clean	Some dirty	Good	
Oct. 25	County Line	Waupun, R., 33	Good	Bad	Not clean	Not all clean	Good	Bad	
Oct. 25	Alto	Waupun, R., 23	Good	Good	Good	Not all clean	Good	Good	
Oct. 31	Rosendale	Rosendale	Good	Good	Good	Not all clean	Good	Bad	
Nov. 1	Rogersville	Fond du Lac	Good	Good	Good	Good	Good	Poor floor...	
Nov. 1	Town Line	Fond du Lac	Good	Good	Good	Good	Good	Good	
Nov. 2	Brandon	Brandon	Good	Good	Good	Good	Good	Poor	
Nov. 2	Brandon Co-op.	Brandon	Good	Good	Good	Not all clean	Good	Not clean	
Skimming Stations.									
Nov. 25	Alto	Waupun, R., 19	Good	Bad	Good	Not all clean	Good	Not clean	
Nov. 24	Waupun Dairy	Brandon, R., 20	Good	Good	Good	Good	Good	Good	
Oct. 31	Eldorado	Eldorado	Good	Good	Good	Good	Good	Good	
Oct. 31	Rosendale	West Rosendale	Good	Good	Good	Good	Good	New	
Oct. 31	Nettleman	Eldorado, R., 10	Good	Good	Good	Not all clean	Not all clean	Good	
Nov. 1	Garb	Rosendale, R., 12	Good	Good	Good	Not all clean	Not all clean	Poor floor...	
Nov. 2	Waupun Dairy No. 2	Brandon, R., 19	Good	Good	Good	Good	Good	Good	
Nov. 3	Ripon Produce No. 1	Ripon, R., 14	Good	Good	Good	Good	Good	Good	
Nov. 3	Ripon Produce No. 2	Ripon, R., 15	Good	Good	Good	Not all clean	Good	Bad	
Nov. 3	Ripon Produce No. 3	Ripon, R., 15	Good	Good	Good	Not all clean	Good	Good	
Nov. 4	Van Dyne	Van Dyne, R., 9	Good	Good	Good	Good	Good	Good	
Nov. 11	Nettleman, No. 2	Van Dyne, R., 9	Good	Good	Good	Good	Good	Good	
Oct. 10	Michels	Malone, R., 39	Good	Good	Good	Good	Good	Good	
Oct. 14	Halfman	Malone, R., 38	Good	Good	Good	Good	Good	Good	
Oct. 20	Meyers, No. 1	Campbellsport	Good	Good	Good	Good	Good	Good	
Oct. 19	Meyers, No. 2	Campbellsport	Good	Good	Good	Good	Good	Good	
Oct. 21	So. Byron	So. Byron	Passable	Clean	Good	Not all clean	Good	Bad	
Oct. 24	Consolidated	Oakfield, R., 26	Good	Good	Good	Good	Good	Good	
Oct. 24	Jacques	Waupun, R., 25	Bad	Good	Good	Good	Good	Not clean	
Oct. 24	Willow Creek	Waupun, R., 25	Bad	Good	Good	Not all clean	Not all good	Bad	
Oct. 25	Kotenburg	Oakfield, R., 26	Passable	Not clean	Good	Good	Not all good	Good	
Oct. 25	Kotenburg	Waupun, R., 2	Bad	Good	Good	Good	Good	Poor floor...	

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk cans.	Condition of apparatus.	Condition of cans.	Condition of building.
Combined B. & C. Factories.		FOND DU LAC CO.							
1905.									
Oct. 11	Calvary	Calvary	.....	.....	Needs trap...	Not clean ...	Not all clean	Good	Good
Oct. 12	Blonien	St. Cloud, R. D.	.....	.....	Bad	Not clean ...	Good	Good	Good
Oct. 13	Kohlman	St. Cloud, R., 42.	.....	.....	Bad	Not clean ...	Not all clean	Not all clean	Not clean ...
Oct. 26	Ridge Road	Fond du Lac, R., 2	.....	.....	Good	Good	Good	Good	Good
Nov. 1	Lamartine	Fond du Lac	.....	.....	Good	Passable ...	Not all clean	Not all clean	Not clean ...
		GRANT CO.							
Sept. 22	Livingston	Livingston	Not clean ...	Good	Good	Not clean ...	Not clean ...	Good	Good
Oct. 18	Farmers' Co-op.	Montfort	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 20	Fennimore	Fennimore	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 20	Farmers' Mutual	Fennimore	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 21	Ideal	Fennimore	Clean	Good	Good	Not clean ...	Not clean ...	Not all clean	Good
Nov. 6	Crooked Creek	Boscobel	Clean	Not good ...	Good	Good	Clean	Good	Poor floor...
Nov. 7	Boscobel	Boscobel	Clean	Good	Good	Good	Clean	Good	Good
Nov. 8	Green River Valley	Fennimore	Clean	Not good ...	Good	Good	Clean	Good	Poor
Nov. 8	Millville	Millville	Not clean ...	Good	Good	Not clean ...	Clean	Good	Poor
Nov. 8	Mt. Horeb	Mt. Horeb	Clean	Good	Good	Clean	Clean	Good	Good
Nov. 8	Mt. Ida	Mt. Ida	Clean	Good	Good	Clean	Clean	Good	Good
Nov. 8	Werley	Werley	Clean	Good	Good	Clean	Clean	Good	Good
Nov. 9	Stitzer	Stitzer	Clean	Good	Good	Clean	Clean	Good	Good
Nov. 10	Lancaster	Lancaster	Clean	Good	Good	Not clean ...	Clean	Good	Poor floor...
Nov. 10	Bloomington	Bloomington	Clean	Not good ...	Bad	Not clean ...	Not all clean	Bad	Good
Nov. 10	Patch Grove	Patch Grove	Clean	Good	Good	Good	Good	Good	Good
Nov. 10	Bradsville	Platteville	Clean	Good	Good	Good	Not all clean	Poor	Good
Nov. 11	North Andover Dairy	No. Andover	Not clean ...	Good	Good	Not clean ...	Not all clean	Good	Poor floor...
Nov. 11	Bee Town	Bee Town	Clean	Good	Good	Not clean ...	Good	Good	Good
Nov. 14	Platteville C. & B. Co.	Platteville	Clean	Good	Good	Clean	Good	Good	Good
Nov. 14	Arthur	Platteville	Clean	Good	Good	Clean	Good	Good	Good

Nov. 14 Platt Ridge	Livingstone	Not clean	Good	Good	Clean	Good	Good	Good
Nov. 14 Ellenboro	Ellenboro	Good	Good	Good	Clean	Good	Good	Good
Nov. 15 Whig	Platteville	Good	Good	Good	Clean	Good	Good	Good
Nov. 15 Potosi	Potosi	Good	Good	Good	Clean	Good	Good	Poor floor
Nov. 15 Cornelia	Platteville	Good	Good	Good	Clean	Good	Good	Good
Nov. 16 Dickysville	Dickysville	Good	Poor	Has none	Not clean	Not all clean		Poor floor
Nov. 16 Kielar	Louisburg	Closed temp.						
Nov. 16 Louisburg	Louisburg	Good	Good	Good	Not clean	Not clean		Poor floor
Nov. 16 Georgetown	Georgetown	Clean	Good	Good	Clean	Not all clean	Good	Poor floor
Nov. 16 Hazel Green	Hazel Green	Clean	Good	Good	Clean	Clean	Good	Good
Nov. 17 Cuba City	Cuba City	Clean	Good	Good	Not clean	Not clean	Good	Poor
Nov. 18 Elmo	Elmo	Not running						
Nov. 18 Burton		Not running						
Nov. 18 Hurricane		Not running						
Nov. 18 Cassville		Not running						

Skimming Stations.

Nov. 18 Preston	Preston	Not running						
Oct. 19 Middle Ridge	Stitzer	Good	Good	Good	Clean	Good	Good	Good
Nov. 8 Joe Beadle	Millville			Bad		Clean	Clean	Good
Nov. 14 Buckwheat Ridge	Ellenboro			Passable	Clean	Clean	Good	Good
Nov. 14 Bunker Hill	Ellenboro			Good	Clean	Clean	Good	Good
Nov. 15 Big Platt	Platteville			Good	Clean	Clean	Good	Good
Nov. 15 Big Patch	Platteville	Clean		Good	Clean	Clean	Good	Good

GREEN CO.

Nov. 14 Dayton	Dayton		Good	Good	Good	Good	Good	Good
Dec. 4 Browntown	Browntown	Good	Good	Good	Not clean	Good	Good	Good
Nov. 29 Brodhead	Brodhead	Good	Good	Good	Good	Good	Good	Good
Nov. 29 Brooklyn	Brooklyn	Good	Good	Good	Good	Good	Good	Good

Condensed Milk Factory.

Monroe Condensing Factory

Monroe								
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CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
GREEN LAKE CO.									
1905.									
Nov. 24	Green Lake	Markesan .....	.....	Good	Good	Good	Good	Good	Good
Nov. 24	Markesan	Markesan .....	.....	Good	Good	Good	Good	Good	Good
Nov. 24	Manchester	Manchester	Good	Good	Good	Good	Good	Good	Good
Dec. 4	St. Marie	Princeton	Good	Good	Good	Good	Good	Good	Poor floor..
Dec. 4	Princeton	Princeton	Good	Good	Good	Good	Good	Good	Good
Dec. 5	Golden Age	Kingston .....	.....	Good	Good	Not clean ..	Not clean ..	Good	Not clean ..
Dec. 6	Berlin	Berlin	Good	Good	Good	Good	Good	Good	Not clean ..
Dec. 6	Brooklyn	Dartford	Good	Good	Good	Good	Good	Good	Not clean ..
Skimming Station.									
Nov. 23	Rush Lake	Rush Lake .....	.....	.....	.....	.....	.....	.....	Good
Nov. 23	Blumenstein	Berlin .....	.....	.....	Good	Good	Good	Good	Poor floor..
Nov. 24	Ripon Produce ..	Ripon	Closed .....	.....	.....	.....	.....	.....	.....
Nov. 24	Centerhouse	Markesan .....	.....	.....	Good	Good	Not clean ..	Good	Not clean ..
Nov. 24	Glans	Fairwater .....	.....	.....	Bad	Good	Good	Good	Good
Nov. 25	Friday, No. 1.....	Markesan .....	.....	.....	.....	.....	.....	.....	.....
Nov. 25	Friday, No. 2.....	Markesan .....	.....	.....	Good .....	.....	.....	Good .....	.....
Nov. 25	Morris	Waupun, R. D. ....	.....	.....	Good	Good	Good	Good	Poor floor..
Nov. 25	Stickles	Markesan, R. D. ....	.....	.....	.....	.....	.....	.....	.....
Nov. 25	German Settlem't	Markesan, R. D.	Closed .....	.....	.....	.....	.....	.....	.....
Dec. 4	Black Creek Dairy Association	Neshkoro	Closed .....	.....	.....	.....	.....	.....	.....
Dec. 4	Black Creek Co-op	Princeton	Closed .....	.....	.....	.....	.....	.....	.....
Dec. 5	Haas, No. 1.....	Kingston	Closed .....	.....	.....	.....	.....	.....	.....
Dec. 5	Haas, No. 2.....	Kingston	Closed .....	.....	.....	.....	.....	.....	.....
Dec. 5	Friday, No. 3.....	Princeton	Closed .....	.....	.....	.....	.....	.....	.....
Dec. 6	Big Island	Berlin	Closed .....	.....	.....	.....	.....	.....	.....
Dec. 6	Blumenstein	Fairburn	Closed .....	.....	Good	Good .....	.....	Good	Good
Dec. 6	Brooklyn	Dartford .....	.....	Good .....	.....	.....	Not all clean	.....	.....

IOWA CO.

Sept. 9 Otter Creek	Edmund, R. 1.	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 12 Mitchell Griffiths.	Dodgeville		Poor	Good	Clean	Clean	Good	Poor floor
Sept. 19 Cobb	Cobb	Clean	Good	Good	Clean	Clean	Good	Poor
Sept. 19 High Point	Cobb	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 19 Edmund	Edmund	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 23 Spenceley & Hoan	Mineral Point	Clean	Good	Good	Not clean	Clean	Good	Poor floor
Sept. 27 Highland	Highland	Clean	Good	Poor	Clean	Clean	Good	Good
Oct. 3 Arena	Arena	Clean	Good	Good	Not clean	Not all clean	Good	Good
Oct. 16 Jonesdale	Jonesdale	Not running						
Oct. 16 Peck's Bad Boy	Dodgeville	Not running						
Oct. 3 Mounds Creek	Blue Mounds	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 7 Salem	Dodgeville	Clean		Good	Clean	Clean	Good	Good
Sept. 7 Hollyhead	Dodgeville			Good	Not clean	Not clean	Good	Poor floor
Sept. 8 Bloomfield	Edmund			Bad odor	Not clean	Not clean	Good	Good
Sept. 15 Ridgeway	Ridgeway	Clean	Poor	Good	Clean	Clean	Good	Poor floor
Sept. 13 Linden	Linden				Not clean	Not clean	Good	Poor
Sept. 19 Spring Valley	Edmund				Clean	Not clean	Good	Good
Sept. 18 Dry Bone	Montfort				Not clean	Not clean	Good	Poor

IRON CO.

Dec. 8 Saxon Dairy Ass'n Saxon Closed for winter.

JACKSON CO.

Nov. 1 Alma Center	Alma Center	Good	Good	Good	Good	Good	Good	Good
Nov. 1 Silver Mound	Schlerville	Good	Good	Good	Good	Good	Good	Good
Nov. 2 York Co-op.	Hixton, R. 1	Good	Good	Good	Good	Good	Good	Good
Nov. 3 Melrose	Melrose	Good	Good	Good	None	Good	Good	Good
Nov. 3 Disco	Disco	Good	Good	Good		Good	Good	Good
Nov. 3 Irving	Black River Falls, R. 6	Good	Good	Good	Good	Good	Good	Good
Nov. 25 Taylor	Taylor	Closed						
Nov. 30 Spring Brook	Alma Center	Good						
Nov. 31 Merrillan	Merrillan	Good						
Nov. 30 Wrightsville	Black River Falls.	Good						
Nov. 3 Black River Falls	Black River Falls.	Closed						

Skimming Stations.

Nov. 27 Beef River	Osseo, R. 4.			Poor	Clean	Good	Good	Good
Nov. 1 No. Branch	Hixton, R. 1.	Not clean	Good	Good	Clean	Good	Good	Good
Nov. 2 Northfield	Northfield		Good	None	Not clean	Good	Good	Good
Nov. 21 Price	Fairchild, R. 2.			None		Good	Good	Good
Nov. 27 Levis	Osseo, R. 4.					Good		

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tanks.	Condition of apparatus.	Condition of cans.	Condition of building.
1905.		JEFFERSON CO.							
Aug. 10	W. Blumenstein	Sullivan	Good	Good	Good	Good	Good	Good	Good
Aug. 10	Oakhill B. & C. Co	Palmyra, R. 1	Good	Good	Good	Good	Good	Good	Good
Aug. 10	Rome	Rome	Good	Good	Good	Good	Good	Good	Good
Aug. 11	Concord	Concord	Good	Good	Good	Good	Good	Good	Good
Aug. 11	Pipersville	Watertown, R. 3	Good	Good	Good	Good	Good	Good	Good
Aug. 11	Ixonia B. & C. Co	Ixonia	Good	Good	Good	Good	Good	Good	Good
Aug. 11	Roberts	Oconomowoc	Not clean	Good	Good	Good	Good	Good	Good
Aug. 12	Farmington Cent'r	Johnson Creek	Good	Good	Good	Good	Good	Good	Good
Aug. 1	Alliston	Watertown, R. 4	Good	Good	Good	Good	Good	Good	Good
Aug. 1	Bernhardt	Hellenville	Good	Good	Good	Good	Good	Good	Good
Aug. 14	Palmyra	Palmyra	Good	Good	Good	Good	Good	Good	Good
Aug. 15	Godfrey	Whitewater, R. 3	Good	Good	Good	Good	Good	Good	Good
Aug. 15	Clover Hill	Whitewater	Good	Good	Good	Good	Good	Good	Good
Aug. 15	Bille & Marshall	Whitewater, R. 3	Good	Good	Good	Good	Good	Good	Good
Aug. 15	Cold Spring	Whitewater, R. 3	Good	Good	Good	Good	Good	Good	Good
Aug. 16	So. Koshkonong	Ft. Atkinson, R. 3	Good	Good	Good	Good	Good	Good	Good
Aug. 16	Koshkonong	Koshkonong	Good	Good	Good	Good	Good	Good	Good
Aug. 16	Duck Creek	Hellenville, R. 1	Good	Good	Good	Good	Good	Good	Good
Aug. 16	Stoneville	Jefferson, R. 4	Good	Good	Good	Good	Good	Good	Good
Aug. 18	Maple Leaf	Jefferson, R. D	Good	Good	Good	Good	Good	Good	Good
Aug. 18	East Side	Jefferson	Good	Good	Good	Good	Good	Good	Good
Aug. 18	Deer Creek	Jefferson, R. 5	Good	Good	Good	Good	Good	Good	Good
Aug. 19	Black Hawk	Ft. Atkinson, R.	Good	Good	Good	Good	Good	Good	Good
Aug. 19	Rock Springs	Ft. Atkinson, R. 5	Good	Good	Good	Good	Good	Good	Good
Aug. 19	Sumner	Ft. Atkinson, R. 5	Good	Good	Good	Good	Good	Good	Good
Aug. 19	Central	Cambridge, R. 1	Good	Good	Good	Poor	Good	Good	Good
Aug. 19	Oakland Center	Ft. Atkinson, R. 1	Good	Good	Good	Bad	Not clean	Good	Good
Aug. 19	Ripley	Ft. Atkinson, R. 1	Good	Good	Good	Good	Good	Good	Good
Aug. 19	Wards	Ft. Atkinson, R. 1	Good	Good	Good	Good	Good	Good	Good
Aug. 21	Badger	London, R. 8	Good	Good	Bad	Good	Good	Good	Good
Aug. 21	Newville	Waterloo, R. 3	Good	Good	Good	Good	Good	Good	Good
Aug. 21	Star	Lake Mills, R. 1	Good	Good	Good	Good	Good	Good	Good
Aug. 22	Waterloo B. & C.	Waterloo	Good	Good	Good	Good	Good	Good	Good
Aug. 22	Fountain	Waterloo	Good	Good	Good	Good	Good	Good	Good

Aug. 22 Island	Waterloo, R. 2	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 22 Kypkie Grove	Waterloo, R. 2	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 23 Faville Grove	Lake Mills	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 23 Cambridge	Cambridge	Not clean	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 24 Union	Cambridge	Not clean	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 24 Rock Lake	Lake Mills, R. 1	Not clean	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 24 Clark & Reynolds Cold Springs Cy. Co.	Whitewater	Good	Good	Good	Good	Good	Good	Good	Good	Poor floor
Aug. 25 Fair View	Ft. Atkinson	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 25 Rock River Valley	Jefferson, R. 2	Good	Good	Good	Good	Clean	Clean	Good	Good	Good
Aug. 25 Riverside	Johnson Creek R. 2	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 26 Aztalan	Jefferson, R. 2	Good	Good	Good	Good	Clean	Clean	Good	Good	Good
Aug. 26 Riverside	Lake Mills, R. 2	Good	Good	Good	Good	Clean	Clean	Good	Good	Good
Aug. 26 Monarch	Lake Mills, R. 2	Good	Good	Good	Good	Clean	Clean	Good	Good	Good
Aug. 26 Acme, No. 1	Johnson Creek R. 3	Not clean	Good	Good	Good	Not clean	Not clean	Good	Good	Good
Aug. 26 Crescent	Watertown R. 6	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 26 Banner	Watertown R. 6	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 28 Hubbleton	Lake Mills	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 29 Acme, No. 2	Hubbelton	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 29 Ebenezzer	Watertown, R. 6	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 29 Jahnke	Watertown, R. 5	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 30 Geo. Mansfield	Watertown	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 30 Grell B. & C. Co.	Johnson Creek	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 30 Ayrshire	Johnson Creek	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 31 Rock Valley	Jefferson	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 31 Hoards	Ft. Atkinson	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 31 Bark River C. & B. Co.	Hebron	Good	Good	Good	Good	Good	Good	Good	Good	Good
Skimming Stations										
Aug. 10 Jersey Dale	Dousman, R. 33	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 10 Maple Grove	Rome	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 11 North	Oconomowoc, R. 27	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 12 Concord	Sullivan, R. 27	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 12 Bakertown	Helenville	Good	No tester	Bad	Bad	Good	Good	Good	Good	Bad
Aug. 12 Wolfgram	Helenville	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 15 Melendys Prairie	Palmyra	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 16 Galloway	Whitewater	Good	No tester	Good	Good	Good	Good	Good	Good	Poor floor
Aug. 16 Finch's Corner	Ft. Atkinson	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 16 Whitney	Ft. Atkinson, R. 2	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 17 Cushman's Mills	Sullivan, R. 1	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 17 Helenville	Helenville	Good	Good	Good	Good	Good	Good	Good	Good	Good
Aug. 19 Black Hawk	Ft. Atkinson, R. 5	Good	Good	Good	Good	Good	Good	Good	Good	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
Skimming Stations.									
JEFFERSON CO.									
1905.									
Aug. 21	Maple Grove	Waterloo	Good	Good	Good	Good	Good	Good	Good
Aug. 25	Fairview	Jefferson	Good	Good	Good	Good	Good	Good	Good
Aug. 30	Beilka	Johnson Creek	Good	Good	Good	Good	Good	Good	Good
Aug. 31	Star	Ft. Atkinson	Good	Good	Good	Good	Good	Good	Good
Aug. 31	North Branch	Ft. Atkinson	Good	Good	Good	Good	Good	Good	Good
Aug. 29	Gilt Edge	Watertown	Good	Good	Bad	Good	Good	Good	Good
JUNEAU CO.									
Oct. 11	Hustler	Hustler	Good	Good	Good	Good	Good	Good	Good
Oct. 11	Camp Douglas	Camp Douglas	Good	Good	Good	Good	Good	Good	Good
Oct. 11	Frank Steiner	New Lisbon	Good	Good	Good	Good	Good	Good	Good
Oct. 10	Necedah	Necedah	Good	Good	Good	Good	Good	Good	Good
Oct. 7	Union Center	Union Center	Good	Good	Good	Good	Good	Good	Good
Oct. 7	Wonewoc	Wonewoc	Good	Good	Good	Good	Good	Good	Good
Oct. 6	North Valley	Mauston, R. 1.	Good	Good	Poor	Not clean ..	Good	Good	Poor
Oct. 25	Mauston	Mauston	Good	Good	Passable ..	Good	Not clean ..	Bad	Bad
Oct. 7	Badger State	Elroy	Bad	Good	Bad	Good	Not clean ..	Bad	Bad
Skimming Stations.									
Oct. 5	Westfield	Linden	Good	Good	Good	Good	Good	Good	Good
Oct. 11	Lee	Elroy	Good	Good	Good	Good	Good	Good	Good
KENOSHA CO.									
Sept. 7	Fox River	Wheatland	Good	Good	Good	Not clean ..	Not clean ..	Good	Bad
Sept. 7	Slades' Corners ..	Slades Corners	Good	Passable ..	Poor	Clean	Good	Good	Good
Sept. 8	Farmers' Dairy Association	Bassetts	Good	Good	Good	Not clean ..	Good	Good	Poor
Sept. 8	Farmers' Wilmot.	Wilmot	Good	Good	Good	Clean	Good	Good	Good
Sept. 8	Trevor	Trevor	Good	Good	Good	Not clean ..	Good	Not all clean	Good
Sept. 8	Farmers' Salem ..	Salem	Good	Good	Good	Good	Good	Good	Good

18-D. & F.

Sept. 8 Pikeville	Bristol	Good	Good	Good	Clean	Good	Good	Good
Sept. 8 Farmers' Bristol	Bristol	Good	Good	Good	None	Good	Good	Good
Sept. 9 Woodworth	Bristol, R. 31	Not clean	Poor	Good	Good	Not clean	Good	Poor
Sept. 9 Devlin	Pleasant Prairie	Good	Good	Good	Good	Not clean	Good	Poor
Sept. 5 Kenosha	Kenosha	Not clean	Poor	Good	Good	Not clean	Good	Poor
Sept. 6 Somers	Somers	Good	Good	Good	Good	Good	Good	Good
Sept. 6 Star	Somers, R. D.	Not clean	Good	Bad	Not clean	Not clean	Good	Poor
Sept. 6 Paris Corners	Union Grove, R. D. .....	.....	.....	Good	Good .....	.....	.....	.....
Sept. 6 Brighton	Kahsasville, R. 16	Good	Good	Good	Not clean	Not clean	Not all good	Passable
Sept. 7 Klondike	Salem, R. 23	Good	Good	Good	Good	Good	Good	Good
Sept. 7 New Munster	New Munster	Good	Good	Good	Clean	Good	Good	Good
Skimming Station.								
July 26 Paris Skim Sta....	Union Grove .....	.....	.....	Passable	Clean	Good	Not all clean	Good
KEWAUNEE CO.								
Sept. 5 Bottkol	Casco, R. 2 .....	.....	Poor	Not good	Clean	Good	Clean	Good
Sept. 8 Rio Creek	Algoma, R. 2 .....	.....	Good	Good	Clean	Good	Not all clean	Clean
Sept. 8 Rankin	Algoma, R. 2 .....	.....	Good	Bad	Clean	Good	Good	Good
Sept. 19 Algoma	Algoma, R. 4 .....	.....	Good .....	.....	Not clean	Good	Good	Good
LACROSSE CO.								
Oct. 26 Bangor Dairy	Bangor	Good	Good	Good	None	Good	Good	Good
Oct. 26 Barre Mills	West Salem, R. 2	Good	Good	Good	Good	Good	Good	Good
Oct. 27 West Salem	West Salem	Good	Good	Good	Good	Good	Good	Good
Oct. 26 Mindoro	Mindovo	Good	Good	Good	Good	Good	Good	Good
Oct. 27 Holmen	Holmen	Good	Good	Good .....	.....	Good	Good	Good
Oct. 26 Ice Cream & Butter Co.	La Crosse	Good	Good	Good .....	.....	Good	Good	Good
Skimming Stations.								
St. Josephs Dairy .....	.....	.....	.....	.....	.....	.....	.....	.....
Ass'n .....	.....	.....	.....	.....	.....	.....	.....	.....
Newburg Corners .....	.....	.....	.....	.....	.....	.....	.....	.....

LINCOLN CO.

Dec. 8 Irma	Irma	Closed temp.		Good					
Dec. 9 Scott & Corning	Merrill, R. 1	Good	Good	Good	Good	Good	Good	Good	Good
Dec. 11 Dudley	Pine River	Closed temp.		Good					

MANITOWOC CO.

Sept. 6 Engelbrecht & Fey	Manitowoc		Good			Good	Good	Not clean	
Sept. 10 Mishicott	Mishicott		Good			Good	Good	Good	
Sept. 6 Davis	Manitowoc			Good		Good	Good	Not clean	

Combined Butter & Cheese Factories.

Aug. 14 Huigess	Cleveland			Good				Few rusty	Good
Aug. 15 Cleveland	Cleveland			Good		Good	Good	Good	Good
Aug. 15 Sixel	Cleveland, R. 2			Good		Good	Good	Few bad	Not clean
Aug. 21 Kasbaum	Valders, R. 2			None		Good	Clean	Clean	Good
Aug. 21 Barenbruch	Manitowoc, R. 1			Good		Good	Clean	Clean	Good
Aug. 23 English Lake	Manitowoc, R. D.			Good		Good	Good	Not all good	Good
Aug. 23 Duebner	Manitowoc, R. 3			Good		Not all clean			Not clean
Aug. 23 Siggelkow	Cleveland, R. 3			Good		Good	Good	Good	Good
Aug. 23 Lake Shore	Timothy			Good		Good	Good	Not all good	Good
Aug. 23 Ackerman	Manitowoc, R. 3			Poor		Good	Good	Good	Good
Aug. 23 Weyer	Manitowoc, R. 2			Poor		Not clean	Good	Good	Not clean
Aug. 23 Kolmezyk	Whitelaw			Good		Good	Good	Some bad	Good
Aug. 23 Cato	Cato			Good		Not clean	Good	Some bad	Passable
Sept. 5 River Road	Manitowoc, R. 4			Good		Good	Good	Good	Passable
Sept. 9 Bucholz	Two Rivers			Good		Good	Good	Good	Good
Sept. 9 Saxonville	Mishicott, R. 3			Good		Not all clean	Good	Good	Passable
Sept. 19 Engelland	Mishicott, R. 3			Bad	Good	Good	Some poor	Good	Good

MARATHON CO.

Nov. 13 Brown	Colby, R. 1	Not clean	Good	Poor			Clean	Good	Good
Nov. 14 Unity	Unity	Clean	Good	Good			Clean	Good	Good
Nov. 15 Knowlton	Knowlton	Clean	Good	Good	Good		Clean	Good	Good
Nov. 16 Stettin	Stettin	Clean	Good	Good	Good		Clean	Good	New
Nov. 17 Tigerville	Wausau, R. 1	Clean	Good	Good	Good		Clean	Good	Good
Nov. 18 Texas	Wausau, R. 4	Clean	Good	Good	Good		Clean	Good	Good
Nov. 18 Sun Rise	Wausau, R. 2	Clean	Good	Good	Good		Good	Good	Good
Nov. 18 Sun Set	Wausau	Closed temp.			Good				
Nov. 21 Marathon County	Wausau	Not clean	Good	Poor	Good		Good	Poor	New
Nov. 21 Rib Falls	Wausau	Good	Good	Good	Good		Good	Good	Good
	Wausau	Good	Good	Good	Good		Good	Good	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
Skimming Stations.									
MONROE CO.									
1905.									
Oct. 13	Enterprise	Norwalk, R. D. ..	Good	Good	Good	Good	Good	Good	Good
Oct. 12	Clifton	Oakdale, R. 1.	Good	Good	Poor	Good	Good	Good	Good
Oct. 12	Indian Creek	Kendall, R. 2.	Good	Good	Good	Good	Good	Good	Good
Oct. 12	Dorset	Wilton, R. 1.	Good	Good	Good	Good	Good	Good	Good
Oct. 12	Cold Spring	Clifton, R. D.	Good	Good	Good	Good	Good	Good	Good
Oct. 12	Lenz	Kendall, R. D.	Good	Good	Good	Good	Good	Good	Good
Oct. 11	Port Station	Camp Douglas, R. 1	Good	Good	Poor	Not clean ...	Good	Good	Good
Oct. 25	Stucliff Corners ..	Kendall	Good	Good	Good	Clean	Good	Good	Good
			Good	Good	Poor	Good	Good	Good	Good
OCONTO CO.									
Nov. 7	Maple Leaf	Abrams		Not good ..	Good	Good	Not all clean	Good	Good
Nov. 8	Brookside	Brookside		Good	Good	Good	Good	Good	Good
Nov. 8	Stiles	Stiles		Bad	Good	Good	Good	Some rusty.	Not clean ...
Nov. 13	Little River	Oconto, R. 1.		Good	Good	Good	Good	Good	Good
Nov. 13	Elkhorn	Oconto, R. 1.		Good	Good	Good	Good	Good	Clean
				Good	Good	Good	Good	Good	Clean
ONEIDA CO.									
Dec. 12	Jenkins	Rhineland	Good	Good	Good	Good	Good	Good	Good
OUTAGAMIE CO.									
July 27	Dabriner & Co.	Hortonville	Good	Good	Good	Good	Good	Good	Good
July 28	Wis. B. & C. Co. ..	Medina	Good	Good	Good	Good	Good	Good	Good
July 31	Welcome	Welcome	Good	Good	Good	Good	Good	Good	Good
Aug. 2	Potts, Wood & Schroeder	Greenville	Good	Good	Good	Good	Good	Good	Good
Aug. 2	West Greenville ..	Greenville	Good	Good	Good	Good	Good	Good	Good
Aug. 7	Bovina	Shiocton	Good	Good	Good	Good	Not clean ...	Good	Bad
Aug. 9	Otto & Sons Cry. Co.	Seymour	Good	Good	Good	Good	Good	Good	Good
			Good	Good	Good	Good	Good	Good	Good

Aug. 10 Apple Creek	Appleton, R. D.....	Good	Good	Good	Good	Good	Good	Not clean ..
Aug. 11 Potts, Wood & Co.	Appleton	Good	Good	Good	Good	Good	Good	Good
Aug. Van Wyk	Appleton							

Skimming Stations.

Aug. 27 Dabrier	Hortonville	Good	Good	Bad	Good	Not clean ..	Good	Poor
Aug. 31 O. E. Knoke	Sugar Bush	Good	Good	Good	Good	Good	Good	Good
Aug. 31 Maple Creek	New London			Good	Good	Good	Good	Good
Aug. 31 Maple Creek No. 1	New London, R. 24			Good	Good	Good	Good	Good

OZAUKEE CO.

Aug. 23 Pfeiffer	Cedarburg	Good	Good	Good	Good	Good	Not all good	Good
Aug. 23 Cedarburg	Cedarburg	Good	Good	Good	Good	Good	Good	Good
Aug. 23 Five Corners	Cedarburg	Good	Good	Good	Good	Good	Good	Good
Aug. 23 Grafton	Grafton	Good	Good	Good	Good	Good	Good	Good
Aug. 24 Lake Field	Grafton	Good	Good	Good	Good	Good	Good	Good
Aug. 24 Riverside	Saukville	Good	Good	Good	Good	Good	Good	Good

PEPIN CO.

Sept. 11 Waterville	Arkansaw	Not clean ..	Good	Good	Clean	Good	Good	Good
Sept. 11 Bear Creek	Durand, R. 2.....	Not clean ..	Poor	Good	Clean	Not clean ..	Good	Poor
Sept. 11 Tarrant	Durand, R. 2.....	Not clean ..	Good	Good	Clean	Good	Good	Good

Skimming Stations.

Oct. 30 Bear Creek No. 1.	Durand, R. 1.....	Clean	Clean	Poor	Clean	Pipes uncl'n	Good	Floor poor..
Oct. 30 Skim Station No. 2	Durand, R. 2.....	Clean	Clean	Poor	Clean	Passable ..	Good	Poor floor..

PIERCE CO.

Oct. 23 Ellsworth	Ellsworth	Clean	Good	Good		Not all clean	Good	Good
Oct. 23 Esdalle	Bay City, R. 1....	Clean	Good	Good		Clean	Good	Good
Oct. 24 Beldenville	Beldenville		Good	Poor		Not clean ..	Good	Passable ..
Oct. 26 Spring Valley	Spring Valley	Not clean ..	Good	Poor		Passable ..	Good	Passable ..
Oct. 27 Gitsman	Spring Valley, R. 2	Not clean ..	Good	Poor		Clean	Good	Good
Oct. 27 Fairview	Maiden Rock, R. 1	Not clean ..	Good	Good	Good	Clean	Good	Good
Oct. 27 Elmwood	Elmwood	Good	Good	Good		Clean	Good	Good
Nov. 2 Hatchville	Menomonie	Good	Good	Good		Clean	Good	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
Cream Receiving Stations.			PIERCE CO.						
1905.									
Oct. 24	Station	Ellsworth	Clean	Good	None				Good
Oct. 24	Station	River Falls	Clean	Good	None				Good
Oct. 25	Station	River Falls	Not clean	Good	Poor				Passable
Oct. 25	Station	Prescott	Clean	Good	None				Good
Oct. 25	Station	Prescott	Clean	Good	None				Good
Skimming Station.									
Oct. 27	Exile	Plum City, R. 2	Not clean	Good	Poor	Not clean	Good		Passable
			POLK CO.						
Oct. 10	Apple River & Beaver	Range	Not clean	Good	Poor	Clean	Good	Good	Good
Oct. 10	Clayton	Richardson	Not clean	Not good	Passable	Clean	Good	Good	Had floor
Oct. 10	Clear Lake	Clear Lake	Clean	Good	Good	Clean	Good	Good	Good
Oct. 11	Amery	Amery	Not clean	Good	Good	Clean	Good	Good	Good
Oct. 11	Deronda	Deronda	Not clean	Good	Poor	Clean	Good	Good	Good
Oct. 11	Wagon Landing	New Richmond, R. 6	Not clean	Good	Poor	Not clean	Not clean	Good	Poor
Oct. 12	Volga	Amery, R. 4	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 13	Garfield	Dresser Jct., R. 1	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 13	Dresser Jct.	Dresser Jct.	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 16	Lamar	St. Croix Falls, R. 2	Not clean	Good	Poor	Clean	Clean	Good	Good
Oct. 16	Balsam Lake	Lykens	Clean	Good	Bad	Not clean	Not clean	Good	Good
Oct. 16	Georgetown	Bunyan	Not clean	Good	Good	Not clean	Clean	Good	Good
Oct. 17	Milltown	Milltown	Not clean	Good	Poor	Clean	Clean	Good	Good
Oct. 17	Luck	Luck	Not clean	Good	Good	Clean	Clean	Good	Good
Oct. 17	Duholm	Luck, R. 2	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 17	Clam Falls	Clam Falls	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 20	Atlas	Atlas	Not clean	Good	Bad	Clean	Clean	Good	Poor floor
Oct. 20	Cushing	Cushing	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 20	Wolf Creek	Wolf Creek	Not clean	Good	Good	Clean	Poor	Good	Passable
Oct. 20	Eurka	St. Croix Falls, R. 1	Clean	Good	Poor	Clean	Pipes uncl'n	Good	Passable
Oct. 20	Jensen	St. Croix Falls, R. 1	Clean	Good	Passable	Clean	Passable	Good	Passable

Skimming Stations.

Oct. 10 Pineville	Pineville	Not clean	Good	Good	Clean	Not clean	Good	Good
Oct. 11 Little Falls	Amery, R. 2	Not clean	Out of order	Good	Good	Good	Good	Good
Oct. 11 Skim Station	New Richmond, R. 6			Bad	Not clean	Not clean	Good	Passable
Oct. 11 Horse Creek	Star Prairie			Bad	Clean	Not clean	Good	Passable
Oct. 12 Dwight	Duronda, R. 1			Poor	Not clean	Pipes uncl'n	Good	Passable
Oct. 12 Nye	Nye			Poor	Good	Pipes uncl'n	Good	Passable

PORTAGE CO.

Oct. 23 Linwood	Stevens Point, R. 4	Good	Good	Good	Clean	Clean	Good	Clean
Nov. 27 New Hope	Iola	Good	Good	Good	Clean	Clean	Good	Good
Nov. 27 Rosholt	Rosholt	Good	Good	Good	Clean	Clean	Good	Good
Nov. 27 Sharon	Polonia	Good	Good	Good	Clean	Clean	Good	Good
Nov. 27 Garfield B. Co.	Garfield	Good	Good	Good	Clean	Clean	Good	Good
Nov. 28 Nelsonville	Nelsonville		Good	Good	Clean	Clean	Good	Good
Nov. 28 Stockton	Stevens Point, R. 1	Good	Good	Good	Clean	Clean	Good	Good
Nov. 28 Custer	Custer	Good	Good	Good	Clean	Clean	Good	Good
Nov. 29 Amherst Jct.	Amherst Junction	Good	Good	Good	Clean	Clean	Good	Good
Nov. 29 Amherst Jersey	Amherst	Good	Good	Good	Clean	Clean	Good	Good
Nov. 29 Lanaski	Amherst, R. 1	Good	Good	Good	Clean	Clean	Good	Good
Nov. 29 Lime Lake	Amherst, R. 2	Good	Good	Good	Clean	Clean	Good	Good
Dec. 1 Lake Thomas	Fencher	Good	Good	Good	Clean	Clean	Good	Good
Dec. 1 Arnott	Stevens Point, R. 1	Good	Good	Bad	Clean	Clean	Good	Good
Dec. 1 Buena Vista	Plover, R. 1	Not clean	Poor	Good	Clean	Clean	Not all clean	Not clean
Dec. 2 Plover	Plover	Clean	Good	Poor	Clean	Clean	Good	Good
Dec. 2 Star	Junction City		Good	Good	Passable	Clean	Not all clean	Good
Dec. 2 Empire	Junction City	Not clean	Poor	Bad	Not clean	Clean	Good	Passable
Dec. 4 Eau Plaine	Quincy	Clean	Good	Good	Not clean	Clean	Good	Good
Dec. 4 Carson	Stevens Point, R. 3		Good	Good		Clean	Good	Good
Dec. 6 Almond	Almond		Good	Good	Clean	Clean	Good	Good
Dec. 6 Blaine	Almond, R. 2	Clean	Good	Good	Clean	Clean	Good	Good
Dec. 6 Hetzel	Almond	Not clean	Good	Good	Clean	Clean	Good	Good
Dec. 6 Union	Almond, R. 1		Good	Good	Clean	Clean	Good	Good
Dec. 6 Bancroft	Plainfield, R. 3	Clean	Good	Good	Clean	Clean	Good	Good

Skimming Stations.

Nov. 23 North Star	Rosholt, R. 2			Bad	Not clean	Not clean		Not clean
Nov. 23 Ellis	Custer			Good	Not clean	Clean	Not clean	Good
Dec. 3 Chambers	Randolph			Good	Clean	Clean	Clean	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
PRICE CO.									
1905.									
Dec. 5	Park Falls	Park Falls	Good	Good	Good	Good	Good	Good	Good
Dec. 11	Kennan	Kennan	Good	Good	Poor	Good	Good	Good	Good
Dec. 11	Prentice	Prentice .....	.....	.....	.....	.....	.....	.....	.....
Dec. 12	Ogema	Ogema	Good	Good	Good	Good	Good	Good	Good
RACINE CO.									
July 26	Union Grove	Union Grove	Clean	Good	Good	Clean	Not all clean	Some dirty..	Good
Aug. 4	Caldwell	Lake Beulah, R. 26	Clean	Good	Good	Clean	Clean	Clean	Good
Aug. 29	Husher	Caledonia, R. 14	Not clean	Good	Good .....	.....	Poor	Clean	Good
Aug. 29	Kneeland	Caledonia, R. 12	Clean	Good	Good	Clean	Clean	Clean	Poor floor..
Aug. 30	Union Church	Burlington	Clean	Good	Poor	Clean	Clean	Clean	Good
Aug. 30	Raymond Center ..	Jefferson	Clean	Good	Good	Clean	Clean	Clean	Good
Aug. 30	Raymond Coop. ..	Franksville, R. 10.	Clean	Good	Good	Clean	Clean	Clean	Good
Aug. 30	Beaumont	Burlington	Clean	Good	Good	Clean	Clean	Clean	Good
Aug. 30	Waterford	Waterford	Clean	Good	Good	Clean	Clean	Clean	Good
Aug. 31	Tichigan	Waterford, R. 25.	Clean	Good	Good	Clean	Clean	Clean	Good
Aug. 31	Rochester	Rochester	Clean	Good	Good	Clean	Clean	Clean	Good
Aug. 31	Kansasville	Burlington	Clean	Good	Good	Clean	Clean	Clean	Good
Aug. 31	Mt. Pleasant	Union Grove, R. 6.	Clean	Good	Good	Clean	Clean	Clean	Good
Sept. 1	Yorkville	Union Grove, R. 6.	Clean	Good	Good	Clean	Clean	Clean	Good
Sept. 1	Ives Grove	Union Grove, R. 6.	Clean	Good	Good	Clean	Clean	Clean	Good
Sept. 11	Thompsonville ..	Franksville, R. 10.	Clean	Good	Good	Clean	Clean	Clean	Good
Sept. 2	Racine Pure Milk Co.	Racine	Clean	Good	Good	Clean	Clean	Clean	Good
Sept. 7	High Street	Burlington, R. 20.	Clean	Good	Good	Clean	Clean	Clean	Good
Skimming Stations.									
Aug. 26	Burlington	Burlington .....	.....	.....	Good	Not clean ..	Not clean ..	Clean	Passable ..
Aug. 20	Norway	Waterford	Clean	Good	Good	Clean	Clean	Not clean ..	Good
Aug. 20	North Cape	North Cape .....	.....	.....	Good .....	.....	Not clean ..	Clean	Poor floor..

RICHLAND CO.

Aug. 4 Westford	Cazenovia	Clean	Good	Bad	Clean	Not all clean	Clean	Good
July 26 Hillside	Richland Center	Clean	Good	Good	Clean	Clean	Clean	Good
July 27 Richland Center	Richland Center	Clean	Good	Good	Clean	Clean	Not all clean	Good
July 28 Viola	Viola	Clean	Good	Good	Clean	Clean	Clean	Good
July 28 Ash Ridge	Viola, R. 2	Clean	Good	Good	Clean	Clean	Clean	Good
July 28 Mill Creek	Boaz, R. 1	Clean	Good	Good	Clean	Clean	Clean	Good
Aug. 11 Sylvan	Sylvan	Clean	Good	Good	Clean	Clean	Clean	Good
Aug. 11 West Boston	Boaz, R. 5	Not yet in op						New
Aug. 2 Tavera	Tavera	Clean	Good	Good	Clean	Clean	Clean	Good
Aug. 9 Plain View	Gotham	Clean	Good	Good		Not all clean	Clean	Poor
Aug. 9 Goodrich	Lone Rock, R. 1	Clean	Good	Bad	Clean	Clean	Clean	Bad
Aug. 3 West Willow	Richland Ctr., R. 3	Not clean	Good	Poor	Clean	Clean	Clean	Good
Aug. 3 Ithaca	Ithaca	Clean	Good	Good	Clean	Clean	Clean	Good

Skimming Stations.

Aug. 5 Cazenovia	Cazenovia			Good		Clean	Clean	Good
July 27 Horse Creek	Richland Center			Good	Bad	Not clean	Clean	Not clean
Aug. 3 Lion Valley	Richland Center			Passable		Good	Clean	Good
Aug. 5 Smiths Hollow	Lime Ridge			Good	Good	Good	Clean	Good
Aug. 11 Simpson	Richland Center	Not running						
July 27 Richland Center	Richland Center			Good	Clean	Good	Clean	Passable
Aug. 9 Pine River	Richland Center			Good	Clean	Good	Clean	Good
Aug. 10 Ash Creek	Richland Center			Good	Clean	Good	Good	Bad
July 25 Ash Creek No. 2	Richland Center			Good	Clean	Clean	Good	Good
Aug. 9 Maple Row	Lone Rock, R. 1			Good	Clean	Clean	Good	Good
July 27 Gillingham	Richland Center			Good	Clean	Clean	Good	Good
Aug. 3 Willow Valley	Richland Center			Passable	Clean	Clean	Good	Poor
Aug. 9 Bear Valley	Lone Rock, R. 1			Good	Clean	Clean	Good	Good
				Bad	Clean	Clean	Good	Good

ROCK CO.

July 1 Shopiere	Shopiere	Good	Good	Good				Good
July 14 Leyden	Johnson Creek	Good	Good	Good	Clean	Clean	Good	Good
July 14 Shurtleff	Janesville	Good	Good	Good	Clean	Clean	Good	Good
Sept. 22 Center Creamery	Evansville, R. 27	Good	Good	Good	Clean	Clean	Good	Good
Sept. 22 Magnolia	Evansville, R. 27	Good	Good	Good	Clean	Clean	Good	Good
Sept. 22 Footville	Footville	Good	Good	Good	Clean	Clean	Good	Good
Sept. 22 Hanover	Hanover	Good	Good	Good	Clean	Clean	Good	Good
Sept. 22 Willow Dale	Janesville, R. 4	Good	Good	Good	Clean	Clean	Good	Good
Sept. 22 Janesville	Janesville	Good	Good	Good	Clean	Clean	Not all clean	Good
Sept. 23 La Prairie	Janesville, R. 2	Good	Good	Good	Clean	Clean	Good	Good
Sept. 23 Avalon	Avalon	Good	Good	Good	Clean	Clean	Good	Good
				Good	Clean	Clean	Good	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
ROCK CO.									
1905.									
Sept. 23	Johnstown	Avalon, R. 9	Good	Good	Poor	Clean	Clean	Good	Good
Sept. 23	Spring Brook	Whitewater	Good	Good	Good	Clean	Clean	Good	Good
Sept. 23	Afton	Afton	Good	Good	Good	Clean	Clean	Good	Good
Sept. 25	Lima	Lima	Not clean	Good	Good	Clean	Clean	Good	Good
Sept. 25	Maple Grove	Whitewater	Clean	Good	Good	Not clean	Clean	Good	Good
Sept. 26	Six Corners	Milton, R. 11	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 26	Milton	Milton	Not clean	Poor	Good	Clean	Not clean	Good	Good
Sept. 27	Riverside	Edgerton, R.	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 27	Edgerton Milk De- pot	Edgerton	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 27	Rock River	Edgerton	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 27	White Lilly	Janesville, R. 8	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 27	Harmony	Whitewater	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 27	Milton Coop.	Milton, R.	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 27	Western Newark	Newark	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 28	Orfordville	Orfordville	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 28	Spring Valley	Brodhead, R. 1	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 28	Evansville	Evansville	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 29	Eagle	Edgerton, R.	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 29	Leyden	Janesville	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 29	Indian Ford	Edgerton, R.	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 29	Edgerton Milk De- pot	Edgerton	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 26	Clinton Coop.	Clinton	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 26	Shopiere	Shopiere	Clean	Good	Good	Clean	Not all clean	Good	Good
Sept. 26	Tiffany	Tiffany	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 26	Evergreen	Janesville, R. 3	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 26	Beloit	Beloit	Clean	Good	Good	Clean	Clean	Good	Good
Sept. 12	Fairfield	Darien, R. 2	Clean	Good	Good	Clean	Clean	Good	Good
Skimming Stations.									
Sept. 22	Magnolia	Evansville			Poor	Clean	Clean		Good
Sept. 23	Emerald Grove	Emerald Grove	Clean	Good	Passable	Clean	Clean	Good	Good

Sept. 25	Eureka	Whitewater, R.	Good	Good	Good	Not clean	Clean	Good	Good	
Sept. 27	Burr Oak	Milton, R. 2	Clean	Good	Good	Clean	Clean	Good	Good	
Sept. 27	Otter Creek	Milton Jct., R. 12	Clean	Good	Good	Clean	Clean	Good	Good	
Sept. 26	Porters	Shopiere		Good	Good	Clean	Clean	Good	Good	
Sept. 23	Howe's Mill	Beloit	Clean	Good	Good	Clean	Not clean	Good	Poor	
Sept. 26	Newark	Beloit	Clean	Good	Good	Clean	Clean	Good	Good	
Sept. 29	Star	Waterloo		Good	Good	Clean	Clean	Good	Good	
Sept. 26	Station No. 3	Johnson Creek		Good	Good	Clean	Not clean	Good	Good	
Sept. 23	Station No. 3	Johnson Creek	Not clean	Bad	Good	Clean	Clean	Bad	Good	
RUSK CO.										
Aug. 24	Bruce	Bruce	Good	Good	Good		Good	Good	Good	
Aug. 25	Flambeau	Flambeau	Good	Good	Good	Clean	Good	Good	Good	
ST. CROIX CO.										
Sept. 27	Wilson	Wilson	Clean	Good	Passable	Clean	Not clean	Passable	Not clean	
Sept. 28	Woodville	Woodville	Clean	Good	Passable	Not clean	Not clean	Good	Passable	
Sept. 29	Baldwin	Baldwin	Clean	Good	Passable		Clean	Good	Good	
Sept. 29	Pine Lake	Baldwin, R. 3	Not clean	Poor	Poor	Not clean	Not clean	Passable	Poor	
Sept. 29	Dahl	Baldwin, R. 1	Not clean	Good	Poor	Not clean	Not clean	Good	Poor	
Sept. 29	Brookville	Woodville, R. 1	Not clean	Good	Bad	Clean	Not clean	Good	Poor	
Sept. 29	Hersey	Hersey	Clean	Good	Passable		Not all clean	Good	Good	
Sept. 29	Hammond	Hammond	Not clean	Good	Bad		Not clean	Good	Good	
Sept. 30	Hammond	Hammond	Good	Good	Passable		Good	Good	Poor	
Sept. 30	Crystal	New Centerville	Not clean	Good	Passable		Good	Good	Floor poor	
Sept. 30	Roberts	Roberts	Clean	Good	Passable		Clean	Good	Good	
Oct. 2	Glenwood	Glenwood	Clean	Good	Good	Not clean	Clean	Good	Good	
Oct. 3	Emerald	Emerald	Not clean	Good	Poor	Not clean	Clean	Passable	Passable	
Oct. 3	Henkel	Emerald, R. 1	Not clean	Good	Good	Clean	Churn uncl'n	Good	Poor	
Oct. 3	Ceylon	Ceylon	Not clean	Good	Good	Clean	Good	Good	Good	
Oct. 4	New Richmond	New Richmond	Not clean	Good	Bad	Clean	Not clean	Good	Poor	
Oct. 4	Star Prairie	Star Prairie	Not clean	Good	Passable	Not clean	Good	Good	Good	
Oct. 6	Deer Park	Deer Park	Clean	Good	Passable	Not clean	Good	Good	Good	
Nov. 3	Brookville	Woodville, R. 1		Good	Poor		Good	Good	Poor	
SAUK CO.										
Dec. 5	Merrimac	Merrimac								
Dec. 5	Ableman	Ableman								
Dec. 5	Ironton	Ironton								
Dec. 6	Riverside	North Freedom	Clean	Good	Good		Clean	Good	Good	
Dec. 6	Excelsior	Baraboo	Clean	Good	Good		Clean	Good	Good	
Dec. 6	Elm Grove	Baraboo	Clean	Good	Good		Clean	Good	Good	
Dec. 6	Fairfield	Baraboo, R. 1	Clean	Poor	None		Clean	Good	Good	

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
SAUK CO.									
1905.									
Dec. 7	Reedsburg	Reedsburg	Clean	Good	Good	Clean	Clean	Good	Poor floor.
Dec. 8	Winfield	Reedsburg	Not clean	Good	Good	Clean	Clean	Good	Poor floor.
Dec. 8	Lavalle Coop.	Lavalle	Clean	Good	Good	Clean	Clean	Good	New
Dec. 8	Oakhill	Reedsburg					Not clean		
Dec. 13	Sumpter	Prairie du Sac	Clean	Good	None	Clean	Clean	Good	Good
Dec. 13	Leland	Leland	Clean	Good	Good	Clean	Clean	Good	Good
Dec. 13	Black Hawk	Black Hawk	Clean	Good	Good		Poor	Good	Poor floor.
Dec. 13	Troy & Honey Ck.	Witwen	Clean	Good	Good		Clean	Good	Good
Dec. 13	Sauk City	Sauk City	Clean	Good	Good		Clean	Good	Good
Dec. 20	Oaks	Reedsburg							
Dec. 20	Valton	Cazenovia							
Dec. 20	Hill Point	Lime Ridge							
Dec. 20	Clover Leaf	Reedsburg, R.							
Dec. 8	North Prairie	Reedsburg							
Dec.	Loganville	Loganville	Clean	Good	Good	Good	Clean	Good	Good
Skimming Stations.									
Aug. 5	Washington	Lime Ridge, R. 1.			Good	Not clean	Clean	Good	Poor
Aug. 5	Lime Ridge	Lime Ridge	Clean	Good	Good	Clean	Clean	Good	Clean
Aug. 5	Sandusky	Sandusky			Bad	Clean	Clean	Good	Bad
Aug. 5	Dellona	Reedsburg			Good	Clean	Clean	Good	Poor floor.
Aug. 7	Floral	Kilbourn			Good				Good
Aug. 20	Wheelerburg	Reedsburg			Good				Good
Aug.	Goodrich	Lone Rock			Poor	Clean	Clean		Good
SHAWANO CO.									
Oct. 13	Galesburg Coop.	Leeman, R. 31.	Good	Good	Good	Clean	Clean	Not clean	Good
Aug. 21	Rose Lawn	Rose Lawn		Good	Good	Clean	Clean	Not all good	Good
Nov. 3	Tigerton	Tigerton		Good	Passable	Clean	Clean	Good	Good
Nov. 3	Wittenberg	Wittenberg	Good	Good	Good	Clean	Clean	Good	Good
Nov. 3	Tilleda	Tilleda		Good	Good		Clean		New
Oct. 12	Elmdale	Rose Lawn, R. 1.	Not all cor'ct	Good	Good	Clean	Clean	Good	Good

Oct. 27 Spring Fountain	Cecil	Not clean	Good	Good	Clean	Clean	Good	Good
Oct. 27 Bonduel	Bonduel		Good	Good	Clean	Clean	Good	New
Oct. 27 Pulcifer	Pulcifer		Good	Good	Clean	Clean	Good	Good
Oct. 24 Belle Plain	Belle Plain		Good	Good	Clean	Clean	Good	Good
Skimming Stations.								
Nov. 2 Brasil	Split Rock, R. 1			Good	Not clean	Not clean		Not clean
Oct. 26 Von Heinberg	Cecil, R. 1			None	Clean	Clean	Good	Poor
SHEBOYGAN CO.								
July 26 Ourtown	Sheboygan Flls, R.11			Poor		Good	Good	Not clean
July 23 Melindy	Sheboygan Flls, R.10			Passable	Not clean	Good	Good	Good
Combined Butter and Cheese Factories.								
July 20 Beechwood	Adell, R. 19			Good	Not clean	Good	Good	Good
July 20 Sheboygan Falls	Sheboygan Falls			Good	Clean	Good	Not all good	Good
Aug. 1 Anderson	Sheboygan Falls			Good	Clean	Not clean	Good	Not clean
Aug. 4 Glenbeulah	Glenbeulah			Good	Clean	Good	Good	Good
Aug. 7 Plymouth	Plymouth			Good	Not clean	Good	Good	Good
Aug. 12 Elkhardt	Elkhardt, R. 32			Good	Not clean	Good	Good	Good
Aug. 10 Sheboygan City	1120 N. 11th St.	} City milk dealers who make their surplus milk into butter.						
Aug. 10 Sheboygan City	1834 N. 21st St.							
Aug. 10 Sheboygan City	1423 S. 9th St.							
Aug. 10 Sheboygan City	1124 High St.							
Aug. 10 Sheboygan City	1516 12th St.							
Aug. 10 Sheboygan City	821 N. 16th St.							
TAYLOR CO.								
Nov. 23 Stetsonville	Stetsonville	Good	Good	Passable	Clean	Clean	Good	Passable
Nov. 23 Sun Rise	Medford	Good	Good	Poor	Not clean	Clean	Good	Passable
Nov. 29 Medford	Medford, R. 4	Good	Good	Passable	Clean	Clean	Good	Passable
Nov. 29 Maple Grove	Medford, R. 4	Good	Good	Poor	Clean	Clean	Good	Passable
Nov. 29 Pioneer	Medford, R. 3	Good	Good	Bad	Not clean	Clean	Good	Good
Nov. 29 Little Black	Medford	Poor	Good	Good	Clean	Clean	Good	Good
Nov. 29 Chelsea	Chelsea							Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
TREMPEALEAU CO.									
1905.									
Nov. 2	Pigeon Falls	Pigeon Falls	Good	Good	Good	Clean	Clean	Good	Good
Nov. 2	Preston	Blair	Good	Good	Good .....	.....	Clean	Good	Good
Nov. 2	Whitehall	Whitehall	Good	Good	Good .....	.....	Clean	Good	Good
Nov. 21	Artie Springs	Galesville	Good	Good	Good .....	.....	Clean	Good	Good
Nov. 21	North Bend Co-op	Melrose, R. 3	Good	Good	Good .....	.....	Clean	Good	Good
Nov. 21	Ettrick	Ettrick	Good	Good	Good .....	.....	Clean	Good	Good
Nov. 21	Centerville	Trempealeau, R.	Good	Good	Bad .....	.....	Clean	Good	Poor floor...
Nov. 22	Arcadia Co-op	Arcadia	Not clean	Good	Good .....	.....	Passable	Good	Good
Nov. 22	Arcadia	Arcadia	Good	Good	Poor .....	.....	Good	Good	Good
Nov. 25	Hegg	Blair .....	.....	.....	.....	.....	.....	.....	.....
Nov. 25	Independence	Independence	Good	Good	Good .....	.....	Passable	Good	Poor
Nov. 27	Osseo	Osseo	Good	Good	Good .....	.....	Good	Good	Good
Nov. 28	Eleva	Eleva	Good	Good	Good .....	.....	Good	Good	Good
Nov. 28	Strum	Strum	Good	Good	Good .....	.....	Good	Good	Good
VERNON CO.									
Oct. 16	Viroqua	Viroqua	Good	Good	Good .....	.....	Good	Good	Good
Oct. 17	Westby	Westby	Good	Good	Good .....	.....	Good	Good	Good
Oct. 17	Bloomingtondale	Bloomingtondale, R. 3	Good	Good	Good .....	.....	Good	Good	Good
Oct. 17	Rockton	Rockton	Good	Good	Poor	Not clean	Good	Not clean	Poor floor...
Oct. 19	Retreat	De Soto, R. 2	Good	Good	Good .....	.....	Good	Clean	Good
Oct. 20	Chaseburg	Chaseburg	Good	Good	Good .....	.....	Good	Clean	Good
Oct. 20	Coon Valley	Coon Valley	Good	Good	Passable .....	.....	Good	Clean	Good
Oct. 24	Hillsboro	Hillsboro	Good	Good	Poor	Not clean	Poor	Clean	Poor floor...
Skimming Stations.									
Oct. 20	Esofea	Westby, R. 2	Good .....	.....	Passable .....	.....	Good	Clean	Good
Oct. 17	Ontario	Ontario	Good	Good	Good	Clean	Good	Clean	Poor floor...
Oct. 17	Brush Creek	Cashton .....	.....	.....	Passable .....	.....	Good	Clean	Passable
Oct. 24	Dilley	Dilly	Good	Good	Poor	Clean	Good	Clean	Poor

Oct. 25	Mt. Tabor	Mt. Tabor	Not clean	Good	Poor	Clean	Good	Clean	Passable
Oct. 25	Millers Prairie	Elroy, R. 1.	Clean	Good	Poor	Clean	Not clean	Clean	Bad
Oct. 25	Hills Prairie	Elroy, R. 1.	Clean	Good	Poor	Not clean	Not clean	Clean	Bad
WALWORTH CO.									
Aug. 6	Lake Beulah	Lake Beulah	Good	Good	Good	Not clean	Clean	Good	Good
Aug. 25	East Troy	East Troy	Good	Good	Good	Good	Clean	Good	Good
Aug. 25	Troy Center	Troy Center	Good	Good	Good	Good	Clean	Good	Good
Aug. 25	Troy Co-op.	Troy Center, R. 2.	Good	Good	Good	Good	Clean	Good	Good
Aug. 25	Hillburn	Lake Beulah	Good	Good	Good	Good	Clean	Good	Good
Aug. 25	Lake Beulah	Lake Beulah	Good	Good	Good	Good	Clean	Not all clean	Good
Aug. 24	Honey Creek	Honey Creek	Good	Good	Passable	Good	Not clean	Clean	Good
Aug. 24	Grove Corners	Elkhorn, R. 4.	Good	Good	Poor	Good	Clean	Clean	Good
Aug. 26	Spring Prairie	Spring Prairie	Good	Good	Good	Good	Clean	Clean	Good
Aug. 26	Spring Valley Center	Burlington, R. 4.	Good	Good		Good			
Aug. 26	Lyons	Lyons	Good	Good	Good	Good	Clean	Clean	Good
Aug. 19	Island	Whitewater, R. 1.	Not clean	Good	Good	Good	Clean	Clean	Good
Aug. 19	Town Line	Whitewater, R. 1.	Clean	Good	Good	Good	Clean	Not all good	Good
Aug. 19	Richmond	Delavan, R. 1.	Not clean	Good	Good	Good	Poor	Not all good	Poor
Aug. 19	Lyman	Whitewater, R. 5.	Clean	Good	Good	Good	Good	Good	Good
Aug. 19	Heart Prairie	Whitewater, R. 5.	Clean	Good	Good	Good	Good	Good	Poor floor...
Aug. 19	Clover Valley	Whitewater, R. 5.	Clean	Good	Good	Good	Good	Good	Good
Aug. 19	Nonpareil	Whitewater	Clean	Good	Good	Good	Good	Good	Good
Aug. 20	Fountain	Whitewater, R. 4.	Clean	Good	Good	Good	Good	Good	Good
Aug. 20	Little Prairie	Eagle, R. 33.	Clean	Good	Poor	Good	Good	Good	Good
Aug. 20	Le Grange	Whitewater, R. 4.	Clean	Good	Good	Good	Good	Good	Good
Aug. 20	Adams B. & C.	Troy Center, R. 1.	Clean	Poor	Poor	Good	Good	Good	Good
Aug. 20	Reliance	Whitewater, R. 5.	Clean	Good	Good	Good	Good	Good	Good
Oct. 3	Kays Park	Hebron, R. 2.	Clean	Good	Good	Good	Good	Good	Good
Oct. 3	Bloomfield Cry	Bloomfield	Clean	Good	Good	Good	Good	Good	Good
Oct. 3	Springfield	Springfield	Clean	Good	Good	Good	Good	Good	Good
Oct. 3	East Delavan	East Delavan	Clean	Good	Good	Good	Not all good	Good	Poor floor...
Oct. 25	East Delavan	East Delavan	Clean	Good	Good	Good	Good	Not all clean	Poor floor...
Sept. 4	Elkhorn	Elkhorn	Clean	Good	Good	Not clean	Good	Good	Good
Sept. 12	Lake Lawn	Delavan	Clean	Poor	Good		Clean	Good	Poor
Sept. 12	Quigley	Delavan	Clean	Good	Poor		Good	Not all clean	Poor
Sept. 12	Frost	Delavan	Clean	Good	Good		Good	Good	Good
Sept. 12	Delavan Springs	Delavan	Clean	Good	Good	Clean		Not all clean	Poor floor...
Sept. 12	Star	Delavan, R. 2.	Not clean	Good	Poor	Clean	Not clean	Good	Poor floor...
Sept. 12	Darien	Darien	Good	Good	Good	Clean	Good	Good	Good
Sept. 12	Columbia	Allen Grove	Not clean	Good	Good	Clean	Good	Good	Good
Sept. 12	North Sharon	Sharon, R. 2.	Not clean	Good	Poor	Clean	Good	Not clean	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
1905.									
WALWORTH CO.									
Sept. 14	Potter	Elkhorn, R. 6.....	Good	Good	Passable ...	Not clean ...	Good	Good	Good
Sept. 14	Silver Lake	Elkhorn, R. 3.....	Not clean ...	Good	Poor	Clean	Good	Good	Good
Sept. 14	Millard	Elkhorn, R. 3.....	Not clean ...	Good	Good	Clean	Good	Not all clean	Good
Sept. 14	Sugar Creek	Elkhorn, R. 7.....	Clean	Good	Good	Not clean ...	Good	Not all clean	Passable ...
Sept. 15	Farmers Cry. Co. .	Walworth, R. 1....	Not clean ...	Good	Poor	Clean	Good	Good	Passable ...
Sept. 15	Walworth	Walworth	Not clean ...	Good	Passable ...	.....	Not clean ...	Good	Passable ...
Sept. 15	Kays Park	Hebron	Good	Good	Good	Not clean ...	Not clean ...	Good	Poor
Sept. 15	Lake View	Walworth, R. 2....	Good	Good	Good	Not clean ...	Not clean ...	Good	Poor
Sept. 15	Zenda	Zenda	Good	Good	Good	Clean	Clean	Good	Good
Sept. 15	Lake Geneva	Lake Geneva	Not clean ...	Good	Good	Clean	Clean	Good	Good
Sept. 16	Bloomfield Center.	Bloomfield	Good	Good	Good	Clean	Not clean ...	Good	Not clean ...
Sept. 16	North Bloomfield.	North Bloomfield..	Not clean ...	Good	Good	Clean	Poor	Good	Poor floor...
Skimming Stations.									
Sept. 19	Prairie	Whitewater	Good .....	.....	Passable ...	Clean	Good	Good	Good
Sept. 16	North Geneva	Elkhorn, R. 5.....	Good	Good	Good	Clean	Good	Good	Good
WASHBURN CO.									
Dec. 15	Farmers Co-op. ...	Spring Brook	Not clean ...	Good	Good	Good	Good	Good	New
Dec. 15	Shell Lake	Shell Lake	Clean	Good	Good .....	.....	Good	Good	Good
WASHINGTON CO.									
July 6	Gilt Edge	Hartford	Clean	Good	Good	Good	Good	Good	Good
Aug. 3	Maxon	West Bend	Clean	Good	Good	Good	Good	Good	Good
Aug. 3	West Bend	West Bend	Clean	Good	Good	Good	Good	Good	Good
Aug. 4	Kirchhayn	Cedarburg, R. 2....	Clean	Good	Good	Good	Good	Good	Good
Aug. 10	Maxon	Schleisingerville ..	Clean	Good	Good	Good	Good	Good	Good
Aug. 17	Allenton	Allenton	Not clean ...	Good	Good	Good	Good	Good	Good
Aug. 18	Kewaskum	Kewaskum	Clean	Good	Good	Good	Good	Good	Good
Aug. 23	Germantown	Germantown	Clean	Good	Poor	Good	Good	Good	Poor floor...
Aug. 23	Friestadt	Thiensville	Clean	Good	Poor	Good	Good	Good	Good

Skimming Stations.

Aug. 6 Waukesha Milk Co	Jackson	Clean	Good	Poor	Poor	Good	Good	Good
Aug. 18 Kohns	Kewaskum			Poor	Clean	Good	Good	Good
WAUKESHA CO.								
Aug. 3 Waukesha	Waukesha	Clean	Good	Good	Passable	Passable	Good	Good
Aug. 3 Mukwonago	Mukwonago	Not clean	Good	Good	Clean	Clean	Good	Poor
Aug. 4 Eagle	Eagle	Clean	Good	Good	Clean	Clean	Good	Good
Aug. 5 Jericho	Eagle, R.	Clean	Good	Good	Not clean	Clean	Good	Good
Aug. 5 North Prairie	North Prairie	Clean	Good	Good	Passable	Clean	Good	Poor
Aug. 10 Saylesville	Waukesha, R. 1.	Clean	Good	Poor	Not clean	Clean	Good	Poor
Aug. 10 Oakdale	Waukesha	Clean	Good	Good	Clean	Not clean	Good	Good
Aug. 11 Sussex	Sussex	Clean	Good	Good	Clean	Not clean	Good	Poor
Aug. 11 Fussville	Menominee Falls	Clean	Good	Good	Clean	Clean	Good	Good
Aug. 11 Crystal Spring	Menom. Falls, R. 19	Clean	Good	Good	Not clean	Clean	Good	Good
Aug. 12 Waukesha Milk Co	Menominee Falls	Clean	Good	Good	Clean	Clean	Good	Good
Aug. 12 Merton	Merton	Clean	Good	Good	Clean	Clean	Good	Good
Aug. 12 Pewaukee	Pewaukee	Clean	Good	Good	Clean	Clean	Good	Good
Aug. 12 Gold Medal	Pewaukee			Good	Clean	Clean	Not all good	Good
Aug. 14 Vernon	Waukesha, R. 2.	Clean	Good	Good	Clean	Clean	Good	Good
Aug. 14 Prince of Wales	Wales	Clean	Good	Passable	Clean	Clean	Clean	Good
Aug. 15 Delafield	Delafield	Clean	Good	Good	Clean	Not clean	Clean	Poor
Aug. 15 Hartland	Hartland	Clean	Good	Good	Clean	Clean	Clean	Good
Aug. 15 North Lake	North Lake	Clean	Good	Good	Clean	Not all clean	Clean	Good
Aug. 15 Stone Bank	Nashotah	Clean	Good	Good	Clean	Good	Clean	Good
Aug. 16 Brown Street	Oconomowoc	Not clean	Good	Good	Not clean	Good	Clean	Poor floor
Aug. 16 Monterey	Oconomowoc, R. 26	Not clean	Poor	Good	Clean	Not all clean	Clean	Good
Aug. 16 Oak View	Oconomowoc	Not clean	Good	Good	Clean	Not clean	Clean	Passable
Aug. 16 Silver Lake	Oconomowoc	Not clean	Good	Good	Clean	Not clean	Clean	Good
Aug. 16 River Bend	Dousman	Clean	Good	Good	Clean	Clean	Clean	Good
Aug. 17 Battle Creek	Oconomowoc, R. 28	Not clean	Good	Poor	Clean	Not clean	Not all clean	Poor
Aug. 17 Hartman	Oconomowoc, R. 28	Not clean	Good	Good	Clean	Good	Good	Good
Aug. 18 Big Bend	Mukwonago, R. 47	Good	Good	Good	Clean	Good	Good	Poor floor
Aug. 18 Muskego	Muskego	Good	Good	Good	Clean	Clean	Good	Good
Aug. 18 Crystal Spring	Muskego, R. 10.	Good	Good	Bad	Clean	Passable	Good	Poor floor
Aug. 18 Prospect	Waukesha, R. 4.	Good	Good	Passable	Clean	Good	Not all clean	Poor
Aug. 18 Guthrie	Waukesha, R. 3.	Good	Good	Poor	Clean	Good	Clean	Good
July 12 Guthrie	Waukesha	Good	Poor	Poor	Clean	Good	Not all clean	Good
Sept. 30 Saylesville	Waukesha, R. 1.	Good	Good	Poor	Clean	Good	Good	Passable

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
Skimming Stations.									
WAUKESHA CO.									
1905.									
Aug. 16	Mapleton	Oconomowoc, R. 25	Good	.....	Good	Clean	Poor	Poor	Poor
May 15	Monches	North Lake	Good	.....	Good	Clean	Good	Good	Poor floor...
Aug. 4	Mukwonago	Waukesha, R. 7	Good	.....	Good	Clean	Good	Good	Good
Aug. 10	Trout Spring	Waukesha, R. 1	Good	Good	Good	Clean	Good	Good	Good
Aug. 11	Duplainville	Duplainville	.....	.....	Good	Not clean	Poor	Good	Poor floor...
WAUPACA CO.									
July 27	Nowell	New London, R. 3	Good	Good	Good	Clean	Good	Clean	Good
Oct. 19	Symco	Symco	Good	Good	Good	Clean	Good	Clean	Good
Sept. 11	Fremont	Fremont	.....	Good	Good	Clean	Good	Clean	Good
Nov. 11	Pigeon River Co-op	Clintonville	.....	Good	Good	Clean	Good	Clean	Good
Nov. 17	Big Falls	Marion	.....	Poor	Good	Passable	Good	Clean	Good
Nov. 21	Royalton	Royalton	.....	Good	Good	Good	Good	Not all good	Good
Nov. 20	New London	New London, R. 24	.....	Poor	Poor	Passable	Good	Clean	Good
Nov. 21	Manawa	Manawa	.....	Good	Good	Clean	Not all clean	Clean	Good
Nov. 21	Spring Brook	Manawa, R. 1	.....	Good	Good	Clean	Not all clean	Clean	Good
Nov. 22	Ogdensburg	Ogdensburg	.....	Good	Good	Clean	Clean	Clean	Good
Nov. 22	Iola	Iola	.....	Good	Good	Clean	Clean	Clean	Good
Nov. 22	Northland	Northland	.....	Good	Passable	Clean	Clean	Clean	Good
Nov. 22	Silver Lake	Scandinavia	.....	Good	Good	Clean	Clean	Clean	Good
Nov. 22	Sheridan	Sheridan	.....	Good	Good	Not clean	Not all clean	Clean	Poor floor...
Nov. 23	Spring Hill	Waupaca, R. 1	Clean	Good	Good	Clean	Clean	Clean	Good
Nov. 23	Walla Walla	Waupaca, R. 3	Clean	Good	Good	Clean	Clean	Clean	Good
Nov. 24	Maple Grove	West Waupaca	Not clean	Poor	Bad	.....	Not all clean	Clean	Poor
Nov. 24	Baldwin	Weyauwega	Clean	Good	Good	Clean	Clean	Clean	Good
Nov. 24	Weyauwega	Weyauwega	.....	Good	Good	.....	Clean	Clean	Good
Nov. 24	Waupaca	Waupaca	.....	Good	Good	Clean	Clean	Clean	Good
Nov. 20	Nowell	New London, R. 3	.....	Good	Good	Clean	Clean	Clean	Good
Nov. 17	Symco	Symco	Clean	Good	Good	Clean	Clean	Clean	Good

Skimming Stations.

Sept. 11 Hickman Station..	Fremont		Good	Good		Clean	Clean	Good	
Sept. 11 Haman	Manawa		Good	Poor	Clean	Not all clean	Clean	Not clean ..	
Nov. 24 Granite Quarry ..	St. Lawrence		Good	Good	Clean	Clean	Clean	Not clean ..	
Nov. 20 Lebanon	New London, R. 3.		Good	Good	Clean	Clean	Some rusty.	Good	
Nov. 23 Derleth	Waupaca, R. 2	Not clean	Good	Bad	Not clean	Not clean ..	Good	Not clean ..	
Nov. 25 Little Wolf	Manawa		Good	Good	Clean	Clean	Good	Clean	
Milk Condensing Factory.									
July 14 New London Con-	New London	Clean	Good	Good	Clean	Clean	Good	Good	
densing Co.									
Nov. 20 New London Con-	New London	Clean	Good	Good	Clean	Clean	Good	Good	
densing Co.									
WAUSHARA CO.									
Aug. 1 Wild Rose	Wild Rose	Clean	Good	Good	Clean	Clean	Good	Good	
Aug. 2 Wautoma	Wautoma	Clean	Good	Good	Clean	Clean	Good	Good	
Aug. 2 Mt. Morris	Mt. Morris	Clean	Good	Good	Clean	Clean	Good	Good	
Oct. 20 West Plainfield ..	Plainfield, R. 1	Clean	Good	Good	Clean	Clean	Good	Good	
Oct. 20 Plainfield	Plainfield	Clean	Good	Good	Clean	Clean	Good	Good	
Oct. 19 Deerfield	Hancock, R.	Clean	Good	Good	Clean	Clean	Good	Good	
Oct. 19 Oak Ridge	Oak Ridge								
Oct. 19 Hancock	Hancock	Clean	Good	Good	Clean	Clean	Good	Good	
Oct. 19 Coloma Station ..	Coloma Station	Clean	Good	Good	Clean	Clean	Good	Good	
Oct. 15 Dakota	Dakota	Clean	Good	Good	Clean	Clean	Good	Good	
Oct. 15 Richford	Richford	Clean	Good	Passable	Clean	Clean	Good	Good	
Nov. 7 Pine River	Pine River	Clean	Good	Good	Clean	Clean	Good	Good	
Nov. 7 Brushville	Brushville	Clean	Good	Good	Clean	Clean	Good	Good	
Nov. 7 Star	Tustin	Clean	Good	Good	Clean	Clean	Good	Good	
Nov. 8 Poysippi	Poysippi	Clean	Good	Good	Clean	Clean	Good	Good	
Nov. 8 Fountain Valley ..	Poysippi	Clean	Good	Bad	Clean	Clean	Good	Good	
Nov. 8 Waushara	Berlin, R. 1	Clean	Good	Poor	Clean	Clean	Good	Good	
Nov. 8 Auroraville	Auroraville	Clean	Good	Good	Clean	Clean	Good	Good	
Nov. 9 Spring Lake	Spring Lake	Clean	Good	Good	Clean	Clean	Good	Good	
Nov. 9 Spring Brook	Berlin	Clean	Good	Good	Clean	Clean	Good	Good	
Nov. 9 Mt. Morris	Mt. Morris	Clean	Good	Good	Clean	Clean	Good	Good	
Nov. 10 Wild Rose	Wild Rose	Clean	Good	Good	Clean	Clean	Good	Good	
Nov. 10 Wautoma	Wautoma	Clean	Good	Good	Clean	Clean	Good	Good	

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
Skimming Stations.									
1905.									
WAUSHARA CO.									
Oct. 18	Coloma Corners	Coloma	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 18	Burr Oak	Coloma			Good	Clean	Clean	Good	Good
Oct. 18	Deerfield	Coloma, R.			Bad	Clean	Clean	Good	Good
Nov. 7	Saxville	Saxville	Not clean		Bad		Not clean	Good	Poor
Nov. 7	Coons Corners	Pine River	Clean		Good	Clean	Clean	Good	Good
Nov. 7	Terrill	Pine River			Good	Clean	Clean	Good	Good
Nov. 8	Borth	Borth	Clean	Good	Passable	Clean	Clean	Good	Good
Nov. 8	Shedds Island	Berlin	Clean		Bad	Clean	Clean	Good	Good
Nov. 8	Town Line	Berlin	Clean		Passable	Clean	Clean	Good	Good
Nov. 8	Clark's	Rush Lake	Bad		Poor	Bad	Bad	Good	Poor
Nov. 8	Targoville	Berlin	Good		Good	Good	Clean	Good	Good
Nov. 8	Warren	Berlin	Good	Good	Good	Good	Clean	Good	Good
Nov. 9	Marion	Spring Lake	Good	Good	Good	Good	Clean	Good	Good
Nov. 9	Bright Water	Spring Lake	Good	Good	Good	Good	Clean	Good	Good
WINNEBAGO CO.									
Nov. 6	Neenah	Neenah		Good	Good		Clean	Good	Good
Nov. 6	Menasha	Menasha		Good	Good		Clean	Good	Good
Nov. 6	Stecker	Neenah		Good	Good		Clean	Good	Good
Nov. 6	McCauley	Neenah		Good	Good		Clean	Good	Good
Nov. 6	Gibson	Neenah		Good	Good		Clean	Good	Good
Nov. 9	Rush Lake	Rush Lake		Good	Good	Clean	Clean	Good	Good
Nov. 9	Oak Grove	Berlin, R. 2.	Clean	Good	Good		Clean	Good	Good
Nov. 9	Koro	Berlin, R. 2.	Clean	Good	Good		Clean	Good	Good
Nov. 9	Omro	Omro	Clean	Good	Good	Clean	Clean	Good	Good
Nov. 10	Picketts	Picketts		Good	Good		Clean	Good	Good
Nov. 10	Jones	Picketts, R. 28.		Good	Bad		Not all clean		Poor floor
Nov. 10	Miller	Oshkosh, R. 3.		Good	Bad	Not clean	Not all clean		Not clean
Nov. 10	Nottleman	Oshkosh		Good	Bad		Not clean		Not clean
Nov. 13	Allenville	Allenville		Good	Bad		Good		Bad
Nov. 13	Tittmore	Poysippi	Clean	Good	Good	Clean	Good	Good	Good
Nov. 13	Winneconne	Westfield		Good	Poor	Not clean	Good	Good	Good
				Good	Good	Clean	Good	Good	Good

Nov. 14 Winchester	Larson, R. 14		Good	Good	Clean	Good	Good	Passable
Nov. 18 Larson	Neenah	Clean	Good	Good	Clean	Good	Good	Good
Nov. 18 Oak Hill	Neenah		Good	Good	Clean	Good	Good	Good
Nov. 20 Oshkosh Pure Milk Co.	Oshkosh	Clean	Good	Good	Clean	Good	Good	Good
Nov. 20 Nottleman Bros.	Oshkosh			Good		Poor	Good	Not clean
Nov. 20 Otto	Oshkosh			Good		Good	Good	Good
Nov. 20 Eigner	Oshkosh		Good	Good		Good	Good	Good
Nov. 20 Sperling	Oshkosh		Good	Good		Good	Good	Good
Nov. 20 Ditter	Oshkosh		Good	Good		Good	Good	Good
Skimming Stations.								
Nov. 10 Oshkosh P. M. Co.	Oshkosh	Closed						
Nov. 10 Frank	Larson, R. 13			Poor		Not clean	Poor	Good
Nov. 10 Reed	Medina	Closed						
Nov. 10 Nottleman Bros.	Oshkosh			Passable				Bad
WOOD CO.								
Oct. 23 Grand Rapids	Grand Rapids	Clean	Good	Good		Clean	Good	Good
Oct. 23 Seigel	Grand Rapids, R. 4	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 26 Randolph	Randolph	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 26 Clover Hill	Grand Rapids, R. 2	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 26 Vesper	Vesper	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 27 Grand Rapids	Grand Rapids, R. 1	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 27 Pittsville	Pittsville	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 28 Rocky Run	Pittsville	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 28 Veedum	Pittsville	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 28 Pleasant Hill	Vesper, R. 1	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 28 Hanson	Vesper, R. 1	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 30 Mill Creek	Marshfield, R. 2	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 30 North Hewitt	Marshfield	Clean	Poor	Good	Clean	Clean	Good	Good
Nov. 31 Klondike	Marshfield, R.	Clean	Good	Good	Clean	Clean	Good	Good
Nov. 1 Nasonville	Marshfield, R. 1	Clean	Good	Good	Clean	Clean	Good	Good
Nov. 2 Puerner	Marshfield	Clean	Good	Good	Clean	Clean	Good	Good
Nov. 3 Brookside	Sherry	Clean	Good	Good	Bad	Not all clean	Good	Good
Nov. 3 Mitchell & Griffiths	Dodgeville	Clean	Good	Good	Clean	Clean	Good	Good
Nov. 4 Milladore	Milladore	Clean	Good	Good	Clean	Clean	Good	Good
Skimming Stations.								
Oct. 23 Seigel No. 1	Sherry			Good	Clean	Clean	Good	Good
Oct. 26 Seigel No. 2	Sherry	Good		Good		Clean	Good	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
Skimming Stations.		WOOD CO.							
Oct. 26	Seigel No. 3.....	Mayville	Clean .....	.....	Good	Clean	Clean	Good	Good
Oct. 28	Kellerman	Vesper, R. 1 .....	.....	.....	Good	Clean	Clean	Good	Good
Oct. 30	Hewitt	Marshfield	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 30	Markee Corners	Marshfield	Clean	Good	Good	Clean	Clean	Good	Good
Oct. 31	Richfield	Marshfield, R. 2	Clean .....	.....	Good	Clean	Clean	Good	Good
Oct. 31	Maple Grove	Marshfield, R. 1	Clean .....	.....	Good	Clean	Clean	Good	Good
Nov. 2	Auburndale	Sherry	Clean .....	.....	Good	Clean	Clean	Good	Good
Nov. 3	Mill Creek	Sherry	Clean .....	.....	Good	Clean	Clean	Good	Good

MISCELLANEOUS—CREAMERY INSPECTION.

1904.									
July 1	Cadott Co-op	Cadott	Good	Good	Good	Clean	Good	Passable	Good
July 1	Chippewa Valley	Chippewa Falls	Passable	Passable	Good	Clean	Good	Passable	Good
July 6	Withee	Withee	Good	Good	Good	Clean	Passable	Good	Good
July 7	Klondike	Marshfield, R. 1	Good	Good	Good	Clean	Clean	Good	Good
July 7	Eclipse	Windsor	Good	Good	Passable	Clean	Clean	Passable	Good
July 7	De Forest	De Forest	Poor	Good	Passable	Clean	Clean	Passable	Poor
July 8	Brookside	Markesan	Good	Good	Poor	Clean	Poor	Good	Poor
July 8	Blinker	Sherry	Good	Good	Poor	Passable	Good	Good	Passable
July 8	Arlington	Arlington	Good	Good	Passable	Passable	Good	Good	Poor
July 9	Poynette	Poynette	Good	Good	Good	Clean	Clean	Good	Poor
July 11	New Lisbon	New Lisbon	Good	Good	Good	Not clean	Clean	Good	Good
July 12	Necedah	Necedah	Good	Good	Good	Good	Passable	Good	Passable
July 11	Arlington	Arlington	Good	Good	Good	Good	Passable	Not clean	Good
July 13	De Forest B. & C. Co.	De Forest	Good	Good	Passable	Clean	Not all good	Clean	Poor
July 13	Grand Rapids	De Forest	Good	Good	Poor	Clean	Vats poor	Clean	Poor
July 13	Vesper	Watertown	Good	Good	Good	Clean	Good	Clean	Good
July 14	Curtis	Vesper	Good	Good	Good	Clean	Good	Clean	Good
		Curtis	Good	Good	Poor	Clean	Good	Clean	Poor

July 14 Eclipse	Windsor	Good	Good	Passable	Clean	Good	Clean	Passable
July 14 Gridley	Schleisingerville	Good	Good	Good	Clean	Good	Clean	Good
July 15 Clover Leaf	Beloit, R. 27	Good	Good	Good	Clean	Good	Clean	Good
July 15 Little Black	Little Black	Good	Good	Good	Clean	Good	Clean	Good
July 15 Stitzer	Stitzer	Good	Good	Good	Clean	Good	Clean	Good
July 15 Fennimore	Fennimore	Good	Good	Good	Clean	Good	Clean	Good
July 18 Chelsea	Chelsea	Good	Good	Good	Clean	Good	Clean	Good
July 19 Prentice	Prentice	Good	Good	Good	Clean	Churn uncl'n	Clean	Good
July 20 Cameron	Cameron	Good	Good	Good	Clean	Good	Clean	Good
July 20 Chetek	Chetek	Good	Good	Good	Clean	Good	Clean	Good
July 20 Columbus	Columbus	Good	Good	Good	Clean	Good	Clean	Good
July 21 Jewitts Mills	Jewitts Mills	Good	Good	Good	Clean	Good	Clean	Good
July 21 Rusk	Rusk	Good	Good	Good	Clean	Good	Clean	Good
July 22 Woodville	Woodville	Good	Good	Good	Clean	Good	Clean	Good
July 22 Marshfield	Marshfield	Good	Good	Poor	Clean	Good	Clean	Good
July 23 Baldwin	Baldwin	Good	Good	Good	Clean	Good	Clean	Good
July 25 Hammond	Hammond	Good	Good	Poor	.....	Poor	Clean	Good
July 26 Roberts	Roberts	Good	Good	Good	.....	Poor	Clean	Good
July 26 New Richmond	New Richmond	Good	Good	Good	Clean	Good	Clean	Good
July 27 Ceylon	Ceylon	Good	Good	Good	Clean	Good	Clean	Good
July 28 Downing	Downing	Good	Good	Good	Clean	Good	Clean	Good
July 29 Colfax	Colfax	Good	Good	Good	Clean	Good	Clean	Good
July 29 Grafton	Grafton	Good	Good	Good	Clean	Good	Clean	Good
July 29 Cedarburg	Cedarburg	Good	Good	Good	Clean	Good	Clean	Good
July 29 Five Corners	Cedarburg	Good	Good	Good	Clean	Good	Clean	Good
July 30 Albertville	Albertville	Good	Good	Poor	Clean	Poor	Clean	Good
Aug. 2 South Wayne	South Wayne	Good	Good	Good	Clean	Good	Clean	Good
Aug. 3 Gratiot	Gratiot	Good	Good	Good	Clean	Good	Clean	Good
Aug. 3 Tomah Co-op.	Tomah	Good	Good	None	Not clean	Vats poor	Not clean	Poor
Aug. 4 Shullsburg	Shullsburg	Good	Good	Poor	.....	Good	Passable	Passable
Aug. 5 Dunbarton	Dunbarton	Good	Good	Good	Not clean	Good	Passable	Passable
Aug. 8 Crystal	Verona	Good	Good	Good	Clean	Good	Clean	Good
Aug. 9 Riley	Riley	Good	Good	Good	Clean	Good	Clean	Good
Aug. 10 Hill Point	Lime Ridge	Good	Good	Good	Clean	Good	Clean	Good
Aug. 10 Logansville	Logansville	Good	Good	Good	Clean	Good	Clean	Good
Aug. 11 Klevenville	Klevenville	Good	Good	Bad	Clean	Good	Not all clean	Good
Aug. 12 Mt. Horeb	Mt. Horeb	Good	Good	Good	Clean	Good	Clean	Good
Aug. 13 Blue Mounds	Blue Mounds	Good	Good	Good	Clean	Good	Clean	Good
Aug. 15 Sumner	Sumner	Good	Good	Good	Clean	Good	Clean	Good
Aug. 16 Dodgeville	Dodgeville	Good	Good	Good	Clean	Good	Clean	Good
Aug. 17 Edmund	Edmund	Good	Good	Good	Clean	Good	Clean	Good
Aug. 18 Montfort	Montfort	Good	Good	Good	Clean	Good	Clean	Good
Aug. 19 Fennimore	Fennimore	Good	Good	Good	Clean	Good	Clean	Good
Aug. 20 Mt. Hope	Mt. Hope	Good	Good	Good	Clean	Good	Clean	Good
Aug. 22 Fennimore Co-op.	Fennimore	Good	Good	Good	Clean	Good	Clean	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
1904.									
Aug. 23	Lancaster	Lancaster	Good	Good	Poor	Clean	Not all clean	Clean	Passable
Aug. 24	Stitzer	Stitzer	Good	Good	Good	Clean	Good	Clean	Good
Aug. 25	Ideal	Fennimore	Good	Good	Good	Clean	Good	Clean	Good
Aug. 26	Werley	Werley	Good	Good	Good	Clean	Good	Clean	Good
Aug. 27	Green River Valley	Werley, R.	Good	Good	Good	Clean	Good	Clean	Good
Aug. 28	Paoli	Paoli	Good	Good	Good	Clean	Good	Clean	Good
Aug. 30	Middleton	Middleton	Good	Good	Poor	Clean	Good	Clean	Good
Aug. 31	East Middleton	Middleton, R.	Good	Good	Good	Clean	Good	Clean	Good
Sept. 1	West Middleton	Middleton, R. 8.	Good	Good	Poor	Clean	Good	Clean	Good
Sept. 2	Cross Plains Dairy Co.	Cross Plains	Good	Poor	Passable	Clean	Good	Clean	Good
Sept. 3	Cross Plains	Cross Plains	Good	Good	Good	Clean	Good	Clean	Good
Sept. 10	Oak Hall	Oregon, R.	Good	Good	Poor	Clean	Poor	Clean	Not clean
Sept. 12	Waunakee	Waunakee	Good	Good	Good	Clean	Good	Clean	Poor
Sept. 11	Albion	Albion	Good	Good	Good	Clean	Good	Clean	Good
Sept. 13	Lodi	Lodi	Good	Good	Good	Good	Good	Clean	Good
Sept. 14	Merrimac	Merrimac	Good	Good	Poor	Good	Good	Clean	Good
Sept. 14	Klessig	Cleveland, R. 1.	Good	Good	Good	Good	Good	Clean	Good
Sept. 15	North Freedom	North Freedom	Good	Good	Good	Good	Good	Clean	Good
Sept. 16	Ableman	Ableman	Good	Good	Good	Good	Good	Clean	Good
Sept. 16	Frohmaker	Hustler	Good	Good	Good	Clean	Good	Clean	Good
Sept. 17	Excelsior	Excelsior	Good	Good	Good	Clean	Good	Clean	Good
Sept. 19	Sun Prairie	Sun Prairie	Good	Good	Good	Clean	Good	Clean	Good
Sept. 20	Deansville	Deansville	Good	Good	Good	Clean	Good	Clean	Good
Sept. 20	Brooklyn	Brooklyn	Good	Good	Good	Clean	Good	Clean	Good
Sept. 21	Marshall	Marshall	Good	Good	Good	Clean	Good	Clean	Good
Sept. 22	Waterloo	Waterloo	Good	Good	Good	Clean	Good	Clean	Good
Sept. 23	Rosendale	Rosendale	Good	Good	Poor	Not clean	Poor	Passable	Passable
Sept. 23	Clinton	Clinton	Good	Good	Good	Clean	Good	Good	Good
Sept. 24	Portland	Waterloo	Good	Good	Good	Clean	Good	Good	Good
Sept. 25	Maple Grove	Maple Grove	Good	Good	Good	Clean	Good	Good	Good
Sept. 25	Wheeler Prairie	Stoughton	Good	Poor	Good	Clean	Good	Good	Good
Sept. 25	Oak Grove	Berlin, R.	Good	Good	Good	Clean	Good	Good	Good
Oct. 5	Kewaskum	Kewaskum	Good	Good	Good	Clean	Not all good	Passable	Good

Oct. 6	West Bend	West Bend	Good	Good	Good	Clean	Good	Good	Good
Oct. 7	West Bend Co-op.	West Bend	Good	Good	Good	Clean	Good	Good	Good
Oct. 7	Waukesha	Waukesha	Good	Good	Good	Clean	Good	Good	Good
Oct. 8	Jackson B. & C. Co.	Jackson	Good	Good	Good	Clean	Good	Good	Good
Oct. 11	Gratiot	Gratiot	Good	Good	Good	Clean	Good	Good	Good
Oct. 12	Werley	Werley	Good	Good	Good	Clean	Good	Good	Good
Oct. 13	Fennimore	Fennimore	Good	Good	Good	Clean	Good	Good	Good
Oct. 13	Oregon	Oregon	Good	Good	Poor	Clean	Not all good	Not all clean	Poor floor
Oct. 14	Oak Hall	Oregon, R.	Good	Good	Good	Clean	Good	Clean	Good
Oct. 14	Fennimore Co-op.	Fennimore	Good	Good	Good	Clean	Good	Clean	Good
Oct. 15	Livingstone	Livingstone	Good	Good	Good	Clean	Good	Clean	Good
Oct. 17	Leslie	Leslie	Good	Good	Good	Clean	Good	Clean	Good
Oct. 19	Reeseville	Reeseville	Good	Good	Poor	Clean	Not all clean	Clean	Good
Oct. 19	Blue Mounds	Blue Mounds	Good	Good	Good	Clean	Clean	Clean	Good
Oct. 20	Mt. Horeb	Mt. Horeb	Good	Good	Poor	Clean	Clean	Not clean	Poor floor
Oct. 20	North Bristol	Sun Prairie, R.	Good	Good	Poor	Clean	Clean	Clean	Good
Oct. 21	Klevenville	Klevenville	Good	Good	Poor	Clean	Clean	Clean	Good
Oct. 22	Rileys	Riley	Good	Good	Good	Clean	Clean	Clean	Good
Oct. 31	Brodhead	Brodhead	Good	Good	Good	Clean	Clean	Clean	Good
Nov. 1	Orfordville	Orfordville	Good	Good	Good	Clean	Clean	Clean	Good
Nov. 2	Hanover	Hanover	Good	Good	Good	Clean	Clean	Clean	Good
Nov. 3	Footville	Footville	Good	Good	Poor	Clean	Clean	Clean	Good
Nov. 4	Center	Footville	Good	Good	Good	Clean	Clean	Clean	Good
Nov. 5	Jericho	Eagle, R.	Good	Good	Good	Clean	Clean	Clean	Good
Nov. 11	Brooklyn	Brooklyn	Good	Good	Good	Clean	Clean	Clean	Good
Nov. 11	Black Earth	Black Earth	Good	Good	Good	Clean	Passable	Clean	Poor
Nov. 12	Mazomanie	Mazomanie	Good	Good	Good	Clean	Clean	Clean	Good
Nov. 15	Oregon	Oregon	Good	Good	Good	Clean	Clean	Clean	Good
Nov. 15	Leyden	Janesville, R. 7	Good	Good	Good	Clean	Clean	Clean	Good
Nov. 17	Tiffany	Tiffany	Good	Good	Good	Clean	Clean	Clean	Good
Nov. 18	Evergreen	Janesville, R. 3	Good	Good	Bad	Clean	Passable	Clean	Good
Nov. 19	Clinton	Clinton	Good	Good	Good	Clean	Good	Clean	Good
Nov. 19	Reliance	Whitewater, R.	Good	Good	Poor	Clean	Good	Clean	Good
Nov. 19	Rosey	Richwood	Good	Good	Good	Clean	Good	Clean	Good
Nov. 20	Darien	Darien	Good	Good	Good	Clean	Good	Clean	Good
Nov. 21	Columbia	Allens Grove	Good	Good	Good	Clean	Not all good	Clean	Good
Nov. 23	South Sugar Creek	Elkhorn, R. 3	Good	Good	Good	Clean	Good	Clean	Poor
Nov. 23	Juneau	Juneau	Good	Good	Poor	Clean	Good	Clean	Good
Nov. 25	Elkhorn	Elkhorn	Good	Good	Good	Clean	Good	Clean	Good
Nov. 26	Six Corners	Milton, R.	Good	Good	Good	Clean	Good	Not all clean	Good
Nov. 26	Delavan	Delavan	Good	Good	Good	Clean	Good	Clean	Good
Nov. 29	Sauk City	Sauk City	Good	Good	Good	Clean	Good	Clean	Good
Nov. 30	Richland Center	Richland Center	Good	Good	Good	Clean	Passable	Clean	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
1904.									
Nov. 30	Richland Center	Richland Center	Good	Good	Good	Clean	Good	Clean	Good
Dec. 1	Rock Riverside	Mayville	Good	Good	Good	Clean	Good	Clean	Good
Dec. 1	Cross Plains Dairy Co.	Cross Plains	Good	Good	Good	Clean	Good	Clean	Good
Dec. 2	Cross Plains	Cross Plains	Good	Good	Good	Clean	Good	Clean	Good
Dec. 3	Middleton	Middleton	Good	Good	Bad	Clean	Good	Clean	Good
Dec. 5	Reedsburg	Reedsburg	Good	Good	Good	Clean	Good	Clean	Good
Dec. 6	La Valle	La Valle	Good	Good	Good	Clean	Good	Clean	Good
Dec. 7	Wonewoc	Wonewoc	Good	Good	Good	Clean	Poor	Clean	Bad
Dec. 8	Nabor	Knowles	Good	Good	Good	Clean	Good	Clean	Passable
Dec. 8	Union Center	Union Center	Good	Good	Good	Clean	Good	Clean	Good
Dec. 8	Ellwood	Lomira	Good	Good	Good	Clean	Good	Clean	Good
Dec. 8	Upland	Mayville	Good	Good	Passable	Clean	Good	Not all clean	Good
Dec. 9	Highland	Theresa	Good	Good	Good	Clean	Good	Clean	Good
Dec. 9	Hillsboro	Hillsboro	Good	Good	Good	Clean	Good	Clean	Good
Dec. 9	Engelwood	Fall River, R.	Good	Good	Good	Clean	Good	Clean	Good
Dec. 10	Elroy	Elroy	Good	Good	Good	Clean	Good	Clean	Good
Dec. 10	Marcellon	Pardeeville, R.	Good	Good	Good	Clean	Good	Clean	Good
Dec. 12	Glendale	Glendale	Good	Good	Good	Clean	Good	Clean	Good
Dec. 13	Kendall	Kendall	Good	Good	Good	Clean	Good	Clean	Poor floor
Dec. 13	Lindencroft	Lone Rock	Good	Good	Poor	Clean	Good	Clean	Poor
Dec. 13	Wilton	Wilton	Good	Good	Good	Clean	Good	Clean	Good
Dec. 14	Farmers Diry Assn	Bassett	Good	Good	Good	Clean	Good	Clean	Good
Dec. 15	Wilton Co-op.	Wilton	Good	Good	Good	Clean	Good	Clean	Good
Dec. 16	Ontario	Ontario	Good	Good	Good	Clean	Not all good	Clean	Poor floor
Dec. 17	Norwalk	Norwalk	Good	Good	Good	Clean	Good	Clean	Good
Dec. 19	Sparta	Sparta	Good	Good	Good	Clean	Good	Clean	Poor floor
Dec. 20	Cashton	Cashton	Good	Good	Good	Clean	Good	Clean	Poor floor
Dec. 20	Enterprise	Cashton	Good	Good	Good	Clean	Good	Clean	Good
Dec. 21	Westby	Westby	Good	Good	Good	Clean	Good	Clean	Good
Dec. 22	Viroqua	Viroqua	Good	Good	Good	Clean	Good	Clean	Good
Dec. 22	New Lisbon	New Lisbon	Good	Good	Good	Clean	Good	Clean	Good
Dec. 22	Camp Douglas	Camp Douglas	Good	Good	Good	Clean	Good	Clean	Good
Dec. 23	Clifton	Kendall, R. 3.	Good	Good	Good	Clean	Good	Clean	Good

Dec. 23	Melvina	Melvina	Good	Good	Passable	Clean	Good	Clean	Good
Dec. 28	Boscobel	Boscobel	Good	Good	Good	Clean	Good	Clean	Good
Dec. 29	Wauzeka	Wauzeka	Good	Good	Good	Clean	Good	Clean	Good
Dec. 30	Town Line	Chippewa Falls, R.	Good	Good	Good	Clean	Good	Clean	Good
Dec. 31	Kickapoo Valley	Steuben	Good	Good	Good	Not clean	Not clean	Clean	Not clean
Dec. 31	Mauston	Mauston	Good	Good	Good	Clean	Clean	Clean	Good
1905.									
Jan. 4	Milton Junction	Milton Junction	Good	Good	Good	Clean	Good	Good	Good
Jan. 5	Otter Creek	Milton Junction	Good	Good	Good	Clean	Good	Good	Good
Jan. 6	Milton	Milton	Good	Good	Good	Clean	Good	Good	Good
Jan. 7	Lima Center	Lima Center	Good	Good	Good	Clean	Good	Good	Good
Jan. 8	Nonpareil	Whitewater	Good	Good	Good	Clean	Good	Good	Good
Jan. 9	Palmyra	Palmyra	Good	Good	Good	Clean	Good	Good	Good
Jan. 10	Eagle	Eagle	Good	Good	Good	Clean	Good	Good	Good
Jan. 11	North Prairie	North Prairie	Good	Good	Bad	Not clean	Some poor	Some poor	Poor
Jan. 12	Troy Center	Troy Center	Good	Good	Good	Clean	Good	Good	Poor
Jan. 12	East Troy	East Troy	Good	Good	Good	Clean	Good	Good	Good
Jan. 13	Adams	Troy Center, R.	Good	Good	Good	Clean	Good	Good	Good
Jan. 14	Grove Corners	Reeseville, R. 2	Good	Good	Good	Clean	Good	Good	Good
Jan. 17	Martintown	Martintown	Good	Good	Good	Poor	Poor	Good	Good
Jan. 18	Woodford	Woodford	Good	Good	Good	Clean	Good	Good	Good
Jan. 19	Argyle	Argyle	Good	Good	Good	Clean	Good	Good	Good
Jan. 20	Brodhead	Brodhead	Good	Good	Good	Clean	Good	Good	Good
Jan. 21	Orfordville	Orfordville	Good	Good	Good	Clean	Good	Good	Good
Jan. 24	Hanover	Hanover	Good	Good	Good	Clean	Good	Good	Good
Jan. 25	Walworth	Walworth	Good	Good	Poor	Clean	Good	Good	Good
Jan. 26	Walworth Co-op	Walworth	Good	Good	Poor	Clean	Good	Good	Good
Jan. 27	Avalon	Avalon	Good	Poor	Good	Clean	Good	Good	Good
Jan. 27	Emerald Grove	Janesville, R. 2	Good	Good	Good	Clean	Good	Good	Good
Jan. 28	Beloit	Beloit	Good	Good	Good	Clean	Good	Good	Good
Jan. 30	Cottage Grove	Cottage Grove	Good	Good	Good	Clean	Good	Good	Good
Jan. 31	Deerfield	Deerfield	Good	Good	Poor	Clean	Good	Good	Good
Feb. 1	New London	New London	Good	Good	Good	Clean	Good	Good	Good
Feb. 3	Cambridge	Cambridge	Good	Good	Good	Clean	Good	Good	Good
Feb. 4	Rock Lake	Lake Mills	Good	Good	Good	Clean	Good	Good	Good
Feb. 8	Symco	Symco	Good	Good	Good	Clean	Good	Good	Good
Feb. 8	Wheaton	Chippewa Falls, R6	Good	Good	Good	Clean	Good	Good	Good
Feb. 15	Sullivan	Sullivan	Good	Good	Good	Clean	Good	Good	Poor
Feb. 16	River Bend	Dousman	Good	Good	Good	Clean	Good	Good	Good
Feb. 17	Wales	Wales	Good	Good	Good	Clean	Good	Good	Good
Feb. 18	Waukesha	Waukesha	Good	Good	Good	Clean	Not clean	Good	Bad
Feb. 20	Schleisingerville	Schleisingerville	Good	Good	Good	Clean	Clean	Good	Good
Feb. 21	Allenton	Allenton	Good	Good	Good	Clean	Not clean	Good	Good
Feb. 24	Mukwonago	Mukwonago	Good	Good	Good	Clean	Not clean	Good	Poor

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
1905.									
Feb. 25	Honey Creek	Honey Creek	Good	Good	Good	Clean	Good	Good	Good
Feb. 27	South Sugar Creek	Elkhorn, R.	Good	Good	Good	Clean	Good	Good	Poor
Feb. 28	Silver Lake	Elkhorn	Good	Good	Poor	Clean	Good	Good	Good
Mar. 1	Delavan Springs	Delavan	Good	Good	Good	Clean	Not all clean	Good	Good
Mar. 1	Afton	Afton	Good	Good	Good	Clean	Clean	Good	Poor floor
Mar. 3	Footville	Footville	Good	Good	Poor	Clean	Clean	Good	Good
Mar. 4	Zenda	Zenda	Good	Good	Good	Clean	Clean	Good	Good
Mar. 4	Evansville	Evansville	Good	Good	Good	Clean	Clean	Good	Good
Mar. 6	Storey	Oregon, R.	Good	Good	Poor	Clean	Clean	Good	Good
Mar. 6	Belleville	Belleville	Good	Good	Good	Clean	Clean	Good	Poor floor
Mar. 10	Rock River Valley	Johnson Creek	Good	Good	Good	Clean	Clean	Good	Good
Mar. 11	Riverside	Edgerton, R.	Good	Good	Good	Clean	Clean	Good	Good
Mar. 14	Eagle	Eagle	Good	Good	Good	Clean	Clean	Good	Good
Mar. 14	Lake Shore	Endeavor	Good	Good	Good	Clean	Clean	Good	Good
Mar. 15	Moundville	Endeavor, R.	Good	Poor	Poor	Clean	Clean	Good	Good
Mar. 15	Prince of Wales.	Wales	Good	Good	Good	Clean	Not all clean	Good	Poor
Mar. 16	Kneeland	Caledonia, R. 12.	Good	Good	Good	Clean	Clean	Good	Good
Mar. 16	Montello	Montello	Good	Good	Good	Clean	Clean	Good	Good
Mar. 17	Brandon	Brandon	Good	Good	Bad	Not clean	Clean	Good	Good
Mar. 17	Packwaukee	Packwaukee	Good	Good	Good	Not clean	Clean	Good	Good
Mar. 20	Merrimac	Merrimac	Good	Good	Good	Clean	Clean	Mostly poor	Good
Mar. 21	Ableman	Ableman	Good	Good	Good	Clean	Clean	Good	Good
Mar. 22	Wonewoc	Wonewoc	Good	Good	Good	Clean	Clean	Good	Good
Mar. 23	Hustler	Hustler	Good	Good	Good	Clean	Not all clean	Good	Good
Mar. 24	Camp Douglas	Camp Douglas	Good	Good	Good	Clean	Clean	Good	Good
Mar. 28	Westfield	Westfield	Good	Poor	Good	Clean	Clean	Good	Good
Mar. 29	Coloma Station	Coloma Station	Good	Good	Bad	Clean	Clean	Good	Good
Mar. 30	Hancock	Hancock	Good	Good	Poor	Clean	Clean	Good	Good
Mar. 30	Neillsville	Neillsville	Good	Good	Good	Clean	Clean	Good	Good
Mar. 31	Plainfield	Plainfield	Good	Poor	Good	Clean	Clean	Good	Good
Mar. 31	Shortville Co-op.	Neillsville, R.	Good	Good	Poor	Clean	Not all clean	Good	Poor floor
Mar. 31	Bahler	Randolph	Good	Good	Poor	Clean	Clean	Good	Good
Apr. 1	Loyal	Loyal	Good	Good	Good	Clean	Clean	Good	Good
Apr. 1	Wild Rose	Wild Rose	Good	Good	Good	Clean	Clean	Good	Good

Apr. 3	Wautoma	Wautoma	Good	Good	Good	Not clean	Clean	Good	Poor
Apr. 5	Medina B. & C.	Marshall, R.	Good	Good	Good	Clean	Clean	Good	Good
Apr. 5	Princeton	Princeton	Good	Good	Good	Clean	Clean	Good	Good
Apr. 4	Klondike	Salem	Good	Good	Good	Clean	Clean	Good	Good
Apr. 6	Black Creek	Black Creek	Good	Good	Good	Clean	Clean	Good	Good
Apr. 4	Farmers Cmty.	Salem	Good	Good	Good	Clean	Clean	Good	Good
Apr. 7	Brooklyn	Dartford	Good	Good	Good	Not clean	Not clean	Good	Not clean
Apr. 8	East River Valley	De Pere, R. 1.	Good	Good	Good	Clean	Clean	Good	Good
Apr. 8	West De Pere	West De Pere	Good	Good	Good	Clean	Clean	Good	Poor floor
Apr. 8	Fox River Valley	West De Pere	Good	Good	Good	Clean	Clean	Good	Good
Apr. 9	Summit	Green Bay, R. 2.	Good	Good	Good	Clean	Clean	Good	Good
Apr. 9	New Century	New Franklin	Good	Good	Good	Clean	Clean	Good	Good
April 9	Wequiock	Green Bay, R.	Good	Good	Good	Clean	Good	Good	Good
April 10	Kenning	Columbus, R.	Good	Good	Good	Clean	Good	Good	Good
April 10	Spring Brook	Columbus, R.	Good	Good	Good	Clean	Good	Good	Good
April 11	Columbus	Columbus, R.	Good	Good	Good	Clean	Good	Good	Good
April 11	Belleville	Belleville	Good	Good	Good	Clean	Good	Good	Good
April 11	Storey	Oregon, R.	Good	Poor	Good	Clean	Good	Good	Poor floor
April 12	Grand Rapids	Grand Rapids	Good	Good	Good	Good	Good	Good	Good
April 13	Silver Lake	Scandinavia	Good	Good	Good	Clean	Good	Good	Good
April 13	Bloomer	Bloomer	Good	Good	Good	Clean	Good	Good	Good
April 13	Kelloggs Corners.	Summers, R.	Good	Good	Poor	Clean	Good	Good	Poor floor
April 13	Fairchild	Fairchild	Good	Good	Good	Clean	Good	Good	Good
April 14	Ogdenburg	Ogdenburg	Good	Good	Good	Good	Good	Good	Poor floor
April 14	Iola	Iola	Good	Good	Good	Clean	Good	Good	Good
April 15	Manawa	Manawa	Good	Good	Good	Clean	Good	Good	Good
April 18	Clintonville	Clintonville	Good	Good	Good	Clean	Good	Good	Good
April 18	Koro	Berlin, R. 2.	Good	Good	Good	Good	Good	Good	Good
April 19	Hortonville	Hortonville	Good	Good	Good	Clean	Good	Good	Good
April 19	New London	New London	Good	Good	Poor	Clean	Good	Good	Good
April 19	Mill Creek	Marshfield, R.	Good	Good	Good	Clean	Good	Good	Good
April 20	Minnesota Jct.	Minnesota Jct.	Good	Good	Poor	Clean	Good	Good	Good
April 20	Medina	Medina	Good	Good	Good	Not clean	Good	Good	Not clean
April 21	Larson	Larson	Good	Good	Good	Clean	Clean	Good	Good
April 21	Auburndale	Auburndale	Good	Good	Good	Clean	Clean	Good	Good
April 21	Rudebusch	Beaver Dam	Good	Good	Good	Clean	Clean	Good	Good
April 22	Sherry	Sherry	Good	Good	Good	Clean	Clean	Good	Good
April 25	Deerfield	Deerfield	Good	Good	Poor	Clean	Clean	Good	Good
April 25	Western Newark	Newark	Good	Good	Good	Clean	Clean	Good	Good
April 26	Bernhardt	Helenville	Good	Good	Good	Clean	Clean	Good	Good
April 27	Porters Station	Shopiere	Good	Good	Good	Clean	Clean	Good	Good
April 27	Stoneville	Jefferson, R.	Good	Good	Good	Clean	Clean	Good	Good
April 28	Footville	Footville	Good	Good	Poor	Clean	Clean	Good	Good
April 28	Helenville	Helenville	Good	Good	Good	Clean	Clean	Good	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
1905.									
April 29	Maple Leaf	Jefferson, R. 3	Good	Good	Good	Clean	Clean	Good	Good
April 29	Spring Valley	Brodhead	Good	Good	Poor	Clean	Clean	Good	Good
May 2	Doyelstown	Doyelstown	Good	Good	Good	Not clean	Not clean	Good	Poor floor
May 3	Farmers' Store Co.	Bloomer	Good	Good	Good	Clean	Clean	Good	Good
May 3	Fall River	Fall River	Good	Good	Good	Clean	Clean	Good	Poor floor
May 4	Columbus	Columbus	Good	Good	Good	Clean	Clean	Good	Good
May 5	Gold Medal	Reeseville	Good	Good	Good	Clean	Clean	Good	Good
May 6	Doffenbach	Reeseville	Good	Good	Good	Clean	Clean	Good	Good
May 8	Marshall	Marshall	Good	Good	Good	Clean	Clean	Good	Good
May 9	Hubbelton	Hubbelton	Good	Good	Bad	Clean	Clean	Good	Poor floor
May 10	Ixonia	Ixonia	Good	Good	Good	Clean	Clean	Good	Good
May 10	Howard	Green Bay, R. 9	Good	Good	Poor	Clean	Clean	Good	Good
May 10	Oregon	Oregon	Good	Good	Good	Clean	Clean	Good	Good
May 12	Magnolia	Evansville	Good	Good	Good	Clean	Clean	Good	Good
May 12	Saylesville	Waukesha, R. 1	Good	Good	Good	Clean	Clean	Good	Good
May 13	Oak Hall	Oregon, R.	Good	Good	Good	Clean	Clean	Good	Good
May 16	Wiota	Darlington, R.	Good	Good	Good	Clean	Clean	Good	Good
May 17	Browntown	Browntown	Good	Good	Good	Clean	Clean	Good	Good
May 18	Gratiot	Gratiot	Good	Good	Good	Clean	Clean	Good	Good
May 19	Wittenburg	Wittenburg	Good	Good	Good	Clean	Clean	Good	Good
May 19	Dunbarton	Dunbarton	Good	Good	Good	Clean	Clean	Good	Good
May 20	Mineral Point	Mineral Point	Good	Good	Good	Clean	Clean	Good	Good
May 21	Belmont	Belmont	Good	Good	Good	Clean	Clean	Not clean	Good
May 22	Cottage Inn	Belmont	Good	Good	Good	Clean	Clean	Clean	Good
May 24	Cuba City	Cuba City	Good	Good	Good	Clean	Clean	Not all clean	Good
May 25	Pleasant View	Darlington, R. 1	Good	Poor	Poor	Clean	Clean	Clean	Poor
May 25	Elk Grove	Platteville, R. 4	Good	Good	Good	Clean	Clean	Clean	Good
May 26	Willow Creek	Loyd	Good	Good	Good	Clean	Clean	Clean	Good
May 26	Hazel Green	Hazel Green	Good	Good	Good	Clean	Clean	Not all clean	Good
May 26	Auroraville	Auroraville	Good	Good	Good	Clean	Clean	Clean	Good
May 27	Columbia	Benton	Good	Good	Good	Clean	Clean	Not all clean	Good
May 28	Platteville	Platteville	Good	Good	Good	Clean	Clean	Clean	Good
May 29	Leslie	Leslie	Good	Good	Poor	Clean	Clean	Clean	Good
May 30	Six Corners	Milton, R.	Good	Good	Good	Clean	Clean	Not clean	Good

May 30	Livingston	Livingston	Good	Good	Good	Clean	Clean	Clean	Good
May 31	Stitzer	Stitzer	Good	Good	Good	Clean	Clean	Clean	Poor floor
May 31	Ironton	Ironton	Good	Good	Good	Clean	Clean	Clean	Good
May 31	Pleasant View	Darlington, R. 1	Good	New	Good	Clean	Clean	Clean	Good
June 1	Cobb	Cobb	Good	Good	Good	Clean	Clean	Clean	Good
June 1	Lancaster	Lancaster	Good	Good	Poor	Clean	Clean	Not all clean	Good
June 2	Ellenboro	Ellenboro	Good	Good	Good	Clean	Clean	Good	Good
June 3	Cornelia	Platteville	Good	Good	Good	Clean	Clean	Good	Good
June 3	Big Plate	Platteville, R. 3		Good	Good	Clean	Clean	Good	Good
June 4	Whig	Platteville, R.	Good	Good	Good	Clean	Clean	Good	Good
June 5	Montfort	Montfort	Good	Good	Good	Clean	Clean	Good	Good
June 6	Knowles	New London, R. 3	Good	Good	Good	Clean	Clean	Good	Good
June 6	Fennimore	Fennimore	Good	Good	Good	Clean	Clean	Good	Good
June 7	Fennimore Co-op.	Fennimore	Good	Good	Good	Clean	Clean	Good	Good
June 8	Cardinal	Madison	Good	Good	Good	Clean	Clean	Good	Good
June 8	Werley	Werley	Good	Good	Good	Clean	Clean	Good	Good
June 8	Model	Madison	Good	Good	Good	Clean	Clean	Good	Good
June 9	Cobb	Cobb	Good	Good	Good	Good	Good	Good	Good
June 10	Edmund	Edmund	Good	Good	Good	Good	Good	Good	Good
June 12	East River Valley	De Pere, R. 1	Good	Good	Good	Good	Good	Good	Good
June 12	Poynette	Poynette	Good	Poor	Good	Good	Good	Good	Good
June 13	Portage	Portage	Good	Good	Good	Good	Good	Good	Passable
June 13	Fox River Valley	W. De Pere, R. 1	Good	Good	Good	Good	Good	Good	Good
June 13	Palmyra	Palmyra	Good	Good	Good	Good	Good	Good	Good
June 13	Melindys Prairie	Palmyra	Good	Good	Good	Bad	Bad	Not all clean	Not clean
June 15	Waupun Dairy Co.	Waupun	Not clean	Good	Good	Good	Good	Good	Poor floor
June 16	Oxford	Oxford	Good	Good	Good	Good	Good	Not all clean	Good
June 17	Jonesville	Oxford	Good	Good	Good	Good	Good	Good	Good
June 19	Harrisville	Harrisville	Good	Good	Good	Good	Good	Good	Good
June 20	Cambria	Cambria	Good	Good	Good	Good	Good	Good	Good
June 21	Russels Corners	Augusta	Good	Good	Good	Good	Good	Good	Good
June 21	Randolph	Randolph	Good	Good	Good	Good	Good	Good	Good
June 22	Fox Lake	Fox Lake	Good	Good	Good	Good	Not clean	Good	Good
June 27	Newark	Newark	Good	Good	Good	Good	Poor	Good	Good
June 28	Beloit	Beloit	Good	Good	Good	Good	Good	Good	Good
June 28	Mondovi D. Ass'n	Mondovi	Good	Good	Good	Good	Good	Good	Good
June 28	Brooklyn	Brooklyn	Good	Good	Good	Good	Good	Good	Good
June 29	Clinton	Clinton	Good	Good	Good	Good	Good	Good	Good
June 29	Eagleton	Bloomer, R.	Good	Good	Good	Good	Good	Good	Good
June 29	Pittsville	Pittsville	Good	Good	Good	Good	Good	Good	Good
June 30	Tiffany	Tiffany	Good	Good	Good	Good	Good	Not all clean	Good
June 30	Glendale	Glendale	Good	Good	Good	Good	Good	Clean	Good

20-D, & T.

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
1904.									
July 21	New London Con.	New London	Good	Good	Good	Good	Good	Good	Good
Nov. 22	Walworth Condens	Walworth	Good	Good	Poor	Good	Good	Good	Good
Nov. 26	Quigleys Condens.	Delavan	Good	Good	Poor	Good	Good	Good	Poor
1905.									
April 1	New London Con.	New London	Good	Good	Good	Good	Good	Good	Good
1906.									
Feb. 13	Newville	Edgerton, R. 14....	Clean	Good	Good	Good	Clean	Good	Good
Feb. 10	Eagle	Eagle	Clean	Good	Good	Clean	Clean	Good	Good
Feb. 16	Trout Creek	Bloomer, R. 2.....	Clean	Good	Good	Passable	Not clean	Good	Good
Feb. 8	Fountain City	Fountain City	Clean	Good	Good	Good	Clean	Good	Good
Feb. 6	Halfway Prairie..	Mazomanie, R. 2...	Clean	Poor	Good	Clean	Clean	Passable	Good
Mar. 17	Deansville	Deansville	Clean	Good	Good	Clean	Clean	Good	Good
Mar. 20	Princeton C. Ass'n	Princeton	Clean	Good	Good	Clean	Clean	Good	Good
Mar. 21	Oakfield	Oakfield	Clean	Good	Good	Clean	Clean	Good	Good
Mar. 22	Allenton	Allenton	Not clean	Good	Good	Clean	Clean	Not clean	Passable
Mar. 24	Newville	Waterloo, R. 3.....	Good	Good	Good	Not clean	Clean	Passed	Passable
Mar. 24	New Munster	New Munster	Good	Good	Good	Clean	Good	Good	Good
Mar. 28	Marinette Pro. Co.	Marinette	Good	Good	Good	Clean	Good	Good	Good
Mar. 29	Farmington	Helenville, R. 1....	Clean	Passable	Passable	Not clean	Clean	Good	Good
Mar. 30	Little Prairie	Eagle, R. 36.....	Clean	Good	Passable	Clean	Clean	Good	Good
Mar. 30	Star	Somers, R. 33.....	Good	Good	Good	Good	Good	Good	Poor
Mar. 31	Eagle	Eagle	Clean	Good	Good	Good	Good	Good	Good
April 3	Oak Park	Deerfield, R.	Clean	Good	Good	Good	Good	Good	Good
April 6	Farmers' Co-op. ..	Albion	Not all cor'ct ..	Poor	Good	Good	Good	Not all clean ..	Good
April 11	Vernon	Vernon	Good	Good	Good	Bad	Not clean	Good	Good
April 11	Coldwell	Lake Beulah, R. 26..	Good	Good	Good	Good	Good	Clean	Good
April 12	Badger State	Elroy	Good	Good	Good	None	Good	Clean	Good
April 12	Lake Beulah	Lake Beulah	Good	Good	Good	Good	Good	Clean	Good
April 18	Mukwonago	Mukwonago	Good	Good	Good	Good	Clean	Good	Good

April 13	Glendale Co-op.	Glendale	Good	Good	Good	Good	Good	Good	Good	Passable
April 13	Oakland Center	Ft. Atkinson	Good	Good	Good	Good	Good	Good	Good	Good
April 14	Iola	Iola	Good	Good	Good	Good	Good	Good	Good	Good
April 14	Trout Spring	Genessee	Good	Good	Good	Good	Good	Good	Good	Good
April 14	Kendall	Kendall	Good	Good	Good	Good	Clean	Good	Good	Poor
April 17	Bar River Cheese Co.	Ft. Atkinson, R. 2	Good	Poor	Good	Good	Good	Good	Good	Good
April 17	Hustler	Hustler	Good	Good	Good	Good	Good	Good	Good	Good
April 17	Chaseburg	Chaseburg	Good	Good	Good	Good	Good	Good	Good	Good
April 18	River Bend	Dousman	Good	Good	Good	Good	Good	Good	Good	Good
April 19	Battle Creek	Oconomowoc, R. 28	Good	Passable	Poor	Clean	Clean	Good	Good	Poor floor
April 19	Coon Valley	Coon Valley	Good	Good	Good	Good	Good	Good	Good	Good
April 20	Prince of Wales	Wales	Good	Good	Good	Good	Good	Good	Good	Good
April 20	Brown Street	Oconomowoc, R. 25	Good	Good	Good	Good	Good	Good	Good	Good
April 20	Fall Creek	Fall Creek	Good	Good	Good	Good	Good	Good	Good	Good
April 20	Rogersville	Fond du Lac	Good	Good	Good	Good	Good	Good	Good	Not all good
April 24	Reliance	Whitewater, R. 5	Good	Good	Poor	Good	Good	Good	Good	Good
April 24	Oakwood	Oakwood	Good	Good	Good	Good	Good	Good	Good	Good
April 24	Camp Douglas	Camp Douglas	Good	Good	Good	Good	Good	Good	Good	Good
April 24	Pleasant Valley	Eleva, R. 1	Good	Good	Good	Good	Good	Good	Good	Good
April 24	Brackett	Fall Creek, R. 4	Good	Good	Good	Good	Good	Good	Good	Good
April 25	Sommers	Sommers	Good	Good	Good	Good	Good	Good	Good	Good
April 25	Ludington	Fall Creek, R. 3	Good	Good	Good	Good	Good	Good	Good	Good
April 25	Clover Valley	Whitewater	Good	Good	Good	Good	Good	Good	Good	Good
April 25	Atwater	Atwater	Poor	Poor	Good	Good	Good	Good	Good	Good
April 25	Clifton Co-op.	Kendall, R. 3	Clean	Good	Good	Good	Clean	Good	Good	Good
April 26	Union Grove	Union Grove	Clean	Good	Good	Good	Good	Good	Good	Good
April 26	Augusta	Augusta	Clean	Good	Good	Good	Not clean	Not clean	Good	Poor
April 26	Oaksdale	Oaksdale, R. 1	Clean	Poor	Good	Good	Not clean	Passable	Good	Passable
April 26	East Richmond	Whitewater, R. 5	Clean	Good	Bad	Good	Good	Good	Good	Good
April 27	High Street	Burlington, R. 20	Clean	Good	Good	Good	Good	Good	Good	Good
April 27	Black Hawk	Black Hawk	Clean	Good	Good	Good	Good	Good	Good	Good
April 27	Lone Rock C. & B. Co.	New Lisbon	Clean	Good	Good	Good	Good	Good	Good	Good
April 27	Fountain	Whitewater, R. 4	Not clean	Good	Good	Good	Bad	Bad	Good	Passable
April 28	Marr	Whitewater	Good	Good	Good	Good	Good	Good	Good	Good
April 28	Tunnel City	Tunnel City	Not all cor'ct	Passable	Passable	Good	Good	Good	Good	Passable
April 28	Russells Corners	Augusta, R. 1	Clean	Good	Good	Good	Clean	Good	Good	Good

Skimming Stations.

April 5	Paris	Union Grove, R.	Good	Good	Good	Clean	Good	Good	Good	Good
April 18	Sanz	Hustler	Good	Good	Good	Clean	Good	Good	Good	Good
April 27	Scott Valley	Augusta	Good	Good	Good	Good	Not clean	Not all clean	Not all clean	Bad

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
Skimming Stations.									
1906.									
April 21	Skim Station No. 3	Fall Creek, R. 1...	Not clean ...	Good	Good	Clean	Clean	Clean	Poor floor...
April 26	Senz	Tomah	Good	Good	Good	Clean	Clean	Clean	Good
April 25	Clifton	Oakdale	Good	Good	Good	Clean	Clean	Clean	Good
April 25	Schroeders	Kendall	Good .....	.....	Passable	Clean	Clean	Clean	Good
April 25	Springfield	Chippewa Falls, R. 9	.....	.....	Passable	Clean	Clean	Clean	Passed
April 25	Ludington	Ludington .....	.....	.....	Good	Clean	Clean	Clean	Good
April 21	Skim Station No. 2	Fall Creek .....	.....	.....	Good	Clean	Clean	Clean	Poor floor...
May 21	Whitney	Ft. Atkinson	Clean .....	.....	Good	Clean	Clean	Clean	Good
	So. Byron	Oakfield .....	.....	.....	Poor	Passable	Clean	Clean	Passable
	Spokeville	Spokeville	Clean	Good	Poor	Clean	Clean	Clean	Good
May 1	Greenwood	Greenwood	Good	Good	Good	Clean	Clean	Good	Good
May 1	Honey Creek	Honey Creek	Good	Good	Good	Clean	Clean	Not all clean	Passable
May 2	Big Springs	Kilbourn	Good	Good	Good	Clean	Clean	Good	Good
May 2	Crescent	Watertown, R. 6.	Good	Good	Good	Clean	Clean	Good	Good
May 2	Oak View	Oconomowoc	Good	Good	Good	Clean	Clean	Good	Good
May 3	Rose Leaf	Johnson Creek	Good	Good	Good	Clean	Clean	Good	Good
May 3	Monterey	Monterey	Good	Good	Good	Clean	Good	Good	Good
May 3	Diamond Valley	Augusta	Good	Good	Good	Clean	Poor	Not all clean	Poor
May 3	Augusta	Augusta	Good	Good	Good	Clean	Clean	Clean	Good
May 4	Union Produce Co.	Whitewater	Good	Good	Good	Clean	Clean	Good	Good
May 4	Pleasant Hill	Richfield, R. 2.	Good	Good	Good	Clean	Clean	Good	Good
May 4	Plainville	Plainville	Good	Good	Good	Clean	Clean	Good	Good
May 4	Hartland	Hartland	Good	Good	Good	Clean	Clean	Good	Good
May 5	Gold Medal	Pewaukee	Good	Good	Good	Clean	Clean	Good	Good
May 5	Richfield	Richfield	Not clean	Good	None	Not clean	Not clean .....	.....	Not clean
May 9	Richfield	Richfield	Not clean	Good	None	Not clean	Not clean .....	.....	Not clean
May 19	Richfield	Richfield	Clean	Good	Good	Clean .....	.....	.....	Not clean
May 7	Mondovi Co-op.	Mondovi	Clean	Good	Good	None	Clean	Clean	Clean
May 8	Kelloggs Corners	Somers, R. 38.	Clean	Good	Good	Clean	Clean	Clean	Good
May 8	Richmond	Delavan, R. 1.	Not clean	Good	Good	Clean	Clean	Clean	Good
May 8	Mondovi D. Ass'n	Mondovi	Not clean	Good	Good	Clean	Clean	Clean	Passable
May 9	Mansfield	Johnson Creek	Clean	Good	Good	Clean	Clean	Clean	Good

May 29	Mansfield	Johnson Creek	Clean	Good	Good	Clean	Clean	Clean	Good
May 9	Anthony	Eleva, R.	Not clean	Good	Good	Clean	Clean	Clean	Good
May 9	Kansassville	Burlington	Clean	Good	Good	Clean	Clean	Clean	Poor
May 10	West Bend Co-op.	West Bend	Clean	Good	Good	Clean	Clean	Clean	Poor floor
May 10	Beaumont	Kansassville, R. 15.	Clean	Good	Good	Clean	Not all clean	Clean	Good
May 10	Bancroft Co-op.	Bangor	Clean	Good	Good	Clean	Clean	Clean	Good
May 10	Loomis	Gilmananton	Not clean	Good	Good	Clean	Clean	Clean	Good
May 10	Gilmananton	Gilmananton	Clean	Good	Good	Clean	Passed	Clean	Passable
May 10	Riverside	Lake Mills, R. 2.	Clean	Good	Good	Clean	Clean	Clean	Good
May 11	Waterford	Waterford	Clean	Good	Good	Clean	Clean	Clean	Good
May 11	Praag B. & C. Co.	Cream, R. 1.	Passable	Good	Poor	Clean	Passable	Clean	Passable
May 11	Modena	Modena	Clean	Good	Good	Clean	Clean	Clean	Good
May 14	Cataract Co-op.	Cataract	Clean	Good	Good	Clean	Clean	Clean	Good
May 14	New London	New London	Clean	Good	Good	Clean	Clean	Clean	Good
May 15	Melrose	Melrose	Clean	Good	Good	Clean	Clean	Clean	Good
May 15	Dabariner	Hortonville	Not clean	None	Good	Not clean	Not all clean	Clean	Bad
May 16	Dover	Burlington, R. 13.	Clean	Good	Good	Clean	Clean	Clean	Good
May 16	Irving Co-op.	Blk R. Falls, R.6.	Clean	Good	Good	Clean	Clean	Clean	Good
May 16	Disco	Disco	Passable	Good	Good	Clean	Clean	Clean	Good
May 17	Black River Falls.	Black River Falls.	Passable	Good	Good	Clean	Clean	Clean	Poor floor
May 17	Badger	London, R. 8.	Clean	Good	Bad	Clean	Clean	Clean	Good
May 17	Farmers' Wilmot	Wilmot	Clean	Good	Good	Clean	Clean	Clean	Good
May 18	Alma Center	Alma Center	Clean	Good	Good	Clean	Clean	Clean	Good
May 18	Black Earth	Black Earth	Clean	Good	Poor	Clean	Clean	Clean	Passable
May 18	Medford	Medford	Not clean	Good	Poor	Clean	Clean	Clean	Good
May 18	Deerfield	Deerfield	Clean	Good	Good	Clean	Clean	Clean	Good
May 18	Oakland Center	Ft. Atkinson, R. 1	Clean	Good	Good	Clean	Clean	Clean	Good
May 18	Bassetts	Bassetts	Clean	Good	Good	Clean	Clean	Clean	Good
May 19	Rockdale	Rockdale	Clean	Good	Good	Clean	Clean	Clean	Good
May 19	Abbotsford	Abbotsford	Not clean	Good	Bad	Not clean	Clean	Clean	Passable
May 19	Marshalls	Whitewater, R.	Clean	Good	Good	Clean	Clean	Clean	Good
May 22	Clark & Reynolds	Hebron, R. 2.	Clean	Good	Bad	Clean	Clean	Clean	Poor
May 22	Praag B. & C.	Cream, R.	Clean	Good	Poor	Clean	Clean	Clean	Passable
May 22	Garden Valley	Waumandee	Not clean	Good	Good	Clean	Clean	Clean	Passable
May 23	Wilton	Wilton	Clean	Good	Good	Clean	Clean	Clean	Passable
May 23	Cochrane	Cochrane	Clean	Good	Poor	Clean	Clean	Clean	Passable
May 24	Fountain City	Fountain City	Clean	Passed	Good	Clean	Clean	Clean	Good
May 25	Rochester	Rochester	Clean	Good	Good	Clean	Clean	Clean	Good
May 28	Mathews	Helenville, R. 1.	Clean	Poor	Good	Clean	Clean	Clean	Good
May 29	Barre Mills	West Salem, R. 2.	Clean	Good	Good	Clean	Clean	Clean	Good
May 29	Beilke	Johnson Creek, R.1	Not clean	Good	Good	Bad	Not clean	Clean	Poor
May 29	Rose Leaf	Johnson Creek	Clean	Good	Good	Good	Clean	Clean	Good
May 29	Ayrshire	Johnson Creek	Clean	Good	Good	Good	Clean	Clean	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
Skimming Stations.									
1906.									
May 30	Pigeon River B. & C. Co.	Clintonville	Clean	Good	Good	Good	Clean	Clean	Good
May 31	So. Koshkonong	Ft. Atkinson, R.	Clean	Good	Good	Good	Clean	Clean	Good
May 31	Verona	Verona	Not clean	Good	Good	Good	Clean	Clean	Good
May 31	Acme, No. 2	Watertown	Clean	Good	Good	Good	Clean	Clean	Good
May 1	New Haven Skim Station	Endeavor, R. 1.	Clean		Good	Good	Clean	Clean	Good
May 3	Scott Valley	Augusta			Good	Good	Clean	Clean	Poor
May 4	Birkham	Augusta, R. 3			Good	Good	Clean	Clean	Poor
May 5	Davis Corners	Kilbourn, R. 4	Not clean	Poor	Bad	Not clean	Clean	Clean	Good
May 5	Rosedale	Fall Creek, R. 1.			Bad	Clean	Poor	Clean	Good
May 5	Skim Station No. 2	Fall Creek			Passable	Not clean	Clean	Clean	Good
May 10	Norway	Waterford	Clean	Good		Clean	Not clean	Clean	Bad
May 23	Cushmans	Sullivan, R. 1.	Clean		Good	Clean	Clean	Clean	Good
May 24	Maple Grove	Rome	Clean	Good	Good	Clean	Clean	Clean	Good
May 24	Dorset	Wilton	Clean	Good	Good	Clean	Clean	Clean	Good
May 25	Sutcliff Corners	Kendall	Clean	Good	Good	Bad	Clean	Clean	Good
May 29	Ebenezer	Watertown, R. 5.	Clean	Good	Good	Clean	Clean	Clean	Good
May 31	Leon Valley	Leon	Clean	Good	Good	Clean	Clean	Clean	Poor floor
May 31	Acme, No. 1	Watertown	Clean	Good	Good	Not clean	Clean	Clean	Good
May 26	Ridgeville	Tomah	Not clean	Good	None	None	Clean	Clean	Good
May 29	St. Josephs Ridge.	West Salem, R. 2.	Not clean	Good	None	None	Clean	Good	Good
May 24	Dorset	Wilton	Clean	Good	Good	Clean	Clean	Good	Good
June 1	Leon Co-op.	Leon	Not clean	Good	Passed		Clean	Good	Good
June 2	Enterprise B Co.	Cashton	Clean	Good	Good	Clean	Poor	Good	Poor floor
June 4	Arcadia	Arcadia	Clean	Good	Good		Good	Good	Good
June 5	Arcadia Co-op.	Arcadia	Clean	Good	Good		Clean	Good	Poor
June 5	Spring Brook	Whitewater, R. 1.	Clean	Good	Good		Clean	Poor	Poor
June 6	Oakdale	Waukesha, R. 2.	Clean	Good	Good	Clean	Clean	Good	Good
June 6	Martintown	Martintown	Not clean	Poor	Good	Clean	Clean		Good
June 6	Town Line	Whitewater	Clean	Good	Good	Not clean	Not clean	Mostly dirty	Good
June 6	Independence	Independence	Clean	Good	Good	Clean	Clean	Good	Good
			Clean	Good	Good		Clean	Good	Good

June 7	North Prairie Co op.	North Prairie	Clean	Good	Poor	Clean	Clean	Good	Good
June 7	Island	Whitewater, R. 1.	Clean	Good	Good	Clean	Clean	Good	Good
June 7	Elk Creek	Elk Creek	Clean	Good	Good	Clean	Clean	Good	Good
June 7	Puerner	Marshfield	Clean	Good	Good	Clean	Clean	Good	Good
June 8	Pigeon Falls	Pigeon Falls	Clean	Good	Good	Clean	Clean	Good	Good
June 8	Pioneer	Medford, R. 3.	Clean	Poor	Good	Clean	Not all clean	Good	Good
June 9	Dodge	Dodge	Clean	Good	Good	Clean	Clean	Good	Poor
June 11	Cameron	Cameron	Not clean	Good	Good	Clean	Clean	Good	Passed
June 11	Crystal	Verona	Clean	Good	Good	Clean	Clean	Good	Good
June 11	Martintown	Martintown	Clean	Good	Good	Not clean	Passed	Passed	Good
June 12	Dallas	Dallas	Clean	Good	Good	Not clean	Passed	Passed	Good
June 12	Newburg Corners.	Cashton			Poor		Good	Good	Poor
June 12	Milton	Milton	Clean	Good	Good	Clean	Good	Good	Good
June 13	Station No. 3.	Milton, Box 177.	Clean	Good	Good	Clean	Good	Good	Good
June 13	Prairie Farm	Prairie Farm	Clean	Good	Good	Clean	Good	Good	Good
June 13	Westby	Westby	Clean	Good	Good		Good	Good	Good
June 14	Ridgeland	Ridgeland	Clean	Good	Good		Good	Good	Good
June 14	Bloomingdale	Westby, R. 3.	Clean	Good	Good		Good	Good	Good
June 14	Barron	Barron	Clean	Good	Good		Good	Good	Good
June 14	Hoard's	Ft. Atkinson	Clean	Good	Good	Clean	Good	Good	Good
June 15	Big Bend	Big Bend	Clean	Good	Good	Clean	Good	Good	Good
June 15	Spring Hill	Chetek	Clean	Good	Good	Clean	Good	Good	Good
June 15	Viroqua	Viroqua	Clean	Good	Good		Good	Good	Good
June 15	So. Koshkonong	Ft. Atkinson	Clean	Good	Good	Clean	Good	Good	Good
June 16	Chetek	Chetek	Clean	Good	Good		Good	Good	Good
June 16	Wilson Co-op.	Wilson	Clean	Good	Good	Clean	Good	Good	Good
Sept. 13	Wilson Co-op.	Jefferson, R. 5.	Clean	Good	Good	Clean	Good	Good	Good
June 19	Deer Creek	Oconomowoc, R. 20	Clean	Good	Good	Clean	Good	Good	Good
June 20	Oconomowoc	Jefferson, R. 4.	Clean	Good	Good	Clean	Good	Good	Good
June 20	Buck Creek	Knapp	Clean	Good	Good		Good	Good	Good
June 20	Knapp Co-op.	Oxford, R. 1.	Clean	Good	Good	Clean	Good	Good	Good
June 20	Jonesdale	Helenville, R. 1.	Clean	Good	Good	Clean	Good	Good	Good
June 21	Bernhardt	Oconomowoc	Clean	Poor	Good	Not clean	Passed	Good	Not clean
June 21	Roberts	Gilmanton	Clean	Good	Good	Clean	Good	Good	Good
June 22	Gilmanton	Gilmanton	Clean	Good	Good	Clean	Clean	Good	Good
June 22	Stone Bank	Nashotah, R. 23.	Clean	Good	Good	Passed	Good	Good	Passed
June 23	Arkdale	Arkdale	Clean	Good	Good	Clean	Clean	Good	Good
June 26	Black Hawk	Ft. Atkinson, R. 5	Clean	Good	Good	Clean	Clean	Good	Good
June 26	Yorkville	Union Grove, R.	Clean	Good	Good	Clean	Clean	Good	Good
June 26	Boyceville	Boyceville	Not clean	Good	Good	Clean	Clean	Good	Good
June 27	Kneeland	Jefferson	Clean	Poor	Good	Clean	Clean	Good	Good
June 28	Burrwood	Oakwood, R. 18.	Clean	Good	Good	Clean	Clean	Good	Good
June 28	Rock Spring	Ft. Atkinson, R. 5.	Clean	Good	Good	Clean	Clean	Good	Good
June 28	Deer Park	Deer Park	Clean	Good	Good	Clean	Clean	Good	Good

CREAMERY INSPECTION—Continued.

Date.	Name of Creamery.	Address.	Condition of glassware.	Condition of tester.	Condition of drainage.	Condition of skim milk tank.	Condition of apparatus.	Condition of cans.	Condition of building.
Skimming Stations.									
1906.									
June 29	Raymond	Frankville, R. 10.	Clean	Good	Good	Clean	Clean	Not all clean	Good
June 29	So. Koshkonong	Ft. Atkinson	Clean	Good	Good	Clean	Clean	Good	Good
June 29	New Richmond	New Richmond	Clean	Good	Good	Clean	Clean	Good	Good
June 29	Downing	Glenwood	Clean	Good	Good	Clean	Clean	Good	Good
June 29	Glenwood	Glenwood	Clean	Good	Good	Clean	Clean	Good	Good
June 30	Cadott Co-op.	Cadott	Clean	Needs repair	Good	Clean	Clean	Good	Good
June 30	Munroe	Cadott	Clean	Good	Good	Clean	Clean	Good	Good
June 30	Newry	Newry	Clean	Good	Good	Clean	Clean	Good	Good
June 30	Raymond	Jefferson	Clean	Good	Good	Clean	Clean	Good	Poor floor
June 5	Beitke Skim Sta.	Johnson Creek	Clean	Good	Good	Clean	Clean	Good	Good
June 8	Eureka	Whitewater	Clean	Good	Good	Clean	Clean	Good	Good
June 9	Union Produce S.	Whitewater			Poor	Clean	Clean	Good	Good
June 13	Salesville	Waukesha, R. 2.			Good	Clean	Clean	Good	Good
June 20	Grand Marsh	Lake Mills			Poor	Clean	Clean	Good	Good
June 19	White Creek	Plainsville			Good	Clean	Clean	Good	Good
June 21	Skim Station No. 2	Fall Creek		Good	Good	Clean	Clean	Good	Good
June 21	Adams Center	Adams Center			Good	Clean	Not all clean	Good	Passable
June 22	Friendship	Plainville			Poor	Clean	Clean	Good	New
June 22	Helenville	Jefferson			Good	Clean	Clean	Not all clean	New
June 26	Hartel	Ft. Atkinson, R. 5.	Clean		Good	Clean	Clean	Good	Passable
June 27	Central Skim	Ft. Atkinson	Clean	Good	Good	Clean	Clean	Good	Good
June 11	Crystal	Verona	Clean	Good	Good	Bad	Clean	Mostly good	Good
June 20	Cadott Co-op.	Cadott	Clean	Good	Good	Clean	Clean	Not all clean	Good
June 20	Munroe	Cadott	Clean	Good	Good	Clean	Clean	Good	Good
June 26	Oak Hill	Cottage Grove, R.	Clean	Good	Good	Clean	Clean	Good	Good
June 27	Brooklyn	Dartford	Clean	Good	Good	Clean	Clean	Good	Good
June 29	Klondike	Marshfield, R. 1.	Clean	Good	Good	Clean	Not clean	Good	Good
					Good	Clean	Clean	Good	Good

MILK INSPECTION AT CHEESE FACTORIES AND CREAMERIES.

Butter Fat Tests.

July 1, 1904. Edson Cheese Factory, Orth & Bosin, proprietors:

	% butter fat.
Frank Ederer	3.55
Peter Jaeger	3.6
Ed. Lufkin	3.5
Peter Zimmerman	3.65
John Neisins	4.15
Nic Leicht	3.65
Peter Gindt	4.05
John Schmitz	3.7
Peter Binsfeld	4.15
M. Zimmerman	3.25
Ed Lorenz	4.2
A. Scirrer	4.0
Geo. Sonnentag	3.55
N. Klein	3.7
John Betz	3.4
Jac. Chivala	3.0
M. Zais, Sr.	3.4
Fr. Schiersel	3.9
Mat. Schmitz	4.5
John Pinter	Watered
Mrs. M. Pinter	5.1
Wm. Endornig	4.8
Luc. Ederer	3.15
Margaret Hebbing	3.2
Adam Spath	4.2
Wm. Eslinger	3.5
Jac. Nachtman	3.7

July 1, 1904. Hillside Valley Cheese Factory, Elkhart Lake, Wis.:

	% butter fat.
C. Sihuler	3.7
J. F. Miller	3.6
H. C. Reiss	3.4
L. Platz	4.5
J. Zimmerman	3.7
V. Mueller	3.3
J. Feldman	3.9
Y. W. Wolff	3.5
J. Lavey	3.3
F. G. Mayer	3.9
Mrs. Krause	3.9
F. Klein	3.5
W. Reineck	3.2
J. Urban	3.5
Mrs. McGraw	3.1
J. Miller	4.0
W. Wieland	3.9
W. Fischer	3.1
B. Mersberger	3.3
J. Mersberger	3.6
J. Luth	3.8
J. Serding	2.9

July 2, 1904. Samples of milk submitted by Seidling Cheese Factory of Orth & Bosin, Juneau:

	% butter fat.
Jer. Zais	3.5
M. Plass	3.45
Chas. Fredrickson	3.8
Geo. Mahel	4.0
W. Sye	3.85
Frank Dusick	3.55
Tom Seidling	3.3
John Mahel	3.6
John Seidling	3.65
Peter Mahel	3.25
Wm. Willitzer	3.65
Chr. Peterson	
M. Stahr	
J. Gabert	3.25
M. Fitzgerald	3.7
J. Steinbach	3.2
Jos. Seidling	3.8
— Fogol	3.6
Fr. Jackup	
Joe Mahel	3.85
Joe Ryba	3.4
John Ryba	3.0
Frank Dusick, Jr.	3.6
Peter Geist	3.4
R. Johnson	3.6
Chas. Gustion	4.0
Joe Mahr	3.8
A. Chismore	4.0
Ed. Wettstein	3.8
Tom Kain	3.45

July 2, 1904. Cheese Factory of Claus Streveler, Marathon Co.

	% butter fat.
Louis Dininger	3.8
C. Weissenberger	4.05
J. Kohler	4.2
T. Imhoff	4.3
Joe Imhoff	4.4
C. Dininger	
J. Petroski	4.3
Em. Laing	4.05
Ig. Storsinski	3.5
H. Ahrens	4.1
John Koller	4.0
Chas. Labach	4.4
W. Marclnski	4.2
L. Salzman	4.2
M. Levendoski	4.3
J. Karlin	4.15
W. Miehlig	4.3

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	% butter fat.
Peter Michlig	4.1
Joe Michlig	4.0
Otto Michlig	4.3
Claus Peters	4.0
Henry Johnson	4.0
Joe Ueblicher	4.2
Jake Fetter	4.0
B. Fueger	3.95
Mary Heill	
A. Goldbach	3.9
Joe Laing	4.3

	% butter fat.
McFarlane & Falk	4.1
W. Olmstadt	3.3
J. Johnson	3.9
A. P. Linde	3.5
H. Gest	3.5
T. Kralheim	4.2

July 15, 1904. Milk inspection at Cheese Factory, located at St. Lawrence, Washington Co. Manager, Anton Aufderman. P. O., St. Lawrence:

Cody Cheese Factory, Spring Green, Wis.:

	% butter fat.
Wm. Cody	3.2
Stanley Maxwell	3.2
Chris Jergeson	3.8
M. Burns	3.8
Louis Butler	3.6
M. German	3.5
Chris Rasmussen	3.7
Ras. Jensen	3.4
Jim Knudson	3.7
Mrs. Larkin	3.4
Frank Tennet	4.2
M. Johnson	4.0
E. W. Anderson	4.0
Geo. Smith	3.8
Otto Scholl	3.5
Jim Hansen	3.8
N. J. Nelson	4.0
John Kinney	4.0
Chris Scholl	3.8
John Buol	4.0

	% butter fat.
A. Sell	2.9
J. Heilman	3.8
J. Schnorenberg	3.9
A. Schwarz	2.4
L. Schaefer	3.7
J. Bertlein	3.8
Wm. Gehring	3.3
H. Lex	3.8
Len Olhafen	3.9
Max Gehl	3.5
Louis Olhafen	2.4
Chas. Ziegler	3.6
Joe Gass	3.2
Martin Wehner	3.65
Anton Weis	2.4
Max Meyer	3.6
Math. Thorn	3.5
F. Kauper	3.0
G. Elfert	3.4
J. Kauper	*
Pat Walter	*
Theo. Gehring	3.6
Pat Schmitt, Jr.	3.5
Geo. Elsinger	3.8
W. Guthenberg	3.8
T. Schaefer	3.3
John Bayer	3.8
Leo Beine	*
John Ziegelbauer	*
John Beistler	3.9
A. Kreps	3.7
J. Brumm	3.6
A. Siegman	*
H. Konrad	*
Mrs. H. Basler	*
G. Klier	*
Pat Schmitt, Sr.	*
J. Baier	3.8
A. Schwabenlanter	3.2
J. Weinneger	4.0
J. Olhafen	3.7
Mike Schuh	3.65
Mike Ziegelbauer	3.4
Wm. Weinneger	*
M. Surges	4.2
Pat Strupp	3.4
Joe Schmerenberg	3.7
J. Kleis	3.85
J. Meringer	*
Mat. Gehl	3.6
G. Hatzung	3.8
J. Hatzung	3.8
B. Weinneger	3.7
L. Holtzman	3.2
J. Doll	3.0
F. Diedrich	3.7
H. Schellinger	3.4
G. Schwabenlanter	3.2
A. Deering	3.2
Joe Lichka	*
Joe Doll	3.0
Paul Weinneyer	*
Joe Weis	*
F. Kren	2.05

Same factory, composite samples:

	% butter fat.
Wm. Cody	3.4
Stanley Maxwell	3.3
Chris Jorgenson	3.8
M. Burns	3.4
L. Butler	3.3
M. German	3.6
Chris Rasmussen	3.4
Ras. Jensen	3.3
Jim Knudson	3.4
Mrs. Larkin	3.6
F. Tennet	3.8
M. Johnson	3.7
E. W. Anderson	3.8
Geo. Smith	3.4
Otto Scholl	3.5
Jim Hansen	3.8
N. J. Nelson	3.8
John Kinney	3.8
Chris Scholl	3.6
John Buol	3.6

July 13, 1904. DeForest B. & C. Co. Creamery, DeForest:

	% butter fat.
H. Bleifernicht	4.3
H. Hippe	3.9
C. Legveid	4.0
F. Breggeman	3.6
J. E. Johnson	3.5
A. Linde	3.6
A. Nelson	3.9
E. O. Roisum	4.0
L. Eggum	3.5
A. Frydland	3.8
J. Linde	3.7
J. J. Schattschneider	3.7
J. Raigstad	3.8

John Bayer	3.8
Leo Beine	*
John Ziegelbauer	*
John Beistler	3.9
A. Kreps	3.7
J. Brumm	3.6
A. Siegman	*
H. Konrad	*
Mrs. H. Basler	*
G. Klier	*
Pat Schmitt, Sr.	*
J. Baier	3.8
A. Schwabenlanter	3.2
J. Weinneger	4.0
J. Olhafen	3.7
Mike Schuh	3.65
Mike Ziegelbauer	3.4
Wm. Weinneger	*
M. Surges	4.2
Pat Strupp	3.4
Joe Schmerenberg	3.7
J. Kleis	3.85
J. Meringer	*
Mat. Gehl	3.6
G. Hatzung	3.8
J. Hatzung	3.8
B. Weinneger	3.7
L. Holtzman	3.2
J. Doll	3.0
F. Diedrich	3.7
H. Schellinger	3.4
G. Schwabenlanter	3.2
A. Deering	3.2
Joe Lichka	*
Joe Doll	3.0
Paul Weinneyer	*
Joe Weis	*
F. Kren	2.05

*Sample spoiled.

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	% butter fat.
L. Schwerbel	3.2
Joe Esser	3.7
Jacob Olhafen	2.85
Joe Elsinger	3.45

July 20, 1904. Cameron Creamery,
Cameron, Wis.:

	% butter fat.
J. Gartman	32.5
J. D. Jehli	29.0
Mr. Moen	35.5
C. Lee	26.0
Wm. Piper	40.5
P. Hagna	25.5
C. Daehle	36.5
C. Beyer	33.0
C. Albright	30.5

July 20, 1904. Columbus Creamery,
Columbus:

	% butter fat.
T. Zeigler	3.4
E. Royce	4.2
T. F. Marley	4.2
J. Huebner	4.2
G. Berger	4.0
F. Biebom	3.9
A. Lanz	4.0
Mrs. Alf	3.4
H. W. Tonge	5.3
E. Heidem	3.8
A. E. Fedorley	4.4
E. Behl	4.2
W. Theiss	3.5
E. Tobin	4.2
W. C. Lange	4.3
A. Schultz	3.7
F. Schmidt	3.7
B. Thomas	3.8
W. Laveny	3.6
H. Hoton	5.1
J. Austin	3.8
F. Voss	4.0
H. Voigt	4.3
F. Grunert	3.9
H. Teidt	3.9
C. Kruse	4.0
O. Sell	4.0
W. J. Roberts	3.9
A. Huebner	3.6
G. Wagner	4.0
J. Traudel	3.8
R. R. Thiede	3.6

July 28, 1904. Milk inspection at
Cheese Factory, located at Pulaski, Iowa
Co. Manager, Henry Hansholter. P. O.,
Muscodas, Wis.:

	% butter fat.
G. Dietert	3.8
John Vranek	3.8
P. Delph	4.1
J. Morava	4.0
G. Muller	3.9
E. Hansholter	3.4
J. Bennis	4.0
J. Kashark	3.9

Aug. 4, 1904. Milk inspection at
Cheese Factory, located at Rib River,
Marathon Co. Manager, Albert Kutz.
P. O., Marathon City:

	% butter fat.
Robt. Hanke	4.3
Carl Hanke	3.6
Gust Wilke	3.8

	% butter fat.
Wm. Weber	3.8
Ernst Redenzke	3.9
Anton Santer	3.75
Wm. Lemke	3.4
Herman Schlueter	4.0
Ferd Weber	4.1
Carl Wilke	4.1
C. F. Hanke	3.8
F. Vekert	3.55
Herman Heise	3.9
Otmar Santer	3.55
John Kruger	3.8
R. Paul	4.4
Carl Schave	3.8
Aug. Strey	4.1
Fred Rusch	3.95
Martin Lodholz	4.1
Henry Lemke	3.4
Herman Roeder	3.85

Aug. 8, 1904. Crystal Creamery,
Verona:

	% butter fat.
John Merdith	4.2
F. Wustroff	3.7
T. Gordon	3.8
H. Hageman	3.8
P. Bugenske	3.6
Chas. McCormick	3.6
Mrs. Keller	4.0
E. Collins	3.8
C. Winkelman	3.6
C. Pallow	4.6
J. Person	4.0
John Eith	4.0
C. Carpenter	3.4
F. Kirsher	3.9
J. Synon	4.0
Giles Pierce	3.9
Mrs. D. Grady	3.9
W. Mutschler	3.8
W. Grady	3.8
F. Casebeer	4.0
H. Palmer	3.8
E. Burns	3.7
E. Sharer	4.3
F. Sharer	3.8
S. Berry	3.4
C. Pope	4.9
J. Nesbitt	3.8
F. Kline	4.2
C. Luck	4.1
P. Thomson	4.3
Mrs. Julius Gust	4.7

Aug. 11, 1904. Klevenville Creamery,
Klevenville:

	% butter fat.
M. Skindrud	3.4
A. Sletto	3.2
A. K. Sorenson	3.5
W. M. Goth	3.2
E. K. Bangs	3.6
H. Schwanker	3.4
Matt Domini	3.8
J. W. Kalscheur	4.0
T. Mackesey	3.6
J. Mackesey	3.8
F. Koch	3.4
H. Bangs	3.4
J. Brannen	3.6
W. M. Carden	3.6
J. Carey	3.8
M. Farrell	3.7
Pat Connors	3.8
T. Connors	3.9

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	% butter fat.
Ole Severson	3.8
H. L. Trevett	4.1
L. B. Shouers	3.8
Mrs. O. Johnson	3.8
P. Moen	3.0
J. Dollhausen	4.4
Paul Lee	3.8

Aug. 12, 1904. Milk inspection at Star Cheese Factory, located two and one-half miles out of Marion railroad station, town of Grant, Shawano county. Manager, John Hoepfner. P. O., Marion, Wis., R. F. D. No. 2:

	% butter fat.
E. Catencamp	4.0
J. Schroaler	4.75
W. Ebert	4.1
W. Radtke	4.15
A. Wegner	3.9
C. Beyer	4.2
H. Gollnow	4.5
A. Radtke	4.7
E. Pockat	3.9
A. Ducke	3.75
J. Surchow	4.1
J. Ducke	3.8
W. Ankian	3.6
Mrs. H. Dreger	4.2
H. Buss	4.2
D. Westerman	5.3
A. Ehrlicke	3.7
G. Mielke	4.3
W. Sturt	4.2
Mrs. J. Marnsal	4.15
A. Kreger	4.15
A. Schroader	4.3
F. Streholow	4.2
Otto Radtke	3.7
John Pockat	4.55
Julius Buss	3.8
H. Kliveler	4.35
F. Buss	4.05
B. W. Cochran	4.3

Aug. 12, 1904. Mount Horeb Creamery, Mt. Horeb:

	% butter fat.
C. Steinhauer	3.8
H. Wieneke	3.8
F. These, Jr.	3.4
J. Heuser	3.4
J. Riley	4.0
J. A. Moen	3.6
L. Fosshage	3.8
E. Grefsnud	3.6
A. Gesme	3.9
L. Mennes	3.5
Hy. Thompson	3.6
T. Gordon	3.5
H. Wittie	3.6
A. Solvey	3.9
F. These, Sr.	3.8
O. S. Moen	3.8
Eggum Bros.	3.8
Ed. Murphy	3.5
C. A. Brager	3.4
I. L. Scott	3.6
Otis Bros.	3.6
A. Inslumar	3.8
Wm. Baxter	4.0
Wm. Kahl	3.6
Oscar Larson	3.6
G. A. Thompson	3.6
A. Sanderson	4.1
A. Ruste	3.2

	% butter fat.
Hy. Maurer	3.9
Ed. Bingham	3.8
A. O. Grinde	3.7
T. Thompson	3.6
Aug. Luhman	3.7
M. Cenneen	3.7
Robt. Bonner	3.9
A. Sheldon	3.6
F. Luhman	3.6
A. Field	3.9
James Bonner	3.8
O. Bjelde	3.8
L. Dysterud	4.5
B. Kelliher	3.6
E. J. Murphy	3.8
N. Besthemer	3.9
J. Zimmerman	3.6
P. Johnson	3.2
Mrs. Grinde	3.7
Mrs. Grinde	3.6
S. L. Swiggum	3.7
P. Nace	3.5
John Hustad	3.9

August 13, 1904. Milk inspection at South Kaukauna Cheese Factory, located two and one-half miles south of Kaukauna, Wis. Manager, Paul E. Canpine. P. O., Kaukauna, Wis., R. F. D. No. 15:

	% butter fat.
Frank Van Greeck	4.1
Edward Glasheen	*
John Jackel	4.2
Christ Bungart	3.8
P. Meyerhoefer	3.3
Fred Buesth	4.15
Henry Jonen	3.95
Joseph Hartzheim	3.9
Joseph Hartmantsdorfer	4.2
Joseph Springer	3.6
T. Esmers	4.15
John Marrbach	3.9
John Brockman	3.8
William Hopfenberger	3.85
Frank Fischer	4.1
Henry Spitz	4.0
W. A. Hopensberger	4.1
Mrs. Marks	4.0
T. Paschen	3.45
Gus Reisto	4.25
Wm. Fierke	3.9
A. Kaner	3.8
J. Hank	3.95
Jos. Kaner	3.8
C. Widenhaupt	3.5
Herman Frany	3.25
John Deno	3.85
Frank Gorafmear	3.8

Aug. 13, 1904. Blue Mounds Creamery, Blue Mounds:

	% butter fat.
T. Knudson	4.3
C. I. Bringham	4.8
C. R. Collins	4.2
O. Loken	3.9
A. Doken	4.0
A. Esker	3.7
T. Riley	4.0
W. Helmenstein	4.0
Mrs. Cuneen	4.5
M. K. Walsh	4.1
K. K. Kjolrie	3.8

*Watered.

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	% butter	fat.
Geo. Helmenstein	4.2	
J. Tulland	4.3	
D. Grebner	4.1	
T. Topper	3.8	
A. B. McIllivee	4.2	
Wm. Mahoney	3.4	
H. Arnold	3.8	
J. Harvey	3.8	
A. Olson	3.4	

Aug. 19, 1904. Fennimore Creamery, Fennimore:

	% butter	fat.
B. A. Schuppener	3.6	
Fred Brandt	3.4	
H. H. Streeter	3.8	
T. G. Smith	3.8	
Fred Kramer	4.0	
W. M. Peacock	4.9	
Wm. Farris	3.6	
Chas. H. Meyers	3.4	
Eisele	3.4	
Mrs. A. Howell & Son	3.5	
Frank Yellowneck	3.0	
McGee & Edge	3.2	
John Tennant	3.6	
Eugene McDonald	3.6	
Joe Hurst	3.3	
P. H. Finnegan	3.5	
Geo. Finnegan	3.0	
Walter Clark	3.4	
Geo. Monroe	3.4	
Domick Dorer	3.9	
I. A. Spencer	3.5	
Aug. W. Mason	3.4	
J. T. Cottingham	3.8	
Miles Cottingham	3.8	
Emil Schwer	3.2	
John Linton	4.0	
Timothy Cottingham	3.6	
Aug. Brandt	3.2	
John Curtis	3.3	
J. M. Gelvin	4.0	
John Znehr	3.2	
Amos Cushman	3.2	
Thos. Edge	3.4	
Frank Karasek	3.4	
Morfeg & Cottingham	3.5	
Chas. Patzner	4.2	
Storrs & Brunson	3.5	
Chas. Lostetter	3.6	
S. G. Bailey	3.4	
Mrs. John Walters	3.3	
Mrs. Jake Meyers	4.1	
Henry Ruchtl	3.7	
Will Liddle	3.0	
Frank Novak	3.5	
Wayne Clark	3.8	
W. W. Rogers	3.3	

Aug. 22, 1904. Fennimore Co-op. Creamery, Fennimore, Wis.

	% butter	fat.
Theo. Wehrle	4.8	
K. Kruel	3.7	
L. Bekentheiler	4.0	
G. Anderson	4.0	
P. Gunderson	3.5	
McGee & Smith	3.8	
J. Knapp	3.9	
Mrs. Budd	3.5	
J. W. Russell	3.6	
Wm. Mitchell	3.9	
Mitchell & Gratz	3.7	

	% butter	fat.
C. Hippenbecker	3.8	
W. Gerhard	3.5	
B. Meyers	4.0	
W. Stippick	3.7	
J. Jackson	3.5	
Jac. Yunek	3.6	
A. J. Maso	3.8	
T. Hollenberg	3.6	
Geo. Dempsey	3.9	
F. Clark	4.9	
Bradbury & Fischer	3.7	

Aug. 24, 1904. Stitzer Creamery, Stitzer, Wis.:

	% butter	fat.
P. Reed	3.5	
A. Jahnkee	4.1	
A. Roesser	3.8	
J. Griswold	3.6	
J. B. Maurer	3.9	
B. Stitzer	4.3	
F. Stimpson	3.8	
H. Schupp	4.2	
B. Weide	3.7	
H. Leist	4.0	
A. Wein	4.0	
J. Plattener	3.9	
J. Lind	3.7	
A. Leist	3.8	
W. Riddough	3.6	
J. Davis	3.7	
N. Harneg	3.4	

Aug. 26, 1904. Werley Creamery, Werley, Wis.:

	% butter	fat.
C. Taylor	3.9	
J. Kinsler	4.2	
D. Farris	4.1	
F. Pollman	3.8	
W. Fry	3.8	
J. W. Smith	3.8	
L. Adkins	3.6	
F. Weiser	4.0	
W. Lance	3.7	
C. Merry	4.0	
A. Ketterer	3.6	
S. Wehrle	3.7	
L. Stenner, Jr.	3.7	
J. Steinforth	4.0	
E. Steinforth	3.8	
C. Hunter	3.8	
L. Stenner	3.9	
M. Faith	3.7	
M. Smith	3.2	
N. Pettit	3.6	
Beaumeister Bros.	3.8	

September 1, 1904. Otter Creek Swiss Cheese Factory, located 4 miles east of Darlington, Darlington Township, Lafayette Co. Manager P. B. and E. G. Barlow. P. O. Darlington, Wis.:

	% butter	fat.
A. Kearns	4.00	
D. Howard	4.00	
Jos. Deary	broken in transportation	
McConnell Bros.	4.10	
J. Tully	4.40	
J. Graham	3.70	
T. Moran	broken in transportation	
F. Thompson	4.60	
P. Steger	4.00	
A. Miller	4.00	

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	% butter fat.
K. Peterson	3.60
C. Albersohn	4.30
A. Anschutz	4.10
L. Larson	3.60
John Deary	3.60
All samples were of morning's milk.	

	% butter fat.
C. Erickson	3.8
N. Nelson	3.6
E. Murle	4.4
W. Treudermann	4.1
W. Stenzruison	3.9
C. Nongle	3.4
A. Nelson	4.8
J. K. Nongle	3.6
G. Hendrickson	3.8
M. Kerthlun	3.8

September 2, 1904. Cheese factory, located 4 miles north of Darlington, Willow Spring Township, Lafayette Co. Manager P. B. and E. G. Barlow. P. O. Darlington, Wis.:

	% butter fat.
Dan Mcaloon	3.30
Frank Meehan	3.80
E. Howard	3.70
Ralph Ward	3.60
Elmer Hendrichson	3.20
George Armstrong	3.60
P. B. and E. G. Barlow	3.60
Worst flavored milk delivered to the factory.	
Louis Phillipson	3.40
Geo. Nebels	3.20
F. Larson	3.60
George Orsendorf	3.80
George Moseley	3.40
Mrs. Wharrie	3.20
Samples taken from the mixed milk of night and morning.	

February 2, 1904. Geo. Otto Creamery, Centralia, Wis.:

	% butter fat.
G. Yeancatz	3.8
G. Yeancatz	3.7
Chas. Bender	5.2
J. Bittner	4.4
J. Bittner	4.0
M. Peterson	4.3
A. Krieger	3.7
Wm. Jackson	4.2
Wm. Jackson	4.0
Wm. Hill	4.2
Wm. Damitz	4.6
Aug. Schroeder	4.8
O. Doughty	4.5
O. Doughty	4.0
Cream	24.0
Skim milk	0.3

July 15, 1904. At creamery located 6 miles northwest of Beloit. Manager F. D. Coryell. P. O. Beloit, R. D. 27.:

	% butter fat.
E. T. Rasey	3.4
A. Knutson	4.0
Malloy & DeJean	3.6
J. Cleophas	3.7
R. Jackson	3.4
A. Irish	4.7
G. T. Graredale	4.3
F. Eldredge	4.1
T. Larson	3.8
F. Olson	4.2
L. T. Thompson	4.5
H. Thompson	3.6
J. Cochran	4.1
J. Stebbins	4.0
A. M. Haugen	3.7
A. D. Swaine	4.4
B. Haugen	4.0
E. Nelson	3.7
N. Larson	3.6

August 3, 1904. Creamery located at Tomah. Manager M. L. Hineman. P. O. Tomah, R. D.:

	% butter fat.
T. Sullivan	3.8
I. Gonderzieck	4.7
N. Rosenick	4.5
P. J. McEvoy	4.4
W. B. Ruker	3.9
W. Wilson	4.0
J. Jiescler	4.2
H. Allingham	4.6
D. Allingham	4.2
T. Chapman	4.0
T. Chapman	3.9
F. Schoot	3.9
O'Leary & Rowin	4.4
C. Schmidt	5.0
R. McMullen	3.7
T. Castello	4.0
M. Popenphus	4.0
R. Beardsley	4.0
N. E. Ward	3.6
W. Jennings	4.6
N. Earle	3.6
C. Hedding	4.7
J. Grovestein	4.7
L. O. Gaylord	4.6
N. Meade	4.0

August 10, 1904. At Creamery located at Hill Point, Sauk Co. Manager Ed. Kroeger. P. O. Lime Ridge R. D. 1.:

	% butter fat.
E. Ratzeburg	4.0
Wm. Ruehlow	4.1
E. Kurth	3.9
F. Blank	4.0
R. Krueger	3.6
A. Thorton	3.7
A. Stark	4.2
E. F. Schlueler	4.3
Wm. Wiese	4.2
Hy. Wiese	3.6
Wm. Werner	4.6
Wm. Hasse	4.1
F. Hasse	4.1
G. Schulz	4.1
G. Maalus	4.5
E. Witte	3.7
R. Kutzbach	4.0
Wm. Kutzbach	4.7
E. Kroeger	3.8
S. Roberts	4.2
A. Retz	4.0
F. Stabenaw	4.1
Wm. Stabenaw	3.6
H. Vight	4.0
A. Gelske	3.8
J. Schulte	3.6
F. Brandt	4.2
G. Mockon	4.0
E. Mochon	3.9
H. Werner	4.0
O. Goetch	3.4
A. Hasse	4.0

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	% butter	fat.
F. Meyer	3.7	
Wm. Schroeder	4.1	
Mrs. Lattenstien	3.7	
Ed. Brandt	4.5	
Ed. Sedgwick	3.5	

August 15, 1904. At creamery located at Sumner, P. O. Ft. Atkinson. Manager H. Schempf.

	% butter	fat.
O. C. Larson	4.7	
F. G. Burleson	4.0	
J. W. Robbins	3.8	
A. Conrad	4.0	
C. Hammerquist	3.7	
E. A. Melberg	4.3	
W. D. Hemphill	4.1	
Ed Kirby	4.2	
C. J. Draves	5.0	
A. Loga	3.8	
W. Golthorp	3.9	
C. Christianson	3.7	
N. Atwood	4.8	
B. Mesiner	3.8	
A. Bichel	3.6	
A. Butler	4.2	
J. Dalby	4.3	
W. Bichel	4.2	
J. Jenson	4.0	
A. Johnson	3.7	
J. Hanson	3.7	
J. J. Bichel	4.2	
F. Jenkin	5.0	
H. Danielson	4.5	
W. F. Loga	4.4	
C. Leverton	4.0	
H. Alverson	4.4	
C. Pierce	4.1	
P. Pierce	4.2	
W. G. Cooper	3.6	
G. Green	4.4	
T. Rinker	3.8	
F. Klement	4.6	
E. Blinkert	4.5	
R. P. Siegel	4.6	
Rudolph Klement	4.1	
O. Skibbe	4.4	
F. Toner	5.0	
H. Troksted	3.7	
O. C. Anderson	4.6	
P. Johnson	4.2	
F. Procknow	3.7	

August 29, 1904. Paoli Creamery, owned by William Fisher:

	% butter	fat.
E. Gaffney	3.6	
H. Eickelkrant	3.9	
J. Little	3.6	
G. Kuhn	3.8	
B. Wineland	4.0	
J. Cullen	3.7	
F. Brow	3.7	
H. Borchard	3.6	
C. Winkelman	3.5	
A. Fallow	4.5	
W. Gafke	3.5	
F. Fleury	3.8	
Harmon & Lamont	3.7	
J. Buel	3.8	
A. Rabler	3.8	
H. Boning	3.8	
L. Green	4.1	
F. Guldner	4.0	
F. Saucr	4.6	

	% butter	fat.
W. Packard	4.0	
F. Duppler	3.6	
P. Lyons	4.1	
F. S. Duppler	4.0	
H. Pierce	4.2	
J. Gannon	4.2	
F. Warner	3.9	
H. Winkelman	3.0	
J. Noonon	3.9	
J. Schaller	4.2	
A. Klute	4.4	
G. Blizzard	4.1	
F. Minch	4.4	
H. Green	3.9	
J. Grillott	4.2	
J. German	3.9	
Gafke & Bicher	3.8	
G. Little	4.2	
H. Larbacker	3.8	
J. Meyer	3.6	
F. Scnafke	4.8	
C. Badger	3.5	
H. H. Lamont	3.8	
B. Thornton	5.0	
J. Manson	4.2	
H. Gitzeloff	4.5	
D. E. Rice	4.4	
N. Duerst	3.8	
A. Schaller	4.3	
E. Little	3.9	
P. Hoffman	4.4	
C. Buetzer	4.4	
F. H. Minch	4.5	
J. Muellen	3.6	
G. Dunn	4.4	
W. Cribben	4.0	
J. Henry	3.8	
E. Matts	3.7	
A. Bavary	4.1	

August 31, 1904. East Middleton Creamery, owned by Huegel & Company:

	% butter	fat.
J. Staack	4.2	
E. Engle	4.0	
F. Geath	4.3	
A. Mullenbruck	3.9	
H. Schultz	3.9	
P. Mister	4.0	
W. Miller	3.9	
Cy. Donkle	3.8	
C. Hintz	4.4	
A. Hackborth	3.4	
A. Teckan	4.0	
W. Wesenburg	4.1	
R. Brashington	5.0	
Mrs. L. Orit	4.2	
F. Brashington	4.2	
J. Wittenburg	3.7	
L. Dewey	3.9	
Albert Teckan	4.2	
H. Sprague	3.9	
C. Henning	4.0	
F. Goat	4.0	
J. Doll	4.0	
H. Binger	4.2	
W. Lubecke	3.8	
H. Neighbor	4.0	
C. Lubecke	3.6	
J. Westphal	4.9	
R. Renter	4.1	
O. Burmaster	3.8	
J. Gordon	3.9	
G. Stace	4.2	
H. Steine	4.6	
L. Maenkle	3.8	
W. Holloway	4.4	

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September 1, 1904. West Middleton Creamery, owned by William Lubeke.

	% butter fat.
A. C. Voss	3.6
C. C. Lubeke	4.0
J. B. Dahlk	4.0
C. Showers	4.2
Wm. Vitensk	3.9
C. Cleveland	3.8
J. Krueger	4.8
Chas. Neal	3.7
H. Vogtz	3.6
J. R. Schwenn	3.6
W. Haberland	3.9
A. Klemfeldt	3.9
Wm. Voss	4.1
Herman Schule	3.6
Frank Neal	4.2
Wm. Schwenn	3.6
Joe Cleveland	4.0
C. Dahlk	3.8
Geo. Elver	3.8
C. Schwenn	3.5
H. Schewe	3.6

September 15, 1904. At Creamery located at North Freedom. Manager John Barker.

CREAM.

	% butter fat.
R. Prine	17.0
T. Barker	14.0
M. Detrich	26.0
J. Fabry	18.0
A. Meyers	24.5
A. Filter	27.0
G. Black	19.0
W. Schutte	27.0
Geo. Borders	15.0
R. Curry	21.5
H. Alexander	23.0
H. Meahring	24.0
A. Pisk	15.5
E. B. McCoy	23.5
F. Kuhm	31.0
H. Lange	16.5
R. Frederick	22.5
Egerer Bros.	21.0
W. Egerer	23.0
W. Tome	17.0
C. Egerer	32.0
T. Hackett	25.5
J. Dickey	29.5

September 20, 1904. At Creamery, located at Brooklyn. Manager F. R. Boyse.

	% butter fat.
J. Lamb	3.3
T. Stuart	3.9
G. Schults	4.3
C. Rassmussen	3.7
G. Mason	5.8
P. Nevel	4.1
T. Norton	3.7
A. Schults	3.5
J. Johnson	4.3
W. Renson	4.2
R. McCann	4.1
A. Hendrickson	4.3
J. Schmidt	4.2
G. Burbin	3.0
B. King	4.4
F. Golz	3.7
Boyce & Co.	3.8
Rollins Bros.	4.3
G. Rassmussen	4.8
P. Hubbard	4.1

	% butter fat.
E. E. Devol	4.2
O. Johnson	3.7
J. Kevillin	3.7
G. Waite	4.3
F. Grutzmacher	4.3
C. Hanson	5.3
F. Farnsworth	3.8
G. Farnsworth	4.2
B. Glidden	4.6
H. Olson	4.0
J. Norton	3.9
W. Rossiter	3.8
G. W. Smith	3.9
F. Kutzke	4.5
P. Hanson	4.1
F. M. Ames	3.7
A. Crahen	4.5
C. Peterson	4.1
A. Lindertson	4.0
C. Schmidt	4.2
R. Mason	4.4
H. Tilly	3.7
J. Barton	3.6
W. Nevel	3.3
F. Kutske	4.1
C. Anderson	4.5
Holt Bros.	4.5
F. Dramer	4.0
J. M. Nelson	3.8
F. Chapin	3.5
J. Nevel	4.0
P. Rassmussen	4.5

September 22, 1904. At Creamery, located at Waterloo. Manager, Roach & Seeber.

	% butter fat.
R. Latch	4.4
C. Doschades	4.2
E. Graham	5.1
E. Heck	5.1
J. Hell	3.4
J. Fischer	4.0
Carl Fischer	4.1
W. Grossman	3.6
R. Pearsall	4.4
B. Mott	3.9
H. B. Stokes	3.7
W. Spiltgaber	4.1
J. Weiheffer	3.6
C. White	3.8
W. Frantz	4.6
J. Klecker	4.4
Wilt Bros.	3.4
Wm. Hahn	3.9
E. Fischer	4.0
J. Nennert	4.4
A. Hildebrand	3.3
A. Weckert	4.4
Wederward & Heyer	3.4
Aug. Velth	4.5
J. Rutter	3.5
E. Bartosch	4.8
F. Pohlman	5.2
J. Skalitzky	4.4
Henry Stokes	3.8
Geo. Beers	4.4

September 23, 1904. At Creamery, located at Rosendale, P. O. Waterloo. Manager, Roach & Seeber.

	% butter fat.
F. Ilman	3.8
A. Kennitz	3.8
J. Yelk	4.8
E. Strauss	4.6
R. Strauss	3.6

	% butter	fat.
E. Barfknecht	5.2	
A. Paschke	4.0	
A. Braunschweig	4.2	
F. Ortman	4.2	
W. Bliman	3.8	
F. Kotmar	5.0	
W. Kuhl	3.8	
H. Krueger	4.6	
P. Faltersack	4.1	
A. Hecking	4.3	
H. Zupke	5.2	
H. Co.	4.1	
J. Chappe	3.4	
A. Chauwick	4.1	
F. Krause	3.9	
F. Behling	4.5	
C. Hahn	4.1	
G. Offord	4.8	
A. C. Wilke	4.4	

William Doerfer, milk, taken from wagon	4.5
William Oldenburg, milk, taken from wagon	4.4
Cardinal Creamery Co., milk, taken from wagon	4.4
Cardinal Creamery Co., cream, taken from wagon	10.0
Cardinal Creamery Co., cream, taken from milk depot	21.0
Cardinal Creamery Co., milk, taken from milk depot	4.3
J. Pearson, milk, taken from wagon	4.9
Fred Cook, milk, taken from wagon	4.4
L. Martin, milk, taken from wagon	4.7
H. Hatfield, milk, taken from wagon	4.2
A. Ebers, milk taken from wagon	5.0
C. H. Hoiby & Son, milk, taken from wagon	4.8
L. W. Gav, milk, taken from wagon (bottled)	4.3
L. W. Gav m., taken from wagon (can)	4.2

September 26, 1904. At Creamery, located at Maple Grove, Township Waterloo, P. O. Waterloo. Manager, Roach & Seeber.

	% butter	fat.
W. Abendrohn	3.8	
H. Ottow	4.0	
Aug. Draeger	4.0	
J. Strauss	3.5	
Aug. Gelse	4.3	
E. Draeger	3.4	
F. Draeger	3.5	
F. Debbert	3.8	
Al Doschades	3.0	
C. Maseke	3.5	
Pete Goeh	3.8	
Wm. Tasch	3.5	
Al Goehl	4.0	
Wm. Tasch	3.7	
P. Cruchow	3.1	
Mat Adams	3.6	
Wm. Konsonback	3.9	
Gust Korth	3.5	
C. Sackora	3.8	
C. Klesow	3.8	
R. Prentzel	3.8	

CITY MILK AND CREAM INSPECTION.

January 12, 1904. Madison.

	% butter	fat.
University Creamery, cream, taken from wagon	22.0	
Model Creamery Co., cream, taken from wagon	15.8	
Model Creamery Co., milk, taken from wagon	4.5	
Model Creamery Co., cream, taken from milk depot	14.5	
Model Creamery Co., milk, taken from milk depot	4.2	

January 21, 1904. Grand Rapids.

Milk.

	% butter	fat.
Geo. Waterman	4.8	
Geo. Waterman	4.6	
Geo. Waterman	4.0	
Geo. Waterman	4.4	
A. Mador	5.1	
Chandos & Gillette	3.8	
T. Robinson	5.1	

Cream.

Geo. Waterman	20.5
Chandos & Gillette	24.5
H. Robinson	17.5

January 28, 1904. Janesville.

Cream.

	% butter	fat.
A. W. Slocum	38.0	
L. J. Bonin	39.0	
Shurtliff Co., wagon No. 1	38.0	
Shurtliff Co., creamery	38.0	
Shurtliff Co., wagon No. 3	38.0	

Milk.

T. Anderson	4.2
J. E. Myers	3.7
H. J. Block	5.1
L. J. Cronin	4.0
Chris Knudson	4.2
Shurtliff Co., wagon No. 1	5.2
A. W. Slocum	3.8
Shurtliff Co., creamery	4.2
Shurtliff Co., wagon No. 3	4.5

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July 19, 1904. Fort Atkinson.

	% butter fat.
Wm. Braunschweig, cream, from can	37.2
Wm. Braunschweig, milk, from can	4.9
Wm. Braunschweig, milk, from bottle	4.9
W. E. Kyle, milk, from bottle	4.6
W. E. Kyle, milk, from can	4.2
L. Rankin, milk, from can	5.4
J. D. Hetts, milk, from can	5.2
J. H. Richardson, milk, from can	4.1

Aug. 19. Samples of cream submitted Aug. 19, 1904. Model Creamery, Madison. E. Brown, Prop.:

	% butter fat.
Mt. Horeb	30.8
Edwin	27.0
Bratten	31.8
C. Messerschmidt	31.2
Fanners	31.8

Oct. 1st, 1904. Creamery at Kewaskum. Manager, S. Wolensak.

	% butter fat.
H. Koenen	4.5
Wm. Stagy	3.7
Wm. Schleif	3.0
Mrs. Joe Voltz	3.5
Fred Houth	3.9
Aug. Rokland	3.8
Chr. Becker	3.5
Dan Schrand	3.7
Nic Bach	4.5
Frank Metz	3.5
John Schaefer	3.7
Herman Backhaus	3.9
Chas. Bluhm	4.0
Wm. Baum	3.6
Frank Martin	4.2

Cream.

U. Dreher	22.0
Alb. Seefeld	30.0
Henry Marquardt	21.0
Rob. A. Backhaus	32.0
Henry Rothmann	24.0
Wm. Schmidt	20.0
Chas. Bleck	28.0
Henry Schulz	22.0
Chr. Oder	22.0
Jac. Stahler	28.0
John Berres	25.0
Paul Geier	23.0

Oct. 5, 1904. Creamery at Kewaskum. Manager, S. Wolensak.

Cream.

	% butter fat.
V. Dreher	27.0
Alb. Seefeldt	27.0
Henry Marquardt	21.0
Rob. A. Backhaus	26.0
Henry Rothmann	31.0
Wm. Schmidt	20.0
Chas. Bleck	21.0
Henry Schultz	26.0
Chris. Oder	25.0
Jake Stahler	29.0
John Berres	22.0
Paul Geier	21.0
John Koelsch	26.0
Chris. Schneider	16.0
Chas. Berres	21.0
John Schaefer	26.0
Julius Geier	24.0
Ph. Fellenz	19.0
Henry Backhaus	35.0
J. P. Fellens	32.0
Geo. Scheid	24.0
Mrs. Deringer	19.0
A. Hahn	18.0
P. J. Hahn	22.0
F. Mueller	29.0
P. Berres	35.0
M. Sweeney	35.0
P. Brodzeller	18.0
Chris Schroeder	18.0

Oct. 8, 1904. Cheese Factory at Jackson. Manager, Henry B. Woldt.

	% butter fat.
Val Reingaus	3.6
F. Schmahl	3.9
Mrs. Klump	3.2
Henry Prah	4.0
Chas. Prah	4.1
Alb. Schunemann	4.9
Mrs. W. Krueger	4.1
G. Lutz	4.4
Arnt Herman	4.9
L. Kreuger	4.4
L. Frank	4.8
G. Kreuger	3.6
Henry Herman	4.2
Gust Frank	3.6
Joe Kreuger	4.1
Henry Kreuger	5.2
E. Fisch	3.8
J. M. Frank	4.2
B. Garbush	4.3
Aug. Garbush	4.2
W. Gandt	5.4
F. Miske	5.0
L. Danterman	4.4
Wm. Schmah	4.2

Oct. 12, 1904. Cheese Factory at Werley. Manager, A. Ketterer.

	% butter fat.
Chas. Taylor	4.1
Joe Rencler	4.1

	¢ butter fat.
David Farris	4.2
F. Pohlmann	4.6
W. Frye	4.2
J. W. Smith	4.2
W. Steinforth	4.2
Levi Atkins	4.4
E. Weiser	4.0
W. Lance	3.6
Chas. Merry	4.2
A. Ketterer	3.7
S. Wehrle	4.2
L. Steiner, Jr.	4.2
J. Steinforth	4.7
C. Steinforth	3.9
C. Hunter	4.3
L. Steiner, Sr.	4.2
M. Faith	3.5
Mary Smith	3.4
Z. Pettit	3.7
Beaumeister Bros.	4.2
E. Adkins	4.2
Jake Elliott	4.7
W. Stanover	4.0
E. Sabinson	3.8
Mrs. Kephart	4.4
W. Long	3.6
F. Smith	4.3
W. Farris	4.0
C. J. Carmody	3.8
P. Quinn	3.9
H. Cull	4.0
Wm. Smith	3.8
A. Goodell	4.1
A. Hunter	5.0
Len Scott	3.9

Oct. 15, 1904. Creamery at Livingston. Manager, A. Eastman.

	¢ butter fat.
T. J. Watson	3.5
E. Jeats	2.8
G. Berkit	2.8
J. Miller	4.0
J. W. Bickford	3.7
H. W. Livingston	2.9
F. Biddick	2.6
O. Laughton	2.6
C. Bechter	3.6
G. Miller	2.9
H. E. Biddick	4.2
L. Kemper	2.5
F. Brosi	3.5
H. Trankle	2.4
W. Herver	2.6
I. Wilkinson	2.3
... Iverson	2.8
... Bourrett	4.4
F. Greenwald	4.0
F. Schneider	3.9
J. Hill	3.2
G. H. Thomas	2.8

Oct. 19, 1904. Creamery at Blue Mounds. Manager, John Welsensell.

	¢ butter fat.
T. Knudson	4.4
C. I. Brigham	4.2
C. B. Collins	4.9
O. Loken	4.1
O. Doken	4.3
A. Esker	4.3
T. Riley	4.5
J. W. Hellmenstine	4.4
Mrs. Cumen	4.8
M. K. Walsh	5.2

	¢ butter fat.
K. K. Kjolley	4.2
Geo. Hellmenstine	4.2
J. Tulland	5.3
D. Grebner	4.6
T. Tapper	4.1
A. B. McIlwee	4.3
W. Mohoney	4.0
H. Arnold	4.6
John Howry	4.0
A. Olson	4.2

Oct. 22, 1904. Creamery at Rileys. Manager, John Deneen.

	¢ butter fat.
J. Bryan	5.9
R. Riley	4.4
H. Klinefeldt	4.5
A. B. Lubcke	4.0
T. G. McCaughy	4.6
C. H. Hemsell	4.7
H. Hemsell	4.2
M. Krantz	4.8
J. Coyle	4.3
W. Cook	4.3
J. Riley	4.1
C. White	4.2
G. Gytes	4.2
Wm. Jackett	4.5
John Bryan, Jr.	3.6
Mrs. B. Beckwith	3.0

Oct. 21, 1904. Creamery at Klevenville. Manager, J. C. Farrell.

	¢ butter fat.
M. Skindrud	4.0
A. K. Sorenson	5.0
W. M. Goth	4.0
E. K. Bangs	4.0
H. Schwenker	4.7
M. Domini	3.9
A. Sletto	3.9
T. Mackesey	4.4
J. Mackesey	4.5
M. Birrenkott	4.6
F. Koch	4.3
H. Bangs	4.1
J. Brannen	3.6
W. Carden	4.5
J. Cary	4.5
J. Krantz	3.8
M. Farrell	4.5
A. Gilbertson	4
B. Vigdahl	3.8
C. W. Egan	4.4
H. P. Hanson	4.3
F. P. Smiley	4.7
J. P. Smiley	3.8
O. Olmstead	4.2
W. Jones	4.0
O. P. Garder	4.6
C. Bern	4.2
M. Trosten	4.2
G. Olson	4.1
N. O. Brunsvold	3.9
A. Trosten	4.2
H. Evenson	4.3
P. Connors	3.8
T. Connors	3.8
O. Severson	4.9
H. L. Trivette	4.5
L. E. Schwors	4.5
Mrs. O. Johnson	4.3

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	% butter fat.
P. Moon	3.4
J. Dollhausen	5.0
P. Lee	4.8

Cream.	
J. C. Livingston	26
H. Halgrim	20
E. Enloe	36

Nov. 1, 1904. Creamery at Orfordville, Rock Co. Manager, Fred Bartling.

	% butter fat.
C. Erdmann	4.9
A. Buehlow	4.2
N. K. Hesgard	4.1
G. C. Gilbertson	4.6
N. Braaton	4.6
C. A. Rice	4.6
J. Anderson	4.6
O. Anderson	4.4
N. Larson	4.8
C. Hyerdahl	3.2
L. Eggan	4.5
O. Testonson	5.1
B. Williams	4.2
J. Jacobson	5.0
R. Lang	4.0
R. Lang	5.3
C. Dunn	4.3
P. Satring	3.9
G. Bursley	3.9
J. Beck	5.0
J. E. Eggan	6.1
H. Olseth	4.8
H. Halden	4.6
G. Lang	3.6
R. H. Lang	4.1
H. Royce	3.7
N. N. Tollefson	4.6
O. Williamson	4.0
M. Engelbritson	4.6
T. O. Rime	4.0
F. Purdy	5.2
H. H. Trostom	4.2
K. N. Grunhurd	4.1
M. L. Vigdahl	4.3
P. Paulseth	4.9
N. A. Foslien	4.8
E. M. Renley	4.3
C. J. Eggen	4.5
A. A. Brunsvold	4.2
G. T. Smiley	4.3
C. O. Onsgard	4.6
G. O. Rone	4.5
O. Bertnes	4.2
L. Bertnes	4.7
M. L. Onsgard	4.0
Cream.	
H. C. Taylor	41.2

Nov. 10, 1904. Creamery at Black Earth. Managers, Hopkins, Bennett and Turk.

	% butter fat.
M. Johnson	4.4
E. C. Johnson	5.4
W. Johnson	3.8
R. Winze	4.4
R. Hacker	4.8
H. Hacker	3.8

	% butter fat.
F. Howery	4.2
F. Hickstine	4.4
J. Higgins	3.4
J. Hopkins	3.1
D. Heiney	4.8
O. Haseltine	4.3
Det. Heydon	4.8
W. Heydon	4.0
J. Heydon	3.4
J. Gyte	3.6
Fesenfeld Bros.	4.1
H. Fesenfeld	4.4
G. Fetton	4.4
Joe Falkner	4.4
J. Elliott	4.3
J. Dame	4.2
W. Dantz	3.1
A. Drake	4.0
A. Dybdahl	4.0
Dodge & Drake	4.2
B. Carter	4.1
J. Cary	4.5
U. M. Clough	3.6
T. Carroll	3.9
D. Carden	4.6
C. Bennett	4.2
A. Bocken	4.3
E. Bardsley	4.2
W. Batty	4.2
D. Barber	4.2
A. Riggs	4.3
C. Brookman	3.2
B. Bennett	4.0
C. Bennett	3.9
S. L. Bennett	4.4
W. Zink	3.8
Mrs. E. Wood	4.2
E. F. Ward	4.2
A. Walford	4.0
W. Willie, Jr.	3.8
J. Ward	4.2
J. Utpatel	4.2
T. Thompson	3.6
S. Turk	3.8
C. Turk	4.0
Turk Bros.	3.9
A. Turk	4.0
F. Turk	4.1
F. & W. Turk	3.6
A. Schneider	4.3
J. O. Stewart	4.7
Sadlick	4.0
H. Shumacker	4.1
W. Shackleton	4.1
J. Simpson	4.6
I. J. Sanderson	4.1
G. Shields	4.9
B. Showers	4.5
E. Shultz	4.6
D. Scarlet	4.0
H. Schank	3.6
F. Stublely	5.0
C. Stublely	5.6
W. Swaranger	4.4
H. Rolfs	4.3
W. Rolfs	4.2
J. Ribb	4.4
F. Roberts	4.4
Mrs. Peterson	3.8
L. Parmen	3.6
Nie Myere	4.4
W. Meister	4.1
J. McCue	4.1
A. Mickleson	3.6
B. Merrick	4.6
A. Mickleson	4.3
J. Lynch	4.4
Mrs. Lang	3.8

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Nov. 17, 1904. Creamery at Tiffany, Rock Co. Manager D. M. Spicer.

	% butter fat.
J. Davis	4.9
A. Hern	4.4
C. Van Galder	4.0
A. Wright	3.5
R. Kemmerer	3.6
J. Conroy	4.2
A. Bretkreutz	3.3
C. McGlauchlin	3.3
B. H. Smith	4.4
J. Nitz	3.8
A. J. Chubbuck	3.7
R. Howard	3.4
W. Eddy	4.2
A. Haseman	4.9
W. Feiru	4.1
L. A. Meloy	4.4
A. Schrandt	3.7
D. L. Stark	3.9
J. T. Atkinson	3.5
C. J. Rice	3.8
G. Zickert	3.7
W. Dunn	4.0
E. Rice	3.6
E. P. Bestwick	4.4
T. Patrick	4.0
N. Parker	3.6
J. Carr	4.2
F. Bradford	3.5
C. Cummings	3.7
H. Krebs	4.1
F. Smith	3.8
T. Cox	4.6
G. Knipshild	4.0
B. Walte	4.4
C. Meier	3.6
H. Trieloff	4.0
F. Colver	4.0
J. Reddy	4.0
R. Finster	3.8
F. Knipshild	5.4
C. W. Stark	4.2
H. Keopkie	4.6
J. Ross	4.6
C. Hilker	4.2
A. Higgins	4.0
W. Schoeberle	3.3
W. Gilbert	4.4
C. Howard	4.0
C. Schenck	3.8
E. S. Smith	3.9

Nov. 23, 1904. Creamery at Jacobsville. Manager, W. J. McDonnough. Postoffice, Elkhorn.

	% butter fat.
F. Elswarth	4.2
S. Solverson	4.0
R. Nelson	3.8
C. Quass	4.1
Mrs. Brabazon	3.9
P. Belton	3.9
J. Reinhardt	4.1
F. Wilear	4.5
J. Wilear	4.6
M. Kittleson	4.1
J. Sanders	4.2
E. C. Smith	4.2
O. Jacobson	3.8
A. Olson	3.7
F. C. Zimmerman	3.6
J. Nelson	3.7
Jas. Sturtevant	3.6
P. Campbell	3.6
J. Goodyear	2.6

	% butter fat.
J. Strong	4.0
E. Evenson	3.3
Mrs. L. Babcock	3.0
L. D. Flitcroft	4.0
O. Larson	3.9
G. Olson	3.8
H. B. Foster	3.8
I. Jacobson	4.4
Jas. Grise	4.0
F. Foiker	3.9
S. Kenney	4.4
F. Smith	3.7
A. Anderson	3.9
W. J. McDonnough	3.9

Nov. 26, 1904. Creamery at Six Corners, Milton. Manager, D. Gray.

	% butter fat.
J. W. Hall	4.1
Wm. Kennedy	3.8
L. A. Wolfrom	4.2
H. Millard	4.0
H. Arndt	3.7
S. M. Summerbell	4.9
O. Mullen	4.2
J. Fetherston	4.2
H. Tess	3.5
J. McNally	4.4
G. A. Crandall	4.2
J. Monogue	4.0
E. L. Bingham	3.7
C. Saxe	4.2
A. Frank	4.3
John Monogue	4.3
Warner	4.3
F. Boetcher	4.3
Lempke	4.0
G. Saunders	3.7
A. Yates	3.4
C. A. Rice	3.5
G. Shoulds	4.1
A. Malwitz	4.1
R. Hull	3.9
J. Zansinger	4.4
J. Palmer	3.6
D. Gray	3.6
J. Jennings	3.7
O. Bevins	4.0
C. Newton	4.0
Huder	4.1
F. Fields	3.7
T. Farrell	4.9
F. Bier	3.9
J. Clark	3.9
R. Kellum	4.5

	Cream.
G. Bacon	26
J. Clark	32
H. Schultz	28
D. Marquart	4.2
F. Schneider	4.4
F. Schneider, Jr.	4.1
L. Deldrick	3.5
T. S. Gordyer	4.5
S. Lock	4.3
C. H. Weber	4.1
C. W. Weber	4.3
H. Alwin	4.4
A. Garber	3.7
F. Richardson	4.2
Wm. Smith	3.9
B. Guernsey	4.0
G. Rockwood	4.5
L. Godfrey	4.0
H. Gray	4.3

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Dec. 2, 1904. Submitted by Carl		% butter fat.	
Frehner, Darlington, Wis.		E. Reeck	3.9
J. Lancaster	4.5	Wm. Arndt	4.6
A. Currens	4.1	Wm. Bandenburg	4.6
C. Osterdag	5.0	Mrs. Ross	5.8
A. Hendricson	4.5	H. Schmanson	4.8
F. McGovern	3.9	Mrs. Abbott	5.0
J. Hehn	4.5	G. Schmaltz	4.2
J. Pattinson	4.5	L. Geyer	6
Th. Pattinson	5.25	L. Brown	6.4
J. Tully	4.8	A. J. Trabert	5.4
G. Hermanson	4.5	A. J. Snider	5.0
P. Steger	4.5	F. Sonnenberg	6.5
Murray Bros.	5.1	R. Bunnell	5.8
J. Reed	5.5	E. Curtain	4.4

Dec. 2, 1904. Creamery at Cross Plains. Manager, H. M. Zander.		% butter fat.	
H. Banks	4.0		
A. C. Festge	3.9		
O. Festge	4.0		
H. Festge	3.9		
K. Gorman	3.2		
O. Kerl	3.3		
C. Kalsow	4.4		
Geo. Kalsow	3.4		
A. M. Partridge	4.6		
C. Westfall	3.2		
Cream.			
Mrs. J. Miller	23.5		

Dec. 7, 1904. Creamery at Wonewoc. Manager, Peter Minster.		% butter fat.	
E. Dahler	4.0		
J. Horsag	3.8		
J. McKape	3.8		
J. Wildenroth	5.0		
Mortison	4.3		
Startz	3.6		
J. Hoffmuth	3.9		
E. Rabuck	3.9		
Walters	3.6		
F. Meyer	4.6		
F. Meffert	3.3		

Dec. 10, 1904. Creamery at Elroy. Manager, Badger State Creamery Co.		% butter fat.	
Cream.			
G. Hill	34		
C. Hill	31		
Helge Thompson	25		
O. Stegeman	23		
W. Hyler	31		
J. C. Johnson	17		
G. Johnson	19		

Dec. 14, 1904. Creamery at Wilton. Manager H. Sorge & Son.		% butter fat.	
A. Summerfeld	4.6		
W. Cummings	4.8		
Mitchel & Qidney	4.4		
M. Kramer	4.0		
H. Lapps	5.2		
A. Garske	4.6		
M. Costello	4.6		
F. Buchholtz	6.0		
H. Mittag	6.0		

Dec. 15, 1904. Limburger Cheese Factory in Lima Township, Grant County. Manager, Fred Schuler, Livingston, Wis., R. F. D., No. 1.		% butter fat.	
John H. Livingston	4.20		
F. E. Stephens	4.65		
Fred Weinbrenner	5.95		
H. J. Orton	4.55		
James Hannan	4.80		
Thomas Hannan	5.25		
Newcomb Watchorn	4.85		
Tim Watchorn	4.70		
Jay Dennis	4.95		
John Kenney	4.95		

Dec. 15, 1904. Creamery at Wilton. Manager, E. M. McCann.		% butter fat.	
C. Buelow	3.9		
Hargrave & Hayward	6.1		
W. J. Ferries	4.6		
A. M. Stoddard	4.4		
Aug. Bartz	4.0		
W. E. Todd	5.4		
Mrs. P. Leake	5.0		
W. Smansow	4.8		
F. Waege	4.6		
Otto Kuehl	5.4		
J. Thurrow	4.7		
H. Friske	4.3		
W. Schultz	5.8		
Julius Schammons	5.4		
W. G. Arndt	4.4		
H. J. Mosher	5.2		
A. Geise	4.2		
Henry Koehler	5.1		
H. Winkelman	5.4		
A. McEvoy	4.8		
J. H. McEvoy	4.2		
F. Weineke	6.0		
E. Rogge	4.4		
H. Weineke	4.1		
H. R. Rice	5.0		
E. M. McCann	4.6		
E. C. Rice	4.0		

Dec. 23, 1904. Creamery at Melvina. Manager, Joe Morrison.		% butter fat.	
Cream.			
Joe Schaitle	16		
John Murphy	22		
Aug. Lieb	20		
P. H. Scheiffer	17.5		
J. Baumbach	16		
M. Schaitle	24		

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Dec. 20, 1904. Creamery at 10 M. N.
W. Chippewa Falls. Manager, W. H.
Meagher. Chippewa Falls, R. F. D., 2.

	% butter fat.
Frank Aultman	4.3
J. Hartman	5.3
C. Boose	4.0
M. Schneider	4.1
H. Schemmaw	4.6
J. Zwiefelhofer	5.2
Seb. Duchel	5.0
M. Schwartz	4.2
J. Polly	5.0
J. Gallagher	5.1
Mary Loew	5.5
Frank Horn	4.8
T. O'Neil	4.8
M. Goetel	6.3
A. Boose	4.4
J. Bohl	4.1
A. Swaboda	4.7
J. Bove	4.2
A. Powers	5.0
N. Danielson	6.7
J. Dachel	5.0
A. Andel	5.2
J. Zwiefelhofer	4.7
J. Smith	5.3
F. Goetel	5.3
W. Groehy	5.0
R. Pieler	4.5
M. Meagher	4.0
J. Strobel	4.9
A. Benesch	4.4
J. Urbon	5.2
P. Bove	4.6
W. H. Greening	4.8
J. Krall	5.0
J. Geisler	4.9
A. Dachel	4.8
J. Shindler	4.4
J. Banesch	4.7
P. Michael	4.0
W. Cressey	5.0
D. Quimbau	5.0
T. Peterson	5.2
Cream	
W. H. Gates	29
A. Olsca	19
D. Ellis	24
I. Tupper	19
Chamer	24
Cloves	21.5

Dec. 14, 1904. Creamery at Bassetts.
Manager, John Kerkhoff.

	% butter fat.
B. Kerkhoff	4.4
B. Elverman	3.8
A. Schlax	4.3
P. Kramer	4.2
H. Lais	3.7
V. C. Reynolds	4.7
Wm. Fricgel	4.0
Aug. Neuman	3.9
Bill Redline	4.5
Fred. Bosselman	4.5
John Radug	3.9
Aug. Voss	4.4
Theo. Hoffner	4.1
Ben Helming	4.3
John Kerkhoff	4.2
H. Gerling	4.3
J. Beilhan	4.2
G. Nelhaus	3.9
Ed. Rosenhauer	4.2
J. Bernhoff	4.0
J. Hutchmer	3.9

	% butter fat.
Joe Epping	3.9
Ben Lais	3.8
Wm. Higgins	4.9
Theo. Hollencamp	4.0
Wm. Zubell	4.5
Gust Zubell	4.9
M. L. Hoffman	5.2
J. Elverman	3.7
C. Valtersdorf	5.2
A. Elverman	4.7
Joe Kerkman	4.5
John Hunchbusker	4.1
Wm. Somerfeld	4.4
R. Feldcamp	3.8
Ben Lohaus	3.9
Peter Saubert	5.5
H. Saunking	5.4
John Taunking	3.7
Herman Lais	4.2

	% fat.	Sp. Gr.
Benj. Lenz	4.7	1.033
Benj. Lenz	3.9	1.033
Ferd. Johns	4.1	1.033
Ferd. Johns	4.1	1.0335
Ferd. Bosselman	4.3	1.034
Ferd. Bosselman	4.5	1.033

Oct. 20, 1904. Cold Spring Cheese
Factory, in Portland township, Dodge
county. Manager, Wille Huebner,
Reeseville, Wis., R. F. D., No. 1.

	% fat.	Sp. Gr.
William Lenz	4.7	1.031
August Kruger	4.4	1.031
Chas. Kuetzman	4.6	1.0285
Fred Huebner	3.9	1.0307
August Kohn	4.2	1.0303
Christ Kohn	4.05	1.0256
Mrs. Wm. Winter	4.35	1.0312
Fred Kols	3.65	1.0273
Charles F. Haselen	3.75	1.032
Christ Lee	4.6	1.031
Theodore Wolfgram	3.7	1.0311
Alvin Kuppleen	3.8	1.0313
August Fischer	4.2	1.031
John McGovern	2.2	1.0142
Albert Huebner	4.15	1.0308
Herman Kohls	3.3	1.0293
Fred Brockman	3.2	1.0322
Chas. Huebner	3.8	1.0323
Johnnie Schau	4.5	1.030
Henry McGovern	3.2	1.0278
Joseph Fachel	2.95	1.0256
Albert Quade	4.45	1.031
Henry Yergern		
Pat Dowd	5.3	1.0303
Wm. Kisow	3.4	1.0317
Amel Guise	4.7	1.0303

7 miles southwest of Brodhead. Manager, Jacob Marty. P. O., Brodhead.
Specific gravity
at 60° F.

Henry Pinoe	30.6
H. Riese	31.1
Wm. Webermeier	29.9
Wm. Moore	31.4
Dick Cleman	31.7
A. Rusehisen	31.4
F. Stebler	30.5
F. Schroeder	32.2
D. Nocomer	27.0
Kreg	31.2

	% butter fat.	
B. Zweifel	32.3	
Jno. Steiner	32.3	
M. Douglas	32.	
C. Bropst	31.	
H. Lamb	31.	

Nov. 30, 1904. Swiss Cheese Factory, 5½ miles S. W. of Brodhead, Wis. Spring Grove, Green Co. Manager, Rudolph Zweifel. P. O. Brodhead, Wis., R. F. D. No. 2.

	% fat.	Sp. Gr.
Rudolf Zweifel	4.25	1.033
August Nenenman	5.0	1.033
Fred Bentow	5.0	1.0355
Joel Hooker	5.3	1.0327
John Loss	4.9	1.0333
Isaac Young	4.95	1.0330

Test for fat, solids not fat and preservatives Nos. 1 to 7 inclusive have 6 drops of corrosive substance added to each sample Nos. 12, 11, 8, 14, 9, 15, 13 are duplicate and just as delivered to factory.

Nov. 30, 1904. Limburger Cheese Factory, located 5½ miles S. W. of Brodhead, Spring Grove Township, Green Co., Wis. Manager, Rudolph Zweifel. P. O. Brodhead, Wis., R. F. D. No. 2.

	% fat.	Sp. Gr.
Manley Douglas	4.2	1.034
Rudolph Zweifel	4.25	1.033
August Nenenman	5.0	1.033
Fred Bentow	5.0	1.0355
Joel Hooker	5.3	1.0327
John Loss	4.9	1.0333
Isaac Young	4.95	1.033
Manley Douglas	4.2	1.034

WISCONSIN CURD TEST.

Oct. 10 to 11, 1904. Swiss Cheese Factory, located 3½ miles N. E. of Gratiot, Town of Gratiot, La Fayette Co. Manager, Alexander Rollé.

P. Olson. Flavor, not clean, old can odor. Texture, fair. Slightly open body.

P. Rounrod. Flavor, clean. Texture, good. Close meaty body.

S. Johnson. Flavor, clean. Texture, good. Close meaty body.

M. Nugard. Flavor, clean. Texture, good. Close meaty body.

O. Olson. Flavor, clean. Texture, good. Close meaty body.

O. Stohrod. Flavor, clean. Texture, good. Close meaty body.

Fred Niderhausen. Can No. 1. Flavor, clean. Texture, good. Close meaty body.

P. Thortelson. Flavor, clean. Texture, good. Close meaty body.

Jonn Kamprod. Flavor, clean. Texture, good. Close meaty body.

Chris Stohrod. Flavor, clean. Texture, good. Close meaty body.

G. Solffe. Flavor, clean. Texture, good. Close meaty body.

A. Gloverson. Flavor, weedy, not clean. Texture, good. Close meaty body.

Mc Lam. Flavor, barnyard, bad. Texture, spongy. Very gassy, full of pin holes.

Chris Benson. Flavor, clean. Texture, good. Close meaty body.

O. Nelson. Flavor, clean. Texture, good. Close meaty body.

Fred Niderhausen. Can No. 2. Flavor, slightly weedy, not clean. Texture, fair. Loose open body.

Oct. 14, 1904. Cheese Factory, 2 miles due west of Gratiot, Wis. Manager, C. Winters. P. O. Gratiot, Wis.

	% fat.	Sp. Gr.
C. Winters	3.4	1.0288
J. Dornieden	4.2	1.0318
C. Bush	3.0	1.0223
S. Ganshut	3.4	1.032
J. D. Brannen	3.6	1.0325
F. Brannen	3.8	1.0318
H. Brannen	3.2	1.0318
T. Leahy	3.4	1.0328
P. Blonbough	4.4	1.0308

Oct. 15, 1904. Cheese Factory, 5 miles northwest of Gratiot, Manager, D. H. Herrell. P. O. Gratiot, R. F. D. No. 1.

	% fat.	Sp. Gr.
J. Killkelly	3.8	1.0313
M. Fisher	3.90	1.0323
D. H. Sullivan	3.1	1.0258
D. H. Iernle	4.0	1.0313
D. Murphy	4.6	1.031
Geo. Scheldiger	3.6	1.0305
J. McKauna	3.4	1.0325
J. Brown	3.8	1.0315
T. Wilson	3.6	1.0328
F. Newman	1.0308
J. Miller	1.032
P. McKanna	3.8	1.030

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Feb. 2, 1905. Creamery at New London.

	% butter fat.
C. Strasburg	3.6
A. McVickar	3.5
F. Roehl	3.4
Mrs. Britzke	4.0
T. Cooper	3.4
F. Liebnon	3.6
N. Albright	3.2
C. Duckert	3.4
T. Shale	3.6
W. Pohlman	3.8
T. Ehnert	3.6
F. Mundt	3.2
G. Barkholz	3.1
F. Puncel	3.6
H. Krukenberg	3.4
A. Buchanan	3.0
A. Munson	3.6
Fiback Bros.	3.3
C. Meske	3.4
Aug. Yoan	3.4
F. N. Puncel	3.2
A. Wegeward	3.2
E. Campbell	4.1
A. Kroese	3.8
F. Goar	3.0

P. Belton	3.5
F. Wilcar	3.9
U. Wilcar	4.0
J. Sanders	3.9
G. Wilson	4.1
O. Jacobson	3.8
A. Olson	4.0
L. P. Holgerson	3.8
F. C. Zimmerman	3.8
J. Ne son	3.9
J. Sturdevant	3.5
J. Goodyear	4.8
J. Strong	3.8
E. Evenson	3.5
J. Connoughton	3.3
Mrs. L. Babcock	3.4
L. B. Flitscroft	3.6
O. Larson	3.9
G. O. son	3.7
H. B. Forster	...
I. Jacobson	4.8
Jim Grise	3.6
H. Polker	3.8
E. Kenney	3.8
F. Smi h	3.8
A. Anderson	3.4
J. W. McDonough	3.8
S. York	4.4
A. Mayer	4.2
C. Brabazon	3.9
B. White	3.5
O. Kittelson	3.5
J. Watson	3.6
I. Wilcar	4.3
A. Ellefson	3.9
F. Duesterbeck	4.0
A. Kasten	4.2
O. Peterson	4.0
Nels Peterson	3.8
J. Rasmussen	4.0
Mrs. L. Rasmussen	3.9
E. Olson	3.6
F. Fiddler	3.5

Jan. 5, 1905. Creamery at Otter Creek, Manager, Otto Sawien, Milton Junction, Wis.

R. Marquardt	3.6
W. Garrigus	5.0
R. Smita	4.0
W. Kunkel	4.8
A. Klug	4.3
J. Krouse	5.0
F. Sauman	4.0
F. Sievert	3.8
T. Bassett	4.2
L. Bassett	3.4
E. Hu.	4.4
D. Hahn	3.8
W. Bryant	4.6
S. Robinson	4.5
J. Rook	3.9
J. Mas erson	4.2
F. Westric	4.0
P. Westric	3.7
H. Dunwell	4.1
L. Krappner	3.8
A. Asterson	4.7
N. Cark	4.1
R. Brooks	4.4

March 4, 1905. Creamery at Zenda. Manager, H. B. Hatch, Zenda.

	% butter fat.
H. B. Hatch	3.7
G. F. Beardsley	3.8
G. Stoneall	3.4
A. E. Comne	3.9
J. Leedle	3.5
W. York	4.0
C. Schwabe	3.8
G. Leedle	3.7
H. Karcher	3.8
W. Brietspecker	3.3
J. Denison	3.7
B. Emery	4.4
Mrs. D. Jung	4.4
B. Kimball	3.6
B. Palmer	4.0
A. Heling & Son	3.5
A. Granlick	3.6
N. Hatch	3.7
Ingals & J. Reck	3.7
J. Reck	3.7
J. H. Comne	3.8
W. Greene	3.6
J. B. Comne	3.6
S. Stoneall	3.4
F. Walsh	3.5
W. Cullon	3.8

Feb. 27, 1905. Creamery at Jacobsville, Walworth county. Manager, W. J. McDonough, Elkhorn, Wis.

	% butter fat.
F. Ellsworth	3.8
R. Nelson	4.0
Mrs. J. Brabazon	3.5

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Welter & De Hou	3.3
G. Batchelette	3.8
W. Leedle	3.9
H. Ford	3.7
Stewart & Jones	4.0
B. De Hain	3.8
J. York	3.7
E. Everet	3.8

A. Phister	4.0
H. Reuss	3.7
E. Scott	4.0
E. Judd	3.6
W. Crooks	3.5

March 15, 1905. Creamery at Moundville. Manager, T. Sutcliffe, Endeavor.

	% butter fat.
J. Sharr	3.4
H. Jones	3.8
W. Wade	3.2
N. Jacobson	3.6
A. Powell	4.0
A. Smith	3.6
R. Hume	3.8
M. Mason	3.6
G. Gaylord	3.5
A. Audiss	3.6
G. Hume	3.8
J. Scholes	3.6
A. Jones	3.9
L. Jones	3.6
W. Hume	4.0
A. Russell	3.6
H. Hall	4.0
T. Sutcliffe	3.7
J. Hume	3.7
J. Hill	3.3
A. Dixon	3.6
J. Ellis	2.5

waukee 17, 1905. Creamery at Packwaukee. Manager, F. A. Carter.

	% butter fat.
F. Walters	3.6
C. Tom	3.6
W. Walters	3.3
C. Baker	3.5
O. Kluth	3.9
F. Hintz	3.4
H. Thalacke	3.6
G. Haskins	3.7
B. Herring	3.8
A. Thalacke	4.3
A. Hintz	3.5
G. T. Thalacke	3.6
J. Lang	3.8
W. Nott	3.3
W. Neill	4.0
M. Garrow	3.8
L. Pike	3.8
N. Allen	4.2
H. Larson	3.2
G. Labrintz	3.7
E. Bender	3.2
J. Broncel	4.0
R. Swanel	4.2
G. McKenn	4.4
W. Baker	3.8
E. Juncenburg	3.2
O. Salker	4.4
J. Miller	3.6
F. Scavey	3.2
K. Lang	3.5
A. Bareser	3.2

March 6, 1905. Creamery at Belleville. Manager, B. Weber, Belleville.

	% butter fat.
Joe Yeagle	3.4
W. Moorhead	3.8
A. Christensen	3.4
V. Garville	3.3
F. Phister	4.6
W. Heames	4.0
W. Chatterton	3.8
A. Garville	3.3
J. Colney	3.6
F. Ginnen	3.7
C. Menigoz	3.8
John Fahey	4.0
W. Oliver	4.0
P. Ginnen	3.1
J. Rehmev	3.4
I. Garville	3.8
W. Wloughby	3.6
E. Ginnin	3.2
E. Mass	3.9
W. Cunningham	3.8
Hoskins & Doyle	3.2
M. Ross	3.8
R. Wind	3.2

March 10, 1905. Creamery one and one-half miles west of Johnson's Creek. Manager, R. Elsie & Son, Johnson's Creek, R. D.

	% butter fat.
W. Mautz	3.0
F. Baker	3.1
Mrs. Sergman	3.4
F. Wendt	3.9
H. Heller	2.6
F. Wollein	2.8
P. Kohler	3.4
H. Boch	3.3
C. Ladine	3.2
Mrs. Bundel	3.7
A. Ambrose	3.6
H. Mallineat	3.6
V. Gruetebach	3.7
H. Emmert	2.9

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	% butter fat.
A. Stark	3.0
J. Shwab	3.4
W. Ladine	3.0
F. Fisher	3.6
I. Shwab	3.0
J. Grutzbach	3.5
A. Wallin	3.3
A. Marber	3.1
C. Banker	3.2
I. Puterly	3.0
K. Miller	3.4
H. Jansst	3.5
H. Frolish	3.0
C. Wollein	3.2
E. Wollein	3.3
S. Stiker	3.1
Hanke	3.6
G. Zubke	3.1
G. Zubke	3.5

	% butter fat.
R. Burwell	5.0
H. Chapman	3.9
C. Coon	4.2
F. Sweaney	3.8
C. Smith	3.0
G. Russell	3.8
J. Grant	4.0
E. Skinner	4.2
J. Warren	3.4
L. Loomer	4.3
D. McDougall	4.2
M. Mills	4.2
F. Darling	3.5
W. Dorr	4.2
C. Hodge	3.8
E. M. Gardner	4.9
F. Smith	3.1

March 14, 1905. Creamery at Eagle. Manager, F. Baker, Eagle.

March 11, 1905. Creamery at Newville. Manager, F. C. Jennings, Edgerton, R. D.

	% butter fat.
W. Affeldt	4.0
C. Tubell	4.0
W. Splitter	3.4
A. Rutz	3.6
W. Stricker	3.8
J. Stricker	3.3
B. Pierce	4.3
A. Dallman	3.9
C. H. Bliven	4.2
L. Schocksnider	3.8
D. Condon	3.2
E. Summerfeldt	4.3
J. Sherman	3.6
W. J. Park	3.5
F. C. Sherman	3.7
F. Wendorf	3.5
A. Husen	4.0
B. Cooper	4.2
J. Quigley	3.6
C. Brown	3.5
L. K. Peck	3.8
J. R. Splitter	3.5
G. Clark	3.8
G. L. Richardson	3.3
J. Bieck	3.3
G. Wesendonk	3.6
Quigley & Preston	4.0
II. Geske	3.0
W. H. Condon	3.3

	% butter fat.
E. A. Watrous	4.2
J. F. Brown	3.8
J. Schidler	3.9
E. De Witt	4.2
C. Marcholdt	4.0
P. W. Sykes	4.6
J. Skidmore	4.6
O. Bigelow	3.8
C. Worm	4.5
H. Featel	3.6
R. Baker	4.4
F. Andover	4.0
O. Vought	3.7
J. Bienening	3.6
F. Baker	4.0
F. Sprague	4.2
Mrs. Betts	4.2
M. F. Betts	4.3
J. Whittem	3.8
T. Schidler	3.9
F. Perry	4.1
J. Thielie	3.9
W. Marquardt	3.6
J. Crowley	3.8
A. Gibson	3.6
A. Smith	3.8
H. Onyon	3.1
J. Allpress	3.6
J. Burmaster	4.7
V. Stubbs	4.7
C. Thurtoft	3.8
W. Meredith	3.8
M. Thiele	4.3
A. Bridenbech	4.4
G. Cummings	4.1
H. Thomas, Jr.	4.7
II. Thomas, Sr.	4.3
F. Faestle	4.4
C. Sawyer	3.9
E. Burton	3.9
M. Parsons	4.6
F. Draper	4.5
F. Schuska	4.0
H. Stiekles	3.6
N. Macholdt	4.0

March 14, 1905. Creamery at Endeavor. Manager, W. H. Burwell, Endeavor.

	% butter fat.
E. R. Gardner	3.7
J. C. Smith	3.4
II. Churchill	3.9
G. Scholes	3.8
A. Holmes	4.5
C. Skinner	3.9
B. Brown	5.2
S. Hill	4.7
T. Ellis	3.7
F. Ager	3.4
W. Leach	3.8
R. Bonas	3.5
W. Rodger	3.4
T. Skinner	4.7

March 16, 1905. Creamery at Kneeland. Manager, O. Loughby, Caledonia, R. D. 12.

	% butter fat.
L. Stemmueler	3.8
J. Kearney	3.7
G. Freedy	3.6

	% butter fat.
E. Wacholtz	3.4
G. Wacholtz	3.3
T. Dewor	3.3

March 31, 1905. Creamery at Randolph. Managers, Ward & Andrus.

	% fat.	Sp. Gr.
Skim milk	0.08	
H. Achterberg	3.6	1.0305
A. Bork	3.8	1.0295
A. G. Bancroft	3.7	1.0295
Mrs. F. Bedker	4.5	1.0315
G. Barstow	4.0	1.0315
T. Dronnett	3.3	1.0305
Wichner Bros.	3.7	1.030
A. W. Hopkins	3.6	1.031
Thos. Jones	3.6	1.0305
H. Klooster	3.1	1.0285
G. Livingston	3.8	1.031
F. Livingston	4.2	1.0305
I. Livingston	4.4	1.030
Chas. Maas	3.0	1.0295
Ed. Ponto	3.2	1.0295
Wm. Roeder	3.6	1.0295
H. Roeder	3.7	1.0305
J. Ryan	3.3	1.028
M. Sidoske	3.5	1.030
Wm. Schroeder	3.3	1.030
Mrs. F. Stracheske ..	3.9	1.030
St. Stracheske	3.6	1.0295
F. Wichner	3.6	1.0305
C. Wiegman	3.2	1.030
W. G. Waterworth	3.6	1.0285
M. Velinske	3.7	1.030
B. C. O'Laughlin	3.4	1.031
Wm. Kennedy	3.8	1.0295

March 31, 1905. Creamery at Shortville. Clark Co. Manager, E. Carter, Neillsville, R. D.

	% butter fat.
W. Stevens	3.9
E. Nelson	3.3
G. Nelson	3.6
T. Hitchcock	3.5
W. Colburn	3.8
H. Stelsie	3.3
W. Beck	3.8
Kunish	4.0
E. Carter	3.6
J. Short	3.5
J. Carter	3.4
R. France	4.1
P. Kuhn	3.5
Wolf	3.0
F. Wautlke	3.7
F. Schultz	3.2
E. Crockett	3.5
Wikkey	3.9
A. Hanks	4.7
Leuchner	3.1
E. Lezotte	4.3
Nichols	3.2
Salmiskie	3.4
Ordley	3.9
Spadey	3.5

April 1, 1905. Creamery at Wild Rose. Manager, A. E. Clark, Wild Rose.

	% butter fat.
P. Darlington	4.0
O. B. Oleson	3.6

	% butter fat.
K. Oleson	4.4
W. Hawks	4.6
R. Nelson	3.6
I. E. Smith	3.6
W. H. Jinks	3.4

April 4, 1905. Creamery at Princeton. Manager, F. W. Zastrow, Princeton.

	% butter fat.
R. Sobrolske	3.5
J. Kehnke	3.0
A. Jankowske	2.0
J. Gornow	3.1
H. Golz	3.5
F. Kreuger	3.1
H. Kehn	2.9
E. Liese	3.0
A. Kohnke	3.3
Mrs. Sobrolske	4.0
S. Kohnke	3.0
A. Loshinske	3.2
F. Ponto	4.0
W. Lichtenberg	3.0
H. Verch	3.2
A. Weneztske	3.4
H. Schimmel	3.4
F. Machtel	3.4
W. Wilgosh	3.4
G. Gluth	3.2
J. Koharske	3.3
L. Otto	3.3
W. Kalupa	3.6
T. Leuch	3.3
A. Polus	3.2
A. Adamske	3.8
G. Korn	4.1
T. Gelinske	3.5
J. Molodjick	4.1
A. Dolke	2.5
M. Mackawske	2.7
Ed. Klingbeil	3.6
F. Verch	2.8
J. Schimmel	3.4
John Manvilor	3.4
M. Korn	3.7
F. Bandt	2.8
A. Molodjick	4.4
A. Verch	2.8
W. Fuchs	3.4
Joe Rogeck	3.2
W. Wyse	3.2
E. Oelke	3.4
F. Debellions	3.4
H. Kahlm	3.6
F. Roshinske	3.2
C. Schimmel	3.7
F. Zelke	3.0
E. Shultz	3.3
J. Kaller	3.4
M. Poode	3.2
H. Spooner	4.0
P. Bartell	2.9
S. Moore	3.1
L. Leuch	4.4
H. Golz	3.4
W. Bierman	3.3
W. Reinke	2.8
Scholnetzke	3.0
J. Soda	3.1
J. Sullivan	3.2
J. Hoppa	3.2
H. Kaslerske	2.8
W. Gray	4.2

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	% butter fat.
J. Chikoske	2.8
W. Soda	2.6
G. Otto	3.8
S. Zelke	3.4
J. Schneeberger	3.3
W. Labjoske	3.0
W. Redman	3.0
M. Rednarske	2.8
H. Louno	3.6
J. Rageck	4.0
W. Schmidt	3.7
S. Johnkowske	3.4
M. Polus	4.0
M. Koharske	3.2
C. Maik	5.3
J. Kaatz	3.0
F. Bronkawage	2.6
C. Preuss	2.6
M. Philbrick	4.2
A. Freiman	3.4
A. Bukowske	3.3
J. Pitlock	4.0
S. Wausnock	3.2
H. Hoppi	2.8
H. Kreuger	4.0
F. Zauto	2.9
J. Meholkske	4.7
T. Schry	3.0
O. Osborne	3.6
H. Wagner	3.7
F. Nowack	3.6
J. Godarske	3.3
J. Woznock	3.2
McAsh	3.2
G. Sandberg	2.7
Y. Olcheske	3.1
A. Woznock	3.6
H. Arndt	3.2
A. Liese	3.6
E. Hoffman	2.9
E. Schultz	2.8
F. Puhl	2.5
F. Spooner	3.8
F. Zelmar	3.1
G. Koharske	3.3
A. Hall	3.7
A. Labay	3.1
L. Krause & Kreuger	2.9
Mrs. Shurpitt	3.3
R. H. Clark	2.8
J. Beyer	3.8
P. Neimer	2.8
W. Shade	3.4
J. Henning	3.9
Emma Held	4.6
E. Kant	3.3
Mrs. Dundee	3.6
J. Mativas	4.0
J. P. Godorske	3.6
S. Kallet	2.9
F. Kallet	3.6

April 6, 1905. Creamery at Salem.
 Manager, Wm. E. Tucker, Union Grove,
 R. F. D. No. 7. Buttermaker, Jeppe
 Jensen.

	% butter fat.
John Debell	3.5
Peter Hotz	3.4
Matt Hotz	4.0
Lewis Sherman	3.7
John Fox	4.0
Peter Ludwig	3.8
Byron Riggs	3.7

	% butter fat.
C. J. Lynch	3.7
J. G. McVicar	3.8
Geo. Riggs	3.6
M. McDonald	3.8
C. Winke	3.7
J. Rafferty	3.8
N. Mooney	3.8
F. J. Hurtnell	3.9
Albert Miller	3.7
Wm. Haase	3.9
H. Faden	3.8
Peter Miller	4.1
August Frank	3.8
De Bell	3.8
Joe Prott	3.7
Leslie Halladay	3.4

April 6, 1905. Creamery at Black
 Creek. Manager, W. H. Wyse, Prince-
 ton.

	% butter fat.
G. Thiel	3.8
W. Swanke	3.7
F. Wendlant	3.7
J. Ziltz	3.3
F. Mologick	3.8
F. Schultz	3.1
J. Nawatzke	3.6
J. Loshinske	3.6
W. Johns	3.4
F. Lunow	3.5
M. Hoffman	4.8
F. Hoeft	4.0
H. Abraham	3.9
J. Cavanaugh	3.3
F. Shurpitt	3.6
L. Bartol	3.1
A. Prackle	3.3
F. Mashock	3.5
C. Weinkauff	3.6
M. Foreman	3.3
J. Gobreshock	3.7
J. Frost	3.7
J. Koslaske	3.7
J. Wyse	3.5
M. Gwelt	3.4
E. Jahnke	4.0
Joe Hoffman	3.4
Gust Shultz	4.2
Gust Kenneman	3.6
Albert A. Priebe	3.3

April 7, 1905. Creamery at Salem.
 Manager, H. V. Scheloske, Salem.

	% butter fat.
A. Voltz	3.7
E. Haase	3.6
W. Kohn	3.4
J. Behnke	3.8
H. Eppnig	3.6
N. Brunnig	4.6
Kester & Elfess	3.8
B. Orvis	3.5
A. Hunt	4.0
C. Brandies	3.7
F. Kresken	4.0
J. Brandies	3.8
W. C. Harnes	3.6
W. Huff	3.6
F. F. Smith	3.6
A. Lois	3.5
H. Minnis	3.8

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		April 11, 1905. Creamery at Storey. Manager, H. Stone, Oregon, R. D.	
	% butter fat.		% butter fat.
C. Richard	3.0	H. Matson	3.6
C. Romle	3.8	P. Pernott	3.2
H. Furlong	3.7	J. B. Morse	3.4
E. Blanke	4.2	G. Faulks	bottle broken
H. Beimer	3.7	Rasmussen Bros.	3.5
I. D. Brown	3.6	F. Ace	3.4
A. Paddock	4.0	A. Francis	3.0
J. Madden	4.0	A. Reiss	3.2
J. Vanalstine	3.8	J. Pernott	3.5
L. Miller	4.0	E. Minningoy	3.3
F. Hartwell	3.6	A. Short	3.1
J. Molasky	3.9	C. F. Lamboley	3.2
O. Turnock	3.9	O. Frelin	3.3
A. Turnock	3.1	O. Genin	3.4
M. Reiter	3.1	Nanale Bros.	3.4
P. Reiter	7.6	J. Martinson	3.6
W. V. Cull	3.8	J. O. Neil	3.5
J. S. Cull	4.0	J. B. Seeley	3.4
A. Grulich	3.6	J. Clark	3.6
H. Kruger	3.6	Falvre	3.6
D. Murphy	3.6	R. H. Colby	3.8
Sorenson & Bloss	3.2	W. Grady	3.8
F. J. Smith	3.8	F. Schuler	4.1
E. W. Ripley	4.1	O. C. Johnson	3.9
J. McVicker	3.0	A. Johnson	3.3
G. Riggs	3.5	A. Shoning	3.4
C. Lynch	3.3	G. Lamboley	3.5
C. Dippe	3.6	O. Olson	3.4
J. Stahl	3.1	A. Olson	5.3
J. Terry	3.2	P. McConnie	3.6
N. Brick	3.7	D. Scanlon	4.2
J. Weton	3.7	W. Watson	3.6
G. O. Barhyte	3.7	Reedy, Hulbert & Co.	4.1
J. Hahn	2.8	G. Blizzard	3.7
J. Brooks	3.4	J. Lalor	3.3
J. Smithson	4.0	J. Williamson	4.0
H. Hartnell	3.6	T. J. Hughes	3.6
H. Gandt	3.2	W. Fincher	3.5
N. Arnold	3.7	H. O. Grey	3.0
J. Martin	3.6	E. Colby	3.3
J. Sorenson	3.7	F. Bethel & Co.	3.6
		W. Ace	3.3
		G. Genin	3.4
		C. Christianson	3.6

April 11, 1905. Creamery at Belleville. Manager, B. Weber, Belleville.

	% butter fat.
J. Veogle	3.4
W. Morehead	3.9
V. Garville	3.2
F. Phister	3.1
W. Chatterton	3.7
A. Garville	3.4
J. Colney	3.6
F. Gimin	4.2
C. Minnigeo	3.9
J. Fahey	3.3
W. Oliver	3.5
C. Cronn	3.6
J. Remy	3.8
X. Garville	4.2
W. Willoughby	3.3
S. Oliver	3.5
E. Mass	3.7
W. Cunningham	3.6
Hoskins & Doyle	3.3
A. Phister	3.6
H. Reuss	3.9
W. Crooks	4.2
F. Zweifel	3.3
F. Carteron	3.5
Skim milk	.04
Buttermilk	.2

April 13, 1905. Creamery at Kellog's Corners. Manager, F. J. Behn, Union Grove.

	% butter fat.
O. P. Johnson	4.4
J. Bowers	4.7
E. J. Paddock	4.4
H. Clements	4.0
N. Heingstad	3.9
C. Born	3.6
J. T. Steiner	3.9
T. Funk	4.0
M. Nue	4.1
Mrs. Heldersdorf	3.6
E. Lee	3.4
L. Herzog	3.7
W. Coughlan	3.9
E. Foster	3.8
R. Lee	3.8
P. Brown	4.3
T. Bowers	4.0
Skim milk	.35
Buttermilk	.7

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April 14, 1905. Creamery at Fairfield, Rock Co. Manager, F. P. Sax, Darien, R. D.

	% butter fat.
F. Arnold	3.4
N. Westenberg	3.5
Wolfrom	3.1
Y. Unternier	3.5
J. W. Johnson	3.5
W. J. Florin	3.7
J. D. Clous	3.2
J. D. Waterman	3.1
G. Palmerton	4.3
J. Hacknell	3.7
Henchell Bros.	4.7
A. Olson	3.6
C. Strom	3.6
N. J. McCarthy	3.6
G. Myer	3.5
J. Nelson	3.4
J. Reohl	3.7
C. Inmen	3.4
Dykeman Bros.	3.9
A. Corning	3.3
J. C. Sirls	4.0
J. E. Cutter	4.3
A. G. Clous	3.7
H. Wilkins	3.8
J. Erickson	3.6
W. Jackson	3.5
N. J. Wilkins	3.7
A. P. Wilkins	4.7
J. McFarland	3.6
C. Gosso	3.6
W. J. Rokenbroke	3.6
E. Whitmore	4.3
J. C. Putnam	3.2
A. D. Clark	4.2
C. Hacknell	3.8
S. D. Weltch	3.5
R. More	3.2
W. More	3.7
W. J. Waugh	4.1
D. W. Hogan	3.9
J. Sorenson	3.4
C. Dykeman	3.3
W. H. Dykeman	3.7
C. Oliver	3.0
W. McFarland	3.4
J. Morton	3.5
F. Wilkins	3.6
O. Stinkhaus	3.7
G. Brottlund	3.8

April 19, 1905. Creamery at Mill Creek. Manager, Roy Hastings, Marshfield.

	% butter fat.
W. Ohm	3.8
P. Bloom	3.3
J. Wolf	3.5
T. Johnson	3.6
W. Dohm	3.7
O. Visty	3.5
F. Wolf	3.0
E. Benisch	5.3
B. Meyers	3.7
A. Wechork	4.0
J. Gurgs	3.7
O. Gunderson	3.6
F. Sullivan	3.7
J. Marshfetter	3.2
W. Honp	3.6
T. Killie	3.2
R. Armitage	3.3

	% butter fat.
E. Borduer	2.7
T. Curton	3.8
Mrs. Galantin	3.1
M. Roethle	3.5
C. Galantin	3.6
C. Buckman	3.8
Skim milk	.04
Buttermilk	.11

April 20, 1905. Creamery at Medina. Manager, L. Nutter, Medina.

	% butter fat.
S. L. Reed	3.4
C. Langman	3.7
E. Vanalstine	3.3
W. Koss	4.2
A. Bottenseck	3.9
J. Atchison	3.5
L. Running	3.3
E. Koss	3.6
D. Ruppel	3.7

April 21, 1905. Creamery at Auburndale. Manager, F. W. Parks, Sherry.

	% butter fat.
P. Kmiger	3.2
J. Schrader	3.9
J. Daxler	3.3
J. Lusk	4.0
F. Ponkrat	3.7
C. Rickmon	3.2
A. Luekke	4.1
J. Lubl	3.7
J. Schultz	4.1
J. Kuntenger	3.9
J. Ponkrat	3.6
J. Schriener	3.7
T. R. McDonald	3.5
W. Wurl	3.5
J. Ahl	3.8
L. Fueher	3.0
F. Dillinger	3.6
F. Ponkrat	3.4
C. Singer	3.2
C. Heeg	3.6
W. Gotz	3.3
T. Tremel	3.6
S. Ashenber	3.6
T. Mink	3.3
C. Teska	3.6
J. Bradel	3.7
R. Burghart	3.7
G. Larsen	3.5
F. Herman	3.3
C. Maws	2.7
J. Raab	3.2
G. Kuntenger	3.6
W. Post	3.3

April 21, 1905. Creamery at Sherry. Manager, F. W. Parks, Sherry.

	% butter fat.
J. Younger	3.2
A. Riekle	3.3
G. Kollenhoffer	3.7
T. Kollar	3.6
P. Hoffman	3.8
Mrs. Jankoritz	3.9
J. Onast	4.2
C. Weinfooter	3.7

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	% butter fat.
J. Mlezla	3.8
J. Lilla	4.0
C. Augusteen	3.8
C. Linzmaier	3.8
J. Weinfurter	3.8
Mrs. Henick	3.6
N. Bair	3.7
S. Nyjmrick	4.2
Mrs. Kollar	3.5
L. Smazel	3.2
J. Smazel	3.3
M. Smazel	3.1
J. Cizek	3.5
J. Fresh	3.7
M. Kollar	3.2
J. Altman	4.3

April 21, 1905. Creamery at Larsen.
Manager, F. L. Tipler, Larson.

	% butter fat.
Ottis Olsen	3.8
Nels Halverson	3.3
Henry Larsen	3.2
Chas. Lee	3.2
P. W. Johnson	3.3
Albert Raehl	3.2
John Lempke	3.2
D. B. Olson	3.7
Tom Knutson	4.0
John Andersen	3.7
Halvor Lee	3.2
Harry Hough	3.5
Helmet Raehl	3.9
Geo. Miller	3.5
Gunder Larsen	5.2
Andrew Nelson	3.1
Bert Rogers	4.1
Wm. Thompson	3.0

April 25, 1905. Creamery at Newark,
Rock county. Manager, E. H. Skinner,
Beloit.

	% butter fat.
E. J. Starr	4.2
F. Stokes	4.2
L. Stokes	3.5
J. E. Waller	3.4
J. Sveom	3.7
J. Cousin	3.9
S. Olson	3.3
J. Bartlett	4.1
Cox & Mathews	4.5
M. Olson	3.5
E. Day	3.8
G. Stokes	3.6
G. Hendricksen	3.6
J. T. Patyquin	4.0
Crave & Neilhead	3.4
J. Cox	3.8
N. Haas	3.9
A. Anderson	4.0
A. Weberg	3.5
T. A. Carroll	3.8
O. Fjelstad	3.5
I. Bryce	3.1
W. Olson	4.0
J. W. Thomas	3.8
Mrs. Irish	3.7
F. Clark	3.9
A. H. Anderson	3.7
M. Swalm	3.6
E. A. Barr	4.1

	% butter fat.
W. Naugle	4.0
J. Henry	3.7
J. W. Mott	3.7
F. Olson	4.0
Jas. Cox	4.4
F. Marlet	3.9
C. C. Clark	4.5
Mrs. Olson	4.1
J. Roy	3.8
G. Merlet	4.1
W. Moore	3.6
J. Naugle	3.3
L. Bright	3.8
E. S. Merlet	3.4
Mrs. Eicher	4.2
C. A. Thomas	4.1
Mrs. Cox	3.3
O. Hanson	3.7
E. Taylor	4.2
W. Buckwald	3.9
F. C. Davis	3.7
B. Smith	3.6
H. Gilbert	3.8
W. Grimes	3.5
C. Bern	3.6
J. W. Burtis	2.6
L. W. Burtis	3.1
G. K. Restigen	3.9
R. Cox	3.4
C. Gardiner	3.6
J. Cormer	3.0
Mrs. T. Kelley	4.1
W. Beals	4.1
A. Gardiner	3.7
A. St. John	2.8
A. Dean	3.3
J. Ross	4.7
J. K. Naugle	3.3
L. J. Leaver	3.2
E. Stussle	3.6
W. L. Whitehead	4.2
N. Stengrinson	3.7
Mrs. D. Naugle	3.2

April 25, 1905. Creamery at Deer-
field. Manager, H. Quammen.

	% butter fat.
G. Dahl	3.3
G. Twesme	3.8
H. Quammen	3.8
N. Larsen	3.4
A. Shanck	4.2
J. Simonson	3.2
John Redman	3.4
T. Storlee	3.4
A. Christianson	3.8
C. O. Johnson	3.5
H. Johnson	3.3
P. G. Grinde	3.6
N. A. Lee	3.4
M. Severson	3.9
M. O. Hoel	3.5
C. Brictson	3.0
A. Legveld	3.8
Wm. Zeckzer	3.3
A. Brictson	3.3
M. Mickelson	3.1
N. Risland	3.6
E. Stenehem	3.4
F. L. Engelstad	3.4
H. L. Rothe	3.1
M. J. Berge	3.3
E. Grautlien	3.6
H. O. Gangstad	3.3

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	% butter	fat.
I. O. Brietson	3.2	
O. L. Bable	3.4	
N. E. Williams	3.6	
N. G. Nelson	3.7	
H. Birkrem	3.1	
B. Christianson	3.7	
N. Anderson	3.3	
J. Wedvik	3.8	
A. J. Christianson	3.6	
J. Fladen	3.8	

	% butter	fat.
J. Truesdall	4.1	
C. Kettlehorn	4.1	
F. Cummings	3.9	
G. Cleland	3.9	
H. E. Gates	4.6	
R. Rotti	3.4	
C. Allin	3.7	
A. Uehls	3.4	
M. L. Warner	3.2	

April 27, 1905. Creamery located at Porters, Manager, M. C. Uheling, Shoplere.

	% butter	fat.
G. W. Porter	4.1	
W. Freitag	3.4	
G. F. Bumsted	3.9	
E. C. Reigert	4.1	
C. Johnson	3.3	
C. Koepke	3.4	
S. Warner	3.3	
H. F. Gates	3.7	
I. L. Bates	3.6	
J. B. Walker	3.5	
R. Miner	3.6	
S. Marsten	3.7	
L. Hahn	3.5	
A. M. Porter	3.7	
A. E. Weirick	3.6	
C. Hahn	3.9	
F. Hahn	3.4	
W. Gates	4.7	
C. S. Babcock	4.0	
J. Chant	3.6	
M. Griel	2.6	
F. Korsorve	3.6	
W. H. Jack	3.7	
H. McCabe	4.1	
G. H. Crosby	3.7	
J. Everson	3.8	
G. Maxworthy	4.0	
G. Moore	3.2	
L. E. Radway	3.6	
Cream.		
E. C. Wilkins	26.25	

April 27, 1905. Creamery located at Shoplere. Manager, M. C. Uheling & Co., Shoplere.

	% butter	fat.
C. Shimeall	4.5	
A. Seubert	3.4	
E. Jeoroliman	3.5	
C. Zick	3.4	
W. Hahn	3.5	
E. J. Dole	4.2	
A. Clark	3.7	
J. Brand	3.6	
W. Swingle	3.6	
A. Andre	3.0	
R. Buss	3.2	
W. Krebs	3.7	
C. R. Porter	3.2	
G. Fonda	4.1	
A. Frank	3.5	
C. Klingbell	3.4	
R. Betts	4.3	
S. Sweet	4.0	
J. Case	4.7	
M. M. Wheeler	4.3	
A. Mundt	3.7	

April 28, 1905. Creamery at Footville. Manager, E. S. Parmley, Footville.

	% butter	fat.
M. Malcaheny	3.6	
P. Connley	3.8	
M. Keiff	3.9	
J. Skelly	3.0	
Mrs. Beach	3.8	
J. Willing	4.4	
E. Ballis	4.0	
B. Gooch	3.5	
T. Neland	3.6	
J. C. Silverthorn	4.2	
D. Connel	3.9	
P. Noonan	3.6	
F. Fitzgerald	3.6	
F. Kanna	3.6	
W. Corbin	3.1	
C. L. Richards	4.7	
J. Dreyfall	3.4	
W. Busch	4.1	
F. Rossiter	2.8	
A. Borchard	3.6	
H. Quade	3.7	
W. Honeysett	4.3	
T. Herron	4.2	
J. Plunkett	3.8	
Mrs. H. Richards	4.4	
S. Murr	4.3	
J. Johnson	3.3	
H. Stevens	4.0	
F. Dann	4.5	
T. Montjoy	3.8	
J. Maibe	3.7	
J. Fox	3.8	
M. Kennedy	3.4	
J. Rall	3.5	
J. Gerber	4.0	
P. Willing	4.0	
T. Conlin	3.9	
A. Brandenburg	3.8	
R. Barrett	3.7	
A. L. Gooch	4.4	
A. J. Snyder	4.0	

April 29, 1905. Creamery at Spring Valley. Manager, E. Parmley, Footville.

	% butter	fat.
J. W. Fuller	3.3	
S. K. Liston	4.0	
W. Harper	3.4	
W. T. Wood	4.4	
T. T. Harper	3.5	
W. Letts	4.4	
W. Mane	3.5	
M. J. Harper	3.9	
E. Thompson	3.7	
H. Heath	2.7	
A. Lang	3.4	
L. Tumkhill	3.6	

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	% butter fat.
O. Hageman	3.6
W. Wells	3.7
T. Film	3.8
O. M. Tolleffrud	4.2
C. Wells	3.5
A. Tolleffson	3.4
A. Bahling	3.2
J. Dooley	3.8
F. Hageman	3.5
J. Goff	3.3
J. Gibson	5.4
S. Flaherty	3.7
Mrs. S. Beach	4.6
L. Tolleffson	2.3
O. Grangard	3.9
W. Quin	4.8
T. Trunkel	3.5
C. Gimpler	3.4
S. Schlul	3.6
E. Clark	3.8
Buttermilk	.37
Skim milk	.04

May 3, 1905. Creamery at Fall River.
Manager, John Hanson, Fall River.

	% butter fat.
F. Aldrich	3.6
W. C. Brever	2.5
M. Battie	3.7
J. Boldt	3.6
M. Brace	3.8
M. Brown	3.8
A. O'Brien	4.1
J. Crossman	3.1
H. Cook	3.4
J. Dunn	3.6
Chas. Dunning	4.1
C. Dean	3.2
J. Daglow	3.7
R. D. Evans	4.1
F. Oehlart	3.9
J. Frederick	3.7
J. Foster	4.0
F. C. Foster	3.2
C. Field	4.3
G. Field	3.9
W. Fisk	3.6
A. Freak	3.4
L. Fadness	3.4
P. Hurd	3.9
R. A. Huggett	3.7
H. Huggett	3.1
H. H. Huggett	3.8
D. Huggett	3.4
M. C. Hobert	4.5
F. Kanzenback	3.6
W. Kruske	3.5
A. Lizeman	3.5
W. Loomis	3.7
W. Lees	3.4
G. Lang	3.8
W. Lenze	2.8
J. O. Laird	3.6
E. Moody	3.5
C. Mann	4.0
W. D. Norton	2.9
J. Neansom	3.8
J. Patrick	3.4
C. Scholtz	3.5
A. Schimmelpfing	3.6
T. Stout	3.5
J. Sworthout	3.6
E. C. Sell	3.6
C. Taylor	5.4

	% butter fat.
T. Tomey	3.7
F. Wrede	3.7
W. Waterworth	3.4
F. Wittune	3.2

May 31, 1905. Creamery at Pleasant View, 10 miles west of Darlington.
Manager, E. C. Dodge, Lake Mills.

	% butter fat.
A. Beoumont	3.6
B. Gallagan	3.2
J. Stofen	3.4
C. Rasqua	3.4
C. Aust	3.5
L. Teasdale	3.7
P. Ohbrook	3.4
B. Wedig	3.4
J. Morgan	3.9
J. Gallagan	3.9
J. Hoppenson	3.5
A. Stafer (cream)	35 1/2
S. Vickers	3.4
P. Belkan	3.5
G. Rasqua	3.2
C. Feathers	3.3
J. Teasdale	3.7
S. Teasdale	3.5
G. Huntington	3.9
J. Clayton	3.3
A. Belken	3.6
G. Moody	3.6
J. B. Parsons	3.7
C. Nichols	3.6
H. Lee	3.5
J. Lee	3.5
W. Martin	3.7
T. Vickers	3.5
H. Feiga	3.8
R. Moody	3.5
D. Helms	2.7
M. Hastlip	2.8

May 3, 1905. Creamery at Bloomer.
Manager, W. Larson, Bloomer.

	% butter fat.
H. Weirs	3.3
F. Koch	3.6
C. Grovender	3.8
A. Rasmus	3.5
H. Meyers	3.7
M. Wilson	3.7
I. Lund	3.5
A. Ferg	3.6
T. Paine	3.0
T. Zwiefelhofer	3.8
A. Kressin	4.1
M. Nass	3.9
C. Wenzig	4.1
W. Vandervort	4.1
I. Maloney	3.8
I. Amundson	4.0
Dr. Coddington	3.8
A. J. Mohr	3.2
P. Zwiefelhofer	3.1
S. Buchle	3.4
E. M. Emmerton	3.8
J. Johnson	3.4
G. Sleeter	3.4
O. Cristman	3.5
J. Michel	3.3
H. Anderson	3.3
N. Rasmus	4.5

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	¾ butter fat.		¾ butter fat.
L. Wenzl	3.6	D. Stewart	3.7
H. Albright	3.4	Mrs. T. Postel	3.6
L. Berg	3.6	H. Boetcher	4.1
T. Woodard	4.2	E. Heiss	4.3
P. Brimstead	3.7	F. Goettel	3.4
C. L. Andreason	3.9	Gosselon	3.5
O. Isaacson	3.7	H. Button	3.3
M. Mullen	3.6	A. Basset	3.5
J. Smith	4.1	A. Pril	3.7
H. D. Miller	3.5	J. Ziegitt	3.3
G. Finsted	3.7	A. Steelhammer	3.6
H. Dietz	4.0	W. Woodard	4.0
S. Nelson	3.7	F. Schuster	3.6
J. Rourick	4.0	M. Servenier	3.3
J. Meyer	3.8	C. T. Ruff	3.5
F. Nebell	3.4	W. Berdholtz	4.2
F. Cresson	3.4	J. Fashbubaur	4.3
L. Wolf	3.6	J. Mikkish	4.0
J. Crisman	4.3	M. Youkish	3.3
N. Berg	3.5	J. Gehring	3.6
C. Hossmer	4.0	Mr. Pagenkoff	4.0
A. Hansen	3.7	M. Devor	3.4
O. Rasmus	3.4	M. Fashinbaur	3.6
S. A. Chapman	3.6	J. Snider	3.8
L. Sokop	3.0	Mrs. Anort	3.4
Martin & Co.	3.5	C. Atwood	3.9
F. Crisman	4.4	H. Pagenkogg	3.9
J. Schwab	3.8	A. Christianson	3.6
E. J. Nasit	3.9	J. March	4.0
M. Berg	3.7	J. Rada	3.9
F. Klund	3.9	N. Mikkish	3.8
H. Ludwink	3.2	Wentleuk	3.6
J. Zwiefelhofter	4.1	F. Marek	4.2
T. Block	3.7	M. Marquett	3.7
J. Berg	3.6	A. Rihm	4.3
J. Ulander	3.9	Bitney & Safford	4.0
J. Schneider	3.1	P. M. Safford	3.9
J. Hobbly	3.9	L. Berg	3.6
J. Boose	3.3	N. Amundson	3.7
T. Thomas	3.4	Skim milk	.01
J. B. Kubba	3.8	Buttermilk	.05
O. Bekken	3.3		
A. Smithana	3.8		
Helen Hansen	3.3		
C. Albright	3.4		
J. Barmel	3.5		
J. Usban	2.8		
J. Brodden	3.6		
M. Ficton	3.4		
A. Horn	3.5		
W. Berg	3.7		
H. Johnson	4.1		
O. Hutchinson	3.7		
L. Boughton	3.4		
A. Hinkl	3.3		
H. Berg	3.5		
J. Martin	3.4		
L. Krinz	3.2		
E. Caron	3.7		
W. Hassmer	3.6		
H. Schwab	4.2		
M. Bitney	4.0		
W. Hass	3.4		
J. Erickson	3.6		
J. Hassmer	3.5		
W. Leek	3.1		
W. Postal	3.2		
C. Schnov	4.0		
J. Schmittina	4.3		
W. Hobbly	3.8		
C. Bleschetchel	4.0		
G. Myers	4.0		
A. Wotkey	3.7		
B. Kennedy	3.9		
C. Low	4.1		
T. Joyl			

	¾ butter fat.
Cream Samples for Month of April.	
C. Larson	27
L. Bitney	23½
G. Galoway	23
B. Kaiser	28½
C. Compau	19
C. Vaux	32
E. Otoo	26
F. Vavor	28½
Aldenber	27
L. Vandevort	23½
A. Beshel	33½
G. Berg	26
T. Ruffedt	23
B. Kramschuster	26
J. B. Kramschuster	26
Hughes	37½
N. Elias	28½
E. Ruffet	27
E. Eddy	30½

May 10, 1905. Creamery at Duck Creek, Brown county. Manager, A. Hansan, Green Bay, R. F. D. 9.

	¾ butter fat.
M. Lemere	3.6
L. Renhard	3.8
F. Pamperien	3.0
L. Ulmer	3.8

	% butter fat		% butter fat.
F. Deviley	3.8	S. Harbinske	3.7
Mrs. Cloblots	3.1	V. Vanhorne	3.6
J. Ulmer	3.9	J. Renier	4.3
F. Renhard	3.9	C. Watters	3.7
P. Herber	3.8	P. Vervoren	4.0
E. H. Pelegrain	3.9	W. Vanderfern	4.0
A. Zawaski	3.3	H. Burckle	3.8
J. Studner	3.8	J. Blienzer	3.9
J. Le Bell	3.7	Vanderlin	4.0
F. Herring	4.1	P. Gotz	4.2
J. Pelegrain	3.7	E. Calwartz	3.9
J. Leevis	4.3	E. Williquette	3.8
J. Monette	3.5	J. Strike	3.5
O. Monette	3.9	H. Beltshure	3.9
J. Cumps	3.9	J. Lancaster	3.3
J. Schenk	4.2	P. Strike	4.1
E. Crabbe	4.2	L. Wilson	3.3
A. Hussin	3.4	N. Gritzke	4.0
M. Miller	3.8	R. Lahey	3.3
P. Vanbever	3.6	W. Swartz	4.0
H. Borchers	3.9	O. Pagle	3.6
J. Hussin	4.0	P. Tonnow	4.0
D. J. Williquet	3.7	P. Strichenbock	3.2
M. Burdin	3.8	A. Brockhauser	3.1
F. Cumps	3.9	P. Vanderlin	4.8
M. Silschelder	4.0	W. Vanhorn	3.4
W. Tilly	4.0	J. Vanderpern	3.9
A. Studner	3.5	F. Coppers	4.1
H. Geise	3.4	J. Wolfgang	3.2
P. Tonnon	3.6	G. Wilson	3.8
D. Williquet	4.1	W. Rabadaw	3.9
Anderson	3.1	A. Duchateaw	4.0
Detrich	3.8	E. Lemoind	3.8
F. Tilly	4.1	L. Radley	3.7
C. Mead	3.8	A. Gilles	3.7
P. Devroy	3.2	H. Calwartz	3.6
H. Brockhauser	3.6	C. Gels	3.7
C. Bender	3.2	P. Gegere	4.3
W. Calwartz	3.7	F. Walters	3.7
Williams	3.7	C. Bender	3.3
P. Poels	4.1	F. Bredell	3.2
J. Chamber	3.7	L. Mertz	3.6
G. Hussin	3.9	C. Abesher	3.5
M. Deshonen	4.0	Dickinson	3.7
D. Davidson	3.8	R. Sorenson	3.5
D. Vanestopple	3.7	A. Vanderfern	3.9
G. Cobr	4.2	O. Tonnon	3.8
J. Peter	4.3	J. Cimbalr	3.4
J. Leivis	4.0	V. Baslin	4.5
H. Demeshell	4.7		
E. Boyden	3.9		
C. Ingles	3.7		
J. Mertz	3.5		
C. Luedke	3.7		
P. Crefter	4.1		
L. Cumps	3.7		
W. Herring	3.7		
S. Brown	3.6		
R. Monroe	3.9		
F. Williquette	4.1		
A. Poels	3.8		
C. Bolsons	3.5		
C. Ames	4.1		
L. Barlemans	4.0		
E. Lewles	4.0		
F. Poels	4.3		
J. Alhey	4.2		
H. Calwartz	3.5		
V. Lehey	4.3		
J. Cinclair	3.3		
B. Williams	4.3		
A. Rabadaw	3.8		
C. Giese	3.5		
F. Schempeau	4.7		
P. Watters	3.8		
W. Wilson	4.2		

May 10, 1905. Creamery at Ixonia.	
Manager, John P. Roberts, Ixonia.	
	% butter fat.
C. Ratzlaff	4.1
H. McCall	3.9
E. Davis	3.4
L. D. Lewis	3.3
R. P. Lewis	3.7
E. C. Evans	3.8
Mrs. Owens	3.6
E. Reese	4.2
J. Kuster	3.2
D. McCall	4.0
S. Jones	4.0
Wm. Hoeft	4.1
E. E. Humphrey	4.2
L. Lewis	3.9
D. Davis	3.1
F. Strache	3.9
C. Degner	4.5
T. Lewis	3.5
O. H. Roberts	4.2
E. G. Humphrey	3.7
H. Evans	3.5

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	% butter fat.
E. Humphrey	3.7
Wm. Lewis	3.6
Wm. Samuels	3.4
T. W. Jones	4.2
J. Gibson	3.7
J. Kuster, Jr.	3.9
H. Pugh	3.8
Wm. Humphrey	4.0
R. Prichard	4.0
Ed Edwards	3.8
Otto Oestreich	3.7
D. E. Davis	3.8

	% butter fat.
Herman Boothe	3.6
Jacob Kline	5.1
Bates Bros.	3.8
Chas. Loefer	3.8
Albert Yerke	3.7
Edw. Pardaker	3.9
Chas. Hardaker	4.0
Paul Swartz	5.0
A. Schrader	3.9
Fred Brinkman	4.0
Fred Lirde	3.7
Chas. Lenhard	3.8
F. W. Hookstead	3.9
Fred Hookstead	3.9

May 12, 1905. Creamery at Magnolia.
Manager, Anton Cole, Evansville, R. D.

	% butter fat.
J. Grady	3.4
R. Fraser	3.5
F. Binger	3.6
Mrs. W. Murray	2.7
J. Needham	3.4
G. Butcher	3.6
W. Finnane	4.0
H. Horan	3.4
T. Drew	4.3
Mrs. W. Huyke	4.4
Austin & Natz	3.9
S. Jamison	3.3
E. G. Setzer	3.9
Austin & Bishop	3.0
E. B. Worthing	5.4
P. Ryan	3.8
A. Woodstock	4.1
H. Hanson	4.5
B. F. Mapes	4.0
F. Woodstock	4.4
C. Lewsow	3.7
C. Washe	3.4
T. Finnaran	3.2
H. Harnack	3.7
G. Meyer	4.0
C. Roberts	2.6
H. Lee	4.7
G. Finnaran	3.2
D. Acheson	4.3
E. Daley	3.2
Mrs. M. Murray	4.2
P. Sorenson	3.4
G. Lewsow	3.8
F. W. Man	3.7
W. Banin	4.0
J. S. Needham	3.4
J. R. Gorey	3.1
T. Meeley	3.6
J. Barringer	5.0
J. Ryan	3.4

May 12, 1905. Creamery at Mukwonago.
Manager, S. Harrison, Waukesha, R. D.

	% butter fat.
Wm. Haase	3.7
Hardy & Sellars	3.5
Sam. Waterman	4.2
Otto Hembrooke	4.0
Herman Matters	3.9
Alfred Stewart	3.9
Gns. Sheffel	4.3
Wm. Farby	5.0
Sol. Platner	3.7

May 12, 1905. Creamery at Genesee.
Manager, S. Harrison, Waukesha, R. D.

	% butter fat.
Geo. Farnham	4.5
G. C. Weston	4.0
C. Price	3.7
Goodwin Bros.	3.6
H. Schumacher	5.8
E. J. Nelson	3.5
J. A. Jones	3.3
Mrs. A. Martin	3.8
C. Kohlhass	4.0
W. Flood	4.5
H. Dable	4.0
L. Stickles	4.0
J. Vick	4.2
O. Peters	3.8
M. Hoefl	4.1
H. Rupp	3.6
A. Waterman	3.8
J. Martin	4.3
C. C. Provencher	4.1
W. Reisner	3.8
J. Muerer	3.7
W. Russell	3.5
J. Butler	3.9

May 12, 1905. Creamery at Salesville.
Manager, S. Harrison, Waukesha, R. D., No. 1.

	% butter fat.
C. Dodge	4.0
A. Smart	4.3
J. More	4.0
J. Bigeman	4.3
O. Moldenbaker	3.9
W. Schmoker	3.9
G. Gudenyon	3.8
G. Becker	3.2
E. Klug	3.7
W. E. Brown	4.6
W. Congdon	3.8
C. Callias	4.2
W. Luedtke	3.5
G. Gierke	4.3
W. Frank	4.8
H. Robins	4.6
S. Martin	4.4
M. McFarland	4.2
J. Nelson	3.7
C. Luedtke	4.0
B. Smith	4.7
F. Meyer	4.4
Skim milk	.04
Buttermilk	.5

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May 13, 1905. Creamery at Oak Hall.
 Manager, H. A. Stone, Oregon, R. D.

	fat.
R. C. Jones	3.7
J. Finn	3.6
J. B. McManus	4.2
T. H. Bentley	3.8
S. Pierce	3.9
P. Barry	4.0
H. Larson	3.9
J. Skelley	4.0
E. J. Kinney	4.2
L. A. Tussler	4.0
W. T. Kelley	3.5
C. Black	4.3
C. A. Palmer	4.5
J. Flannigan	3.9
C. J. Coggins	4.4
A. Gorman	4.3
Usher & Gilbert	4.1
H. McWatty	4.9
J. Leyden	4.1
J. Crapp	3.8
Lacey Bros.	4.2
F. Mutchler	4.1
J. Whelan	3.8
John Whelan	3.9
Pat Barry	3.9
B. Jones	3.8
H. Sorenson	3.8
M. Hobbs	3.8
W. W. Clapp	4.1
L. Black	4.4
D. Hobbs	4.0
T. P. Burke	4.0
W. J. Burns	3.7
M. Maagher	4.1
H. Mamion	4.0
M. Caine	4.0
F. Sholts	3.8
J. Sholts	...
H. Walsh	4.1
M. Kivlin	3.8
G. O'Neil	4.2
W. Larson	4.0
P. H. Purcell	3.6
W. M. Bates	4.4
G. Barry	4.0
J. Broadland	4.4
J. Gallagher	4.0
H. A. Stone	4.0
Stone & Gallagher	3.6
Rice & Bennett	4.6
R. C. Tipple	3.8
F. Garry	4.0
J. Doyle	3.8
C. Dreyer	4.3
J. Hack	4.1
E. Palmer	3.4
W. Batker	4.6
J. Sweeney	3.8
C. Cross	4.6
F. Barry	4.5
L. S. Adams	3.0
M. Whelan	3.6
J. Fahey	3.8
F. McCalister	4.8
J. Corry	3.9
J. Williams	3.7
O. Clapp	3.9
R. Keenan	3.8
J. Sorenson	3.7
A. McWatty	3.6
Fox & Henderson	4.0
Black & Short	4.3
Byrnes & Ace	3.6
J. O. Whalen	3.7

	% butter	fat.
P. C. Herrick	...	4.5
M. L. Nelson	...	3.9
E. Lamey	...	3.6
J. Kerwin	...	3.9
W. Clapp	...	3.7
Mrs. M. Byrnes	...	3.4
H. Nelson	...	3.4
Mrs. A. Sweeney	...	3.4
W. S. Gou'd	...	3.7
Fitzgerald & McGowan	...	4.3
W. Williamson	...	3.9
C. Weise	...	3.5

May 19, 1905. Creamery at Wittenberg.
 Manager, K. A. Henricks, Wittenberg.

	% butter	fat.
A. Englebretz	...	3.9
J. R. Cowles	...	4.0
T. Lysne	...	3.6
H. Schaar	...	3.8
C. C. Peterson
A. Gunderson	...	3.6
A. Melike	...	3.5
F. Hubbell
A. Zeltow	...	4.1
P. Matheson	...	3.9
G. Paulson	...	3.9
Wm. Nueske	...	4.0
F. Rhodes	...	4.2

Cream.

A. Fleming	42
H. Jensen	35 1/2
Bethany Indian Mission	25
Jacob Gunderson	24
H. Overlin	28
S. Torgerson	26 1/2
W. Dickman	25
W. W. Long	18
J. Kloodahl	32 1/2
C. Panko	25
T. Westgor	29
H. M. Gunderson	20
O. Nelson	30
O. B. Hagen	24
L. Johnson	22
J. Anderson	28
A. J. Peterson	40
S. F. Danielson	25
W. Long	24
S. Anderson	20
F. Wolf	31
C. Smith	31
R. S. Harvey	39 1/2
F. Nierke	39
W. Dallum	25
Mrs. Erickson	31 1/2
S. Carlson	32
D. W. Vandoren	38 1/2
C. Aggin	30
F. M. Devand	29
H. W. Miller	41 1/2
E. Norbum	29
E. Kimball	34 1/2
W. Roecker	29 1/2
J. M. Olson	23 1/2
C. Foth	49
W. Beaker	43

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May 22, 1905. Creamery at Cottage Inn. Manager, Fred J. Horn, Belmont.

	% butter fat.
Will Martin	3.1
Joe Martin	3.4
Geo. Somberger	3.1
Hardy Bros.	3.3
Mat Fisher	3.1
Dan Steele	3.6

May 23, 1905. Creamery at Belmont. Manager, W. Weittenheller, Belmont.

	% butter fat.
J. Voiltz	3.5
B. Ruskell	3.6
C. Schultz	3.6
H. Schultz	3.7
P. Speth	3.8
H. Master	3.4
C. Cortz	3.4
J. Mulligan	3.4

May 23, 1905. Creamery three and one-half miles west of Marlon. Manager, Mossholder Bros., Marlon, R. D.

	% butter fat.
W. P. Nichols	3.8
W. Hangastner	3.8
J. Hangastner	3.4
W. Krueger	3.7
W. Lutzewitz	3.6
A. Arndt	3.6
F. Krueger	3.6
H. Bowers	3.8
J. Marquardt	3.6
J. F. Deahl	3.9
F. Pockat	3.7
J. Schrader	3.7
W. Timm	3.8
A. Grinstein	3.8
H. Storm	4.1
P. Genshow	4.0
A. W. Schmidt	3.9
F. Kull	4.3
A. Luedtke	3.6
W. Schoenrock	3.5
Mrs. Schulz	3.4
A. Verg	3.7
A. Brockhous	3.6
F. Arndt	3.4
W. Lempke	3.8
H. Bresslar	3.7
J. Dick	3.6
F. Luedtke	3.5
E. Apel	3.9
J. Genshow	3.5
L. Herzberg	3.8
H. Grinstern	4.4
R. Strassburg	3.4
A. Kussmann	3.8
A. Krohn	3.9
C. Schwade	3.9
Frank Arndt	3.8
A. Blank	3.8

May 24, 1905. Creamery at Cuba City. Manager, R. B. Lucky, Cuba City.

	% butter fat.
H. Winn	3.6
Joe Busson	3.8
H. Busson	3.4

	% butter fat.
B. Clemonts	3.5
W. Tempa	3.3
J. Bowden	3.6
R. Thomas	3.4
H. Schneider	3.4
L. Jackson	3.2
Joe Stoekel	4.0
J. Horsley	3.0
D. S. Graham	3.4
R. Nicholas	3.3
Chris. Clemonts	3.1
Mrs. J. Kittoe	3.3
H. Willey	3.3
Geo. Carr	2.8
E. D. Jacovi	3.3
Geo. Vasberg	4.0
J. Bray	3.0
Tom Edwards	3.1
Frank Brewer	3.5
Cort Clemonts	3.0
Geo. Bray	2.2
J. F. Carr	3.9

May 26, 1905. Creamery at Hazel Green. Manager, Jack Birkett, Hazel Green.

	% butter fat.
R. J. Bryant	3.2
M. McGuire	3.2
M. Feehan	3.0
H. Schnorenberg	3.4
Peter Miller	3.6
Luke Harvey	3.4
John A. Birkett	3.2
F. Trewartha	4.4
R. Schilliam	3.6
R. Scadden	3.5
Chas. Schilliam	3.4
H. Oldenberg	2.9
M. Rodda	3.6
L. Haase	3.7
Joe Lolwing	3.2
J. P. Byrne	3.6
Thos. Johns	3.8
A. Jackson	3.6
R. Trewartha	3.8
Wm. Trewartha	3.3
Jack Birkett	4.2
Wm. Scadden	3.6
A. H. Hendricks	3.2
V. Bergwin	3.4
M. Hendricks	3.2
H. B. Straw	3.0
James Harvey	2.5
Sam Miller	3.0
Joe Egelhof	3.1
John Gray	2.7
A. Rogers	3.5
T. J. Day	3.1
Peter Hodocker	3.3
L. Furlong	3.1
C. Hodocker	3.2
Sam Hocking	3.2
John Kuhn	3.4
J. Smithrein	3.2
Jas. Birkett	3.2
F. Hess	3.3
H. Lolwing	3.5
N. A. Bausman	2.8
Jas. Walsh	3.3
H. Lelfker	3.1
R. Shultz	3.3
W. Pearce	3.3
R. H. Andrew	3.9

	% butter	fat.
Joe Pearl	3.2	
Joe Hendricks	3.5	
Mrs. Rosmeyer	3.3	
C. Patterson	2.6	
Thos. Lowery	3.1	
W. H. Simmons	3.3	
Ed Scadden	3.3	

May 26, 1905. Creamery at Aurora-ville. Managers, High Bros.

	% butter	fat.
	No. 1.	No. 2.
E. G. Kitts	3.8	3.7
W. Thomas	3.6	
F. L. Williams	3.6	3.5
J. D. Bahr	3.8	3.6
F. Bromson	3.8	4.0
W. Hall	3.6	3.5
W. Dunlap	3.6	3.7
E. G. Walker	3.2	3.2
M. S. Bowen	3.5	3.3
E. M. Jones	3.7	3.7
C. Gherkie	3.3	3.0
O. Austroct	3.6	3.6
G. Pigorsch	4.0	4.0
C. Dunham	3.6	3.9
J. N. Herrington	3.4	3.3
C. Timm	4.2	4.3
A. Mosher	3.9	3.7
C. C. Clark	3.3	3.4
C. Rodencil	3.4	3.7
W. H. Wells	4.5	4.1
A. Pigorsch	3.5	3.3
E. W. Bowen	3.1	3.3
G. Pigorsch	3.6	3.3
T. F. Clark	3.3	3.2
P. Thomas	3.7	3.6
A. E. Cate	4.0	4.3
W. C. Baldwin	3.1	3.4
M. S. Smith	3.9	3.9
W. E. Fuller	3.4	4.8
Mrs. Dallum	4.6	4.4

May 28, 1905. Creamery at Platteville. Manager, Fred Krog; Asst. Manager, R. C. Schultz, Platteville.

	% butter	fat.
Ben Neely	4.3	
Geo. W. Goke	3.6	
F. Klinger	3.4	
A. J. Miller	3.6	
C. Bellmeyer	3.4	
J. D. Hellmer	3.6	
John Quincy	3.7	
N. Steinbeck	3.9	
Mrs. Keyler	4.0	
M. Cartew	3.7	
H. Schuedewend	3.2	
F. Goke	3.2	
F. Huntington	2.9	
Geo. Carel	3.4	
M. F. Rewey	4.4	
Chas. M. Fox	3.7	
F. Cordes	3.6	
W. Carroll	3.5	
W. Richards	3.6	
Henry Pitts	3.4	
Sam Brunton	3.4	
James Gill	3.8	
John Glaesser	3.5	
Jacob Reiter	3.3	

May 29, 1905. Creamery at Leslie. Manager, Mr. Burris, Leslie.

	% butter	Sp. Gr.
Cream.		
Wm. Kuebel	35	
F. Steinhoff	21	18
H. Stubendick	23	
C. Roberts	27.5	
E. P. Loyd	32	
Louis Milton	25	
Thos. Potterrich	29	
Wm. Weigel	31	
L. Martin	30	

May 30, 1905. Creamery at Livingston. Manager, T. J. Matson, Livingston.

	% butter	fat.
J. Kolar	3.2	
B. Sakife	3.5	
J. Alton	3.4	
H. Millard	3.4	
D. Livingston	4.0	
R. N. Livingston	4.4	
C. Gundlach	4.2	
H. C. Giddick	3.4	
Grace Livingston	2.9	
Cream.		
T. J. Watson	29.5	
J. Mueller	34	
B. Bourett	36	
G. Thomas	22.5	
G. Mueller	42	
S. Bunker	37	
J. Hill	33	
G. Burkett	36.5	
A. W. Taylor	26.5	
J. Greenwald	32	
E. Jents	22	
F. Biddick	28	
F. Brosi	30.5	
G. W. Bickford	38	
H. A. Rundal	31	
L. H. Kemper	30	
H. Trankle	23	
W. Haver	27	
W. Rain	45	
J. Schnyder	34	
F. Anthony	27	
H. Livingston	30	
T. Dolphin	37	
J. C. Livingston	23	
H. E. Biddick	30	
H. Martins	26	
A. Iverson	26	

May 30, 1905. Creamery at Six Corners. Manager, D. Gray, Milton, R. D.

	% butter	fat.
A. Krueger	3.9	
W. Kennedy	3.5	
F. Bier	3.9	
H. Millard	3.9	
H. Arndt	3.6	
F. S. Summerbell	5.5	
O. Mullen	3.6	
J. Fetherston	4.1	
H. Tess	3.6	
J. McNailey	3.5	
G. Crandall	4.5	
I. Monogue	4.1	
E. Ringham	3.7	
G. Holmes	3.6	

	‡ butter fat.
R. R. Hughes	31.0
Joe Edge	25.0
John Schneider	22.0
Ed. Sunderland	23.0
Geo. Mathew	24.0
G. N. Knox	20.0
W. E. Gates	27.5
James McCabe	30.0
Jonathan Raisbeck	28.5
Fred Breese	19.0
J. A. Edge	21.0
Jas. Anderson	32.5
S. A. Hoffland	30.0
J. A. Dietzman	27.5
Fred Leighty	24.0
Thos. Dahl	22.5
O. D. Miller	22.0
R. J. Jones	25.0
Wm. Worley	19.0
Jud Brandt	27.0
Frank Pettit	22.0
Sam. Nelson	26.0
Hans Lee	30.0
W. E. Gillespie	25.0
Christ Johnson	20.0
Christ Waldman	25.5
W. M. Edge	22.0
Wm. Kraemer	26.5
John Linton	22.0
Theo. Fisher	25.0
Robert Mullen	31.5
Jos. Peacock	34.0
David P. Jones	31.0
Chas. Pollman	37.0
Geo. Wilkins	22.5
Louis Everson	24.0
Schneider & Bueninge	22.0
Gerald Field	28.0
Henry Bender	22.0
Fred Boebel	25.5
Thos. Hartly	23.5
John D. Bollard	31.0
Evert Bollard	25.0
Frank Collins	22.5

June 8, 1905. Creamery at Werley.
Manager, A. Ketterer, Werley.

	‡ butter fat.
C. Taylor	3.4
C. Keinzler	3.4
D. Farris	3.6
F. Pollman	3.3
W. Fry	3.4
J. W. Smith	3.6
C. J. Carmody	3.4
Mrs. Pollman	3.6
F. Weiser	3.2
C. Sandelback	3.5
L. Long	3.1
A. Ketterer	3.3
S. Wehrle	3.3
Mrs. Goodell	3.6
L. Stenner, Jr.	3.0
J. Steinforth	3.6
F. Steinforth	3.3
C. Hunter	3.4
L. Stenner, Sr.	3.3
M. Faith	3.3
W. D. Gribble	3.3
Reammeister Bros.	3.4
U. Adkins	3.6
L. Scott	3.8

	‡ butter fat.
W. Long	3.0
L. Miller	3.5
P. Quinn	3.0
H. Cull	3.3

Cream.

V. Nye	18.0
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June 12, 1905. Creamery at Corliss,
Racine Co.

	‡ butter fat.
P. Netsinger	3.8
P. Netsinger	4.5
P. Hanson	4.6
G. Nelson, Nelson's Hotel	3.6

June 13, 1905. Skim station at Mel-
lindy's Prairie. Manager, J. Puerer,
Jefferson.

	‡ butter fat.
R. Bogle	3.6
D. Craier	4.2
R. Charley	4.0
W. Pett	4.7
A. K. Stacey	5.2
F. Cramer	4.4
W. Reardon	3.9
E. Hooper	4.2
F. Vanrueden	3.3
A. W. Gates	4.1
R. H. Turner	3.9
W. Burton	4.0
H. Kitts	3.9
Stacey & Uglow	4.3
W. Wagl	4.1
W. Gilbert	3.5
G. Mann	4.1
G. Lean	3.6
H. Buch	3.7
R. Burton	4.1
Uglow & Co.	4.3
C. Hooper	3.8
W. H. Gilbert	4.0
Cooper & Rundel Bros.	3.5
F. M. Porter	3.6
Carlin & Emery	3.6
Cream	21.0
Skim milk	.04

June 13, 1905. Creamery at Palmy-
ra. Manag r. J. Puerer, Jefferson.
Composite samples, June 1st to June
13th:

	‡ butter fat.
C. Steffens	3.7
W. Holsinger	3.9
T. Hayes	3.8
E. Olson	3.8
C. Olson	3.6
W. Kehoe	3.6
B. Wapple	3.7
G. Hooper	3.2
A. Mills	3.4
W. Congdon	3.9
C. Buchs	3.8
A. Binger	3.5
R. McCarthy	4.7

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	§ butter fat.
A. Guldner	4.2
P. Antwiler	4.0
R. Brockway	3.5
S. Bowey	3.8
A. Arndt	3.6
A. Rieman	3.8
R. Jones	3.6
A. Congdon	3.8
Mrs. Coss	3.9
L. Colton	4.1
F. J. Johnson	3.3
J. Balsler	3.6
F. Hackett	3.9
W. Fabian	3.9
O. J. Oleson	3.6
F. Mason	3.9
J. Trewyan	4.1
Astin & Stegmanenn	4.4
E. H. Randle	4.5
J. Meldeen	5.6
H. Munger	5.6
W. Morris	4.9
A. Foote	3.9
W. Wolf	3.4
G. Brownell	4.6
W. Maarl	3.6
E. Cornell	3.5
C. Sommers	3.9
Mrs. Tutton	4.1
Mrs. V. Kincaid	3.7
H. Britt	3.6
E. J. Joliffe	4.0
W. Correy	4.0
C. Orchard	3.5
F. Mills	3.6
W. Melster	3.1
A. Wilson	4.0
L. Gehring	3.7
T. Marsh	3.6
W. Mede	3.5
F. Tutton	3.5
A. Helgt	3.4
E. Tachter	5.7

Cream.

R. A. McLevny	20¾
M. Kawalske	29½
F. French	28½
M. A. Hooper	29
Mrs. L. J. Corey	30
L. J. Hooper	27½

June 14 and 17, 1905. Creamery at Jonesville. Manager, James E. Kerbaugh, Oxford.

Sample, June 14th.

	§ butter fat.
W. L. Jones	3.7
H. Burgdorff	3.2
Jas. Mitchell	4.0
E. Huber	4.6
H. Kerbaugh	3.9
W. Dohlfert	3.5
J. Huber	4.4
A. W. Burgdorff	3.2
U. Wohlfeil	3.6
H. Bonnett	3.8
Jno. McNutt	3.4
A. F. Ingerham	3.6
D. McClyman	4.2
N. J. Pierson	3.9

	§ butter fat.
Wm. Bamber	4.1
E. McClyman	3.8
F. Zubeck	3.0
B. Sheady	3.6
C. Heacock	3.1
E. S. Foat	4.2
W. B. McClyman	3.7
F. Parks	3.9
W. Zinbeck	3.4
H. Zinbeck	4.6
D. Johnson	3.5
Mrs. Morvin	3.9
D. Adee	3.9
L. Johnson	4.4
D. Hunt	3.4

Sample, June 17th.

E. Huber	3.8
J. Huber	3.7

Cream.

Jos. McGinniss	34.0
W. Burgdorff	27.0
E. Reid	21.0
E. McMurtrie	26.0

June 15, 1905. Creamery at Oxford. Manager, F. A. Pierson, Oxford.

	§ butter fat.
R. Pike	3.6
H. Hill	3.6
Aug. Lippert	3.8
A. Hollander	3.8
D. Smith	3.6
J. M. Johnson	3.7
Geo. Dunn	3.3
L. Foote	3.8
J. Stone	4.3
C. Blythstone	3.7
L. M. Luce	3.2
J. Nesbitt	3.4
J. Smith, Jr.	3.6
H. E. McNutt	3.4
A. H. Hollander	3.8
R. Foote	3.4
H. Grant	3.3
F. Stalker	4.0
Jas. Roney	3.9
H. Allen	3.5
A. Weddie	3.8
Thos. Byers	4.2
F. McGowan	4.1
P. Peterson	3.5
B. Houslet	3.6
Geo. Keach	3.6
Chas. Gaffney	3.8
M. Purdy	4.4
H. Pike	2.9
A. Smith	3.9
Chas. Smith	3.6
A. Morgan	3.7
Hance Russell	3.5
S. Russell	2.8
Hugh Russell	3.4
Ed. Janke	4.0
Wm. Blackburn	3.6
Nat Nesbit	3.4
Wm. Nesbit	3.4
L. Janke	3.9
C. Card	3.8
John Byers	3.6
H. Pike	3.7

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June 16, 1905. Creamery at Oxford.
 Manager, F. A. Pierson, Oxford.

	% butter fat.
M. O'Brien	3.7
S. Drew	3.5
D. Byers	3.8
H. J. Still	3.4
Thos. O'Connor	3.4
John Smith, Sr.	3.8*
A. McNutt	3.2
Ed Grant	4.1
Jas. Sommerton	3.9
Mrs. Franklin	4.0
H. F. McNutt	3.2
Hance Russell	3.2
T. Hamilton	4.0
Jas. Russell	4.3
F. Bissell	4.9
L. Jahnke	3.2
H. Sorenson	3.6

Cream.

Ben Ingraham	26
I. DeMott	41
H. L. Mason	25.5
L. Keach	14
O. Sorenson	13
Mc. Williams	15
J. Miendorf	30
R. Nelson	25
S. Keach	20
Wm. Gourbitz	40

June 19, 1905. Creamery at Harrisville. Manager, S. A. Sharp, Harrisville.

	% butter fat.
Mrs. Thalacke	3.4
John Pofahl	3.8
L. Wishaar	3.9
Jul. Dee	3.8
John Lippert	3.8
Aug. Kanke	3.9
Wm. Lippert	4.0
Aug. Klepetke	4.1
Aug. Klawitter	3.8
Wm. Schonefelt	3.7
Richard Dee	3.7
Dan Wruck	3.8
Albert Thalacker	3.2
Ed. Thalacker	3.6
H. Larson	3.8
Fred Wincell	3.6
T. Middlestead	3.6
Herman Hallman	4.1

June 20, 1905. Creamery at Glendale. Manager, G. H. Robertson, Glendale.

	% butter fat.
E. F. Champlin	3.8
M. Dutton	3.9
A. Cafferty	4.3
A. D. Moore	4.1
J. L. Brainard	4.0
D. Campfield	3.7
A. Krause	4.4
H. A. Hamlin	4.3
G. H. Robertson	4.8
M. Lancaster	4.1
M. Warner	4.2
E. Minard	4.0

	% butter fat.
L. S. Baldwin	3.8
P. J. Riley	3.9
W. C. Kellar	4.5
F. Stoska	3.6
F. R. Burdin	3.0
D. C. Brainard	4.7
J. C. Jensen	4.5
G. McQueen	3.4

Cream Samples, June 17th-19th

O. Liepoldt	26
W. Collins	26 1/2
W. Sherwood	28 1/2
G. Champlin	24 1/2
A. L. Street	28
W. Gorham	28
C. Tompkins	24
Sheridan & Mauskie	33 1/2
A. Zierk	26
W. A. Wildes	24
C. Dutton	26 1/2
T. Murray	18 1/2
J. C. Dwyre	22 1/2
T. H. Oleson	26
I. J. Pollack	35 1/2
F. Duncan	18 1/2
W. Kreger	25

June 24, 1905. Creamery at Pitts-ville. Manager, S. N. Baum, Pitts-ville.

	% butter fat.
C. Runrow	3.7
M. A. Pinning	4.3
E. Peart	3.7
F. Nicholl	3.6
A. B. Cotty	4.5
J. Schiller	3.3
C. Dunning	4.3
G. Schalla	3.9
J. Sowatzke	4.0
J. H. Schlagel	3.8
J. Dawson	3.9
Mrs. G. Mundt	3.9
J. Udell	4.0
H. Boettcher	3.9
L. W. Noyes	4.4
F. Sowatzke	3.9
C. Schiller	4.3
E. Clack	3.4
W. Schalla	4.2
C. Robertson	3.7
D. Dupee	4.1
C. Hackbarth	4.4
G. W. Severcus	3.7
E. Koch	4.4
E. Troedson	3.4
C. A. Pinney	3.4
G. Lunde	4.3
F. Dupee	3.8

June 29, 1905. Creamery at Eagle-
 ton. Manager, C. Liehe, Bloomer, R. D.

	% butter fat.
W. Lueck	3.9
G. Clarey	3.5
A. Grahn	4.1
J. Rhengens	3.7
H. Pegenkopf	4.2
W. Blank	4.1

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	% butter fat.		% butter fat.
C. Liehe	3.9	J. Geenen	3.3
G. Rheingens	4.0	J. Conrad	3.4
H. Kramer	4.8	J. McCormick	3.7
G. Peizui	4.5	J. W. Garvey	3.7
A. Hunt	3.8	E. Murphy	3.3
G. Stickney	3.7	A. Ihde	3.0
F. Heidtki	4.4	J. Pingel	3.6
A. Boetka	3.8	E. Hughes	3.2
F. Peggenkopf	4.4	H. Geenen	3.6
H. McCann	3.8	R. Schiebe	4.0
L. Heidtki	3.8	B. Flanagan	3.8
L. Palenzki	4.0	M. Murphy	3.3
E. Turner	3.8	P. R. Anderson	3.6
A. Tripton	4.0	A. Rickert	3.3
L. Palenski	4.0	W. Geldernick	2.8
J. Barnier	4.1	J. Schroeder	2.8
J. Frautz	...	E. Geenen	3.0
E. Huth	3.7	P. J. Schuh	3.5
E. Heidtki	4.2	W. Garvey	3.5
		F. Wunrow	2.4
		H. Appleton	3.2
		Mrs. H. Hartman	3.5
		Mrs. T. McCormick	3.1
		B. Kunrow	3.5
		P. Green	...
		H. Wasmund	3.7
		P. McCormick	2.85

Cream.

H. Haas	36½
F. Peska	18½
J. Alex	21
R. Hunter	23½
W. Heathie	22
W. Chystral	33
G. Hennelman	39
F. Slink	23
O. Bistwaa	27
D. Heathie	21½
M. Mullen	24
J. Whiten	28
D. Fester	28
D. Hwings	25
Skim milk	.03
Buttermilk	.02

April 13, 1905. Creamery at Princeton. Manager, F. W. Zastrow, Princeton.

	% fat.	Sp. Gr.
Chas. Kahl	4.4	1.0315
H. Kehn	3.7	1.0305
C. Malk	5.4	1.033
Scholnetzke	3.2	1.029
F. Randt	3.8	1.0305
F. Zanto	3.2	1.031
W. Relke	3.4	1.030
S. Kallet	3.3	1.029
J. Schemeeb rger	3.6	1.029
A. Laboy	3.8	1.0295
S. Kohnke	3.2	1.0305
M. Mackawske	3.2	1.029
G. Sandberg	3.3	1.0315
F. Bronkawage	3.2	1.0275
A. Jahnkoske	3.2	1.029
W. Redman	3.2	1.030
F. Schultz	3.2	1.031
F. Debellous	3.5	1.031
P. Nelmer	3.5	1.031
R. H. Clark	3.2	1.030
A. Loshinske	3.4	1.031
A. Kohnke	3.7	1.030
W. Lobjoske	3.2	1.0295
S. Morse	4.0	1.030
L. Krause	3.0	1.032
S. Wosnock	3.3	1.031
J. Wosnock	3.2	1.032
H. Arndt	3.8	1.031
A. Dolke	3.2	1.030
H. Hoppa	3.2	1.031
W. Soda	3.0	1.031
Y. Olcheske	3.5	1.031
M. Ash	3.7	1.034
J. Kaatz	3.3	1.030
F. Verch	3.2	1.030
A. Verch	3.4	1.030
E. Hoffman	2.8	1.0295
F. Zelmer	3.4	1.031
M. Bedmarick	3.6	1.031
F. Puhl	3.2	1.032

June 30, 1905. Creamery three and one-half miles southwest of Stanley. Manager, A. P. Geiger, Stanley, R. D., No. 1.

	% butter fat.
J. Wellner, Jr.	3.7
W. Seidel	3.9
J. Wellner	3.9
J. Marian	3.6
T. Vesser	4.0
S. Koeppe	4.2
L. Schneider	3.7
J. Birsfeldt	4.1
J. Laner	3.8
B. Snath	3.9
J. Wellner, Sr.	4.1
M. Miderneger	3.6
J. Geiger	3.9
P. Bunsfield	3.9

May 24, 1905. Creamery ten miles northeast of Appleton, town of Freedom. Manager, J. W. Appleton, Appleton, R. D., No. 6.

	% fat.	Sp. Gr.
A. J. Plamann	3.5	...
W. Schroeder	3.5	...
F. Harm	3.8	...
A. Peters	3.7	...
B. A. Breitung	3.5	...
J. Rickert	3.2	...

April 20, 1905. Creamery at Minnesota Junction. Manager, H. J. Grell, Johnson Creek.

	% fat.	Sp. Gr.
Ert Schoeffel	3.7	1.030
Will Dreger	3.6	1.030
J. M. White	3.3	1.031
Furbmann	3.1	1.0295
A. W. Tetes	3.9	1.031
Fred Spatholtz	3.2	1.029
Fred Benneditz	3.2	1.029
Ed Zimmerman	4.2	1.030
O. Grunfeld	3.2	1.295
Gust Kuntz	3.3	1.031
Will Warden	3.9	1.030
Fred Knoll	3.5	1.030
Rupnow	3.3	1.031
Griznacher	4.8	1.030
Strehlow	4.4	1.030
Will Klemp	3.8	1.0305
Ed Rusch	3.5	1.031
Herrn Schroeder	3.4	1.030
Kerth	3.4	1.032
Chas. Goodrich	4.8	1.031
F. B. Swandz	3.2	1.030
Otto Nalin	3.6	1.0305
H. Strehlow	3.7	1.029
C. Toisman	3.7	1.0295
Gordan	4.1	1.028
W. Komer	3.6	1.030
Rutz	4.0	1.028
F. B. Grower	4.2	1.029
J. Kunta	3.7	1.031

June 16, 1905. Creamery at Cody's Corners. Manager, Jim Knudson, Spring Green.

	% fat.	Sp. Gr.
M. Burns	3.3	1.032
Stanly Maxwell	3.2	1.032
Nels Christenson	3.2	1.0325
M. Gorman	3.7	1.032
Ed. Cody	3.4	1.031
Ed Smith	3.8	1.0315
G. Hickocks	4.0	1.032
F. Dienberg	3.9	1.032
J. Knudson	3.5	1.0315
N. G. Nelson	3.9	1.0325
Geo. Smith	3.5	1.0315
J. Buol	3.6	1.0325
M. Johnson	3.6	1.0315
C. Rasmussen	3.6	1.031
C. Jorgeson	3.7	1.032
F. Tennet	3.8	1.032
E. Andreas	3.8	1.032
R. Jensen	3.7	1.031
C. Scholl	3.6	1.0325
I. Kinney	3.6	1.032
I. Hansen	3.4	1.0315
Mrs. Fredrickson	4.2	1.0315
O. Butler	4.0	1.031

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March 14, 1905. Lindina American Cheese Factory in country, Lindina township, section No. 15, Juneau Co., Wis. Manager, J. W. Cross, Mauston, Wis. R. D.

	% butter fat.
E. P. Vanduser	4.1
W. H. Hale	4.5
O. Larson	4.1
M. Sullivan	4.0
M. Seebacker	3.8
A. O. Robinson	3.2
G. G. Robinson	4.5
E. H. Robinson	4.0
F. A. Robinson	4.0
Frank Schmidt	3.0
C. C. Remington	4.0
A. A. Fuller	3.4
T. J. Chadwick	3.5
Fred Wick	3.4
R. D. Robinson	4.4
O. A. Babcock	3.0
D. E. Robinson	3.7
Frank Robinson	4.5
E. W. Hale	3.7
Frank Robinson	4.1
John Duffy	3.9
H. Wermuth	3.7

April 12, 1905. Gross Brick Cheese Factory in country, Alma township, Buffalo Co., Wis. Manager, Chas. Meyer, Alma, Wis., R. F. D. No. 2.

	% fat.	Sp. Gr.
M. Ruff	3.0	1.0315
C. F. Possow	3.9	1.029
Wm. Kuhn	3.6	1.031
Fred Gross	3.3	1.029
Chas. Dinger	3.6	1.031
Chas. Hilgert	3.4	1.030
J. Burgmeier	3.5	1.029
J. Hilgert	4.0	1.032
J. Gross	3.3	1.030
Matt Ruff, No. 1	3.0	1.031

April 17, 1905. Gross Brick and Limburger Cheese Factory in country, Alma township, Buffalo Co., Manager, Chas. Meyer, Alma, Wis., R. F. D., No. 2.

	% butter fat.
Matt Ruff	3.0
C. F. Possow	3.9
Wm. Kuhn	3.6
Fred Gross	3.3
Chas. Dinger	3.6
Chas. Hilgert	3.4
J. Burgmeier	3.5
J. Hilgert	4.0
J. Gross	3.3

Apr. 19, 1905. Bramer Brick Cheese Factory, Hustisford, Dodge Co., Wis. Factory, Hustisford, Dodge Co., Wis. Manager, Ernst Bramer, Hustisford, Dodge Co., Wis. Maker, Fred Kuntz, Hustisford, Dodge Co., Wis.

	% butter fat.
C. Geitz	3.45
H. Miller	3.20
Aug. Zeithlow	3.00
Aug. Bramer	2.90
Frank Kunz	2.90
Fred Sommer	2.75
Aug. Bergmann	3.50
Aug. Moritz	3.00
Fred Farnow	2.50
Herman Zubka	3.00
Wm. Schwautz	3.00
Aug. Vogler	3.40
Aug. Schwautz	3.20
Aug. Roadtke	2.95
*L. Hasse	3.70
Herman Bohnert	3.20

*Small amount of milk. Badly churned. Sample not to be relied upon.

April 20, 1905. Golden Rule Brick Cheese Factory, located in country, Hustisford, Hustisford township, Dodge Co., Wis. Manager, Ernst Bramer, Hustisford, Dodge Co., Wis. Maker, Fred Mertens, Hustisford, Dodge Co., Wis.

	% butter fat
G. Seefeldt	3.0
W. Schmidt	3.2
Herman Kettner	3.2
Herman Schultz	3.4
Herman Wilde	3.1
Patrick Monaghan	3.4
Aug. Fenske	3.3
Fred Gruelke	3.4

April 21, 1905. Northwestern Brick Cheese Factory located in country, Theresa, Theresa township, Dodge Co., Wis. Manager, Christ Kohli, Kekoskee, Dodge Co., Wis. Maker, Alvin Kohli, Mayville, Wis., R. F. D., No. 1.

	% Butter fat.
H. Neitzel	3.05
Wm. Neitzel	3.40
John Neitzel	3.30
Aug. Neitzel	3.35
J. Ebert	3.05
Wm. Musahl	2.90
Wm. Ebert	3.10
H. Schwertz	3.35
W. Pribnow	3.50
R. Clemm	3.20
C. Runge	3.10
F. Duesterbeck	3.20
†Robert Giese	2.20
Wm. Voigt	3.80
C. Clamp	3.70

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	% butter fat.
C. H. Gutenschwager	3.60
Art Ritzlaff	3.50
Aug. Fircks	2.75
L. Asenbauer	2.50
Aug. Kamrath	2.85
Fred Helt	3.30

April 28, 1905. Dorset Ridge Brick Cheese Factory in Clifton township, Monroe Co., Wis. Manager, Otto Radloff, Hustisford, Dodge Co., Wis. Maker, Alfred Vyss, Wilton, Wis., R. F. D. 1

	% fat.	Sp. Gr.
F. Rubatz	3.40	
F. Haerwel	3.60	
O. Belock	3.20	
E. Pasch	3.60	
Geo. Raabe	3.60	
Aug. Schultz	3.80	
N. Westpha	3.40	
Otto Glade	3.40	
Carl Glander	3.60	
F. Raabe	3.50	
Aug. Raabe	3.80	
Aug. Muske	3.30	
E. Collins	3.60	
F. Leirsch	4.00	
F. Kordian	3.80	
Mrs. Krouse	2.90	
F. Maluke	3.70	
Henry Paach	4.00	

April 28, 1905. Dorset Ridge Brick Cheese Factory, in Clifton township, Monroe Co., Wis. Manager Otto Radloff, Hustisford, Dodge Co., Wis. Maker Alfred Vyss, Wilton, Wis., R. F. D. 1

	% butter fat
F. Bukatz	3.4
F. Haermel	3.6
O. Belack	3.2
E. Pasch	3.6
Geo. Raabe	3.6
Aug. Schultz	3.8
N. Westphal	3.4
Otto Glade	3.4
Carl G'ander	3.6
F. Raabe	3.5
Aug. Raabe	3.8
Aug. Muske	3.3
E. Collins	3.6
F. Leirsch	4.0
F. Kordian	3.8
Mrs. Krouse	2.9
F. Maluke	3.7
Henry Paach	4.0

May 13, 1905. Cold Spring Cheese Factory, located in Cold Spring township, Dodge Co., Wis. Managers, Roach and Seeber, Water oo. Wis. Maker, W. F. Huebner, Reeseville, Wis., R. F. D. No. 1.

	% butter fat
Wm. Lenz	3.6
Aug. Klutzman	3.3
Fred Huebner	3.2
Aug. Kohn	3.2
Christ Kohn	3.7
Mrs. W. Winter	3.6
Wm. Kruger	3.5
Fred Groening	3.0
C. F. Haselen	3.6
Theo. Wolfgram	2.5
Alvin Kupplien	3.9
Aug. Fischer	3.6
Albert Huebner	3.2
Herman Koh's	3.3
Fred Brockman	3.1
Chas. Huebner	4.1
Johnnie Schan	3.9
Albert Quady	4.2
Henry Yergern	3.3
Tom Donehue	3.3
Christ Lee	3.6
Charlie Yercern	3.8
J. R. McGovern	4.1
Barney Kruetzinger	3.5

May 18, 1905. Brick Cheese Factory located in Grove township, Dodge Co., Wis. Manager, E. C. Wrucke, Horicon, Dodge Co., Wis. Maker, Geo. Lehmann, Horicon, Dodge Co., Wis.

	% butter fat.
Herman Koch	3.8
Richard Tiedke	3.5
Wm. Brahmaer	4.7
John Pluck	4.2
Chas. Zuehlke	3.4
Amil Heckmann	3.7
Albert Kemp	3.8
Frank Weber	3.9
Fred Hauffmeister	4.0
Frank Dewitz	3.9
Ernst Wruck	3.7
Wm. Marquardt	3.6
Philip Koepsel	3.7
Wm. Pufhal	3.8
Wm. Heckmann	3.5
Wm. Steber	3.7
J. F. Herrick	4.0
Wm. Schildt	3.6
Wm. Boi	3.8
Aug. Bogda	4.4
Geo. Illig	4.0
John Brockop	3.7

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	% butter fat
Wm. Kohrt	3.7
Wm. Dahnert	3.5
Herman Greinke	3.0
Abt. Fuhrmann	3.7
Christ Beyer	3.6

May 19, 1905. Brick Cheese Factory at Kekoskee, Dodge Co., Wis. Manager, Emil Roll, Kekoskee, Wis.

	% butter fat.
Emil Roll	4.0
Wm. Schwan	3.3
Chas. Dohrman	3.6
Albert Roll	4.2
Fred Metke	4.2
Herman Hetke	3.9
Frank Marohl	3.5
Mrs. C. Schultz	4.2
Frank Berg	3.6
A. Ratsch	3.1
H. Collin	3.2
Henry Roethle	3.1
Chas. Schmidt	4.0
A. Waege	3.8
Hugo Schazmuller	4.3
Aug. Zwieg	3.4
Frank Schultz	3.8
John Berg	3.3
Henry Berr	3.4

May 26, 1905. Cheese Factory at Mt. Vernon. Manager, Geo. Everit.

	% butter fat.
John Harker	4.0
H. Harker	3.8
Geo. Everit	3.5
J. Bum	4.0
W. Moose	3.7
B. Moose	3.4
C. Erfuth	3.8
W. Arnold	4.0
F. Moose	4.2
K. Boe	4.0
Mrs. Brader	3.8

June 15, 1905. Union Cheese Factory at Dixon. Manager, L. Dorgan, Lone Rock, R. F. D. 1.

	% butter fat.
G. Alvin	3.6
M. Mullen	3.4
H. Wiedenfeldt	3.4
John E. Schmitz	3.6
P. Kessnich	3.5
L. Dorgan	3.6
A. Dwyer	3.6
C. Kaul	3.7
G. Flemme	3.4
James Aspel	3.5
M. Sullivan	3.6

June 20, 1905. Cheese Factory at Plain, Franklin township, Sauk Co., Wis. Manager, Mrs. A. Schoenmann, Plain, Sauk Co., Wis.

	% butter fat.
Joseph Cramer	3.6
Frank Ederer	3.4

	% butter fat.
Frank Nachtmann	3.5
John Dishler	3.6
Christ Hutter	3.5
Cramer Bros.	3.5
Mike Bier	3.6
George Byer	3.6
Albert Brechtel	3.5
John Blan	3.5
Mrs. Prowold	3.2
Phillip Bettinger	3.5
Henry Neuheissel	3.5
George Bey	3.5
Alvis Beck	3.5
Joseph Wechner	3.5
John Siegel, Sr.	3.6
John Siegel, Jr.	3.5
Mike Schultz, Sr.	3.6
Mike Schultz, Jr.	3.5
Mrs. Trumpp	3.4
John Kamer	3.5
F. G. Schoenmann	3.5
John Hausbach	3.5
Anton Rick	3.6
Louis Bettinger	3.5
P. Beditel	3.5
John Bauer	3.7
John Weiss	3.5
Mike Paulus	3.4
Paul Sattiss	3.4
Mike Hirtzel	3.5
Jacob Heiser	3.5
J. P. Hass	3.5
Joseph Bemel	3.5
Fred Hemberger	3.5
Geo. G. Weltzer	3.4
John G. Rhuland	3.4
Mary Diehl	3.6

June 28, 1905. Cheese Factory in township of Sken, Richland Co., Wis. Manager, Edward Joseph, Boaz, Wis., R. F. D. No. 1. Maker, J. B. Carey, Boaz, Wis., R. F. D. No. 1.

	% butter fat.
Chris Hannevell	3.5
Jack Ryan	4.0
J. W. Rawson	3.7
Ed. Joseph	3.7
Walter Conkle	3.6
Herman Engendorf	3.3
Francis Sheafor	3.9
Squire Sheafor	4.0
O. F. Robins	3.9
Emmet Cook	3.9
D. M. Waller	4.0
G. H. Balley— Night	3.8
Morning	4.4
Jay Robins	3.7
Carl Buttke	3.7
Walter Adait	3.0
Farnest Bahr	3.8
Mike Frawley	4.0

June 29, 1905. Cheese Factory in country, Dayton township, Richland Co., Wis. Manager, G. M. Miller, Boaz, Wis., R. F. D. 1. Maker, Everett Berry, Boaz, Wis., R. F. D. 1.

	% butter fat.
Casner Gies	3.6
J. Zellars	3.6

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	% butter fat.
M. Miller	3.8
Tom Ewing	4.1
Wm. McAfee	4.0
Elwood Ewers	3.4
Elhu Ewers—	
Night	3.6
Morning	3.8
Wm. Culbortson	3.9
Gid. Young	4.4
Ed. Starkey	3.4
Jas. McCaun	4.2

June 30, 1905. Cheese Factory in country, Dayton township, Richland Co. Manager, J. A. Stettler, Richland Center, Wis., R. F. D. No. 4.

	% butter fat.
C. Stettler	3.7
F. Burk	3.6
N. Boher	3.8
J. Shannon	4.0
Propp Bros.	4.0
M. Robinson	4.2
E. Robinson—	
Night	3.5
Morning	3.7
F. Lyman	3.8
F. Miller	4.2
A. Lyman	3.4
F. Minnett	4.0
H. Conkle	3.3
A. Kheen	3.8
M. Hart	3.8

March 16, 1905. Ryder's Brick Cheese Factory located in country, Hustisford township, Dodge Co., Wis. Manager, Johannes F. Seefeldt, Hustisford, Wis. Maker, Charlie Braunschweig, Hustisford, Wis.

	% fat.	Sp. Gr.
Johannes F. Seefeldt ..	3.2	1.0283
H. C. Ryder	3.4	1.0310
Wm. Hooker	3.4	1.0300
Fred Piper	3.6	1.0294
John Condon	3.8	1.0316
Wm. Guelzow	3.4	1.0290
Wm. Suhr	3.4	1.0297
Henry Seefeldt	3.65	1.0306
Wm. Grulke	3.2	1.0300
Georgie Tomas	3.1	1.0290

March 18, 1905. Clover Leaf Cheese Factory, in country, Menasha township, Winnebago Co., Wis. Maker, A. C. Werth, Neenah, Wis., R. F. D. 11. Secretary, W. M. Grimes.

	% fat.	Sp. Gr.
A. Werth	3.6	1.031
A. C. Werth	3.0	1.030
C. Breaker	3.8	1.029
H. Smith	3.65	1.0299
A. Haase	3.9	1.0299
C. Jorgenson	3.85	1.0313
L. Jorgenson	4.2	1.031
Ed. Hart	4.2	1.0294
H. Hart	4.0	1.032
I. Tipler	4.6	1.0296

	% fat.	Sp. Gr.
A. Bentle	3.8	1.0303
Wm. Pfluer	3.6	1.0295
Geo. Sbafe	3.9	1.0303
Ed. McDermott	3.75	1.028
W. M. Grimes	3.3	1.0291
Frank Landig	3.2	1.029

March 25, 1905. Richland Center Cheese Factory.

	% fat.	Sp. Gr.
M. Brewer	3.8	1.0335
C. C. Fries	4.2	1.032
H. S. Moran	4.0	1.0325
Wm. Wightman	4.2	1.032

Ryder's Brick Cheese Factory at Hustisford township, Dodge Co., Wis. Manager, Johannes F. Seefeldt, Hustisford, Wis. Maker, Charlie Braunschweig.

	% fat.	Sp. Gr.
John Seefeldt	3.2	1.0290
H. C. Ryder	3.4	1.0315
Wm. Hooker	3.4	1.031
Fred Piper	3.6	1.0305
John Condon	3.8	1.0326
Wm. Gulzow	3.4	1.030
Wm. Suhr	3.4	1.031
Henry Seefeldt	3.55	1.0315
Wm. Grulke	3.2	1.031
George Tomas	3.1	1.030

April 12, 1905. Cheese Factory at Calamus, Dodge Co. Manager, G. W. Scott, Columbus.

	% fat.	Sp. Gr.
R. Evans	3.0	1.0315
Fred Schaffer	2.5	1.0285
J. Ollinger	3.7	1.029
J. B. Griffiths	3.7	1.0285
Julius Sauer	3.55	1.0305
Aug. Thom	3.8	1.031
R. Warber	3.2	1.030
Wm. Beier	3.6	1.0295
Henry Gillmore	3.3	1.029
John Schaffer	3.2	1.0315
C. Thiede	3.5	1.029
F. Pieper	2.7	1.029
C. F. Lange	3.0	1.0285
O. R. Jones	4.3	1.030
H. Madoun	3.2	1.0315
F. Lenz	3.4	1.030
R. G. Jones	4.5	1.031
L. C. Prutes	3.4	1.030
J. W. Passhen	3.8	1.0295
J. Owens	3.1	1.0295
L. Lange	3.8	1.030
W. J. Pritchard	3.6	1.030

April 21, 1905. Cheese Factory at Beaver Dam. Managers, Belks and Thomas, Beaver Dam.

F. Schwandt	3.6	1.031
C. Hast	3.0	1.031
M. Cigelski	2.8	1.030
Wm. Schafer	2.8	1.025
John Zemlo	2.8	1.031

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	% fat.	Sp. Gr.
Wm. Neiler	3.0	1.031
Frank Blinke	3.0	1.030
Anton Bach	2.7	1.030
John Gunn	3.0	1.0325
Isaac De Young	3.1	1.0305
Will Volkman	3.0	1.0295
C. Kranz	3.2	1.029
L. Cigelski	3.0	1.032
Wm. Schafer (dup.)....	2.7	1.025

April 26, 1905. Cheese Factory at Watertown. Manager, Dave Flavin, Watertown. Maker, R. W. Foley.

	% fat.	Sp. Gr.
A. Nell	3.4	.....
Kreuger Braeger	2.9	1.030
Flavin and Brown	3.2	1.030
A. Teltz	3.1	.....
H. Brandt	2.9	1.029
E. Brooks	2.9	1.030
W. Hoppe	3.3	1.030
B. Newman	3.6	.....
C. Wahl	3.0	1.0305
H. Soldner	3.3	1.0305
Slight and Kelm	3.3	1.030
D. Morris	2.9	1.030
F. Buchelt	3.2	.....
J. Slight	3.8	.....
Edwards Bros.	3.8	.....
F. Bartz	3.15	1.031
P. Coughlin	3.8	.....
E. Ebert	3.5	.....
A. Michols	3.1	1.030
W. Christian	3.15	1.030

April 27, 1905. City of Merrill, Wis.

	% fat.	Sp. Gr.
C. Hibbard	4.0	.....
C. Hibbard	3.6	1.031
Wm. Podeweltz*	3.2	1.0325
Wm. Podeweltz*	3.2	1.0325
A. F. Baxter	4.6	.....
S. K. Stevens	4.1	.....
S. K. Stevens (cream) ..	24.5	.....
Chris Ebbe	3.2	1.0315
C. Hibbard (cream)....	24.25	.....

* Contains formaldehyde.

May 31, 1905. American Cheese Factory, in country, town of Wayne, Washington Co., Wis. Managers, Wayne and Addison, Allenton, Wis., R. F. D. No. 1. Maker, Albert Weber, Allenton, Wis., R. F. D. No. 1.

Peter Johann	3.35	.....
Joseph Umbs	3.70	.....
John Hose	3.50	.....
Henry Bachmann	3.50	.....
Geo. Basler	3.40	.....
Phil. Klumb	3.10	.....
Charles Wolf	3.75	.....
Con. Dwyer	3.20	1.0315
John Wolf	3.60	.....
Mrs. C. Dwyer	3.20	1.031
Adam Benedum	4.10	.....
Aug. Meyer	3.35	.....
Christ Gutjahs	3.50	.....

	% fat.	Sp. Gr.
Peter Gritzmacher	2.90	1.0318
Herman Kell	3.30	1.0313
Phillip Faber	4.00	.....
Henry Gritzmacher	3.40	.....
Chas. Pamperin	4.40	.....
Anton Sauer	3.10	1.030
Chas. Faber	3.30	.....
Henry Basler	3.35	.....
Henry Souring	3.50	.....
Aug. Zimmel	3.90	.....
Aug. Kell	2.85	1.0277
Herbert Friesa	3.60	.....
Chas. Klein	3.80	.....
Wm. Schweitzer	3.80	.....
Geo. Schleicher	3.80	.....
Henry Ensenbach	3.70	.....
Mrs. J. Gutjahr	3.50	.....
Philip Martin	3.40	.....
Joseph Martin	3.55	.....
Andrew Schweitzer	3.60	.....
Joseph Hahn	3.40	.....
Anton Martin	3.25	1.031
Andrew Endlich, Jr.	3.50	.....
George Endlich	3.00	1.031
Wm. Leucke	3.70	.....
Mike Ruffing	3.30	.....
Jacob Endlich	3.00	1.0305
John Illian	3.40	.....
John Endlich	4.00	.....
Wm. Dahm	3.65	.....
Joseph Sauer	3.60	.....
Bert Theisen	3.40	.....
Andrew Endlich	3.50	.....
Wm. Kibbel	3.45	.....
Louis Bauer	3.60	.....
Peter Emmer	3.80	.....
Wm. Basler	3.80	.....

May 31, 1905. Creamery at Willow Creek, Manager, Henry Sorge, Reedsburg.

P. Sutton	3.6	1.032
A. Thornton	3.8	1.032
P. Pyfferen	3.8	1.0315
D. Murphy	3.4	1.0315
B. Cruse	3.6	1.0315
W. Roue	3.3	1.033
D. Walker	3.95	1.0325
F. Boltzman	3.5	1.032
J. French	3.6	1.032
J. W. Fry	3.8	1.0325
G. H. Fry	3.8	1.0315
E. Fry	3.6	1.032
W. Dewault	3.8	1.0315
J. Fry	3.8	1.032
Outcalt	3.6	1.032
H. Schoonover	3.8	1.031
Willis Fry	3.95	1.031
H. Miller	3.4	1.032
E. Hill	3.2	1.032
Alvin Fry	3.55	1.031

Factory cream	44	
N. Bible (home composite cream)	45	
N. Bible (cream factory composite)	47	
N. Bible (cream home separator)	41	
N. Bible (sample of 2 days' cream at factory)	42	

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June 13, 1905. Cheese Factory at Wayne Center, 3 miles southwest of South Wayne, Wis. Manager, John Rindlisbacher, South Wayne, Wis.

	% fat.	Sp. Gr.
F. Schumacher	3.6	1.0308
A. L. Andrews	4.1	1.0296
Chapman & Hansen	3.8	1.0296
Thorp & Bennett	3.8	1.0294
Joe Sallee	3.5	1.0304
J. W. Hartsough	3.4	1.0304
J. W. Conley	3.4	1.0304
I. Long	3.4	1.0304
J. M. Usher	3.6	1.0299
F. Kurth	3.6	1.0284
M. P. Heizdel	3.5	1.0264

June 22, 1905. Cheese Factory at Krokow. Manager, Kasper Staszak, Sobieski.

	% fat.	Sp. Gr.
A. Trebeck	3.0	1.0325
Joe Rice	4.05	1.032
J. Ucak	3.6	1.032
J. Potkmaryc	3.9	1.0325
P. Gameiney	4.0	1.032
Kasper Staszak	3.6	1.0315
Krapenski	4.0	1.032
Ed. Blazer	3.8	1.0325
Frank Bosache	3.2	1.032
Mike Stozok	3.6	1.0335
John Brokower	3.8	1.0325
E. Dolata	3.0	1.0325
W. Koncol	4.25	1.033
John Marluves	4.1	1.0335
Joe Smeigelski	4.4	1.0325
W. Kozolowski	4.0	1.0325
Adam Swiada	3.6	1.033
John Dolota	4.0	1.031
John Stein	4.2	1.0325
S. Skocznoski	3.0	1.0295
Mike Sultz	3.2	1.0325
Wm. Romonoski	3.2	1.0325
Hojara	4.0	1.0325
Brozzinski	3.6	1.031
Wm. Grach	4.2	1.0325

June 29, 1905. Mottley Cheese Factory located 3 miles southeast of Mineral Point. Manager, John Altmann, Mineral Point.

	% fat.	Sp. Gr.
Will Mottley	3.4	1.032
L. Mottley	3.5	1.032
J. Switzer	3.1	1.0295
Mrs. Toay	3.3	1.032
Reese	3.2	1.031
Will Walker	3.2	1.0315
W. Suthers	3.4	1.031
P. May	3.0	1.032
Mrs. Berg	3.7	1.032
M. Filtzpatrick	3.2	1.031

March 14, 1905. Lindina American Cheese Factory, in country, Lindina township, section No. 15, Juneau Co.,

Wis. Manager, J. W. Cross, Mauston, Wis., R. D.

	% fat.	Sp. Gr.
E. P. Vandusen	4.0	1.0315
W H. Hale	4.2	1.032
Mert Sullivan	4.25	1.0305
Matt Seebacher	4.0	1.030
A. O. Robinson	3.4	1.0325
G. F. Robinson	4.2	1.031
E. H. Robinson	4.2	1.0315
F. A. Robinson	4.6	1.0292
Frank Schmidt	...	...
C. C. Remington	4.1	1.0315
A. A. Fuller	3.8	1.031
T. J. Chadwick	3.5	1.029
Fred Wick	3.6	1.031
O. A. Babcock	3.8	1.0295
D. C. Robinson	3.8	1.0307
C. W. Hale	4.1	1.0313
John Duffy	4.2	1.031
K. Oleson	3.8	1.0325
O. Larson	4.4	1.031

June 20, 1905. Cheese Factory located three and one-half miles south of Monroe, township of Glamo. Managers, Jacob Karlen & Son, Monroe, Wis.

	Sp. Gr.
Jas. Doherty	1.030
C. W. Kleckner	1.0306
Chas. Grant	1.0306
Carl Pinnow	1.0294
Joe Huber	1.0301
G. Dreibelber	1.0300
Wm. Sommerfeld	1.0306
H. Trumpy	1.0296
E. Niffenegger	1.0296
Geo. Koehner	1.0306
P. R. Knoll	1.0301
R. McElligott	1.0296
Aug. Maass	1.0296
Mrs. M. Heutzelman	1.0301
Wm. Hettinger	1.0296

June 24, 1905. Schanghai Cheese Factory located 9 miles southeast of Brodhead, township, Spring Grove. Manager, Jacob Marty, Brodhead, Wis.

W. N. Klass	1.0298
H. J. Reed	1.0306
E. Zimmerman	1.031
H. Klass	1.0296
J. R. Ties	1.0306
F. Montefelt	1.0306
O. Zimmerman	1.030
F. Maska	1.0306
Herman Klass	1.030
Jacob Danbert	1.0306
F. Keller	1.0306
H. G. Craig	1.0296
F. M. Ties	1.0296
S. S. Taylor	1.0296
J. B. Notty	1.0298
C. C. Zimmerman	1.0274
H. J. Millard	1.0308
Hany Zimmerman	1.0304

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June 27, 1905. Cheese Factory located four and one-half miles due north of South Wayne, Wis. Manager, Jacob Gempeler, South Wayne, Wis.

	Sp. Gr.
Wm. Stuart	1.0308
Wm. Jennings	1.0299
Ole Quamess	1.0298
Chr. Olson	1.0312
Even Erickson	1.031
Aug. Erickson	1.0308
Geo. Denure	1.0298
John Phillips	1.030

	Sp. Gr.
Henry Olson	1.030
Wm. Brown	1.0299
Chas. Hartwig	1.031
I. Quiom	1.030
E. Changers	1.031
P. Erickson	1.030
Oscar Olson	1.0308
Mr. Gill	1.030
Martin Hanson	1.030
Ole Hanson	1.0242
D. Eveland	1.031
Sample out of kettle	1.030

July 7, 1905. Manke's Cheese Factory, 2 miles northeast of Brillion. Manager, Robt. Manke.

	% fat.	Sp. Gr.
Joan Kleiber	3.80	1.0315
Mike Welch	3.60	1.032
Otto Becker	3.20	1.033
F. Deffke	3.70	1.032
L. Kautof	3.50	1.032
Joe Hoyer	3.30	1.0325
Geo. Reichert	4.00	1.032
Dave Reichert	3.80	1.0325
S. Geiger	4.30	1.0315
J. Dovrachack	3.15	1.0335
Anton Nenahlo	3.60	1.033
J. Zoren	4.00	1.032
J. M. Hadloff	3.80	1.033
John Buser	3.60	1.0315
Frank Moser	2.70	1.031
Mike Moser	3.50	1.0325
F. Bubolz	3.40	1.0295
Nick Bensfald	3.40	1.033
Paul Moser, Sr.	3.90	1.0315
Joe Weins	Broken	1.0325
Joe Drexter	3.40	1.0305
Mrs. Pritzel	3.70	1.032
Joe Maulick, Sr.	3.40	1.0315
Joe Maulick, Jr.	3.69	1.0315
S. Schuh	3.50	1.032
L. Rank	4.90	1.032
Albert Magel	3.80	1.0315
Jake Becker	3.50	1.0325
F. Pritzel	3.80	1.0325
John Geiger	4.20	1.031
Albert Towre	4.00	1.0315
G. Bubolz	3.40	1.0315
Paul Moser, Jr.	4.00	1.0325
Joe Wutman	3.50	1.0295

	% butter fat.
Philip Faber	3.60
Henry Gritzmacher	3.30
Chas. Pamperin	3.60
Anton Sauer	3.10
Chas. Faber	3.40
Henry Basler	3.20
Henry Souring	3.40
Aug. Zimmel	3.40
Aug. Kell	3.20
Mrs. Schultz	3.20
Chas. Klein	3.80
Wm. Schweitzer	3.60
Geo. Schleicher	3.60
Henry Eusenbach	3.60
Mrs. J. Gutjahr	3.50
Philip Martin	3.40
Joseph Martin	3.60
Andrew Schweitzer	3.80
Jos. Hahn	3.50
Anton Martin	3.40
Andrew Endlich, Jr.	3.40
George Enalich	3.70
Wm. Leucke	3.70
Mike Ruffing	3.80
Jacob Endlich	3.50
John Illan	3.60
John Endlich	3.70
	3.50
Wm. Dahm	3.70
Joseph Sauer	3.30
Bert Weisen	3.50
Andrew Endlich	3.30
Wm. Kibbel	3.40
Louis Bauer	3.40
Peter Emmer	3.30
Wm. Basler	3.30
P. Tilinden	4.00

July 7, 1905. Cheese Factory, in country, town of Wayne, Washington Co. Managers, Wayne & Addison.

	% butter fat.
Peter Johann	3.60
Joseph Umbs	3.40
John Hose	3.40
Henry Bachmann	3.70
Geo. Basler	3.60
Phil. Klumb	3.10
Charles Wolf	2.90
Con. Dwyer	3.10
John Wolf	3.50
Mrs. C. Dwyer	3.50
Adam Benedum	3.60
Aug. Meyer	3.50
Christ Gutjahr	3.70
Peter Gritzmacher	3.40
Herman Kell	3.20

July 8, 1905. Sunny Side Cheese Factory, 4 miles west of Burnett Junction. Manager, Sam. Indermuhle.

	% fat.	Sp. Gr.
Emil Zulisch	4.00	1.029
Adolph Zulisch	4.20	1.029
Gottfried Linde	4.10	1.031
John Kuehn	4.40	1.0305
Wm. Newman	3.80	1.032
James Kennedy	3.60	1.032
Christ Jedike	3.90	1.032
Gottfried Boltzins	3.70	1.031
Aug. Thiemann	4.30	1.030
Fred Brandenburg	4.40	1.031
Chas. Werner	3.50	1.0295
Chas. Kruger	3.30	1.031
John Messer	4.30	1.030
Henry Wilhelm	4.10	1.0295

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	% fat.	Sp. Gr.
John Helbing	3.80	1.0305
Otto Helbing	3.50	1.0305
Jacob Rex	3.60	1.031
Phuip Helbing	3.60	1.031
Chas. Ulrich	4.20	1.0315
John Marifiske	4.10	1.031
Ernst Beyer	3.90	1.031
Aug. Berent	3.40	1.0275
Fred Stange	2.40	1.0335
Aug. Hartel	3.60	1.030

	% butter fat.
John Paulson	4.30
John Helm	4.20
F. McGovern	4.20
Ch. Osterday	4.10
Tom Pattinson	4.20
A. Hendrickson	4.20
M. Sows	4.00

July 14, 1905. New London Condensing Factory, New London, Waupaca Co. Manager, C. Otto.

	% butter fat.
A. Stern	3.90
A. Danks	3.70
T. Lathrop	3.60
H. Ruhsun	4.00
H. Bolinski	3.50
A. G. Westphal	3.30
W. Eggert	3.70
J. Sullivan	4.00
H. Sengstock	4.30
S. Bolinski	4.00
I. Allen	4.00
J. Mulroy	3.50
C. Mertz	3.70
J. Kramer	3.80
A. Penock	Sour
J. Millard	3.60
A. Carver	Sour
F. Maas	3.90
J. Conney	3.80
H. Roos	Sour
C. Kuen	3.30
H. Ross	3.60
M. Riley	3.60
Anna Mitkey	3.80
H. Hanson	3.70
A. Nitkey	3.60
J. Kelley	3.60
Dan Mantz	3.60
H. Reuter	3.60
S. F. Bennett	3.50
Chas. Popke	3.60
Rose Nitkey	3.60
A. Plate	3.80
A. Wildfang	3.80
A. Klatt	3.40
W. Hamm	3.80
Mr. Klingert	4.00
Mrs. Froehlich	3.40
H. E. Raymond	3.70
D. Edminster	3.10
F. Hibbe	3.50
J. Gall	3.60
J. Sowthowski	3.70
W. Shaw	3.60
M. Stern	3.80
C. G. Holtz	3.40
F. Bukouskie	3.80

July 19, 1905. Lamont Central Cheese Factory. Manager, Carl Frehner.

	% butter fat.
Ch. Oline	4.00
John Pattinson	3.60
Cline and Shockley	4.00
John Lancaster	3.70
Jos. Read	4.00
Ole Olson	Sour
A. Murray & Co.	3.80
Joe Craig	4.30

July 20, 1905. Courtland Brick Cheese Factory, in country, Courtland township, Columbia Co. Managers, Gronert and Peirick.

	% fat.	Sp. Gr.
John White	3.30	1.0314
John Vanderbush	3.40	
Henry Tonn	3.20	1.0320
Wm. Lindert	3.20	1.0310
W. W. Bird	3.30	1.0290
K. Russel	3.30	1.0315
R. Evans	3.10	
R. Evans	3.10	1.0320
G. Whittingham	3.40	
Henry Demaske	3.60	
L. Krueger	3.80	
A. Night	3.40	

July 21, 1905. Courtland Brick Cheese Factory. Located in country, Courtland township, Columbia county, Wis. Manager, Gronert & Peirick.

John White	3.80	
John Vanderbush	3.50	
Henry Tonn	3.80	
Wm. Lindert	4.00	
Martin Adams	3.80	
W. W. Bird	4.60	
K. Russel	3.90	
G. Jones	3.10	
G. Jones	3.10	1.0320
R. Evans	3.30	
Mike Beil	3.80	
G. Whittingham	3.60	
Henry Demaske	3.50	
W. R. Jones	3.60	
G. Bubole	3.40	
L. Krueger	4.20	
A. Night	3.80	
W. E. Huges	4.10	
Henry Berger	3.30	1.0320
W. Pritener	3.80	

July 21, 1905. Dublin Cheese Factory, town of Darlington, LaFayette county.

	% butter fat.
Jno. Whalen	Broken
N. Wilkenson	3.9
O. Conly	4.2
J. Murry	3.6
H. McPhillips	Spotted
F. Wisly	3.8
M. Lynch	3.8
F. Dower	3.2
M. Leary	4.0
C. McCoy	3.5
C. Leary	4.2
M. Dower	Spotted
F. Standard	3.8
S. Galaghan	3.3
D. McGranahan	3.6
J. Johnson	4.1
A. Wegmueller	3.5

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July 22, 1905. Gust Cheese Factory.
Vernona, Dane county.

	% butter fat.
G. Gust	3.9
Wm. Dahlk	4.2
H. Goth	4.2
H. Bryne	4.2
Geo. Meland	4.6
E. Scharer	4.3
Louis Schwena	4.5
G. F. Gust	3.6
H. Neland	4.0
John Fansky	3.3

July 27, 1905. Peckham Cheese Factory.
Located in country, Marshall township, Richland county, Wis. Manager and owner, L. H. Doudna.

	% fat.	Sp. Gr.
Jas. Wanlass	1.0300	
J. D. Benton	Broken	
S. G. Harrington	Sour	
A. Smith	1.0308	
D. G. Austin	1.0300	
Geo. Warren	No milk delivered	
It. Jones	1.0308	
M. Gillingham	1.0298	
B. Marshall	1.0298	
Geo. Clark	1.0312	
H. Turnipseed	1.0309	
B. Doudna	1.0300	
J. Queen	4.2	
J. Queen	4.5	1.0269
Chas. Gillingham	1.0300	
Emery Turnipseed	Sour	
Ernest Turnipseed	No milk delivered	
Mrs. Withrow	1.0298	
H. T. Gillingham	1.0312	
J. Pool	1.0311	
J. Coulter	4.4	
J. Coulter	4.4	1.0284
M. S. Gillingham	1.0300	
J. Withrow	4.7	
J. Withrow	4.6	1.0295

July 27, 1905. Cheese Factory located at Kohlsville. Manager, W. P. Hamm.

	% fat.	Sp. Gr.
Aug. Brinkman	3.8	1.0315
Ad. Foss	3.6	1.0325
Jos. Hefter	3.6	1.052
Jos. Hosp	3.7	1.032
Rich Friedman	3.6	1.0315
Hy. Conrad	3.5	1.033
Fred Muehlins	3.4	1.032
Jacob Meinhardt	3.9	1.031
Hy. Kohl	3.6	1.032
Jacob Hamm	3.9	1.0315
Herman Bartelt	3.5	1.0325
Wm. Patton	3.8	1.031
John Yogerst	3.6	1.0315
Matt Yogerst	4.0	1.032
P. Hiller	3.6	1.032
Peter Klumb	3.7	1.031
Chr. Klumb	3.6	1.029
Mart Rilling	3.9	1.032
Theo. Rilling	3.3	1.0315
Chas. Faber	3.2	1.031
Wm. Guth	3.2	1.0325
Wm. Bartelt	3.4	1.032
Mrs. J. Pamperin	3.8	1.031
Mary Meyer	3.6	1.031
Chas. J. Jung	3.5	1.032
Aug. Becker	3.4	1.0315
Wm. Brookman	4.0	1.032
Jos. Mark	3.3	1.031

July 27, 1905. Cheese Factory located at Konisville. Manager, W. P. Hamm.

	% fat.	Sp. Gr.
Hy. Diehls	3.6	1.0285
Wm. Meyer	3.5	1.032
J. M. Rilling	4.1	1.032
John Engeleiter	3.8	1.031
Fred Eichstadt	3.8	1.031
Aug. Kirchner	3.9	1.0315
P. Kirchner	3.9	1.031
Fred Baumgartner	4.0	1.0325
Emma Schuppel	3.8	1.0315
John Pamperin	3.9	1.032
Loe Guth	3.6	1.031
Hy. Wolf	3.7	1.0315
Otto Moritz	3.6	1.0315
Chas. Sell	3.2	1.032
John Gales	4.0	1.032
Hy. Miller	3.6	1.0325
Ad. Kohl	3.8	1.0315
John Blank	4.0	1.0315
John Benedum	3.4	1.0305
Jansen Bros.	3.7	1.0305

August 2, 1905 Cheese Factory, located at Grant county, four miles west of Livingston, Wis. Manager, W. Weinbrenner.

	% butter fat.
Jim Ellis	3.8
Wm. Allen	3.8
F. Gilbertson	3.8
Duck Allen	3.1
M. Knudson	3.8
K. Knudson	3.8
Oie Oleson	3.5
Wm. Weinbrenner	3.8
Jno. Hunt	3.8
Jim Knudson	3.0
F. Ditzman	3.2
M. Peat	3.5
Andrew Knudson	3.2
Jim Fields	3.7
T. Watchhorn	3.3

Aug. 10, 1905. Cheese Factory located at Green county, township of Brooklyn, 8½ miles northeast of Monticello. Manager, Edw. Wiltwer & Bros.

	% butter fat.
A. Pennington	4.6
F. Watkins	4.5
P. Root	4.2
R. Evans	4.0
Jno. Zweifel	4.0
Chas. Burke	4.2
Walter Swan	4.2
Steavan Swan	4.5
J. Swan	4.0
Wm. Butts	4.5
F. Butts	4.0
A. Jones	4.0
F. Jordan	4.4
Sid Trow	4.5
Chas. Trow	4.5
H. Swartz	3.5
C. Smith	4.3
G. Fenton	4.3
Norton	4.1
B. Luchsinger	4.3

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Aug. 12, 1905. Cheese Factory located 3½ miles northeast of Monticello, Wis. Manager, Boutley Bros.

	% butter fat.
Dish Bros.	4.1
J. Dish	4.2
F. Knobel	4.0
S. Lina	4.0
J. Trudo	4.5
H. Kubli	4.0
A. Carrol	4.2
J. Carrol	4.9
J. Mahar	4.8
Stailey	3.7
Nagels	4.3
Geo. Deal	4.0

Aug. 15, 1905. Star Cheese Factory located at Janesville, Plymouth township, Rock county, Wis. Manager, Chas. Zuncher.

	% butter fat.
J. M. Finley	3.8
M. L. Finly	4.4
J. Connell	4.5
M. L. Connell	4.6
Peter Mooney	4.4
Geo. Hatton	3.9
W. Drew	4.4
Chas. Hupel	4.3
Wm. McDermott	4.4
F. E. Butler	4.3
P. McCue	4.5
Geo. J. Butler	4.9
J. Martin	4.0
Thomas Keho	Watered.

Aug. 19, 1905. Cheese Factory located 1 mile northeast of Monticello. Manager. Woolen Mill Cheese Co.

	% butter fat.
Oswald Zentner	3.8
D. Hardy	3.7
J. Altman	3.8
U. Elmer	4.3
P. Dannel	3.8
J. Marty	3.8
Theo. Richard	4.0
H. Hooser	4.0
Dooly Bros.	4.1
W. Carroll	4.0

Aug. 29, 1905. Cheese Factory located about 5 miles southwest of Orfordville, Rock county, Wis. Manager, Gottlieb Klotztl.

	% butter fat.
O. Langsted	4.2
O. Johnson	3.9
H. Gilbert	3.9
P. Foss	3.8
P. Kaatrud	3.9
H. Anderson	3.5
O. K. Lee	3.9
H. Lee	4.0
S. Gilbert	4.6
H. Vinger	4.1
N. Richmond	4.1
J. Hugon	3.9
Chr. Paulson	4.0

September, 1905. Martin Cheese Factory, located 9 miles east of Lancaster. Manager, John Dietrich.

	% butter fat.
Wagner	4.0
Handy	3.6
Meier	3.8
Smith	4.9
Goldman	4.0
Hake	3.5
Ellis	4.7
Wilkinson	4.0
Chilson	4.1
Latham	3.7
Weimbrenner	3.8
Roth	4.3
Fry	3.7
Edge	4.1
Beker	3.8
Benton	4.2
Leighty	3.9

Sept. 16, 1905. Cheese Factory located at Buckman, Wis. Manager, F. N. Buckman.

	% fat.	Sp. Gr.
Jake Grausczyński	3.5	.....
Rennan Liebeck	4.7	.....
Rennan Liebeck	4.0	.....
Frank Cherney	3.8	.....
Herman Haltaufderheide	3.9	.....
William Jackman	3.5	.....
Fred Kratz	3.6	.....
Geo. Ostrego	4.2	.....
Robert Raue	3.9	.....
Frank Hamachek	4.15	.....
Henry Hensel	3.1	1.0260
Henry Hensel	3.2	.....
Henry Hensel	3.15	.....
Martin Chemey	4.0	.....
Stany Pysblski	3.1	1.0275
Stany Pysblski	3.20	.....
Stany Pysblski	3.15	.....
Herman Arndt	4.8	.....
Albert Arndt	3.8	.....
Albert Arndt	4.4	.....
William Kratz	3.5	.....
Anton Waonuek	3.8	.....
James Waonuek	3.8	.....
N. Madson	3.9	.....
John Giesel	4.4	.....
John Giesel	3.7	.....
Stany Graczyk	4.8	.....
Stany Graczyk	3.55	.....
Mike Kranobitz	4.3	.....
Mike Ceagan	3.9	.....
Marton Kolak	3.6	.....
John Ceagan	4.0	.....
H. D. Buckman	3.75	.....
H. D. Buckman	3.8	.....
Anton Kufal	4.2	.....
Joseph Cherney	3.8	.....
William Yeager, Sr.	3.6	.....

Sept. 16, 1905. Cheese Factory located at Buckman, Wis. Manager, F. N. Buckman.

	% fat	Sp. Gr.
Henry Kratz
John Halada	4.0
John Ostrega	4.0
Andrew Dufek	3.9
John Mahoney	4.2

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	% fat.	Sp. Gr.
Carl Valentine	4.1	
Steve Kraynik	3.2	1.0304
Steve Kraynik	3.2	
Jonn McKeagant	4.0	
John McKnight	4.0	
William Yeager, Jr.	3.1	1.0295
William Yeager, Jr.	3.1	
James Kraynik	3.8	
Theo. Bonuke	4.4	
A. J. Buckman	4.15	
John Czarnecki	4.7	
Lawrence Waonuek	3.6	
Joseph Petrasek	3.10	
Joseph Petrasek	3.05	
Joseph Petrasek	3.0	
Thomas Gaffney	5.0	
Thomas Gaffney	4.25	
Steve Kaminski	3.8	
Louis Kolak	4.0	

Sept. 18, 1905. Cheese Factory located in Oakley township, Spring Grove, 6 miles southeast of Juda. Manager, Jacob Karlen & Son.

	% fat.	Sp. Gr.
E. Kryder	4.1	
Walter Zimmerman	3.8	
W. H. Zimmerman	3.6	1.029
J. R. Zimmerman	3.9	
J. W. Zimmerman	4.6	
A. Rosheisen	4.0	
M. H. Tracy	3.8	
G. B. Davis	3.8	
J. F. Zimmerman	3.6	1.029
J. J. Hofmaster	3.6	1.029
A. R. Alexander	3.9	
A. A. Williams	3.9	
Geo. Williams	3.7	
W. N. Bussy	3.3	1.0305
C. W. Kryder	4.3	
A. A. Davis	3.5	1.0305
J. W. Mather	3.7	
John Alexander	4.0	
B. Wunshel	3.6	1.031

Sept. 21, 1905. Cheese Factory located 7 miles southwest of Livingston, Grant county. Manager, J. H. Livingston.

	% fat.	Sp. Gr.
J. H. Livingston	3.5	
F. E. Stephens	3.1	1.0318
F. Weinbrenner	3.5	
H. J. Oston	2.9	1.0308
W. A. Kies	3.1	1.0308
James Hannan	3.2	1.0305
Thomas Hannan	4.6	
N. Watchorn	3.1	1.0303
J. Dennes	3.3	1.0298
Louis Wagner	3.7	
R. M. Latham	3.6	
Oscar Berg	3.6	

Sept. 22, 1905. Hill Creek Cheese Factory, located 5 miles north of Ridgeway, Iowa county. Manager, Fred Hanter.

F. Stapleton	4.0	
A. Yaeger	4.2	
B. Yaeger	3.8	
J. Yaeger	4.0	
Jas. Mendt	3.6	1.0320
M. H. Thomas	3.6	1.0317
Andrew Legler	4.4	

	% fat.	Sp. Gr.
E. Dodge	4.2	
B. Love	4.1	
Ole Christianson	4.0	
J. Miess	4.0	
Ole Eugen	3.9	
P. Keitze	3.6	1.0321
Joe Prazack	3.7	

Sept. 25, 1905. Rhyner & Hutzell Cheese Factory, located 4 miles west of Albany. Manager, Rhyner & Hutzell.

	% fat.	Sp. Gr.
J. Rhyner	3.3	1.0302
J. Hutzell	3.7	
H. Blumer	3.8	
E. Molkow	3.5	
G. Wuethick	4.1	
C. Berryman	4.0	
J. Chamberlain	Watered	
F. Albrecht	4.5	
H. Berryman	4.1	
John Whalen	4.0	
J. Anderson	3.2	1.0297

Sept. 29, 1905. Decatur Cheese Factory, located 3 miles west of Brodhead. Manager, Chas. Zuncher.

John Mordock	4.0	1.0312
Aug. Sillnow	3.4	1.0296
A. Riese	4.70	1.0288
G. Fowler	4.6	1.0293
G. Nix	4.0	1.0297
G. Wolf	Broken	1.0297
W. Schoen	3.9	1.0297
G. Post	4.0	1.0297
H. Davis	4.0	1.0297
W. Kibbe	4.45	1.0286
E. Groetzmacher	3.7	1.0297
F. Lewis	4.2	1.0297
J. Robinson	4.5	1.0302

Oct. 2, 1905. Balls Mills Cheese Factory, located 7 miles northeast of Monroe. Manager, Sam Alleman.

	% butter fat.
F. Asmus	3.4
C. Hartwig	3.5
John Michaelis	3.6
F. Schwartz	4.0
H. Liedschlag	4.0
M. Blackford	4.0
Otto Pinnow	4.8
L. Winzeried	4.0
A. Bullfinch	3.5
J. Briggs	4.10

Oct. 4, 1905. Buckhalter Cheese Factory, located 7 miles southeast of Brodhead. Manager, G. Buckhalter.

	% butter fat.
G. Buckhalter	4.6
Chas. Thomas	3.95
P. J. Smith	5.0
F. Clark	4.4
J. W. Mott	4.0
K. Skogen	4.6
M. Palmer	Watered
Ole Bensen	5.0
G. K. Resteren	4.4

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Oct. 5, 1905. Legget Branch Cheese Factory located 3 miles southeast of Stetzer, Wis. Manager, Wm. Halm.

	% butter	fat
E. Whaler	3.4	
Fred Jungbluth	3.6	
H. P. Kramer	3.4	
C. Kemper	3.7	
L. H. Kemper	3.6	
B. Divall	4.2	
L. C. Kramer	3.8	
Wm. Hahn	3.6	
Joe Novinska	3.7	
Wm. Bausman	3.6	
A. Brownell	3.7	
B. Nitzig	3.8	
L. W. Loy	3.8	
Hill Bros.	3.4	
C. W. Rosemeyer	3.5	

Oct. 12, 1905. Cheese Factory, located 5 miles northeast of Cambria. Manager, Jacob Jossi.

	% fat.	Sp. Gr.
Jacob Jossi	4.2	1.0270
M. Heidt, bottle broken	4.2	1.032
Henry C. Sauer	4.7	1.031
Wm. Mohr	4.6	1.032
Christ Sauer	5.2	1.032
Wm. Scharf	5.8	1.033
Fred Burbach	4.7	1.032
W. P. Sauer	4.7	1.0345
Wm. Reinhard	4.3	1.032
Henry Schmidt	4.3	1.032
W. G. Hama	4.1	1.032
Henry Kohn	4.6	1.032
Gust Ulrich	4.8	1.032
Frank Witthun	4.7	1.032
Chas. Mohr	5.0	1.0325
R. Domma	3.8	1.032

Oct. 18, 1905. Cheese Factory. 4 miles north of South Wayne, Lafayette Co. Manager, Jacob Gempeler.

	% butter fat.
W. Stuart	3.4
W. Jennings	4.8
L. Reardon	4.2
C. Olson	3.9
Aug. Erickson	4.1
Geo. Denure	4.2
J. Phillips	4.1
H. Olson	4.0
W. Brown	3.8
Chas. Hartwig	4.0
T. Quinn	3.0
E. Chambers	3.4
O. Olson	4.3
J. McGill	4.5
M. Hanson	3.5

Oct. 19, 1905. John Meyer's Cheese Factory, 4 miles southeast of South Wayne, La Fayette Co. Manager, Alex. Rollie.

	% butter fat.
C. Kolb	3.9
J. Meyers	3.9
W. Madroll	4.5
A. Engelhard	4.3
M. Rohberger	4.5
Huebner Bros.	4.3
C. C. Chapen	3.8
Wm. Stahr	4.2

	% butter fat.
A. C. Field	4.0
J. Wekeril	4.8
H. Dittmar	2.8
C. C. Wekeril	4.4
R. Orr	4.1
Ben Wekeril	4.1
J. Goodman	4.4
Ben. Kahl	3.7
N. Lensekow	3.9

Nov. 10, 1905. Casely Cheese Factory, 2 1/2 miles west of South Wayne, Lafayette Co. Manager, John Elmer & Son.

	% fat.	Sp. Gr.
F. Kupfershmid	4.60	1.0276
Aug. Mann	4.80	1.0282
J. Wandt	5.30	1.030
F. Ganshirt	4.00	1.0286
W. Krause	4.20	1.0308
C. Blaisdel	4.60	1.029
W. Reed	4.60	1.0298
W. Nees	4.80	1.029

Nov. 11, 1905. McKnight Cheese Factory, 1 mile south of South Wayne, La Fayette Co. Manager, Carl Rollie.

	% fat.	Sp. Gr.
Sam. McKnight	4.20	1.0298
Chas. Arnot	5.10	1.028
H. Tullen	4.60	1.0278
F. Bordon	4.60	1.0306
E. B. Chambers	5.20	1.0285
A. Singford	5.00	1.0302
Mrs. Manke	4.80	1.0296
C. McKnight	4.10	1.0282
R. Estman	4.60	1.027
W. Schlim	5.80	1.0286
J. Watson	4.80	1.0302
Mrs. Hobbs	4.40	1.0284

Dec. 8, 1905. Creamery located at Caroline, Wis. Manager, A. C. Buss.

	% fat.	
A. F. Schmidt	3.7	...
C. Busch, 1 da.	4.8	...
C. Busch, 2 da.	5.0	...
Wm. Glawe	5.0	...
L. Romberg	4.8	...
Wm. Mehlberg	4.4	...
H. Buelter	4.8	...
F. Dalmann	4.7	...
H. Raasch	3.2	3.2
ert Buss	4.6	...
H. Treegioff	5.0	...
C. Treegioff, 2 da.	Sour	...
C. Treegioff	4.2	...
Otto Gellnow	5.0	...
C. Genskow, 1 da.	4.1	...
C. Genskow, 2 da.	4.2	...
Aug. Genskow, morning	5.1	...
Aug. Genskow, 2 da.	3.6	...
Wm. Pappendorf	5.0	...
G. Pappendorf	4.1	...
Albert Stark	4.8	...
Albert Malneg	5.2	...
H. Mueller	5.0	...
F. Knack	5.1	...
John Potratz	5.0	...

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Dec. 9, 1905. Creamery located at town of Pella. Manager, A. C. Buss.

	% fat.	
C. Steege	4.2	4.1
F. Doran	4.2	...
Aug. Ewalt	4.1	3.9
G. Schwertfanger	5.0	...
E. Westphal	4.8	4.6
Wm. Rosenow	5.2	...
Robert Mansee	4.7	...
F. Mansee	4.6	...
F. Reinke	4.8	...
H. Hacker	5.2	...
Aug. Ioppe	5.8	...
John Goodwin	4.8	4.3
Aug. Suhring	4.0	3.9
H. Genskow	3.7	3.0
Wm. P. Buss	5.6	...
Gust. Shilling	4.3	...
C. Buss	4.8	...
Alb. Jesse	4.7	...
H. Westphal	4.6	...
Aug. Wickman	5.8	...
Aug. Splinter	4.3	4.2
H. Binder	4.2	4.3
Wm. Binder	5.3	...
Aug. Krause	4.1	...
Albert Hanfe	5.8	...
W. E. Wolf	5.6	...

	% butter fat.
T. Darling	3.9
P. Christison	3.25
P. Wilkie	3.8
W. Beltz	4.3
A. Peiper	4.1
F. Foster	3.7
W. Rehberg	4.1
H. Renberg	3.9
W. Searle	4.3
F. H. Guthrie	3.9
J. McKenzie	3.2
L. Beehelm	4.3
H. Welland	4.3
W. Bordman	3.6
W. Taus	3.7
F. Mielke	4.0
W. Adams	3.7
R. Scheibel	4.1
W. Beggs	3.8
J. Supernan	3.4
J. Dewar	4.0
W. A. Foster	3.5
J. Steffan, Jr.	4.0
G. Bertram	4.3
P. Kaskie	3.95
C. Vanderwalker	4.3
C. Whitehouse	3.6
A. West	2.9
H. Wright	3.4
W. S. Turner	3.3
F. Millard	3.6
D. Mulligan	3.5
I. Hargrave	...
J. Bertram	3.2
E. Beltz	3.3
C. Vanderpool	3.8
O. Evans	3.5
J. R. Adams	4.1
C. R. Guthrie	4.0
C. Beltz	3.9
F. Kuehl	2.9
H. Bliss	3.9
J. Steffan, Sr.	4.1
D. Rea	3.2
C. Koch	3.25

July 1, 1905. Creamery located at Shopiere.

	% butter fat.
C. Shineall	4.4
A. Senbert	3.4
E. Joroloman	4.4
C. Zick	3.5
Wm. Hahn	3.5
Ida Look	4.4
J. Dole	4.2
A. Clark	3.4
J. Brand	3.6
W. Swingle	3.8
A. Andre	3.4
R. Buss	3.7
Wm. Krebs	3.3
C. R. Porter	3.2
G. Fonda	3.4
A. Frank	3.3
C. Klengfind	3.6
R. Betts	4.0
S. Sweet	3.8
H. Case	4.7
M. N. Wheeler	4.1
A. Mendt	3.6
J. Truesdell	3.9
C. Kettlehorn	3.4
F. Cummings	3.6
Geo. Cleland	3.4
H. E. Gates	4.5
M. F. Warner	3.7
R. Roth	3.4
C. Allen	3.5
A. Mehls	3.2

July 14, 1905. Creamery located at Fall River. Manager, E. C. Dodge.

	% butter fat.
F. Aldrich	4.1
W. C. Brewer	2.7
N. Beattie	3.8
J. Boit	3.6
C. Leack	4.2
M. Brace	3.8
N. Brown	3.9
A. O'Brien	3.8
J. Crossman	3.1
H. Cook	3.6
J. Dunn	4.0
C. Dunning	3.9
C. Dean	2.9
J. Deglow	3.7
R. D. Evans	3.4
F. Oehriet	4.5
J. Fredrick	3.8
J. Foster	4.1
F. C. Foster	3.5
C. Field	3.4
G. Field	4.1
W. Fisk	3.5
A. Freck	...
L. Fadness	3.8
D. Griffie	3.4
W. Lang	4.2

July 12, 1905. Creamery located at Guthrie. Manager, C. C. Champeny.

	% butter fat.
C. Raht	3.8
J. McNaughton	3.9
J. Raht	3.25
E. Koch	3.6
D. Gross	3.4

	§ butter fat.
F. Hemling	4.3
P. Hind	3.7
R. A. Huggitt	3.6
H. Huggitt	4.0
D. Huggitt	3.7
M. C. Hobart	4.3
F. Kanzenback	3.7
W. Kruske	3.9
H. F. Koppling	3.6
A. Lizeman	3.8
W. Lcomis	4.1
W. Lees	3.6
G. Lang	3.7
W. Lenze	3.8
J. D. Laird	3.5
E. Moody	3.2
C. Mann	4.1
W. D. Norton	4.1
J. Nesson	3.7
J. Petrick	3.2
C. Schultz	4.1
A. Schmielpfenning	3.7
T. Stout	3.7
J. Swarthout	3.5
E. C. Sell	3.7
C. Taylor	4.3
T. Tomey	4.2
F. Wreedey	4.5
W. Waterworth	3.9
F. Wittone	3.7
G. Kirk	4.7
W. Loomis	4.2

Cream.

M. Bleverneck	31
F. Lang	30
B. C. Heath	31½
A. Konl	27
E. O'Brien	20
E. Thomas	24
J. C. Lang	19
W. M. Boss	26½
H. Keiffer	21
C. Dick	23
D. J. Haynes	24
F. Frantz	30½
F. Pick	19
F. Reighter	19½
E. Wagoner	28½
R. Behncke	20
W. F. Selk	24½
W. Bleverneck	22½
F. Siegert	35
J. Frawley	35
J. Ludwig	27
L. D. Young	22
H. C. Thompson	17
B. Matthews	20
J. Babcock	19½
C. Richardson	24
M. Lincoln	25½
J. Hinton	11
F. L. Ritter	11
J. P. Goodman	28
A. Pulver	22
P. F. Doherty	25
T. R. Tasker	24
J. M. Young	24
T. Hinton	24
J. B. Dargon	30
C. Cottle	32
C. Linck	34
A. Linck	23
C. Hemphill	31
G. Hemphill	29
Smith Bros.	29½
W. A. Reynolds	29½
Skim milk	.04

July 27, 1905. Skim Station, located at 3½ miles southeast of Union Grove, town of Paris. Manager, F. J. Biehn.

	§ fat.	Sp. Gr.
M. A. Terry	3.6	
I. Jensen	4.4	
J. Terry	3.8	
N. Terry	4.1	
W. Fredrick	4.2	
I. Bensteine	4.5	
H. Pfeiffer	4.1	
N. Spartz	3.4	
O. Schultz	3.9	
H. Peters	3.8	
E. Hensgen	3.3	
M. A. Hensgen	3.3	
J. M. Hensgen	4.2	
J. Hensgen, Sr.	3.5	
C. Schneider	3.5	
A. Weber	3.6	
C. Lettush	2.9	1.0295
M. Funk	3.8	
H. Gunter	3.6	
Mrs. P. Fonk	3.4	
M. J. Fonk	3.3	1.029

July 27, 1905. Nowell Creamery, located 4 miles west of Sugar Bush, Waupaca Co. Manager, O. E. Knoke.

	§ butter fat.
E. Martin	3.9
J. L. Thoma	3.7
E. Rhody	3.7
J. H. Draheim	3.6
F. Miller	3.4
W. Longbrin	4.0
E. Muller	3.5
J. P. Thoma	3.6
M. Mulloy	3.8
W. Mulloy	3.5
P. Nolan	3.8
C. Fitzgibbon	4.0
F. Thiely	4.0
R. Pietz	3.8
J. Thoma	4.0
E. Beyer	3.8
R. Gorman	3.6
J. A. Draheim	4.0
M. Gorman	3.5
A. Kiel	4.3
Skim milk	.05
Buttermilk	.17

Cream.

J. Pirner	28
J. Henrich	31
A. Zimple	27½
E. Raddatz	33
D. M. Sullivan	29
E. Thoma	27
A. Kleger	32½
W. Tietz	34
F. Flannigan	31½
M. Loughrin	22
N. Owen	30½
H. Hanke	36½
N. McCarty	28½
T. Nolan	21
E. Zemple	28
J. Strosenuther	40
F. Pirner	43
A. Kemp	40
C. Hoffman	39
D. Roberts	31½
J. Brico	37
E. Burdick	51

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	% butter fat.
A. Bessit	54
F. Batchler	47
C. Knoke	30 1/2
E. Fitzgerald	25
J. Henrich	29
J. Palmer	27
G. Strosenuther	31
H. Henrich	36
J. Loughrin	36
N. Schmidt	33
R. O'Brien	25

	% butter fat.
N. A. Hasselquist	3.8
C. Alfson	3.8
E. G. Keup	3.7
E. G. Keup	4.9
C. Siminson	4.1
H. Keup	3.7
A. Wilson	3.2

Aug. 4. Creamery located at Wequock, Brown Co. Manager, G. Van Lannen.

July 28, 1905. Creamery located at Jim Falls. Manager, Wm. Robison.

	% butter fat.
Oscar Tracy	3.6
Dave Douglas	3.8
Ed. Douglas	3.9
F. E. Ross	3.9
F. Reifenburg	3.2
E. Heirenz	4.6
D. G. McKay	3.7

Cream.

Thom. Flaherty	32
John Flaherty	39
John Dresell	25
J. W. Thomas	25
H. K. Ward	22
Wm. McIlquahm	22
J. Handly	22
W. D. Cameron	26
C. N. Ashley	27
Barney Wanhoorbeck	26
A. B. Strowbridge	41
Mrs. Linhart	37
E. E. Gilman	32
Wm. Foster	26
G. E. Buge	31
John Bergeron	29
H. Fasbender	29
M. S. Shipman	33
James McIlquahm	23
Martin Flaherty	30
Ch. Reeshares	24
J. P. Johnson	34
Otto Pitsch	31
H. Gilman	36
A. Plaunt	29

Aug. 2, 1905. Creamery located at Mt. Morris. Manager, E. G. Keup.

T. A. Thompson	4.3
O. H. Arvison	4.1
M. Westhagen	4.4
Mrs. Cregar	4.7
Mrs. Alfson	3.7
H. Anderson	4.0
Anderson Bros.	4.3
W. Anderson	4.2
A. Anderson	3.9
H. Winge	4.1
P. Mortson	4.2
E. Siminson	3.9
L. Larson	4.2
A. Thompson	4.9
N. Thompson	5.7
C. Christenson	4.8
M. M. Hansen	4.4
G. Keup	3.9
M. Peterson	4.5
E. Olson	3.8
F. Radeloff	4.2
M. Thompson	4.2

	% butter fat.
W. Van Leshout	4.3
A. Rousseau	5.5
J. Jacobs	4.2
C. Rinen	3.9
F. Baenen	4.3
H. Van Lannen	3.9
P. Morison	4.5
H. Van Lannen, Jr.	4.0
G. Van Lannen	4.2
A. B. Gonion	4.6
A. Mallot	4.0
H. Dappen	4.5
B. Van Lannen	5.3
J. Coleman	3.7
J. Van Lannen	3.5
F. Ballard	4.3
— Brice	4.2
P. Zentius	3.9
O. Schilling	3.4
D. Gibson	3.5
E. Schilling	3.8
G. Campbell	4.2
H. Schilling	4.1
W. Unson	4.1
X. Leanna	4.5
J. Jennings	4.6
H. Baenen	3.9
Wm. La Plant	3.7
— Guildmiller	3.6
Hugh Van Lannen	3.2
H. Degrote	4.8
N. Van Leachout	4.8
— Bonier	4.1
M. Leanna	3.4
N. Pearsnider	3.3
F. Resler	4.4
H. Moeler	4.3
W. Rinen	4.2
J. Dart	4.3
G. Van Lannen	3.9
A. Zeulzius	4.4
— Minier	4.7
P. Jennings	4.5
E. Gillman	3.9
J. Hennan	3.9
John Conen	4.4
J. Conen	4.6
F. Clariman	3.7
— Van Hagan	4.2
T. Rienen	4.1
E. Greenwood	4.0
T. Gibson	4.9
G. Noyion	3.9
J. Boneville	4.6
A. Cooper	4.4
— Roseau	3.6
H. Corson	3.8
M. Van Hagen	3.9
R. Leanna	4.0
C. Unson	4.1
— Dart	4.0
R. Corson	4.3
M. Lebergan	4.5
B. Vincent	4.7
— Marchant	3.7
Sisters of Charity	3.9

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	% butter fat.
P. Van Hagan	4.3
Wm. Murray	3.8
— Deland	4.4
Mrs. Hule	4.2
H. Vincent	4.2
Cobard Bros.	4.5
Mrs. Miller	4.9
J. Malliet	4.0
V. Vanderhiden	3.8
M. Abert	5.4
F. Noyon	4.7
— Nevels	4.1
N. Nicholai	4.3
J. Becker	4.2
F. Collins	4.3
J. Duquane	4.1
J. Cole	4.1
E. Castor	4.0
E. Gonion	4.1
G. Ealer	3.8
— Campbell	4.4
J. Buss	4.1
P. Leanna	4.6
J. Parent	3.9
L. Truckey	4.4
G. Surveys	4.8
J. Van Leachout	4.2
J. Cooper	4.3
— Vincent	3.8
— Vandervest	3.8
J. Deville	3.8
E. Baenen	3.8
F. Deapas	4.4

Aug. 22, 1905. Creamery located at
Almena. Manager, Chas. Kaemmer.

J. Hemauer	4.4
J. Stauner	4.4
Geo. Stauner	4.0
J. Klingler	4.3
Matt Becker	3.9
W. Gelting	3.7
A. Kosack	4.2
J. H. Schenten	5.0
J. Ehraten	5.1
J. Bramel	4.4
C. Bramel	4.4
W. Pimple	5.0
M. Raffenberg	4.2
H. Yensten	4.9
L. Hemauer	4.8
J. E. Carlson	4.6
A. Hazberg	4.9
L. Ernest	4.2

Sept. 1, 1905. Creamery located at
Loyal, Clark Co. Manager, Chas. Krueger: owner, M. Fitzgerald.

C. B. Esselman	3.80
G. Kaddatz	4.00
H. Fider	4.20
J. Miller	3.50
C. Esselman	4.20
W. D. Lyons	4.06
J. Bertz	3.60
W. W. Lyons	4.20
P. Hannan	3.80
J. Motschenbacher	3.40
O. Milligan	3.80
L. Lambert	4.50
E. Pavelsdorf	3.56
C. Rohde	4.30
J. Ruetz	4.36
N. Heintz	3.60
J. Loppnow	4.00
A. Harris	3.80

	% butter fat.
E. Morse	4.00
J. McKenzie	4.00
B. White	4.60
W. McKenzie	4.00
Marg. Schweiger	3.70
Peter Bertz	4.00
W. Walls	3.80
T. Freeman	4.00
B. Stoneberg	4.80
Aug. Hass	5.60
C. Stow	3.80
D. Castner	4.80
A. Castner	4.20

Sept. 5, 1905. Creamery located at
Farchild, Jackson Co. Manager, Frank
Emer: maker, A. Witchi.

— Gorbach	4.40
Mrs. Bremer	4.20
Fred Thur	3.70
John Werrel	3.90
Anton Mayer	3.90
John Emer	4.60
A. Phluger	5.20
A. Beiver	4.80
Frank Emer	3.40
A. Bergman	3.40
Joe Kaufman	3.90
Peter Beiver	5.60
Frank Hafner	4.50
Peter Lobinsky	4.60
Mrs. Emer	3.60

Sept. 20, 1905.—Creamery located 18
miles southeast of Neillsville. Manager,
D. F. Wallace.

A. Lawson	4.4
P. Peterson	4.3
H. O. Moe	5.1
H. Swanback	...
J. E. Walbert	4.6
H. Wallace	5.0
E. Messing	...
J. McCann	...
J. Jacobson	4.4
T. Sparks	...
S. Thorson	4.0
F. Scharf	4.2
H. Eggen	...
P. Frederickson	4.0
G. Burness	4.5
R. Whitcamp	...
Ed. Thorson	3.9

Sept. 26, 1905. Creamery located at
Fall Creek. Manager, Henry Wise.

F. Krenz	4.6
H. Schroeder	3.8
H. Stabenay	3.3
Mrs. Kading	4.0
H. Roester	4.1
S. Randall	4.2
S. Glenz	3.9
G. Ventzke	4.1
E. M. Schultz	4.0
W. Fiecke	4.1
P. Bohlin	4.2
C. Zander	2.2
L. Becker	4.7
F. R. Puhlman	4.1
W. Kromrey	3.4
L. Arnold	3.5
H. Kromrey	3.7
H. Koppin	4.0

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	% butter fat.		% butter fat.
R. Zempel	3.9	Oleo Mattson	4.8
J. Kalles	3.8	Elling Petterson	4.4
F. Kraft	3.3	John Anderson	4.8
W. Weideman	4.2	K. G. Olsen	4.6
A. Britten	3.6	Chas. Bretwitz	5.4
M. Kraft	3.7	P. Christinsen	4.1
A. Schultz	4.2	Ole Severson	...
C. Schlewitz	3.8	John Nelson	4.8
F. Westfal	4.6	H. Himer	4.2
R. Pense	4.2	H. Christopheresen	4.1
F. Zempel	4.2	A. Bersven	4.0
W. Kreuz	4.2	J. A. Anderson	4.5
J. Bornke	3.9	Ole Rudie	...
H. Hinterberg	4.0	K. Thompson	4.1
M. Schauer	4.1	K. Bersbacken	4.2
C. Staples	4.6	Olof Wahl	4.3
J. Bethke	4.0	Fred Latrop	4.8
Mrs. F. Bartz	3.3	Casper Olsen	4.0
L. Bahr	3.7	Ole Erickson	4.3
A. Ventzke	4.6	J. Banther	3.2
H. Geske	4.0	A. Olsen	4.4
G. Kalles	4.0	Helga Tompson	4.4
C. Conrad	4.0	Arnt Pettesen	4.4
G. Klingbeil	4.6	A. Borest	4.6
W. Britten	4.2	Peter Erickson	4.6
W. Petrick	4.2	Helga Erickson	5.4
W. Boetzer	4.0	W. E. Boarst	4.2
R. Wenat	4.0	L. Larsen	4.0
C. Bartz	4.1	Ole Hansen	5.1
J. Wilhelm	4.2	Tenius Johnson	4.1
W. Flack	4.1	B. Markuson	4.5
P. O. Voegler	3.5	P. A. Jomman	4.9
R. Schwartz	4.8	M. Evenson	4.6
L. Mahles	3.9	Mrs. Severson	4.5
F. Wegen	4.3	Robert Jessy	3.6
H. Mieske	4.3		
G. Wiese	3.5		
F. Glenz	4.4		
Oct. 14, 1905. Creamery located at			
Black Creek, Wis. Manager, E. V. Grarigen.			
G. Sassman	3.9		
John Sassman	3.8		
H. Sassman	3.6		
Chas. Minlschmidt	3.2		
Chas. Minlschmidt	4.0		
Gust Beyer	3.8		
Wm. Schroeder	4.5		
Jas. Fitzgerald	3.5		
Jas. Fitzgerald	3.9		
John Hawthorn	4.0		
Wm. Behl	3.8		
Wm. Behl	4.1		
J. Kronz	3.2		
J. Kronz	3.8		
W. Kronz	3.8		
A. Kessler	3.9		
A. Kessler	3.7		
Aug. Duhm	3.5		
Aug. Duhm	4.8		
Wm. Blake	3.6		
Wm. Blake	3.9		
Henry Krull	4.0		
Henry Krull	3.9		
G. A. Rodgers	4.7		
Wm. Fitzgerald	4.2		
J. P. Kronz	4.1		
J. P. Kronz	4.5		
Gust Kringle	4.0		
Wm. Kettner	3.7		
Wm. Kettner	3.7		
H. Stittgen	3.9		
H. Stittgen	4.2		
D. Fitzgerald	4.1		
M. Harty	4.1		
M. Magaurn	3.2		
M. Magaurn	4.2		
A. Kronsa	4.0		
H. Bruch	3.3		
M. Harty	3.8		
Wm. Fitzgerald	4.3		
Oct. 6, 1905. Creamery located at			
Deer Park. Manager, F. J. Husband.			
Wm. Courtwright	3.8		
Otto Neitge	3.9		
A. Howde	4.3		
A. Anderson	3.3		
Andrew Johnson	4.0		
T. Halvorson	4.0		
Joe McGolrick	3.9		
O. D. Sandby	4.6		
Mrs. J. Peterson	3.0		
Oct. 12, 1905. Creamery located at			
Lesser, Wis. Elm Dale Co-op. Creamery Co. Manager, John Sechrest.			
T. Thompson	4.0		
Juel Anderson	4.2		
John Sechrest	4.6		
Peter Bergan	4.6		
Paul Ranseth	4.3		
Anton Anderson	4.0		
Andrew Bersbaken	4.6		
Ole Hovie	4.6		
Chas. Berndt	5.4		
Simon Simonsen	4.4		
Peter Simonsen	4.7		
Nels Locken	4.3		
Ole Somsen	4.2		
Henry Erickson	3.9		
Peter Christopherson	4.4		
O. Christiansen	4.4		
Mrs. Fredickson	5.1		
Julius Borest	4.0		
Julius Olson	4.4		
K. L. Olson	4.4		
Hans Erickson	4.2		
Emil Waine	4.5		
John Waine	4.4		

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Oct. 19, 1905. Creamery located at
Symco. Manager, T. H. Hart.

	% butter fat.
J. Bishop, Jr.	3.4
J. Chapin	3.9
O. F. Baldwin	4.0
S. M. Baldwin	4.5
C. Fenske	4.0
D. S. Beach	4.2
H. Hass	3.5
A. Tate	3.9
H. F. Ora	4.0
C. Patric	4.2
F. Fesher	4.0
J. Ebert	4.3
R. Petzer	4.3
Mrs. Lemkie	3.7
J. Herman	3.5
E. Pomranke	4.0
W. Joshman	4.6
C. Speck	4.0
W. Anderson	4.1
G. Rolp	4.6
J. Fesher	4.6
B. Baldwin	3.9
Mrs. L. Bailey	4.3
A. Beyer	4.3
P. Klatt	3.9
A. Tranggott	4.3
P. Sage	3.8
A. Rachen	4.2
H. Storm	4.1
H. Werth	3.9
J. Petzer	4.1
P. Hedtke	3.7
H. Feirg	4.4
G. Munt	4.3
A. Henschell	4.0
Mrs. L. Hilke	4.1
Milo Storm	4.4
P. Krause	4.0
C. Jeage	5.2
A. Hoffman	3.8
F. Pedke	4.2
C. Potzer	4.3
O. Lightfoot	4.4
W. Steinback	4.6
M. Herman	4.1
J. Price	4.4
R. Beyer	4.5
J. Belot	4.2
M. S. Stroud	5.3
J. Dretke	3.6
O. Bahr	3.9
R. Steinback	4.6
G. Weise	4.3
F. Voss	4.2
I. Gobb	4.3
J. Henschell	3.8
J. Drath	4.4
L. J. Brawn	3.9

Cream.

	% butter fat.
A. Krecklow	44 1/4
G. Krause	31 1/2
C. Deto	41
A. Kronberg	28 1/2
J. Ora	44
E. Josman	24
A. Hildenan	31 1/2
J. C. Mueller	41
C. Fuerst	38
J. Schwindt	43

MILK.

July 3. Sample submitted by M. C. Uehling, Shopiere, Wis....	3.7
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July 5. Samples submitted by F. A.
Goodrich, Lone Rock.

	% butter fat.
H. L. Thomas	3.7
F. Runge	3.5
C. Smelcer	3.4
W. Creasey	3.4
S. B. Loomis	4.65
Anna, Cora Dittlin	3.9
John Starkson	3.8
A. Pinkerton	3.7
A. Mabbatt	3.75
Wm. Runge	4.4
G. A. Carswell	3.75
Sam Huntley	3.7
Jas. Layton	3.65

July 17. Samples submitted by Carl
Frehner, Darlington, Wis.

	% butter fat.
Ch. Oline	4.0
John Pattinson	3.6
Cline & Shockley	4.0
John Lancaster	3.7
Jos. Read	4.0
Ole Olson	Sour
A. Murray & Co.	3.8
Joe Craig	4.3
John Paulson	4.3
John Helm	4.2
F. McGovern	4.2
Ch. Osterday	4.1
Tom Pattinson	4.2
A. Hendrickson	4.2
M. Sowis	4.0

July 18. Sample submitted by
Frank H. King, Almond, Wis... 2.95

July. Sample submitted by W. E.
Warren, said to have been pro-
duced by Nic Titosky 3.4

July. Sample submitted by Erick
Jacobson, Merrill, Wis. 2.5

August 12. Samples submitted by S.
E. Machmueller, Waussau, R. F. D. No.
1.

	% butter fat.
August Strey, Aug. 9.....	3.7
August Strey, Aug. 10.....	3.85
August Strey, Aug. 11.....	4.
August Strey, Aug. 12.....	3.85

August 25. Sample submitted by John
Stenner, Fennimore, Wis. 3.6

August 30. Samples submitted by
John Krahn, Livingston, Wis.

	% butter fat.
Jim Ellis	3.8
Wm. Allen	3.8
F. Gliberson	3.8
Dick Allen	3.1
M. Knudson	3.8

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	% butter fat.
K. Knudson	3.8
Ole Olsson	3.5
Wm. Weinbrauner	3.8
Jno. Hunt	3.8
Jim Knudson	3.
F. Ditzman	3.2
M. Peat	3.5
Andrew Knudson	3.2
Jim Fields	3.7
T. Watchhorn	3.3

November 13. Samples submitted by J. F. Kidd, Rockbridge, Wis.

	% butter fat.
No. 1	4.4
No. 2	4.6

	% butter fat.
November. Sample submitted by Chas. Buchda, Randolph, Wis.	4.1

	% butter fat.
August 31. Samples submitted by Jacob Skibba, Junction City, said to be produced by K. Beitzinger	3.8
Said to be produced by Lawrence Schaldst	3.25
September 15. Sample submitted by Fred Stimpfle, Kievenville..	3.7

September 25. Samples submitted by Fred Schuler, Livingston, Wis.

	% butter fat.
J. Kenney (mornings)	4.2
J. Kenney (evenings)	4.4
Ira W. Griswold	4.1
Fred Pysler	4.2

	% butter fat.
October 7. Sample submitted by Peter Gerber, Blue Mounds, Wis.	3.9
October 2. Sample submitted by R. F. Buckholtz, Two Rivers...	3.9

October 10. Sample submitted by Arnold Schwander, Gilmanstown.

	% butter fat.
Sample No. 1	3.2
Sample No. 2	3.65

	% butter fat.
October. Sample submitted by S. Platner, Mukwonago, Wis..	3.7

CREAM.

	% butter fat.
July 3. Sample submitted by Henry Rentz, Westby, Wis., R. F. D. No. 2. Sample No. 1.	30
July 6. Sample submitted by Max Moldenhauser, Marshfield, Wis., R. F. D. No. 5.	32
July 21. Sample submitted by Edgar Viall, Madison, R. F. D. No. 7.	42

August 29. Samples submitted by F. W. Kellogg, Almond, Wis. Composite samples, Aug 1-15.

	% butter fat.
Barney Meyer	31
P. J. Meyer	22
Paul Dredske	17
F. W. Kellogg	29½
Jacob Milins	22
John Milins	32½
George Russell	19

December 19. Sample submitted by J. N. Schaefer, Reeseville, Wis.

	% butter fat.
.....	26.8

December 19. Sample submitted by F. L. Hardtke, Watertown, Wis.

	% butter fat.
No. 1	37
No. 2	38%

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January 17, 1906. Creamery located at Marshall, Dane Co., Manager, Robert McCredie, P. O., Marshall:

	% butter fat.	
J. H. Parker	3.7	3.2
Steinhorst	3.7	3.7
L. Baker	3.0	3.0
V. Beusch	3.6	3.6
C. Ballecke	3.9	3.9
H. H. Beebe	3.4	3.4
J. C. Burgman	3.7	3.7
W. Bigelow	4.0	4.0
J. Blaschka	4.0	4.0
T. J. Brooks	4.0	4.0
H. S. Calkins	5.2	5.2
J. Cookes	3.7	3.7
C. Striech	3.3	3.3
C. Cooper	4.0	4.0
A. Klecken	4.1	4.1
H. Streich	4.6	4.6
Wm. Kohlman	5.6	5.6
P. Furlong	3.6	3.6
C. S. Thompson	5.6	5.6
T. Scheuler	3.9	3.9
J. F. Hebel	3.4	3.4
Mrs. Jaeger	4.8	4.8
Wm. Huebner	4.2	4.2
C. Krane	3.3	3.3
Mrs. A. Morey	3.6	3.6
C. Springer	4.1	4.1
F. Kerhen	3.4	3.4
F. B. Knaughton	5.0	5.0
F. Bieglow	4.0	4.0
J. Kroneman	3.8	3.8
F. Smith	4.2	4.2
Albert Martin	3.8	3.8
T. Sawger	3.7	3.7
E. Martin	3.4	3.4
Wm. Meyer	4.7	4.7
Geo. Agnew	3.5	3.5
F. Pribbrenwro	3.4	3.4
W. Fallersack	3.5	3.5
G. Bears	4.7	4.7
A. E. Thompson	6.1	6.1
F. J. Sangor	4.8	4.8
H. Black	4.2	4.2
C. Beuhler	3.4	3.4
Wm. Schlenner	3.7	3.7
O. Schultz	4.1	4.1
F. Killykio	4.8	4.8
C. Baker	3.7	3.7
H. Rockow	3.8	3.8
F. J. Skalitzky	3.4	3.4
E. Wurst	3.6	3.6

No. 1.

January 19, 1906. Creamery located at Evansville, J. W. Christison, Prop.

	% butter fat.	
F. Cushman	4.15	4.15
S. Wadsworth	4.5	4.5
J. W. Christison	4.95	4.95
B. Glidden	4.2	4.2
B. Bryan	4.5	4.5

No. 2.

January 20, 1906. Raymond Creamery Co., located 8 miles north of Spring Grove, Manager, H. Kamper, Spring Grove. No. 1 is test for first half of January. No. 2 is test of two days' milk.

	% butter fat.	
	(1)	(2)
W. Sorenson	4.0	4.1
Jacobson	3.9	4.0
H. Christianson	4.1	4.1
A. Olson	4.0	4.3

J. Peterson	4.1	4.4
Jens Nelson	4.2	4.7
S. Karie	3.8	3.8
Rygh Bros.	3.9	4.1
Hans Olson	4.1	4.0
Herman Erickson	4.3	4.1
J. H. Kamper	3.8	3.2
Cris. Anderson	3.8	3.7
Theo Bauer	3.7	3.4
Harry Spellman	4.0	3.9
W. H. Nelson	4.2	3.9
Andrew Nelson	3.6	3.2
Ed Evens	4.1	4.5
Ludvig Bros.	4.1	3.9
A. Peterson	4.6	3.8
Geo. Kaine	4.4	3.7
Wm. Kaine	4.0	4.4
H. C. Anderson	4.1	3.4
P. Anderson	4.0	3.4

February 10, 1906. Creamery located at Eagle. Manager, E. A. Watrous, Eagle.

	% fat		Jan
E. A. Watrous	4.0	4.4	4.4
J. F. Braun	3.9	4.0	4.0
E. Dewit	4.2	4.0	4.0
G. W. Sykes	4.4	4.2	4.2
J. Skidmore	4.6	5.0	5.0
O. H. Bigelow	4.6	4.0	4.0
C. Worm	4.8	4.2	4.2
Geo. Andofer	4.4	4.1	4.1
H. Feastle	4.3	4.0	4.0
R. Baker	4.1	4.4	4.4
F. Andofer	4.9	4.2	4.2
O. Vought	5.0	4.4	4.4
J. Brenning	3.8	4.2	4.2
E. Baker	4.0	4.2	4.2
F. Sprague	3.9	4.2	4.2
Mrs. Betts	4.4	4.3	4.3
F. A. Betts	4.2	4.3	4.3
J. Whettam	3.9	3.8	3.8
F. Perry	4.2	4.4	4.4
J. Theile	4.8	4.0	4.0
W. Marquard	3.8	3.8	3.8
J. Crawley	4.4	5.4	5.4
A. Gibson	4.6	4.7	4.7
A. M. Smith	3.9	3.7	3.7
H. Ongon	3.6	4.0	4.0
J. Alpress	4.4	4.4	4.4
J. Hoferman	4.7	4.4	4.4
J. Burmaster	4.4	4.6	4.6
V. Stubbs	4.4	3.9	3.9
C. Thurlaff	4.0	4.3	4.3
W. Meredith	3.9	4.4	4.4
A. Bridenbeck	4.0	4.8	4.8
E. B. Parsons	2.1	2.7	2.7
F. Feastle	4.6	4.5	4.5
Chas. Sawyer	3.9	4.8	4.8
M. Parsons	4.4	4.3	4.3
F. Draper	4.3	5.2	5.2
J. W. Sherer	4.4	4.5	4.5
H. Stieckels	4.2	4.6	4.6
N. Macholdt	5.0	4.6	4.6
E. Hill	4.8	4.6	4.6
E. Macholdt	4.2	4.4	4.4
J. Amman	4.5	4.1	4.1
T. Rohdes	4.4	4.0	4.0
Von Ruden Bros.	4.4	4.1	4.1
J. Anlin	4.4	4.6	4.6
M. Theile	4.2	4.3	4.3
Kruella	4.5	4.3	4.3
C. Wedenhaff	4.3	4.3	4.3
Cream Patrons.			
J. C. Agathen	19.0	18.6	18.6
Agathen Bros.	15.5	17.0	17.0
C. Keuther	27.0	23.0	23.0
J. Angel	22.0	23.0	23.0
R. James	20.5	20.0	20.0
Mrs. Griffin	24.0	22.0	22.0

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	% butter fat.	
B. Bridenbeck	18.5	19.0
F. Thomas	21.0	15.0
J. Steinhoff	22.5	21.0
J. Brady	16.0	21.0

February 13, 1906. Creamery located at Newville. Manager, E. C. Peterson, Edgerton.

Wm. Affeldt	3.5
Ziebel & Maas	3.7
Wm. Splitter	3.4
Aug. Rutz	3.5
Wm. Stricker	3.4
John Stricker	3.8
B. Pierce	4.2
Albert Dallman	3.5
Frank Sherman	4.2
Will Condon	3.7
David Condon	4.3
Henry Geske	3.6
John Sherman	3.6
W. J. Parke	4.6
Aug. Husen	4.2
Benj. Cooper	3.6
John Quigley	3.8
Chas. Brown	4.0
L. K. Peck	4.4
J. R. Splitter	3.7
Geo. Clark	—
Aug. Dorn	4.6
G. L. Richardson	3.6
John Beich	4.2
Wm. Hutchinson	4.1
Quigley & Boden	below standard
Cream Patrons	
Albert Otto	31.5
Luis Shocksneider	30.0
Aug. Teegs	31.0

March 17, 1906. Creamery located at Deansville. Manager, Wm. T. Strassburg, Marshall, R. F. D.

	% butter fat.	
F. D. Wright	4.1	
Joe Feibiger	4.0	
H. Bethka	3.8	
F. Stangler	3.2	
B. Motl	3.6	
A. Wendt	3.4	
C. Schultz	3.7	
J. Kripps	3.6	
C. Zimmerman	3.7	
Joe Stranskey	4.0	
F. Motl	4.1	
M. Riley	4.2	
R. Vasco	3.6	
Perkil & Starker	4.3	
Joe Cerhorn	5.0	
H. Starker	3.6	
J. Langlotz	4.0	
E. Frank	3.8	
L. Ehlensfeldt	3.8	
A. Palke	3.4	
A. Shuster	3.8	
J. Faltersack	3.3	
B. Motl	3.6	
A. Wendt	3.5	
J. Klinesmith	3.6	
A. Grubb	4.0	

March 21, 1906. Creamery located at Oakfield, Fondulac Co. Manager, Geo. Hansen, Oakfield. Test made from one day sample taken March 21, 1906.

	% butter fat.	
S. A. Smith	3.2	
C. M. Hubbard	4.1	
C. Launders	3.9	
S. Hafsey	3.6	
J. Ehrling	4.2	
J. Susan	4.2	
H. Whitmore	4.0	
Skim Milk .....	.02

March 22, 1906. From one day's sample taken March 22, 1906.

	% butter fat.	
J. Ehrling	4.4	
Wm. Kline	4.4	
E. Hitt	4.6	
C. Laundress	4.2	

March 22, 1906. Creamery located at South Byron, Fond du lac Co., Manager, Geo. Hansen, Oakfield.

John Berud	4.4
F. Hatty	3.9
Roy Culver	3.4
Wm. Wolenburg	4.6
Henry Blank	3.7
John Attenberg	3.5
C. Western	3.8
Wm. Bloohm	3.6
A. Habekorn	4.0
F. Holland	4.2
S. H. Bird	4.0
J. Muenster	4.0
Chas. Plintico	3.7
Dave Blakeman	3.4
Ed. Cowles	3.6
France Lamb	4.0
Amos Sampson	3.4
Wm. Zinkie	3.8
Chas. Cowles	4.2
Skim Milk .....	.02

March 23, 1906. Skim Station located at Spokeville. Manager, Frank Johnson, Loyal.

	% butter fat.	
C. Luchd	4.2	
A. Sayles	4.6	
W. Haslow	3.8	
J. Whaling	4.0	
H. Engebentson	3.6	
H. Cole	4.2	
O. Whaling	3.1	
O. Ratzburg	3.9	
J. Beam	4.2	
A. Leatherdale	4.2	
F. Stuerwald	4.8	
C. Witt	3.1	
Shafner & Gross	4.0	
Wm. Miles	4.2	
W. Sufficoll	4.4	
J. B. Bashford	3.9	
F. Schoop	3.9	
A. Marquart	2.04	

March 24, 1906. At creamery located at Newville 4½ miles S. E. of Waterloo. Manager, Albert Woelffer, Waterloo. Last test by Buttermaker.

J. Abendroth	3.3	3.3
C. Blumenberg	3.4	3.4
J. Korth	3.4	3.0

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H. Becker	3.4	2.3
F. Duvoc	3.6	3.4
H. Gerner	3.4	3.5
A. Heller	3.4	3.3
A. Klaun	3.1	3.4
F. Krause	3.9	3.6
H. Saun	4.0	3.5
H. Kurtz	3.8	3.4
C. Lentz	3.3	3.6
C. Michel	3.7	3.6
O. Newport	3.6	3.5
C. Schultz	3.6	3.6
A. Strause	3.6	3.6
C. Strause	3.8	3.6
A. Wendt	3.6	3.3
W. Toppe	3.3	3.6
F. Overbeck	3.7	3.2
R. Woelfler	3.7	3.3
W. Gleshardt	3.4	3.3
T. Lenius	3.4	3.3
C. Heller	3.2	3.2
A. Veith	3.2	3.1
E. Skalitzsky	3.5	3.5
G. Kersten	3.6	3.4
C. Schwanke	3.4	3.6
F. Zeibell	3.3	3.4
C. Peschel	3.9	3.4

March 24, 1906. Creamery located at New Minster, Kenosha County. Manager, W. F. Beimer, New Minster.

	% fat	
Ben Elfers	4.1	3.9
H. Voss		3.4
Joe. Koekman		3.7
Joe Arohaff		3.6
Mrs. E. Sorg		4.5
I. M. Schlitz	3.5	3.7
J. M. Keosting	3.9	3.8
H. Keokhoff	4.	3.9
W. F. Beimer	4.4	4.3
F. J. Keosting	3.7	3.7
H. Heideman		3.2
H. Keokman	4.8	4.9
Wm. Lohous	3.1	3.
John Hessefoot	3.7	3.8
E. Spiegelhoff	4.9	5.1
F. J. Schuerman	3.9	3.5
C. Harm	3.8	3.9
E. A. Ebbing	5.1	5.
B. Herda		3.5
B. Hemling	4.4	4.2
B. H. Lohous		3.7
John Kretchmer	3.6	3.6
Dave McKee		3.6
Joe Toelle		3.9
Joe Epping	3.7	3.6
B. H. Lois	3.5	3.4
P. Lambert	3.	3.4
Herman Lois	4.	4.2
Ed. Rosenhouer	3.5	3.4
John Lois, Jr.	3.6	3.6
P. Kramer	3.9	3.8
J. B. Tanking	3.9	3.6
A. Elverman	4.	4.
Wm. Somerfeld	4.4	4.1
J. F. Hunsbuscher	3.6	3.6
John Kerkman	3.4	3.4
R. Feldtamp	3.7	3.8
Theo. Kerkhoff		4.5
H. Essling		4.
Ed. Herda	3.6	3.6
Joe. Beoger	4.2	4.
H. T. Hofner		5.4
John McRae	3.9	3.7
G. Newman	4.6	4.5
Wm. Lois	3.1	3.4

March 28, 1906. Combined Factory located in Town of Buena Vista, Richland County, Wis. Manager F. A. and C. E. Goodrich, Lone Rock, Wis.

	% fat. Sp. Gr.	
Geo. Bowell	3.4	1.0308
F. D. Goodrich	3.8	1.0395
J. S. Runyan	3.8	1.0305
C. Reuter	4.	1.931
G. Welte		
H. A. Brace	3.3	1.0306
John Reuter		
F. Schadewald	3.2	1.0305
Jos. Kaney	3.1	1.0316
W. J. Davis	3.5	1.0308
P. Rasmussen	3.3	1.0325
P. Bucken	3.4	1.0316
N. L. Carswell	4.1	1.0322
F. A. Strang	3.6	1.0315
Chas. Flamme		
Wm. Christenson	3.3	1.031
Ed. Smith	3.7	1.0308
Stanley Maxwell		

March 29, 1906. Creamery located at Potters Corner. Managers, Wolfgram and Kiepert, Helenville.

	% butter fat.	
G. E. Schlesner		2.8
H. Buske		3.2
F. Thorndick		2.9
R. Wolff		3.2
H. Rabbe		3.8
C. Buske		4.3
Mrs. Pitzner		3.9
L. Blase		3.4
Mrs. Buske		4.1
C. F. Schultz		3.4
Mrs. Kottke		4.3
H. Vogt		3.3
L. Kottath		3.1
William Janke		3.1
C. Heine		3.0
J. Reise		3.1
E. Staude		3.2
R. Reibe		3.2
F. Polinski		3.4
Wm. Buss		5.1
Otto Lydow		4.0
E. Ruske		3.5
E. Frank		3.1
F. Reibe		3.5
F. Goodbont		3.2
J. Splettrasser		2.6
A. Strasburg		3.4
J. Mohr		3.6
R. Zastrow		3.4
C. Bauman		3.4
F. Reise		3.3
R. Stelmke		3.2
Wm. Baker		3.5
F. Strasburg		3.4
Wm. Potratz		3.0
H. Janke		2.8
H. Korth		3.0
G. Polzin		3.2
Wm. Ott		3.2
J. Kleinsteiber		3.3
F. Vogt		3.3
F. Knach		3.2

March 29, 1906. At creamery located at Potter's Corner. Managers, Wolfgram and Keepert, Helenville, R. F. D. No. 1. Samples brought in from a skimming station called Kohloff Skimming Station.

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II. Buchert	3.5	W. Mathies	3.9	3.65
R. Buss	3.5	C. C. Jensen	3.65	3.8
Wm. Buchert	3.6	Chas Jansen		3.7
Aug. Buske	3.1	M. Stollenwork		3.8
A. Dobratz	3.5	R. Bullmore	3.9	3.9
F. Zindars	3.3	J. Murry	3.9	3.8
Aug. Berg	3.4	G. Bullamore	3.95	4.2
W. Maase	4.0	J. Stollenwork		3.7
W. Dittbauer	3.2	E. Pfeiffer		3.8
L. Maase	3.9	H. Stollenwork		3.8
W. Korth	3.2	Geo. Fouk	3.3	3.4
II. Zindars	3.4	H. Christiansen		3.85
R. Zindars	3.1	J. Drissol		3.8
F. Buss	3.4	A. Jensen		4.6
Chas. Maase	3.6	J. Meyer	4.	4.3
Al. Klug	3.4	P. Meyer	4.1	4.3
F. Banech	3.3	J. Schlitz	4.5	4.5
Wm. Gangert	3.3	J. Snider	3.75	4.05
W. Filenius	3.2	P. Nolan	3.7	3.9
E. G. Sell	3.6	L. J. Prange	3.85	4.3
F. Maase	3.6	Joe. Frederick		3.5
F. Dobratz	3.6	M. Schlitz	4.7	5.
Al. Buske	3.0			
II. Blank	3.2			
J. Kisson	2.9			
A. Maase	3.6			
Ed. Sell	3.4			
A. Sell	3.3			
A. Zindars	3.3			
Chas. Milbrath	3.4			
II. Schimling	4.1			

March 31, 1906. Creamery located at Eagle. F. A. Baker, Manager, Eagle.

March 30, 1906. Creamery located at Mt. Hope, Wis. Manager, Curt. Button, Mt. Hope, Wis.

	% fat.	Sp. Gr.
Earnest Abrams	4.	1.032
Tom Mulrooney	3.6	1.032
R. Morrow	3.9	1.0326
E. A. Cairns	4.2	1.033
Geo. Henry	3.7	1.0314
A. E. Cooley	4.7	1.0324
Abrams Bros.	5.	1.035
Mrs. M. Alexander	1.6	1.034
M. Brandt	3.4	1.032
E. Pendleton	4.	1.032
N. Procter	3.4	1.0326
Mrs. Mary Nies	4.1	1.029
F. Alexander	3.7	1.0324
Earl Cairns	3.7	1.0314
James Alderson	3.4	1.0297
M. Walsh	3.7	1.0324
Alex. Cairns	3.7	1.0324
B. Darling	3.2	1.0316
F. M. Morrow	3.5	1.0328
M. Carmody	3.9	1.034

March 30, 1906. Creamery located at Town of Paris, Kenosha County. Manager Kenosha Cry. Co., Kenosha.

	% fat	
Geo Krensher	3.	3.5
J. Krensher	3.8	3.9
N. Hogstead		3.9
C. Hartman	3.7	3.75
A. Manteen	3.65	4.
V. Fouk	3.6	3.65
P. Fouk	4.	3.8
P. Karns	3.7	4.2
P. Snyder	4.4	4.2
P. Hemm		3.8
J. Riedenbach	4.9	4.9
N. Fredertek	3.75	4.
J. Frederick	3.8	3.6
Jake Frederick	3.6	4.

	% fat	
T. A. Watrous	3.8	4.0
J. F. Braun	3.4	3.7
E. DeWitt	3.7	3.9
C. Macholdt	3.8	3.6
P. W. Sykes	4.1	4.3
J. Skidmore	4.5	4.6
O. Bigelow	4.4	4.2
C. Worm	4.2	4.0
G. Andover	4.0	3.3
H. Faestele	4.0	3.7
R. Baker	4.1	3.8
F. Andover	4.3	4.2
O. Vought	4.5	4.2
J. Brinning	3.8	3.4
F. Baker	4.0	4.0
F. Sprague	3.8	3.5
Mrs. Betts	4.1	3.9
F. A. Betts	4.0	3.9
J. Whitttem	3.5	3.5
F. Schiedler	4.0	3.7
F. Perry	4.0	3.9
J. Thiele	4.4	3.7
W. Marquardt	3.5	4.1

April 4, 5, 6, 1906. Creamery located at Albion. Manager, Wm. Bussey, Albion.

No. 1. Composite Samples.
No. 2. Test from one day.

	% fat	
	(1)	(2)
C. R. Green	5.3	5.7
G. H. Taylor	4.4	4.8
M. Reynolds	4.8	5.1
W. A. De Lancy	3.9	3.9
F. Stark	4.2	4.2
W. T. Palmiter	4.5	4.2
A. H. Palmiter	4.6	4.6
E. G. Williams	5.0	4.9
H. A. Head	4.0	4.6
D. D. Emerson	3.8	4.2
M. A. Head	3.8	3.7
S. Tall	4.2	4.5
D. L. Babcock	4.1	4.1
E. C. Main	5.9	6.3
Mrs. A. Ford	3.7	4.0
C. M. Williams	4.8	4.9

Bliven & Call	3.5	3.4	L. B. Crandall	4.1	4.4
M. J. Babcock	4.2	4.2	M. Mason	4.3	5.2
J. M. Dates	4.2	4.3	G. E. Carlson	3.5	4.
H. Rehnke	3.7	3.9	S. Winger	3.3	3.8
F. La Plant		4.5	J. Olsen	3.5	3.7
O. M. Nelson	3.8	4.4	H. H. Larson	3.7	4.1
G. H. Barber	4.0	4.9	D. Anderson	3.6	3.7
Tom Pierce	3.9	4.2	N. H. Earson	3.6	3.6
C. D. Barber	3.6	4.2	O. Trulson	3.6	4.
F. J. Pierce	3.9	4.5	P. H. Hanson	3.4	3.6
W. Barber		4.1	P. Jensen	3.8	4.1
G. M. Pells	3.8	3.9	W. & E. Bussey	3.6	3.8
J. Crowley		4.6	S. Clark	3.8	3.7
A. Gibson		4.0	H. Marsden	4.	4.
A. Smith		3.7	J. A. Jensen	3.7	3.7
H. Onyon		3.8	S. Marsden	4.1	4.1
J. Alpress		3.9	L. Marsden	4.2	4.3
J. Burmaster		4.5	M. Flom	4.1	4.2
V. Stubbs		4.1	M. Stagg	4.	4.3
C. Thurloff		4.2	C. Hippie	4.1	4.4
W. Meredith		4.0	Mrs. Hippie	4.	4.2
A. Bridenbeck		4.0	A. Vickers	3.7	3.9
F. Rockteacker		5.4	A. Hanson	3.8	3.3
E. B. Parsons		2.9	L. Scaverson	3.7	3.7
F. Faestel		5.6	A. Hanson	3.7	4.1
C. Sawyer		4.2	H. Rierson	3.6	3.7
M. Carsons		4.3	E. Gunder	3.5	3.6
F. Draper		4.1	W. Kruckenberg	3.9	4.
C. L. Sherrer		4.3	H. J. Davis	3.4	3.4
H. Stickels		3.6	J. Stebbins	3.8	3.6
N. Marcholdt		4.3	J. Bickle	4.8	*
Mrs. Rannie		4.3	J. Noe		4.1
C. Cruver		4.3	F. Cook	3.7	3.5
J. Grydon		3.8	C. Kruckenberg	4.2	3.7
E. E. Hill		5.6	G. Wesendonk	3.3	3.3
J. Amman		3.9	O. Wegasmones	4.6	4.2
T. Rohdes		3.8	D. P. Devine	4.4	4.2
Von Ruden Bros.		3.8	Mrs. Hill		4.2
F. Thomas			J. E. Jacobson		3.4
J. Aplin		4.4	P. Kelsberg		4.8
M. Thielle		4.5	J. T. Wescott	4.0	4.0
Kurella		4.0	L. L. Petty	4.2	4.4
C. Widenhaft		3.9	F. Hebel	3.8	3.9
M. Bigelow		3.8	Mrs. Stout		4.9
G. Perry		3.6	J. J. Hageberg	4.1	3.6
F. & J. Von Ruden		3.1	J. Livick	3.5	3.4
F. Frye		4.1	M. F. Hayes	4.8	4.5
A. Stead		3.7	O. L. Coon	5.6	5.0
Cream.			S. A. Davis	3.8	4.0
J. C. Agathen	18.5		M. J. Drake	4.1	4.3
Agathen Bros.	15.5		A. Bliven	3.8	*
C. Keutter	3)		A. Schmeling	4.0	4.0
J. Angel	21.5		M. Bliven	3.8	3.8
R. James	20.		O. Heggan	4.1	4.1
M. Griffin	22.5		E. Bliven	3.6	3.5
B. Bridenbeck	17.5		A. E. Stagg	3.6	3.8
J. Steinhoff	22.5		Cash Williams	4.6	4.2
E. Macholdt	26.5		Ed. Williams	4.9	4.7
F. Thomas	16.5		D. W. North	3.9	3.9
J. Brady	20.5		W. McCarthy	4.0	4.2
A. Stead	14.		W. A. McCarthy	4.1	4.0
A. Stagg	5.4	5.7	C. Saunders	3.8	4.0
F. A. Lawton	3.8	4.	G. L. Gilson	4.5	4.4
H. Stone	3.9	4.1	Johnson & Anderson	3.8	3.9
F. B. Lawton	4.4	4.3	C. I. Babcock	5.0	5.0
N. Kelly		4.3	C. M. Olstad	3.8	5.0
O. J. Palmiter	4.	3.6	A. Lempke	4.0	3.9
C. M. Sheldon	4.7	4.8	W. Ayers	5.0	5.3
Krueger & Atwood	4.5	4.6	Collom & Wentworth	3.8	3.9
H. Iveson	4.4	4.	P. Danilson	4.1	4.6
T. Atwood Est.	4.4	4.8	C. F. Christinson	3.1	3.5
L. Touton	4.	5.1	J. L. Haugen	3.7	4.1
Henry Marsden	4.6		A. O. Sjontham	3.6	3.8
H. Koosch		5.	N. C. Olson	4.1	4.2
O. Olson	4.	5.1	O. Bushon	3.5	3.8
W. Nobles	4.	5.1	M. A. Forseth	3.3	3.2
E. N. Crandall	3.9	4.5	M. J. Skeough	3.6	3.8

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J. J. Boewre	4.1	4.3
Otto Nelson		3.1
E. Haugen	3.7	3.9
H. O. Stockstad	4.1	3.9
H. Evenson	4.0	3.8
O. L. Stockstad	4.0	4.0
C. L. Stockstad	3.6	3.8
P. Westby	3.5	3.4
A. E. Winger	3.4	3.5
F. J. Van Horn	4.7	3.8
M. E. Chadwick	5.2	4.7
Ed. Espley		3.7
Mrs. Ramsey	3.9	3.7
O. Wethal	3.7	3.5
J. Skaar		3.7

Cream.

No. 1. Test from Composite Samples.
No. 2. Samples from one day.

		% fat	
		(1)	(2)
J. Q. Emery & Son	32.5		
C. H. Tall	23.5		
J. T. Naset	28.5		
G. Silverwood	25.5		
C. Pierce	26.0	26.5	
P. L. Pierce	25.5	33.5	
F. Carr	21.0	22.5	
H. Rucks	40.5		
L. Saunders	37.0		
I. D. Hartzell	23.5		
C. Philops	27.0		
A. Olson	26.0		
O. Rucks	26.0		
G. F. Walters	26.5		
W. La Fay	33.0		
K. Lunde	28.0		
P. Kelsberg	22.0		
Mrs. M. Hill	20.5		

April 5, 1906. Skim Station located five miles southeast of Union Grove. Manager, F. Bean, Union Grove.

		% butter	fat
M. A. Terry		3.6	
J. Jensen		3.7	
J. Terry		3.7	
N. Terry		3.5	
M. Fredricke		4.0	
J. Benstenir		3.3	
H. Pfeffer		4.1	
N. Spartz		3.4	
O. Schultz		3.7	
G. Peters		3.0	
E. Hensgen		3.1	
M. A. Hensgen		4.0	
J. Hensgen		3.9	
J. Hensgen Sr.		3.4	
M. Fonk		3.7	
H. Gunter		3.6	
Mrs. M. Fonk		3.5	
M. J. Fonk		3.2	
Chas. De Groot		3.2	
Van Stein		3.3	

April 11, 1906. Creamery located at Vernon, Waukesha Co. Manager, G. B. Harris, Waukesha.

No. 1. Test from one day.
No. 2. Test from Composite Samples.

		% fat	
		(1)	(2)
James Wier	4.0		
D. I. Sharp	3.6	3.4	

J. Van Buren, Sr	3.7		
H. Wollenzien	3.6		
W. Swan	3.4		
T. Otto	4.3		
J. F. Rietzner	4.0	4.6	
W. Washer	4.2		
Oleson Bros.	4.0		
J. Powers	4.2		
A. H. Oleson	3.4		
G. Singsine	4.9		
W. Wolf	4.2		
S. Oleson	4.9		
J. Butler	3.9		
M. Schmeiar	3.6	3.4	
C. J. Pember	4.0		
W. Wollenzien	3.6		
Geo. Mc Kenzie	3.8		
J. Bass	3.7		
J. Raht	3.8	3.6	
Chas. Platz	4.4		
W. Pennbrook	3.8		
A. Mair	3.5		
Geo. Savin	3.6		
W. Hammond	3.6		
S. Platz	4.1		
A. Wollenzien	3.7		
T. Torbaison	4.4		
S. Anderson	3.4		
S. Niedercorn	3.4		
F. Welch	3.3		
Geo. Singsime	3.3		
N. Sarson	4.1		
Peter Mc Kenzie	4.0		
S. Keffen	3.7	3.8	
F. C. Abel	4.0		
H. Fraser	4.0		
J. Smith	3.4		
J. Stewart	3.7		
T. Carroll	3.6		
H. Vick	4.0	4.0	
J. Van Buren, Jr.	3.5	3.5	
W. Raht	3.7		
Robert Mc Kenzie	4.2	4.0	
J. Freeman	3.9	3.9	
H. Blank	4.1		
August Snedtke	3.1		
Chas. Snedtke	3.3		
F. Hart	3.8		
Chas. Finn	3.4		
August Piper	3.2		
J. Fletcher	3.8		
Paul Austin	3.2		
Robert Hudson	4.0		
Chas. Davis	3.3		
John Austin	3.0	2.8	
H. Dewey	3.0		
Chas. Hudson	4.0		
Walter Davis	3.8		
Otto Babel	3.8		
J. Menick	3.5		
W. Austin	3.4		
J. Killeps	3.5		
A. Buelo	3.0		

April 11, 1906. Creamery located at Caldwell, Racine Co. Manager, McCanna & Fraser, Burlington.

No. 1. Test from one day.
No. 2. Composite sample.

		% fat	1	1
		(1)	(2)	
A. R. Talcott	3.4		3.2	
C. Meyers	3.3		3.2	
Gus Brock			3.6	
L. C. Ward			4.0	

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	% butter	fat.
A. Patterson		3.4
A. H. Peacock		3.5
E. Hillger	3.4	3.4
Gus Neidman		4.0
Gus Peacock		4.0
M. L. Davis		3.7
F. Smith		4.1
Clarence Van Vahn	3.9	3.6
Wm. Butke		3.4
H. Butke		3.7
Aug. Butke		3.6
H. Greeley		3.6
Wm. Abel	3.7	3.6
F. Quinn		4.4
I. Blood		3.8
H. O. Rayley	4.0	3.3
B. W. Craig		4.0
H. Milch		3.3
C. Newman		3.5
J. T. Porter		3.5
R. L. Porter		3.6
H. Koebernick	3.3	3.2
C. Van Valne		3.6
J. Pluckhahn		3.8
J. Nowatske	3.6	3.3
A. N. Hollister		3.8
Wm. Stockman		3.5

April 12, 1906. Creamery located at Lake Beulah, Walworth Co. Manager, Ed. Seaman, Lake Beulah.

C. Miller		3.8
W. Reik		3.4
J. Irewyn		4.2
B. Brown		4.6
F. Fraser		3.4
C. Fisher		3.6
F. Utter		3.6
H. Schroeder		3.7
L. Kroesch		3.2
G. Greebel		3.5
A. Hanson		3.6
C. Schroeder		3.9
A. Diest		3.4
Beiling Bros.		3.7
A. Hunter		3.2
J. Simons		4.7
Mrs. Buttles		3.9
E. Buttles		3.7
H. Vobach		3.6
Wm. Anterman		3.5
L. Buttles		3.8
John Brophrey		4.4
O. Dewey		3.4
R. Rogers		3.9
H. Milch		3.3
Healey Bros.		3.5
D. Harden		3.5
J. Greeley		3.5
Mrs. Justin		4.3
S. Quinn		3.8
R. Schroeder		4.0
F. Weichert		3.6
M. Weiderman		3.1
P. Clausen		3.6
E. Beardsley		3.8
J. Deering		3.7
H. Judd		3.4

April 13, 1906. Creamery located at Oakland Center. Manager, C. F. Straburg. P. O. F. T. Atkinson, R. F. D. No. 1.

	% butter	fat.
J. Wendt		3.2
Mrs. Ward		3.4
R. Greene		3.7

	% butter	fat.
J. Rush		3.2
J. Gates		3.6
Rouber Bros.		3.2
J. S. Haag		3.4
Wm. Gottschalk		3.7
Wm. Felbell		3.3
J. Wagner		3.2
W. M. Ward		3.4
J. Regelein		3.2
M. Hetts		3.0
W. M. Barfkneht		2.8
F. Suder		3.4
J. W. Porter		3.7
C. Berwin		3.2
E. Treloff		3.1
Weckler Bros.		3.1
C. Prefer		3.6
S. Benson		3.7
H. Kreedeman		4.1
F. Drager		3.4
M. Thompson		3.4
J. Sanghoff		3.9
W. W. Simdon		3.5
Paul Sange		4.1
H. Punzel		3.6
N. Deforest		4.6
J. Kripper		3.6
F. Byrow		3.4
J. Gherke		3.8
C. Conkey		3.8

April 13, 14, 1906. Creamery located at Iola. Manager, C. L. Passmore, Iola.

H. Wipp		5.0
Ole O. Budsburg		3.6
P. Johnson		3.7
T. Paulson		3.8
F. J. Dimmock		3.8
F. Elliott		4.3
J. Ryerson		2.6
M. Torson		4.0
A. Jorgenson		3.4
J. Wrotstad		4.3
Gunder Royal		4.1
S. Ellofson		3.8
P. Larson		3.7
H. A. Siljard		3.4
A. Benberg		3.7
A. Paulson		3.7
J. Grove		4.3
Sevenson Bros.		4.5
S. Thullin		3.9
E. Johnson		3.7
G. Sommers		4.0
B. Gordon		3.8
B. S. Peterson		3.9
J. Hanson		3.4
J. Gregor		3.5
G. Herbjetsen		3.2
G. S. Gregor		3.2
M. Helgason		3.6
		3.8
		3.7
H. B. Taylor		4.0
M. Nosby		3.6
G. Amondson		3.7
Matt Danielson		4.1
P. Paulson		3.7
T. Wallace		3.3
P. Benentt		4.1
T. Lightbody		4.2
K. Luboos		3.4
J. Schwarzenboch, Jr.		3.9
Otto Dolan		4.2
M. Jenson		3.9
S. Fiona		3.3

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C. Peterson	4.3	C. E. Hagen	29.5
Nels Thorstenson	3.4	A. Knutson	30.5
C. Christenson	3.6	R. Bothwell	24.
Miss Peterson	3.7	H. Torgenson	23.25
C. Colrud	3.1	J. Roland	23.25
A. Faulks	3.5	Ole Kolden	26.
Ole Loberg	4.1	Ole Knutson	29.
L. T. Peterson	4.4	T. Siljord	27.5
	2.2	B. Benson	27.75
G. Morn	3.5	Ole Gosrud	22.5
Nels Olson	4.0	E. A. Erickson	27.5
S. Gjertson	4.0	B. S. Peterson	21.75
C. Fredrickson	3.6	Elof O. Peterson	18.
G. Larson	3.3	A. Gregor	23.25
		Ole Omet	23.25
Cream.		O. C. Leo	29.
A. Goll	24.	A. Myklebust	24.75
M. Ellofson	22.	C. Wesley	29.
A. Jacobson	29.	J. Haher	21.
J. B. Jones	31.75	Geo. Gregorson	23.
F. Behrant	29.25	A. S. Paulson	19.
J. Tresness	25.	P. Hartvig	31.5
E. O. Taylor	31.5	M. Sveen	31.5
J. P. Jensen	27.	C. Gudahle	28.75
A. P. Biedermann	28.	A. G. Nelson	25.5
Oliver Wright	26.	J. Swenson	27.
C. N. Knutson	33.	J. G. Erickson	32.
E. Olson	29.5	C. C. Loe	21.
A. Swenson	26.	J. McNinch	27.5
Ole Bosaland	21.	Ed. Faldet	36.
H. D. Stone	24.	N. F. Nelson	24.75
N. T. Larson	30.5	Leo Polzeue	25.5
S. Paulson	25.	J. H. Leuthold	28.25
H. Winger	26.	S. Bested	26.5
T. Gilbertson	37.5	L. Meyers	26.
W. Jones	29.5	Ole Boe	24.
H. Keating	28.5	Ole J. Fjelbo	32.
Ed. Olson	21.	G. Stoursted	25.25
C. A. Gale	33.	Ole Faldet	32.75
P. Aamstad	26.25	H. Rienich	29.5
E. Thullin	23.5	F. Tohm	23.25
H. Loe	25.5	Alf. Goll	22.
Sonnenburg	21.	S. Knutson	22.25
H. A. Larson	29.	J. Jensen	24.
E. G. Dohlan	31.	A. Tuboas	33.75
S. Moen	25.5	Ole Florta	20.5
H. G. Hermanson	21.5	F. N. Peterson	28.
D. Davis	29.5	Sam Swenson	27.5
Ole A. Goll	20.75	C. Loberg	25.
K. Bistul	22.	R. Faulks	30.5
J. Olson	28.5	Sam Goll	28.
Ole S. Gunderson	37.25	Ole Solum	22.5
John H. Johnson	19.75	C. J. Loe	27.5
J. Listul	35.5	J. Pidd	28.25
C. Evenson	20.5	H. Skogen	43.75
I. Drohland	30.5	W. Krause	29.
H. Moen	31.	H. C. Loken	20.
M. Kendall	37.	C. Thompson	25.5
A. Sether	27.5	L. Larson	27.
Murray	26.25	J. Aasen	21.
E. Wasrud	28.	H. Paulson	31.
J. Engbretson	29.5	W. Leuthold	28.
L. O. Olson	28.	J. Esland	29.75
H. O. Westland	25.	O. J. Wrolstad	25.25
John Loe	23.75	R. Bistul	24.5
H. C. Anderson	31.	F. Selmer	22.25
A. Erber	27.	G. Dohlan	25.5
J. Lokken	20.5	Otto Hanson	27.
L. Loe	25.5	S. A. Elofson	34.25
W. Staub	24.	P. J. Johnson	23.
P. A. Peterson	24.75	Ole Nerli	22.5
A. Gullickson	25.5	S. Gehrki	29.5
Otto Olson	24.	A. Torbenson	27.75
T. Knudson	26.	M. Helgason	25.
S. Nosby	27.	H. Roland	28.75
M. Stroud	35.	M. Mosk	22.75
A. Thorson	28.	P. Paulson	25.50
G. Knutson	29.5	G. G. Wolberg	27.

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April 14th, 1906. Creamery located at Genesee, Waukesha County. Shirley Harrison, Manager, Genesee...

Geo. Farnham	4.3
Geo. Weston	3.7
C. Price	3.2
J. Meurer	4.3
E. Nelson	3.4
J. Jones	3.6
Mrs. Martin	3.5
C. Kohlhaas	3.7
Wm. Flood	4.2
J. Sellers	3.5
M. Hoeft	3.9
C. Provonche	3.7
Jas. Martin	4.1
J. Louser	4.
S. Pruesert	3.7
C. Luadtke	4.
R. Krause	4.2
H. Schumacher	4.
J. Vick	3.8
Wm. Hause	3.6
F. Ninneman	3.3
Sam Martin	3.9

Mrs. W. M. Johnson	32
J. Skange	28
E. Field	27
H. Thompson	24
J. Thompson	28
C. Barkerstuen	25
J. Strangstadlien	23
T. Sebion	32
C. Sebion	30
J. Stendel	31
C. Helgeson	30
A. Vangen	24
O. Anderson	31

April 20th, 1906. Creamery located at Fall Creek. P. O., Fall Creek, Eau Claire Co.

	% butter	fat.
A. Kromrey	3.2	
F. Kreuz	3.9	
H. Schroeder	3.7	
H. Stabenow	2.9	
Mrs. F. Kading	3.6	
H. Roessler	3.6	
S. Randal	3.8	
S. Glenz	3.4	
F. Wegen	3.4	
W. Fiske	3.4	
H. Meske	3.5	
L. Becker	3.6	
C. Bartz	3.4	
H. Bahr	3.3	
W. Boetzer	4.1	
W. Flack	3.5	
H. Kromrey	3.1	
W. Hartung	3.6	
R. Zempel	3.6	
J. Kalles	3.2	
F. Kraft	3.4	
R. Wendt	3.2	
A. Britten	3.3	
G. Klingbell	3.5	
A. Schultz	3.6	
C. Schewitz	3.4	
H. Geske	3.4	
F. Westfal	3.7	
W. Kreuz	3.9	
J. Boernke	3.5	
M. Shauer	3.4	
C. Stable	3.9	
P. Pense	3.6	
F. Zempel	3.4	
J. F. Bartz	3.7	
J. Wilhelm	4.0	
C. Conrad	3.5	
F. Glenz	3.0	
F. Puhlman	2.8	
F. Puhlman	3.1	
W. Britten	3.5	
G. Kalles	3.5	
M. Kraft	3.2	
H. Kopplin	3.7	
F. Bonewald	3.5	
A. Gomtze	3.6	

April 18th, 1906. Lanz Skimming Station. Located in country, Clifton township, Monroe Co., Wis. L. H. Schroeder, Manager, Hustler, Wis.

	% butter	fat.
H. Walters	3.8	
F. Stenbock	3.8	
G. Grassman	3.4	
C. McHaden	3.5	
F. Schmidt	3.7	
W. McHaden	4.2	
A. Schmidt	3.6	
E. Cook	3.6	
S. Cook	3.4	
J. Gommudings	3.6	
J. Pitell	3.3	
H. McHaden	3.7	
T. Rusawn	3.6	
J. Mistile	3.8	

April 19, 1906. Creamery located at Coon Valley, Chaseburg Route. D. E. Jeffers, Manager, Coon Valley.

Cream	No. 1.	No. 2.
A. A. Talhaug	22	
A. M. Warnner	29	22
Carl Urabel	28	31
Wm. Hass	28	22
P. Bakken	36	22
L. P. Moe	25	12
C. McLellan	18	26
O. G. Rouken	24	18
O. M. Galstad	19	24
J. Gutten	25	17
A. C. Jacobson	20	17

No. 1 Comp. sample for first half of month.
No. 2 one day's test.

April 19, 1906. Creamery located at Coon Valley, Esofea Route. D. E. Jeffers, Manager, Coon Valley.

	Composite samples.
M. Kentz	28
M. Thompson	31

April 25, 1906. Creamery located at Somers, Kenosh Co. L. H. Fenske, Manager.

	% butter	fat.
Geo. Leet	3.6	
A. Grentz	3.7	
J. P. Larsen	3.7	
Jay Rhodes	3.8	
J. C. Spencer	3.8	

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F. De Line	3.5
Geo. Burges	3.4
A. Andre	3.7
Chas. Dorflinger	3.8
C. Haigh	3.6
H. Bowers	3.5
Chas. Gentz	3.4
M. Hughes	3.6
Mrs. P. Ozanne	3.9
P. Schaffer	3.6
A. Bohm	3.6
M. Gerkie	4.
H. Tabbert	3.3
Jas. Spense	4.
P. Wilson	3.5
C. P. Jensen	3.7
A. Gitsloffs	3.8
C. Peterson	3.5
John Haigh	3.6
Sam Baker	3.8
Wm. Wendland	3.7
Gus. Kahlman	4.
H. Boelter	5.
John Youk	3.7
Wm. Bailey	4.3
Le Roy Bailey	3.9
J. A. Jensen	3.6
Mrs. Hittler	3.4
John De Kuk	3.5
N. Peterson	4.
Lothrop	3.9
J. Eich	3.4
J. Mutchie	3.4
Lyman Strong	3.6

Cream.

Frank De Line	23.
A. Middlecamp	18.

Apr. 25, 1906. Creamery located at Atwater. F. W. Schulz, Manager, Atwater.

	Sp. Gr.
Fred Sager	3.2 1.0295
Chas. Haslow	4.1 1.031.
F. W. Beske	3.1 1.0315
Frank Gritzmacher	3.6 1.031
Aug. Bundt	3.6 1.0295
Frank Beske	3.2 1.0305
Jul. Possin	3.6 1.030
Fred Bundt	3.7
Chas. Bierman	3.4 1.0295
J. C. Miller	3.1 1.0305
Chas. Blank	3.2
Chas. Halbach	3.6
John Miller	3.6 1.0305
John Saravia	3.3 1.031
Fred Witte	3.9 1.0295
Sam Veenhouse	3.2 1.030
Martin & Town	3.4 1.0295
John Dickenson	3.5 1.0295
J. Mullen	3.5 1.0305
E. Port	4.0 1.0295
Fred Zarndt	3.6 1.0305
R. Wagner	3.4 1.031
Gust Schultz	3.7 1.030
Frank Helbing	3.8 1.030
A. Pautsch	3.5 1.031
Joe Barber	3.6 1.0295
Ben Beske	2.8 1.030
Fred Siesten	3.3 1.030
G. Vanderzandt	3.2 1.031
J. W. Witte	3.0
Ed. Helbing	3.6

April 27, 1906. Creamery located at High St., five miles S. W. of Burlington, Racine Co. Manager, Frank Grass, Burlington, R. F. D. 20.

	% butter fat.
T. Tisherman	3.4
John Robers	3.1
F. Brandes	3.6
C. Steffn	3.6
Mrs. C. Eisenbart	3.5
Mrs. T. Beck	3.4
A. Newman	3.5
H. C. Kessler	3.5
H. Wehnhoff	4.
Ben Vos	4.
Joe Ranker	3.5
C. Winkler	3.6
D. Miller	4.1
W. Robers	3.2
C. J. Dipon	3.8
N. F. Newberry	3.4
U. S. Fay	3.6
T. Steffn	3.5
J. Teuhagen	3.8
B. W. Crane	3.3
N. Barbian	2.4
V. Ganz	3.5
H. B. Lais	3.6
J. Protz	3.4
O. K. Olson	3.6
F. Mebele	3.4
T. Smith	3.4
A. Thedie	3.6
J. Wiencheiar	3.4
C. Boschert	3.2
F. Boschert	3.
G. Robers	3.5
J. Breaman	3.2
F. Grass	3.8
B. Kaskin	3.6
F. Reihl	3.4
J. Merbon	3.9
B. Naterford	4.
E. Herda	3.2
E. Rosenhuer	3.4
J. Lais	3.6
J. B. Tanking	3.3

May 2, 1906. Crescent Creamery, E. C. Dodge, Manager.

	% fat.
F. Schultz	3.2 3.1
E. Halfman	3. 3.5
Geo. Engelhart	3.3 3.6
F. Spoehr	3.2 3.
F. Kritzman	3.5 3.5
W. Elbrecht	2.9 3.0
F. Rhobsoky	3.0 3.1
H. Schroeder	3.3
J. Engelhart	3.3 3.2
E. Altenburg	3.4 3.5
F. Albrecht	3.2 3.1
F. Borck	3.4 3.3
Mrs. E. Kasten	3.5 3.1
E. Krakow	3.3 3.2
Geo. Voss	3.3 3.0
Aug. Aultenburg	3.3 3.5
J. Doud	3.3
Mrs. Breitenbach	3.6....
J. Powers	3.3
J. Rhode	3.4

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May 3, 1906. Creamery located at Monterey, Waukesha Co. Moulster & Kent, Managers, Monterey.

	% butter fat.
A. Newman	2.8
P. Rasmussen	3.8
B. Gruelke	3.5
Wm. Travis	3.8
Fay Moore	3.3
H. Martin	3.6
Chris. Kent	3.4
A. Block	3.4
T. C. Forsythe	3.4
H. Nehls	4.1
E. Vroman	3.7
W. Fulmer	3.4
A. M. Ames	3.8
A. Miller	4.4
M. Heathcooke	3.5
A. Ganepke	3.6
C. Stargert	4.
Wm. Klug	3.4
Gus Ganerke	3.6
H. Ganerke	3.6
Cream.	
A. Rasmussen	24.
A. Leisner	26.
George Lawson	28
H. Weege	20.
H. Geudrich	26.

May 3, 1906. Creamery located at Johnson Creek. H. J. Grell, Manager, Johnson Creek.

	% butter fat.	Sp. Gr.
C. Wartwig	3.4	1.032
J. Fink	3.5	1.0328
F. Behling	3.4	1.0326
G. Wendorf	3.6	1.0327
C. Behling	3.6	1.0332
H. Bredlow	3.8	1.0288
C. Else	4.0	1.0315
W. Kottke	3.6	1.029
G. Vogel	3.5	1.023
F. Albert	3.6	1.0318
A. Schenke	2.9	1.0294
W. Paske	3.5	1.0324
F. Raabe	3.9	1.032
A. Klokow	3.3	1.0328
F. Haman	3.6	1.0342
S. H. Strap	3.7	1.0323
F. Milerth	3.7	1.0317
H. Winter	3.15	1.0254
J. Warner	3.5	1.028
J. Weber	4.0	1.0328
W. Gehler	2.8	1.028
A. Wrasse, Sr.	3.5	1.0307
L. Zindars	4.0	1.0312
M. Warner	3.1	1.027
G. Weber	3.6	1.031
T. Baars	3.0	1.0295
H. Schlessner	3.8	1.0315
P. Freutzel	3.6	
P. Lange	3.5	1.0319
Ed. Wolff	4.0	1.0329
G. Beitz	3.7	1.0329
P. Blankenheim	3.5	1.0289
F. Kelling	3.8	1.0309
H. Wesermen	3.2	1.031
C. Kopp	3.8	1.0335
H. Banker	3.4	1.031
A. Jahnke	3.6	1.031
C. Tabbart	3.2	1.032
L. Wiegand	3.2	1.0308
H. Raabe	3.2	

May 9, 1906. Milk tests at Creamery of Geo. Mansfield & Co., Johnson Creek.

	% butter fat.	Sp. Gr.
M. Sindsteadt	3.1	1.0298
C. Schwenkers	3.4	1.031
Fred Will	4.0	1.0297
H. Wesselle	3.7	1.0303
H. Brunk	2.6	1.0279
J. Fisher	3.3	1.0309
W. Kelling	2.8	1.030
H. Hinz	3.2	1.032
O. Assenen	3.2	1.0328
F. Klockan	3.4	1.032
Geo. Knear	3.5	1.0325
Wm. Bleker	3.3	1.0312
F. Grahman	3.0	1.030
F. Behnke	3.4	1.031
H. Stande	3.4	1.031
G. Stande	3.3	1.031
F. Sink	3.6	1.030
H. Baars	3.8	1.0318
J. Klausch	3.4	1.0315
A. Naatz	2.7	1.024
J. Else	3.6	1.0315
C. Mutchler	3.7	1.030
C. Chevetthnerder	3.2	1.0298
H. Raabe		
J. Zibelle	3.1	1.0319
Otto Klausch	3.4	1.031
E. Weber	4.0	1.0307
J. Nelson	4.0	1.0302
J. Sabien	3.2	1.0319
F. Zietler	3.2	1.0301
W. Wildte	3.4	1.030
Fred Ehlert	3.7	1.032
W. Zenke	3.5	1.0313
C. Hanbenschield	4.0	1.032
J. Banker	3.5	1.031
F. Schumaker		
Weiseman	3.6	1.0318
A. Kopp	3.3	1.0346
H. Koltke	3.4	1.030
W. Fetch	3.4	1.030
H. Heith		
J. Gehler	3.1	1.0236
R. Boese		

May 9, 1906. Creamery located at Kansasville, Racine Co. Manager, McCanna & Fraser, Burlington.

	% butter fat.
M. Lavin	3.6
Fred Sander	3.5
Jas. Mc Court	3.9
A. Schwadler	3.6
P. Weber	3.6
W. Burgess	4.5
F. Cox	3.5
John Payne	3.6
A. Jausen	4.1
G. Beecher	3.4
W. Harry	3.8
Cox Bros.	3.8
H. Schroeder	3.7
W. J. Smith	3.8
M. Weber	3.6
Mrs. P. Mc Cormick	3.4
Matt Nelson	4.1
Mary Allen	3.8
P. King	3.4
J. T. Gorman	4.4
R. E. Wilson	4.0
H. J. Smith	3.4
M. Zolenski	3.6
John Jung	3.5
F. Madus	3.4

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May 10, 1906. Creamery located at
Beaumont, Racine Co. Managers, Mc-
Canna & Fraser, Burlington.

	% butter	fat.
Gib Ballack	3.6	
Geo. Beaumont	3.4	
H. Gorman	3.6	
Cox Bros.	3.6	
Thos. Mevin	3.5	
C. Huckstorf	3.4	
John English	3.4	
Thos. Edwards	3.6	
Ed. Hinchcliffe	3.7	
John Boldt	3.0	
Mrs. Hanaford	3.7	
H. Gerber	3.5	
N. Johnson	3.6	
R. Sodka	3.8	
Geo. Ballack	3.5	
Nels Monson	3.6	
L. Lexow	4.3	
F. Buchan	3.3	
John Manns	3.3	
Ed. Graham	3.2	
N. P. Harrison	4.2	
P. Larson	3.8	
Thos. Gibson	3.2	
H. Overson	4.0	

F. Yandra	4.0
M. Schafer	4.0
S. Wagner	3.6
F. Hankey	3.4
J. Henrich	3.2
C. Christoffel	3.6
G. Relzloff	3.3
A. Vaulker	3.4
O. Diekow	3.2
O. Dittman	3.2
Geo. Benthimer	3.1
F. Kasbab	3.7
F. Newcom	3.4
C. Binman	3.4
H. Schrader	3.1
A. Hoyt	3.5
Wm. Finder	4.0
C. Haman	3.3
H. Heler	3.2
C. Mundt	3.6
G. Hahn	3.5

May 11, 1906. Creamery located at
Waterford, Racine Co. Manager, Mc-
Canna & Fraser Co., Burlington.

Test from Composite sample jars
containing samples taken from May 1st
to 11th.

May 10, 1906. Creamery located at
Norway, Racine Co. Manager, Mc-
Canna & Fraser, Burlington.

Test from Composite jars containing
samples taken from May 1st to 10th.

	% butter	fat.
J. Storm	3.4	
C. Stalbaum	3.4	
F. Habercost	3.5	
F. Stalbaum	3.5	
A. Simonson	3.6	
T. Hanson	3.2	
J. Young	3.8	
I. Gerber	3.4	
F. Gerber	3.7	
E. Anderson	3.3	
C. Hanson	3.7	
L. Hanson	3.3	
J. Dall	3.4	
T. Kime	3.6	

	% butter	fat.
Fred Becker	3.9	
Geo. Kortendick	3.5	
John Roesing	3.9	
Mrs. Marlowe	4.3	
H. Frost	3.4	
Theo. Nehls	3.6	
Geo. Hulbert	3.6	
Dr. Chas. Flett	3.1	
F. Wangelin	3.6	
G. P. Albie	3.6	
Fred Koch	3.6	
F. Tindall	3.9	
Joe Huening	3.7	
H. Hallack	3.9	
John Kempkin	3.1	
Nic Beck	3.8	
L. Noll	3.4	
Joe Stormes	3.8	
H. Koetterhagen	3.6	
A. Kipp	3.7	
Mrs. F. Nehls	4.6	
Barney Stark	3.2	
S. Mitch	3.7	
T. Bssman	3.5	
B. Bssman	3.9	
H. Buss	3.7	
Wm. Davis	3.3	
Fred Koechn	3.0	
Fred Laatsch	3.8	
H. Peters	3.3	
L. Geif	3.6	
T. Linneman	3.4	
C. Ludwick	4.0	
M. Buckholtz	3.3	
H. Schroeder	3.9	
Wm. Hart	3.4	
Peter Durst	2.5	
Wm. Glueck	3.2	
Wm. Haas	3.7	
L. Habercost	3.6	
T. Paulson	4.0	
H. Mehring	3.3	
H. Saltzman	3.6	
Fred Hembrook	3.7	
C. K. Johnson	3.4	
H. Antermann	3.8	
Mrs. A. Klemfield	3.3	
E. W. Saltzman	3.3	

May 10, 1906. Riverside creamery lo-
cated at Milford, Jefferson Co.

	% butter	fat.
C. Vandrv	3.4	
C. Schrader	4.3	
E. Warner	3.6	
C. Roglitz	3.4	
E. Sanders	3.2	
J. Zimmerman	3.7	
H. Roehl	3.4	
C. Trieloff	3.2	
A. Wollin	3.4	
C. Wollin	3.8	
Wm. Ziebell	3.5	
F. Rhee	5.0	
H. Nettle	3.1	
E. Schaber	3.6	
F. Strashurg	3.2	
E. Schrader	4.0	
Wm. Tores	3.6	
A. Wendt	3.8	
J. Mansfield	3.7	
T. Ziebell	3.2	

J. Schrenkenberg	3.7
Paul Beck	3.8
Tony Beck	4.1
eter Rauch	3.7
Fred Albright	3.2
e Hanson	3.6
Chris. Quinn	3.6
rs. T. Mealy	3.6
W. W. Johnson	3.4
Mrs. A. Hanson	3.4
John Quinn	3.2
Barney Alby	3.4
Chas. Mealy	3.4
E. S. Kofstad	3.6
A. W. Gernetz	3.9
F. Jennyjohn	3.8
A. Weisner	3.0
Jas. Degrave	3.4
Alaxson Bros.	3.6
H. Kempton	3.5
H. Davis	3.4
F. Johnson	3.5
Val. Young	3.9
S. Thomshon	4.0
Hans Narum	3.5
C. L. Jacobson	3.6
J. Christianson	3.0
Joe Weiner	3.3
Mrs. Ole Larson	3.8
Jas. McMara	3.5
L. Johnson	4.0
Ole A. Johnson	3.5
E. Johnson	3.6
J. E. Johnson	3.5
Ole Johnson	3.7
J. Wolf	3.9
H. Kramer	3.7
Julius Alby	3.6
T. Kramer	3.2
H. Kramer	3.2
H. Weltzein	3.4
L. Honpe	4.0
B. Smith	3.7
Ben Koetterhagen	4.0
H. O. Peterson	3.4
A. Nelson	3.7
H. Beilfuss	3.8
Fred Becker	3.9
John Roesing	3.9
Peter Durst	2.6
Fred Koch	3.6
Dr. Chas. Flett	3.0
John Kempken	3.1
Wm. Glueck	3.2
J. Christiansen	3.0

May 15, 1906. Creamery located two miles northwest of Spenser. Clark Co. Manager, H. A. Marten, Spencer.

	% fat	Sp. Gr.
W. Marten	4.2	1.0324
F. Newman	4.7	1.0313
H. Andre	3.9	1.0323
A. Grenentrog	3.6	1.0309
C. Komstrud	4.0	1.0318
F. M. Pickett	3.2	1.0325
W. Mollenthen	3.3	1.0253
W. Neetz	4.1	1.0313
A. Voelker	3.5	1.0309
F. Mollenthen	3.3	1.0319
A. Manthe	3.8	1.0314
F. Krause	4.2	1.032
A. Tolzman	4.0	1.0315
J. Frank	4.0	1.0309
C. Evert	2.9	1.032

O. Andre	4.1	1.0324
C. Bruss	4.1	1.0313
F. Perrett	3.6	1.0224
A. Lupke	3.5	1.0316
F. Schroeder	4.0	1.031
F. Andler	3.4	1.0327
T. Coop	4.2	1.0307
M. Gregeson	3.6	1.0306
C. Hutchins	3.4	1.033
J. Wilhelmsen	3.2	1.0307
W. E. Cisco	3.7	1.0317
G. Oelrich	3.7	1.0322
H. Canelle	3.2	1.0289
E. Erickson	3.3	1.0302
R. Wilson		1.0318

May 15, 1906. Skimming Station located two miles southeast of New London. Manager, Dabiner & Steffen, Hortonville.

	% butter	fat.
H. Lehman		3.7
A. Lehman		3.8
Foy Bros.		3.6
Thomas Foy		3.6
W. Rusham		3.8
Jas Atchinson		3.8
L. Leach		3.7
O. Elsner		3.7
T. McDermott		3.9
H. Rahloff		3.3
F. Rice		3.4
W. Scook		3.3
T. Lathrop		3.2

May 15, 1906. Creamery located at Peawaukee. Manager, A. B. Hoyt, Peawaukee.

Test from Composite sample jars containing samples taken during first half of May.

	% butter	fat.
Chas. Anderson		4.2
J. Anderson		4.2
J. Brandt	% cream	28.
W. Bartlett	% cream	25.
W. E. Bartlett		4.9
Chas. Bartlett		4.3
Chas. Beaumont		3.7
G. Brager		3.6
R. Behlman		3.4
Mrs. F. G. Clark		4.4
H. Cooper	% cream	22.
Wm. Chapman		3.6
G. Haskins	% cream	22.
A. J. Everett	% cream	25.
A. J. Treyer		4.0
G. Groth		3.9
C. Gebman		3.4
F. Glasson		4.1
Wm. Goshow		4.0
T. Croff		4.5
H. Holgar		3.5
C. Hjogus		3.7
T. Kolander		4.5
M. Klott		4.6
T. A. Kerr	% cream	24.
W. O. Laddell		4.0
C. Tankelass		3.2
F. C. Tankelass		4.0
T. E. Leadley		3.2
T. Bran		4.2
C. Meehle		3.4
Geo. Montz		3.2

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J. Oehmcke	4.0
Wm. Peffer	32.7 % cream
Wm. Ryan	3.6
Wm. Benton	3.7
R. Rigney	3.8
J. Shafer	3.8
N. Shafer	3.3
M. Shields	3.6
H. Nichols	4.3
E. Scholtz, Jr.	4.1
E. Scholtz, Sr.	3.8
J. A. Shields	3.6
F. Shaber	4.2
R. Stubbs	3.6
W. Schneider	4.5
Geo. Taylor	3.7
J. J. Taylor	3.9
W. E. Vance	3.5
S. Vredenberg	3.9
S. Wagner	4.1
J. Wagner	3.5
J. Wiederman	3.7
T. Wood	3.7
T. Williams	3.9
J. R. Williams	25.7 % cream
D. Flanagan	4.4
Mrs. Parker	3.6
Mrs. H. B. Pearson	4.
F. Lankglass	3.9
R. Taylor	4.3
H. Nelson	4.
H. Gehman	3.7
H. F. Schmidt	4.7
Geo. Cooper	3.5
A. Lubeno	3.8

May 16, 1906. Disco Creamery. C. J. Hoeg, Manager, composite cream samples.

Olaf Nelson	24½
Chas. Crawley	21
A. E. Harmer	20½
Geo. Smart	23
Ed. Dale	16
Ole Wold	23

May 16, 1906. Creamery located at Dover, Racine Co. Lundstad and Zacher Managers, Burlington, R. F. D., 18.

	% fat.
Joe. Johnson	3.6
H. Brow	4.1
B. Kiser	3.6
R. O'Neil	3.6
H. Sheard	3.9
R. Sheard	4.
F. Griebell	3.7
F. J. Cunningham	3.
A. Hagemann	3.
F. Miller	3.6
Peter Cunningham	3.1
H. J. Phiringer	3.6
H. Richter	3.4
C. J. Smith	3.6
F. Pratt	3.5
Mrs. Habberhagen	3.4
J. N. Eisenbach	3.6
B. Gleason	3.6
Smith Johnson	3.4
A. Singbuch	3.8
D. McCarty	3.6
John Nicholson	4.
Thos. McKee	4.
S. McCarty	3.6
H. Bowmaster	3.7
A. Smith	3.7

Mrs. L. Bauman	3.6
W. J. Bauman	3.7
Mrs. E. Stanhouse	3.7
John Stanhouse	3.6
James Edwards	3.6
M. Gleason	3.6
S. Katterhagen	4.
J. F. Katterhagen	3.7

May 17, 1906. Creamery located 4 miles west of Lake Mills. E. C. Dodge, Manager, Lake Mills.

	% fat.
A. Budy	3.4
Lourman & Bretsman	2.9
Wood & Morluke	3.0
T. Schuler	3.6
L. Barfknecht	3.1
E. Michael	3.4
Feboch & Fargo	3.7
E. Vaudre	3.2
F. Winter	3.0
T. Jortig	3.5
A. Behm	3.5
H. Korth	3.6
E. Pohlman	3.4
E. Woelffer	3.3
F. Behm	3.5
J. Smith	3.4
C. Meyer	3.2
Feboch Bros.	3.6
O. Neshy	3.5
C. Meske	3.1
W. Hell	3.5
C. Radke	3.2

May 17, 1906. Creamery located at Wilmot, Kenosha Co. C. Rasch, Manager, Wilmot.

C. Frouk	3.8
C. Polotz	3.8
J. Canis	3.6
F. Pagle	3.6
Wm. Elverman	3.3
A. Riege	3.5
C. Grenwald	3.4
C. Mecklenberg	3.4
A. Schoef	3.9
C. Rasch	3.8
O. Liedtke	3.4
J. Memler	3.6
F. Schwartz	3.2
Wm. Elfers	3.5
D. J. Vincent	3.7
F. Stenzel	3.2
R. A. Bufton	3.5
F. H. Sherman	3.7
A. McDougall	3.6
G. Konnisch	3.3
C. G. Harms	3.5
Wm. Busch	3.5
Ias. White	3.8
F. Scott	3.3
A. Herrick	3.8
T. C. Loftus	3.3
Wm. Voel	3.4
F. Hasselman	3.9
C. Kerwin	3.5
T. Barnstable	3.5
L. Ganger	4.0
F. Della	3.7
C. Canis	3.9
J. Elhart	3.5
F. C. Burroughs	3.5

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C. F. Canis	3.1
F. Reynolds	4.5
Wm. Hanke	3.4
C. Blanchard	3.4
Wm. Harm	3.3
W. K. Harm	3.5

Nelson Bros.	3.7	1.0319
N. Jensen	3.9	1.0292
Asleson Bros.	3.5	1.0317
Ed. Nelson	3.4	1.0309
Jac. Vedvig	4.0	1.3028

May 18, 1906. Creamery located at Oakland Center. C. F. Strasburg, Manager, Ft. Atkinson, R. F. D. No. 1.

	% fat.	Sp. Gr.
J. Wendt	3.2	1.032
Mrs. Ward	3.7	1.030
R. Green	4.	1.032
J. Rursh	3.6	1.031
J. Gates	3.8	1.0301
Rauber Bros.	3.3	1.0298
J. S. Haag	3.6	1.030
F. Hupper	3.4	1.031
Wm. Goodchalk ..	4.	1.032
Wm. Felbell	3.4	1.030
J. Wagner	3.6	1.032
Wm. Ward	3.6	1.031
J. Kruger	3.3	1.029
J. Regelein	3.9	1.0319
M. Hettis	3.4	1.030
Wm. Barfknecht ..	3.4	1.029
F. Suder	3.4	1.031
J. M. Porter	3.8	1.031
C. Bemrien	3.9	1.032
E. Treloff	3.4	1.030
Wechler Bros.	3.6	1.0312
C. Prefer	3.8	1.031
S. Benson	4.	1.032
H. Kredeman	3.8	1.032
N. Thompson	3.7	1.031
J. Sanghoff	3.2	1.031
P. Sange	4.4	1.032
N. De Forest	4.6	1.032
J. Kruppner	3.6	1.031
F. Byrow	3.5	1.030

May 18, 1906. Creamery located at Deerfield. H. Quammen, Manager, Deerfield.

	% fat.	Sp. Gr.
G. Dahl	3.4	1.031
A. Bricton	3.6	1.0328
H. Quammen	3.8	1.032
N. Larson	4.4	1.0315
A. Schanck	3.6	1.031
J. Simonson	3.3	1.028
John Redman	3.5	1.0322
T. Storlee	3.5	1.030
Art Christainson ..	3.7	1.032
C. O. Johnson	4.0	1.0315
O. L. Dahle	3.1	1.0294
P. B. Grinde	3.9	1.0332
N. A. Lee	3.8	1.0323
M. Severson	3.8	1.0315
L. L. Nelson	3.3	1.032
C. Bricton	4.1	1.0322
Wm. Zeckyer	3.6	1.0322
Wm. Kroneman	3.8	1.0315
A. Lagreid	4.4	1.0317
E. Elg	4.0	1.0326
H. Birkreln	4.0	1.0315
M. J. Berge	3.6	1.0317
N. Risland	3.9	1.0312
E. Stentjem	3.6	1.0328
M. Anderson	3.7	1.032
H. L. Rohte	4.2	1.0295
M. Mikelson	3.6	1.0328
N. E. Williams	4.4	1.031
L. O. Bricton	3.5	1.0317

Cream

H. Genstad	19
F. Englestad	24
E. Halvorson	20
K. Olson	19
K. Tiesberg	30
A. Stevens	30
O. A. Jargo	23
O. Olson	27
A. Smithback	24
E. H. Jerde	
J. Jensen	19 1/2
M. Severson	27
A. J. Christianson ..	32

May 19, 1906. Creamery located at Rockdale. H. Schempf, Manager, Ft. Atkinson.

	% butter fat.	
H. Seivert	3.3	3.6
H. Hanson	3.6	4.3
O. Smithback	3.5	3.9
T. Larson	3.6	4.0
Ed. Quale	3.5	4.5
S. Braunty	3.5	4.1
O. Prochman	3.5	4.1
O. A. Herrud	3.7	4.0
A. Pepper	3.6	3.9
S. Severson	3.7	4.5
N. Lein	3.5	3.6
J. Johnson	3.5	3.8
J. B. Ingbrichtson ..	3.9	4.0
O. Aije	3.8	
P. Severson	3.6	3.6
C. Mathlison	3.5	3.9
L. L. Severson	2.9	3.0
O. Behling	3.3	4.0
T. J. Anderson	3.4	3.6
T. G. Morn	3.4	3.8
H. Christopherson ..	2.9	3.8
Mrs. Nording	3.1	
H. J. Tellefson	3.4	3.5
J. Koarberg	3.4	
Ed. Bilstad	3.3	3.5
Oscar Anderson	3.8	5.1
E. H. Johnson	3.4	3.9
Vennas & Vennas	3.0	3.5

May 23, 1906. Creamery located at Fountain City. A. E. Gerlach, Manager, Fountain City.

The tests in the first column are from the composite samples now on hand, and average a little less than the tests for the first half of the month as determined by the buttermaker.

	Cream	
C. Henser	18.5	19.5
C. Thevis	16.	18.5
S. Schaffner	23.5	21.
C. Wagner	22.5	25.
L. Fuid	16.	21.
L. Arms	23.	22.
R. Fuid	16.5	18.5
J. Engel	19.5	19.5
J. Senn	23.5	22.
W. Eberhardt	19.5	18.
H. Wolf		16.5
W. Wenger	15.5	16.5
Ed. Grover	22.	20.

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P'helix Hanger	18.5	21.
Geo. Fenling	18.	18.
C. Ratz	17.	17.
Albert Joos	23.	25.
John Abst	21.	21.
A. Duellmann	18.	22.5
J. Duellmann	22.5	22.5
Geo. Engel	19.	19.5
E. Zeichert	17.5	17.
Jac Hagg	18.5	21.
Fred Hagg	22.	21.
Wm. Eder	19.5	22.
A. Engel	21.	21.
H. Duellmann	18.5	20.
A. Bartel	19.	20.
Wm. Wenger	18.	20.
Eng. Schmidt	19.	21.
Ed. Schollmeyer	17.	18.
H. Baures	23.	20.
Steffen Baures	19.5	21.
Anton Fue		16.5
Joe Fue	17.5	19.5
H. Fuelnig	17.	16.5
Wm. Duellmann	20.	20.
John Burt	15.	17.
F. Schettler	17.5	18.5
Albert Reglin	20.	19.
Wm. Reglin	19.	17.5

H. Kratz	3.7
Reesman Bros.	3.7
W. Gerens	3.6
Joe Rowe	3.5
R. Schwadler	3.4
A. Schumaker	3.7
P. Brooks	3.6
J. Kilpatrick	3.6
Sam Prout	3.5
E. Frosh	4.3
W. Dalton	4.
H. Linneman	3.9
J. E. Jackson	3.8
John Willy	4.3
Joe Dodson	3.8
Frank Edwards	4.
John Buss	3.7
Reeseman Bros.	3.7
R. Schwadler	3.6

May 29, 1906. Creamery located at Johnson Creek, Farmington Township, Jefferson Co., Wis. Geo. C. Mansfield Co., Managers, Johnson Creek, Wis.

May 21, 1906 Cheese Factory located in Linden Township, Iowa County, known as the F. Walker Cheese Factory, George Ehrat, Manager, Chicago, Ill.

	% fat.	Sp. Gr.
Frank Walker	3.6	1.0303
A. Larson	3.4	1.030
Geo. Batten	3.7	1.030
Ch. Freman	3.0	1.0304
A. J. Holmes	3.3	1.0302
C. V. Goldman	3.0	1.0304
N. J. Wasley	3.9	1.030
R. G. Carrell	3.1	1.0298

	% fat.	Sp. Gr.
M. Findsteadt	3.4	1.031
C. Schwenhen	3.6	1.0312
Fred Will	4.2	1.0305
H. Wesschle	4.0	1.0312
J. Bogers	3.6	1.0306
H. Brunk	3.7	1.0312
J. Fisher	3.8	1.0306
Wm. Kelling	4.2	1.0325
H. Hinz	3.2	1.0307
O. Assrien	3.9	1.0295
Mrs. Grossert	3.8	1.0308
F. Klockan	3.2	1.0303
Geo. Knear	4.	1.030
Aug. Kuger	3.8	1.0312
Wm. Becker	4.4	1.0316
F. Grahlman	3.5	1.0295
H. Turner	3.8	1.032
F. Behnkr	4.0	1.030
H. Stande	3.6	1.030
G. Stande	3.3	1.031
F. Link	4.0	1.0305
H. Baars	4.	1.031
J. Klansch	3.6	1.032
A. Nanty	3.2	1.0325
J. Eise	3.8	1.032
C. Mutchler	4.1	1.030
A. Groth	4.0	1.033
C. Schmitt Chnieder	4.	1.031
J. Zibelle	3.	1.0312
Otto Kausch	3.9	1.0308
E. Weber	3.9	1.031
J. Nelson	4.2	1.0314
J. Sabien	3.4	1.0306
F. Zietler	3.4	1.0302
W. Wildt	3.6	1.030
F. Ehlert	4.	1.0312
W. Zinkel	3.9	1.0324
C. Hanberchild	3.8	1.031
J. Werner	3.5	1.031
J. Banker	3.8	1.0307
F. Schoenmaker	4.1	1.031
Wm. Gehler	3.8	1.033
W. Weiserman	4.2	1.0306
A. Kopp	4.	1.0314
M. Werner	3.6	1.0308
H. Kottke	3.8	1.031
W. Teich	3.8	1.0217
Aug. Jonke	3.8	1.0308
H. Heith	4.2	1.032
J. Gehler	3.7	1.0314
Theo. Baars	3.4	1.031

May 25, 1906. Creamery located at Rochester, Racine County. McCanna & Fraser Co., Burlington.

	% butter	fat.
H. Lineman		3.9
E. Hofer		3.6
A. Albrecht		3.7
C. Smitana		3.6
T. Clausen		3.7
J. C. Rowntree		4.1
Geo. Rowntree		3.8
J. E. Jackson		3.8
A. Fess		3.8
J. R. Willy		4.4
Joe Dodson		3.9
Mrs. F. Weimers		3.8
John Weimers		3.6
Frank Edwards		4.
North Bros.		4.
Fred Redlin		3.6
John Plucker		3.6
C. Redlin		3.7
Tom Paulson		3.5
H. Baumgart		3.8
Wm. Forman		3.7
John Patrick		3.7
J. Asranall		3.6
John Buss		3.7
A. Gehrand		3.6
F. Smitana		3.6
J. Finan		3.6

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May 29, 1906. Creamery located at Matthews, 5 miles east of Johnson Creek Jefferson Co. Wolfgram and Kiepert, Managers, Helenville, R. F. D., 1.

	% fat.	Sp. Gr.
H. Buske	3.7	1.0311
F. Thorndike	3.6	1.0325
H. Raabe	3.5	1.0325
C. Buske	3.8	1.0315
C. Math	3.4	1.0315
Mrs. Pitzner	4.	1.0316
L. Blase	3.9	1.0305
Mrs. Buske	3.4	1.0315
C. F. Schultz	3.4	1.0315
L. Kottath	3.7	1.0318
Wm. Janke	3.3	1.0317
C. Heime	3.9	1.0321
J. Riese	3.7	1.0315
E. Stande	3.5	1.0316
R. Riebe	3.4	1.0316
F. Polinske	3.5	1.0325
Wm. Buss	3.6	1.0328
Otto Sydow	3.5	1.0315
Ed. Ruske	3.7	1.0312
E. Frank	3.7	1.032
F. Riebe	3.8	1.0306
J. Goodbout	3.	1.0305
A. Starsburg	3.8	1.031
J. Mohr	3.6	1.0306
R. Zastrow	3.8	1.0325
C. Bauman	3.4	1.032
F. Riese	3.8	1.032
R. Stienke	3.8	1.031
Wm. Baker	4.4	1.0312
Wm. Potratz	3.3	1.031
H. Janke	3.6	1.032
H. Korth	3.7	1.0325
G. Polzin	3.6	1.0315
Wm. Otto	3.8	1.0325
J. Kleinsteider	3.9	1.0318
F. Vogt	3.7	1.0325

H. Kipert	3.7	1.033
C. Schiel	3.6	1.0327
H. Streich	3.4	1.0317
A. Giesse	3.6	1.0307
A. Wolf	3.8	1.0317
H. Streich	3.7	1.0317
C. Woldenhewer, Jr.	4.0	1.031
A. Mueller	4.0	1.0316
L. Strech, Sr.	3.6	1.031
J. Hoene	4.1	1.0316
A. Voeltz	4.2	1.032
J. Freitag	3.9	1.0307
C. Wendorf	3.6	1.0327
E. Bushholtz	3.8	1.0316
Ft Schlosser	3.9	1.0307
F. Phelps	3.6	1.0297
C. Quade	3.8	1.0307
J. Heine	3.6	1.0317
John Schlesner	3.6	1.0307
D. Snell	4.0	1.0317
W. Stark	3.8	1.0307
R. Schauer	4.9	1.0317
L. Fink	4.2	1.0306
E. Petreich	3.8	1.0306
L. Streich, Jr.	3.8	1.0315
E. Voss	4.0	1.0315
H. Telke	4.0	1.0305

May 29, 1906. Creamery located at Johnson Creek. H. J. Grell Co., Managers, Johnson Creek.

	% fat	Sp. Gr.
C. Hartwig	4.0	1.0315
J. Fink	3.8	1.032
F. Behling	4.0	1.0315
G. Wandorf	4.0	1.032
C. Behling	3.7	1.032
H. Bedlow	3.8	1.0315
C. Else	3.7	1.032
Wm. Kottka	3.2	1.0325
G. Vogel	3.7	1.030
F. Albert	3.6	1.031
A. Schemke	3.4	1.032
W. Pasche	3.4	1.031
F. Raabe	3.6	1.0315
A. Klokow	3.7	1.031
F. Haman	4.0	1.0315
S. H. Swap	4.0	1.032
F. Willroth	4.0	1.0315
J. Weber	3.9	1.022
A. Wrasse	3.3	1.032
E. Pirkel	3.1	1.033
John Pirkel	3.8	1.032
L. Zandars	3.9	1.0315
M. Werner	3.5	1.031
G. Weber	3.6	1.031
H. Schlessner	4.3	1.030
P. Lange	3.4	1.032
E. Wolf	4.1	1.032
G. Seitz	3.8	1.032
P. Blankenheim	3.4	1.035
T. Kelling	4.6	1.032
H. Weseman	3.1	1.032
H. Banker	3.6	1.032
C. Tabbert	4.0	1.0315
L. Wiesand	3.6	1.032
H. Raabe	3.8	1.031

May 29, 1906. Ayshier Creamery. located three miles east of Johnson Creek. A. C. Christian, Manager. Johnson Creek, Jefferson Co., Wis.

	% fat	Sp. Gr.
C. Behm	3.3	1.0286
F. Rumler	3.9	1.0306
R. Vesper	3.6	1.0306
J. Streich	3.7	1.0306
E. Dohberstein	3.8	1.0308
Wm. Krumhewer	4.2	1.0325
C. Woldenhewer	3.4	1.0305
H. Schumacher	3.9	1.0306
E. Dangr	3.8	1.0306
Aug. Delka	3.2	1.0306
Aug. Rumler	3.9	1.0305
Aug. Kalsow	3.4	1.0298
R. Streich	4.0	1.0307
J. Wolfgram	3.9	1.0317
R. Gehler	3.9	1.0306
J. Else	3.6	1.0306
W. Streich	4.0	1.0306
H. Holzwarth	3.7	1.0308
F. Wallow	4.0	1.0325
H. Krause	3.3	1.0316
A. Holzwarth	4.2	1.0315
Aug. Draeger	3.6	1.0315
W. Helbe	4.2	1.0306
H. Giesel	4.1	1.0316
C. Schlosser	3.1	1.028
P. Schumacher	3.7	1.0307
F. Teschner	3.7	1.0327
A. Draeger	3.5	1.0306
J. Krause	3.6	1.0295

May 29, 1906. Creamery located at Ebenezer. Mansfield, Manager, Johnson Creek.

	Sp. Gr.	
John Witte	3.4	1.032
W. Sherer	3.7	1.0314
H. Ohm	3.8	1.032

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J. Vencens	3.7	1.0326
E. Villitz	3.8	1.0319
W. Linnes	3.7	1.0331
H. Sydon	4.	1.0309
H. Wegner	3.9	1.0334
Max Witte	3.9	1.0317
Mrs. E. Witte	3.2	1.0327
E. Yeak	3.8	1.0325
W. Ulm	4.1	1.033
C. Trachte	3.9	1.0319
E. Rabbach	3.7	1.033
Aug Grulke	3.5	1.0308
Ed. Wiegand	3.4	1.0327
Geo. Shinnick	3.7	1.0328
Wm. Schultz	3.6	1.0342
Aug. Zellege	3.5	1.0325
H. Resen	3.4	1.0327
E. Trachte	3.8	1.0325
M. Bucheach	4.	1.0325
C. Oestrich	3.3	1.0327
Wm Wiegand, Jr.	3.6	1.0319
H. Platz	3.8	1.0327
Aug. Wilke	2.9	1.0353
Mrs. Kofness	3.7	1.0319
H. Petig	4.2	1.0327
Aug. Stark	3.7	1.0328
Ed. Bottler	3.5	1.0327
Wm. Petig	3.8	1.032
E. Last	3.5	1.0325
C. Stark	3.9	1.0326
C. Winters	3.5	1.0337
J. Gilles	3.5	1.034
Wm. Wiegand	3.5	1.0327

May 30, 1906. Creamery located at Clintonville, P. Clinton, Manager, Clintonville, Wis.

		Composite test.
		% butter fat.
C. Folkman	4.	4.1
J. Piehl	3.4	3.6
F. Tanner	3.7	3.8
P. Clinton	3.6	3.8
G. Griffin	3.6	3.6
W. Hintz	3.6	3.9
J. Hoffman	3.5	3.6
H. Krohll	3.6	3.9
B. Katzk	3.6	3.4
Wm. Shinnke	3.6	3.8
F. Wilkens	4.3	3.9
Beckman	2.9	3.6
P. Griswold	3.9	3.8
G. Schinke	4.0	4.2
Elsherry Bros.	3.6	3.6
G. Winkle	3.4	3.5
F. Rohloff	3.5	3.8
F. Noble	3.4	4.3
W. Glass	3.7	3.0
M. Krofft	4.4	3.8
E. Noak	4.7	3.9
R. Tesch	4.0	3.5

Cream.

		% butter fat
J. Robins		30
W. Piehl		34
J. Seidleman		25½
N. Madison		29
J. P. Smith		32
F. Druckhammer		24½
Wm. Lein		27½
Mrs. C. F. Schmidt		23
G. Sutherland		28
J. Catt		26½
Wm. Essman		29½
Irving Girard		27½
J. Lang		25

D. Zick	33
Sackhett	25
J. Bolster	34½

May 31, 1906. Creamery located at South Koshkonong, F. Wescott, Manager, Ft. Atkinson, R. D.

		% fat.	Sp. Gr.
Campbell Bros.	3.5	1.0318	
R. Hummil	3.3	1.032	
McIntyre Bros.	5.1	1.0316	
Mrs. McDonald	4.6	1.0327	
G. Hoge	3.8	1.0325	
H. Lens	3.7	1.0324	
F. Westcott	3.9	1.0336	
L. Hutchins	3.8	1.0281	
Jas. Hobbs	3.9	1.0305	
E. S. Webb	3.8	1.0323	
C. M. Millan	3.1	1.0323	
C. Schiwfolbine	3.8	1.032	
John Welsh	3.7	1.0326	
N. Fields	3.6	1.0335	
A. Schmidt	3.8	1.0316	
H. Tilden	3.8	1.033	
Jas. Flagg	3.8	1.0318	
G. Whitliff	3.9	1.0315	
W. Nichols	4.0	1.0316	
M. Fridel	3.7	1.0319	
B. Kyle	4.4	1.0335	
F. Finger	3.9	1.0316	
C. Mode	3.7	1.0324	
E. McLean	3.5	1.0324	
W. M. Cuen	3.1	1.032	
J. M. Cuen	3.8	1.0329	
N. M. Millan	4.0	1.0318	
J. Hummil	3.3	1.0315	
A. Punyel	4.0	1.0325	
Ed Finn	3.6	1.0312	
D. Sharpf	4.2	1.0296	
G. Mode	3.3	1.0325	
J. A. Smith	3.6	1.0314	
W. Collins	3.5	1.0316	
P. Seifert	3.4	1.0303	
W. Haskell	3.5	1.0325	
R. Crandell	3.4	1.0317	
J. Larkins	3.9	1.0318	
A. Seebe	3.4	1.0317	
W. Stelse	3.7	1.0324	
R. Hand			

Test No. 1. Cream from single day's delivery.

Test No. 2. Cream from Composite sample last half of May.

T. Collins	25	25
J. Downey	30	29
J. Brady	22	22
H. Mani	27	29
E. Godfrey	26	26
W. Armstrong	31	32
A. Worth	31½	30½
T. Tessin	30½	26

May 31, 1906. Creamery located 6½ miles southwest of Watertown. Manager, J. J. Hayes, Watertown, R. F. D. No. 6.

		% fat.	Sp. Gr.
Wm. Coogan		3.9	
A. Ohm		3.5	
W. F. Alrecht		3.2	1.030
E. W. Funk		3.2	1.032
Gus Raatz		3.5	1.032

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John Hughes	3.2	1.031
Wm. Hertz	3.6	1.030
John Noon	3.5	
W. Klokow	3.5	
S. Kelm	3.6	
F. Weber	3.4	1.032
Henry Brueggman	3.4	1.030
F. Schmidt	3.4	
H. Freitag	3.5	
Fred Altenburg	3.4	
E. Thormann	3.5	
Wm. Wolf	3.5	
F. Tehmann	3.4	
A. Engelhart	3.5	
J. Becker	3.5	
Peter Roth	3.8	
R. Zabel	3.6	
J. Stark	3.2	
Wm. Freitag	3.3	
S. Appenfelder	3.4	
J. Schlesner	3.6	
S. Stenke	3.6	
Wm. Altenburg	3.6	
C. Schwenkler	3.5	
R. Drought	3.3	
H. Schroeder	3.3	
J. Roth	3.3	
Mrs. Breidenbach	3.6	

June 6, 1906. Creamery located at Martintown, Green Co., Township of Cady, (village) Manager, John Newman & Co., Elgin, Ill.

	% fat	Sp. Gr.
M. Leck	3.2	1.032
A. F. Sanders	3.8	1.032
Fuller & Son	3.6	1.032
E. Bucher	3.5	1.0325
J. Bobb	4.5	1.030
H. Werth	3.4	1.0325
Weaver Bros.	3.2	1.031
J. Erb	3.6	1.0325
G. Manerman	3.5	1.0315
B. Wekerley	3.3	1.0325
Wm. Busyann	3.6	1.032
S. Larson	3.2	1.0315
L. Gerbitz	4.0	1.0305
G. Gerbitz	4.4	1.0315
M. L. Zettle	3.7	1.0332
N. Allen	4.0	1.0315
E. Kuhl	3.9	1.0304
C. Hoeft	3.3	1.0314
Rtush & Buss	3.6	1.0305
W. Steere	3.8	1.0314
R. Orr	3.4	1.0315
W. Smith	3.7	1.0315
Geo. Lelk	3.7	1.0316
A. Stoldt	3.6	1.0306
F. Stoldt	3.5	1.0306
M. Van Matre	3.7	1.0306
Gearhard & Kahl	4.3	1.0308
Wm. Van Matre	3.4	1.0308
Mrs. L. Busyann	3.8	1.0308
Ells & Dittman	3.5	1.0315
H. Gerbitz	3.3	1.0307
F. Kline	3.4	1.030
J. Black	3.4	1.0297
A. L. Yantcy	3.9	1.0307
M. Oaker	3.7	1.0306
E. Rosenstiel	3.7	1.031
A. Liedshlan	4.0	1.0306
H. Levington	3.6	1.0397
F. Bradford	3.3	1.0319
H. Tienann	3.5	1.0308
J. Sparks	3.7	1.0317
F. Rockow	3.5	1.0302
A. Ritzloff	3.4	1.0319
C. Siegenthal	3.9	1.0317
A. Rockow	3.3	1.031
Rush & Bartlett	3.4	1.030
E. McDaniel	3.2	1.0307
Albert Rockow	3.9	1.0301
C. Macumber	3.2	1.0308

May 31, 1906. Creamery located at Grellton, "Acme No. 2." Manager, J. Hayes, Watertown, R. F. D. No. 6.

No. 1. Test from Composite sample jars containing samples taken during last half of May.

No. 2. Test from day's delivery May 31.

	% butter fat	(1)	(2)
C. Froelich, Sr.			3.6
Wm. Draheim	3.6		
H. Thren	3.7		
H. Baurichter	3.6		
W. Krause	3.8	3.8	
Wm. Schuenke			
Dave Lenz	3.9		
C. Zoern	4.3		
H. Appenfedt	3.5		
L. Zeidler		3.8	
C. Kroening	3.5		
H. Homickle		3.5	
Fred Dettman	3.7		
Mrs. A. Heiden	3.8		
L. Goldback	4.2		
Joe Krause	33%	cream	
Aug. Blank	3.3		
Wm. Eckhart	4.2		
C. Froelich, Jr.	3.6	3.7	
H. Wendt	3.4		
Wm. Dands	3.4		
Gus. Greager	3.4	3.5	
H. Stark	4.3		
H. Kroening	3.9		
Jule Sternke	3.2		
Wall. Broom		3.4	
Sam Broom	3.1	3.2	
L. Hornicke	3.8		
John Dettman	3.7	3.7	
Gus. Uecker	3.8		
Walter Lenz	4.2		
H. Kuehn	3.9		
Gus Fenz	3.7		
E. Eckhart	3.8		

June 7, 1906. Creamery located at North Prairie. Manager, Mike Deneen, North Prairie.

	% fat	Sp. Gr.
C. Shultes	4.0	1.0308
Geo. Miller	3.8	1.0305
J. Haugen	3.3	1.0307
Wm. Cuneen	3.4	1.0315
W. Jones	3.9	1.0295
H. Dable	3.8	1.032
B. Waterman	3.9	1.031
M. Deneen	4.0	1.0268
O. Edwards	3.6	1.0308
D. Jones	3.1	1.032
C. Wiedenhaft	4.0	1.0293
Joe Gibson	3.3	1.0305
John Wrede	17%	cream
D. Wilson	23%	cream

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June 8, 1906. Creamery located 7 miles southwest of Medford. Manager, Peter J. Olson, Medford, R. F. D. No. 3.

No. 1. Test from one day.
No. 2. Composite sample.
No. 3. Composite test of previous month.

	% butter fat.		
	(1)	(2)	(3)
Peter J. Olson	4.6	4.1	4.0
Robert Nystrom	3.8	4.2	3.8
Nels T. Nelson	4.5	3.4	3.8
Cornelius Olson	4.0	3.8	3.9
Jacob Weiland	4.1	3.8	3.8
F. Kausche	3.4	3.2	3.7
Fred Schultz	3.8	3.5	3.4
Walter Boode	4.4	4.0	3.8
Albert Johnson	4.0	3.8	3.9
Wm. Olson	4.1	3.8	4.0
Leonard Nelson	4.0	4.0	3.9
Sylvester Perry	3.5	3.6	3.8
Mrs. Morrow	3.8	3.6	3.6
Peter Syvalkey	3.8	3.8	4.0
Chas. J. Olson	4.0	3.9	4.0
John Opachian	4.4	3.8	3.4
A. Fernald	4.1	4.0	4.0
Fred Zielkey	4.4	3.4	3.6
Fred Simon	3.4	3.6	3.6
John Doberstein	3.3	3.0	3.4
Joe Kranig	3.8	3.8	3.9
Herman Clausen	3.8	3.6	3.6
C. Morrow	4.0	3.8	4.0

June 8, 1906. Creamery located at Pioneer Factory. Manager, Peter J. Olson, Medford.

Cream.	% butter fat.		
	(1)	(2)	(3)
John Rath	38.0	40.0	36.0
John Kohn	29.5	30.5	32.
Otto Mildebrand	26.0	31.5	35.0
C. Kress	31.0	35.0	36.0
Mads Larson	31.0	35.5	32.0
S. Perry	31.0	25.0	21.0
H. H. Wheelock	40.0	39.0	35.0
J. Emmerich	34.0	35.0	34.5
Frank Bauer	32.0	33.0	33.0

June 13, 1906. Creamery located at Prairie Farm. Manager, C. J. Johnson, Prairie Farm.

	% fat.	
	4.0	3.8
Jim Sevals	3.5	4.0
F. Roemhild	3.9	4.0
H. Roemhild	4.8	5.0
J. P. Hoffman	3.9	3.8
L. Luedmer	4.0	3.5
John Deeringer	4.1	4.0
W. M. Clumpner	3.9	3.8
F. Paulson	3.4	4.0
A. L. Best	3.9	4.2
Aug. Miller	4.4	4.0
H. Knutson	3.9	4.0
John Neck	3.1	3.2
H. Helendrick	3.9	3.9
L. Gregerson	3.7	3.6
John Hallenback	3.9	3.8
E. Larson	4.1	3.8
John Iverson	3.3	3.8
J. W. Howard	3.7	3.8
Andrew Anne		

W. C. Downs 3.7 3.8
H. Brauneman 3.9 3.6
W. H. Mower 4.5 3.6

Cream.	
Max Downs	30.5 28.0
A. Howard	32.5 30.0
M. Hanson	30.0 30.0
P. Christensen	28.0 27.0
John Miller	30.0 30.0
John Kahl	33.0 31.0
John Gem	26.5 26.0
H. Allrum	29.5 29.0
H. M. Johnson	36.0 33.0
Mrs. R. Holman	25.0 23.0
John O. Nelson	28.0 26.0
C. J. Johnson	38.0 34.0
St. Anne	32.0 25.0
E. Lophnik	30.5 33.0
O. Ausing	32.0 30.0
H. Ausing	24.5 25.0
C. Stranberg	27.0 25.0
O. Moe	28.0 28.0
J. M. Johnson	38.5 28.0
Andrew Jorgenson	26.5 26.0
A. C. Olson	24.0 22.0
J. M. Rassback	35.5 31.0
Fred Kahl	26.5 27.0
Pet. Miller	28.0 29.0
A. D. Kahl	28.0 27.0
C. Stansbury	25.5 26.0
Nels Stang	32.5 30.0
B. Aaen	33.5 24.0
Geo. Kahl	24.0 31.0
H. Kahl	38.0 30.0
A. C. Christensen	34.0 30.0
J. P. Carlson	23.0 28.0
I. Haugen	29.5 32.0
H. P. Holum	29.5 26.0
David Stang	26.0 25.0
C. C. Schlough	32.5 30.0
Jacob Peterson	29.0 30.0
H. Reetz	41.0 36.0
J. E. Anderson	33.0 24.0
B. Ask	26.0 27.0
E. Goldroy	32.0 32.0
J. Harmon	32.5 38.0
F. Kerschner	19.0 27.0
Ole Eidahl	35.0 30.0
J. Bratten	28.5 30.0
Wm. Harmon	34.5 34.0
John Lieberhere	27.0 19.0
	24.5 24.0

June 15, 1906. Creamery located at Big Bend, Waukesha Co. Manager, McCanna & Fraser Co., Burlington.

Test from Composite jars containing samples taken during first half of June.

% butter fat.	
Sam Kingston	3.6
L. L. Dewey	3.4
Chas. Peck	3.7
J. Jacoby	3.5
F. Lindhorst	3.6
Wm. Rich	3.7
F. Knurr	3.4
Wm. Haas	3.6
Wm. Buckett	3.7
O. Sandewalker	2.8
F. Abel	3.5
P. Maney	4.0
F. McKenzie	3.4
J. K. Fraser	4.2
Mrs. A. Piltz	3.7
K. Goyk	3.3
Mrs. T. King	3.7

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H. Maney	3.8
John Maney	3.6
F. Nevink	3.6
L. Ellarson	3.8
F. Ellarson	3.8
H. Stratton	3.3
P. Jacoby	3.7
Put. Kearney	3.5
Tom Buckett	3.7
H. Smith	3.6
Geo. Buckett	3.6
L. McKenna	4.0
L. Witkofske	3.3
J. Rehberg	3.3
Aug. Kuehl	3.7
Jas. Henneberry	3.9
Geo. Clark	3.4
C. Pilhofer	4.2
G. Pahl	3.6

June 15, 1906. Creamery located at South Koshkonong. Manager, F. Westcott, Ft. Atkinson, R. F. D. No. 4.

	% butter fat.
Campbell Bros.	3.3
R. Hummil	3.5
Mc Intyre Bros.	3.8
Mrs. McDonald	4.2
G. Hoge	3.6
H. Tews	3.3
F. Wescott	4.0
S. Hutchens	4.1
Jas. Hubbs	3.6
B. White	3.9
E. S. Webb	3.6
C. Mc Millen	3.1
F. Schufolbin	3.6
John F. Welch	3.5
A. Schmidt	3.7
H. Tilden	3.8
J. Slagg	3.6
G. Whitleff	3.8
W. Nichols	4.3
M. Fredel	3.8
B. Kyle	2.6
F. Finger	4.0
C. Mode	3.8
F. Mc Sane	3.6
W. Mc Cune	3.0
John Mc Cune	3.0
N. Mc Millen	4.4
John Hummel	3.8
Ed Finn	3.6
D. Scharpf	3.6
G. Mode	3.3
J. M. Smith	3.4
W. Collins	3.5
P. Seifert	3.6
W. Haskell	3.4
R. Crandell	3.3
Jas. Sarkin	3.3
A. Scebbe	3.8
W. Stelse	3.3
R. Hand	3.7
A. Punzel	3.1
Cream	
T. Collins	3.4
J. Downy	2.8
Jas. Brady	2.7
H. Main	3.2
E. Godfrer	2.8
W. Armstrong	2.7
A. Worth	2.9
F. Fessin	3.2 1/2

June 16, 1906. Creamery located at Waterford. McCanna & Fraser Co., Managers. P. O., Burlington.

Test from one day's delivery, June 16, '06.

	% fat	Sp. Gr.	Solids
H. Troast	3.6	1.032	8.72
Theo. Nehls	3.4	1.032	8.68
Fred Becker	3.9	1.031	8.55
Geo. Kortendick	3.7	1.032	8.74
John Roesing	3.7	1.032	8.74
Mrs. T. B. Marlowe	3.8	1.032	8.76
Geo. Hulbert	3.6	1.030	8.22
Dr Chas. Flett	3.4	1.033	8.93
Martin Anderson	3.7	1.0315	8.61
Wm. Pepke	4.5	1.030	8.40
Fred Koch	3.6	1.0313	8.54
F. Tindal	3.6	1.0305	8.34
Joe Huening	3.6	1.032	8.72
H. Halbach	3.8	1.0318	8.71
John Kempkin	3.6	1.0315	8.59
Nick Beck	3.5	1.0312	8.50
L. Noll	3.9	1.031	8.47
Joe Storm	3.8	1.033	9.08
H. Koetterhagen	3.8	1.0318	8.71
A. W. Kipp	3.4	1.0314	8.53
Frederick Nehls	4.	1.0316	8.70
Barney Stark	4.	1.032	8.80
S. Mitch	3.3	1.0313	8.48
T. Essman	3.5	1.031	8.47
B. Essman	3.8	1.0318	8.71
H. Buss	4.1	1.031	8.45
Wm. Davis	3.4	1.0312	8.48
Fred Koehn	3.7	1.0305	8.36
Fred Laatch	3.4	1.0305	8.30
H. Peters	3.7	1.0312	8.54
L. Geif	3.7	1.031	8.51
T. Linneman	3.2	1.0315	8.51
C. Ludwick	4.	1.0315	8.67
M. Buckholtz	3.4	1.030	8.18
H. Schraeder	3.8	1.029	8.01
Wm. Hart	3.5	1.0314	8.55
Peter Durst	3.6	1.031	8.49
Wm. Glueck	3.5	1.0307	8.37
Wm. Haas	4.	1.029	8.35
L. Habbechost	3.8	1.032	8.76
T. Paulson	4.4	1.029	8.13
H. Mehring	3.8	1.0297	8.18
H. Saltzman	3.7	1.031	8.51
F. Hembrook	3.4	1.032	8.68
C. K. Johnson	3.6	1.031	8.49
H. Anterman	3.6	1.0305	8.34
Mrs. A. Kleinfield	3.5	1.0312	8.50
E. W. Saltzman	3.5	1.031	8.47
Theo. Naber	3.9	1.0317	8.70
J. Shenkenberg	3.5	1.0314	8.55
Paul Beck	3.7	1.0318	8.69
Tony Beck	3.6	1.032	8.72
Peter Rauch	3.7	1.0315	8.61
Fred Albricht	3.6	1.0317	8.64
Ole Hanson	3.4	1.0308	8.38
Chris. Quinn	3.6	1.0312	8.52
Mrs. T. Mealy	3.4	1.0312	8.48
O. M. Johnson	3.4	1.0312	8.48
Mrs. A. Hanson	3.4	1.0308	8.38
John Quinn	3.4	1.0315	8.55
Barney Alby	3.8	1.031	8.53
Chas. Mealy	3.6	1.0308	8.42
E. Skofstad	3.6	1.031	8.49
A. W. Garnetz	3.6	1.024	9.32
F. Jennyjohn	3.7	1.0312	8.54
A. Weimer	3.2	1.029	7.89
Jas. De Graves	3.5	1.0314	8.55
Alaxson Bros.	3.6	1.0305	8.24
H. Kempkin	3.8	1.0305	8.38
H. Davis	3.8	1.030	8.26
F. Johnson	3.5	1.031	8.47
Val. Young	4.	1.0305	8.42

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S. Thomson	3.6	1.031	8.49
John Hurning	3.2	1.033	8.96
Hans Narum	4.	1.032	8.80
C. L. Jacobson	3.6	1.0315	8.59
J. Christianson	3.6	1.032	8.72
Joe. Weiner	3.7	1.0315	8.61
Mrs. Ole Larson	3.6	1.0315	8.59
L. Johnson	3.7	1.0305	8.36
O. A. Johnson	3.7	1.031	8.51
E. Johnson	4.	1.030	8.30
J. E. Johnson		1.031	
Ole Johnson	3.6	1.030	8.22
J. Wolf	3.6	1.0318	8.67
H. Kramer	3.8	1.0305	8.38
J. Albey	3.6	1.0305	8.34
T. Kramer	3.4	1.0305	8.30
Herman Kramer	3.7	1.0306	8.39
H. Weltzein	3.2	1.031	8.41
Louis Hoppe	3.7	1.030	8.14
B. Smith	4.	1.030	8.30
Joe De Graves	3.6	1.0315	8.59
Ben Koetterhagen	3.7	1.031	8.51
H. O. Peterson	2.8	1.0325	8.68
A. Nelson	3.4	1.031	8.45
H. Ehrifuss	3.6	1.0306	8.37
John Bennett	3.8	1.032	8.72
Jas. McMara	3.6	1.0333	9.04

C. F. Miller	3.8	4.2
J. Wilhelm	3.3	3.8
L. Wagner	3.9	3.9
L. Goetz	4.1	3.8
C. F. Schultz	3.8	4.0
W. Posinsky	4.7	4.0
N. Roden	4.1	4.0
A. Spaeth	3.8	3.8
W. Vabea	4.4	4.3
W. Schroeder	3.6	3.7
G. Spaeth	4.3	4.0
W. Nagel	3.1	3.2
J. Martinek	3.7	3.8
M. Martinek	4.3	4.2
E. Adam	4.2	4.1
A. David	4.1	4.0
C. Bowen		3.6
P. Geiser	3.9	3.8
J. Smith	3.8	3.7
S. Kiser		
A. Burick		
A. Tandler		
Mrs. Beurgdorf	4.0	3.4
C. Schmitz	3.9	3.6

Cream.

O. Frease	28.	30
G. Lange	31.5	32
J. Laduck	31.	29
T. P. Kovin	34.	33
P. Lancette	37.5	38
J. F. Zimmerman	42.5	44
M. Roberts	28.5	30
P. Tutant	25.5	24
J. Roth	30.	29
J. Agnew	30.5	29
Mrs. Dugal	24.	24
T. Devol	25.	25

June 20, 1906. Creamery located at Cadott. F. L. Munroe, Manager, Cadott.

	% fat.	
P. Dietzler	4.2	4.0
J. Peterson	3.6	3.4
R. Hardy	3.8	3.8
F. Adams	3.8	3.6
W. N. Smith	3.9	3.8
F. Preston	4.2	3.8
J. McGivern	4.0	3.7
Ira Gibson	3.6	3.3
V. Kessel	3.7	3.7
A. Lotz	3.7	3.5
C. Garr	4.0	3.8
S. Grey	3.6	3.6
C. B. Bemis	4.4	4.0
W. Schaler	3.9	3.7
W. Sorg	3.6	3.7
W. Becker	3.9	3.8
J. Donaldson	3.8	3.6
R. Snell	3.9	3.7
M. Peterson	3.7	3.7
L. King	4.0	3.6
A. Boham	3.9	3.4
M. Doyle	3.5	3.6
J. Kubola	4.0	3.7
A. K. Lintz	3.8	3.8
C. Hollander	4.0	3.7

Cream.

C. Birch	27	27
J. Mitchell	37	35
F. Rezabek	24	24
C. K. Millions	24	23
R. S. Monroe	26	25
C. Jones	24	22.5
J. Haag	24	22

June 20, 1906. Creamery located at Cadott. Ed. Hiegel, Manager, Cadott.

	(1)	(2)	(3)
A. Greive	3.9		4.0
J. Goetz	4.8		4.7
C. Spaette	4.0		4.0

June 30, 1906. Creamery located at Silver Lake, Waukesha County. Roach & Seeber, Waterloo.

	% butter fat.	
J. Hill	4.5	
L. A. Barry	3.6	
W. A. Jones	3.4	
L. J. Stone	3.2	
G. Snyder	3.2	
A. Steffen	3.7	
A. Channell	3.6	
C. Van Stine	3.4	
H. Craft	3.7	
F. Rohloff	3.5	
Fidler & Brant	4.2	
W. M. Jones, No. 5.	3.2	
W. M. Jones, No. 3.	4.2	
F. Franks	3.6	
Mrs. A. E. Lowry	3.8	
J. Regular	4.	
C. Kupkufske	4.5	
J. Straiting	5.1	
L. Johnstone	3.4	
F. Kummrow	3.5	
H. Lidicker	4.2	
L. North	3.2	
H. Griffith	4.	
C. Schuman	2.7	
S. Perkins	3.8	
P. Hendrickson	4.	
W. Heilman	3.9	
D. McDonald	3.4	
M. Mathieson	3.7	
R. Neff	3.7	
C. Jackson	4.2	

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June 21, 1933. Creamery located at 2 miles N. W. of Oconomowoc. H. J. Roberts, Manager, Oconomowoc, R. F. D., 27.

	Sp. Gr.
H. J. Roberts	1.0315
R. Lewis	1.032
Wm. Ritzloff	1.032
W. W. Hastings	1.0305
H. Reupnow	1.0315
J. Ehrke	1.0317
F. Schuhmacher	1.032
E. Ganerke	1.031
F. Ganerke	1.0316
E. Williams	1.031
W. Baunman	1.032
W. Moran	1.031
W. Rontoff	1.0315
F. Felkenheuer	1.031
C. Kleist	1.028
E. Reupnow	1.0315
W. Eckert	1.031

June 25, 1906. Creamery located at Raymond Center, Racine Co. Kearney & Roessler, Managers, Jefferson.

	% butter	fat.
A. P. Anderson	4.3	
M. Pasansky	3.3	
A. Boettcher	3.3	
Ben Boettcher	3.6	
F. Burmeister	3.	
Otto Paap	3.8	
S. J. Mahappy	3.5	
J. W. Ash	3.8	
Ed. Bolger	3.9	
Jas. Dawson	4.3	
H. P. Peterson	3.7	
L. C. Christianson	3.8	
Mrs. P. Johnson	4.2	
D. Raney	3.9	
P. Fredrickson	3.3	
M. Mathison	3.6	
Jas. Oyoyan	3.8	
Hans Lear	3.8	
N. Fredrickson	3.6	
F. M. Meyer	4.3	
W. Garbie	3.7	
C. Boettcher	3.9	
Fredrickson Bros.	3.4	
J. Hanson	3.7	
Jones & Scheller	3.6	
Frank Madaska	4.	
Frank Hunter	3.9	
A. Heman	4.2	
Wm. Koenig	3.9	
Geo. Fritchen	4.	
R. Rickhoff	3.8	
N. Peterson	3.8	
H. Burmeister	3.9	
Ed. Hatzel	3.2	
Gus. Gabel	3.8	
H. Hunter	4.2	
Aug. Rickhoff	3.8	
Henry Schmidt	3.6	
L. G. Schmidt	4.3	
Ole Jacobson	3.8	
Jos. McDonald	3.2	
Jas. Hunter	3.6	
Bruce Hunter	2.5	

June 26, 1906. Creamery located at Ennis Creek, Boyceville. John Schutz, Manager, Boyceville.

	% fat	Sp. Gr.
Ed Hart	3.6	1.0279
John Bossardt		1.0316

Chas. Badette	3.2	1.0326
Bert Marlett		1.0326
Henry Smith		1.0315
Fred Karlen		1.0305
John Schutz		1.0315
Fred Schutz		1.031
Jack Zaller		1.031
Jerry Emerson		1.0314
Jake Karlen		1.032

June 28, 1906. Creamery located at Burwood Stock Farm, Milwaukee Co. Manager, Dr. W. H. Earls, Oakwood R. F. D. No. 18.

No. 1. Test from Composite jars containing samples taken from June 16 to 28.

No. 2. Test and Specific Gravity from day's delivery June 28, '06.

	(1)	(2)	Sp. Gr.
J. Van Alstyne	3.2	3.3	1.0315
C. Elbracht	3.5	3.4	1.032
F. C. Meyer	3.7	4.2	1.0312
Jas. Van Ess	3.7	3.9	1.0312
W. Sweltzer	3.7	3.7	1.0318
H. Beuning	3.2	3.1	1.0287
B. Baden	4.2	3.6	1.022
L. M. Schlitz	3.3	3.1	1.0295
Julius Loth	3.8	4.1	1.031
Joe Meyer	3.6	3.6	1.0395
T. H. Schmidt	3.8	4.1	
Fred Krause	3.4	3.3	1.0305
P. C. Clauer	4.1	3.9	1.032
Jacob Clauer	3.5	4.0	1.030
Val Neuman	4.0	3.8	1.0318
Aug. Schwbring	3.3	3.4	1.0307
Ed Schwbring	4.4	4.4	1.0305
Pete Beuning	3.1	3.1	1.029
Jas. Beuning	2.9	3.0	1.0285
P. Kommars	3.5	3.5	1.032
John Acker	3.2	3.5	1.030
C. Freibel	4.1	4.6	1.031
Frank Schmidt	4.0	3.8	1.0312
I. Koepcell	3.5	3.4	1.0315
F. Kasch	3.7	3.8	1.0305
Geo. Baumgart	3.6	3.4	1.031
I. Lynch	3.3	3.4	1.032
Phil. Koelsh	3.6	3.6	1.031
A. Koelsch	3.7	3.7	1.0295
H. Neluman	3.8	4.0	1.031
O. Toepell	3.6	3.6	1.030
Aug. Davitz	3.2	2.9	1.025
Jac. Kleinman	3.5	3.6	1.0313
I. A. Davitz	4.0	4.4	1.021
Theo. Frisky	3.5	3.6	1.032
H. Flintrop	3.7	3.7	1.032
Jas. Kavanagh	3.7	3.5	1.032
M. Dallinger	3.6	4.1	1.030
El. Prochnow	3.5	3.6	1.0315
A. Immisch	3.8	4.0	1.0312
J. Michel	3.6	3.6	1.032
Paul Keske	3.8	3.8	1.0315
Jas. Schmidt	3.8	3.9	1.028
W. Halter	3.9	3.8	1.032
Geo. Kling	3.7	3.8	1.0315
Wm. Algrim	3.8	4.3	1.032
Jnl. West	3.6	3.5	1.0315
W. Trost	3.6	3.6	1.0315
Aug. Traut	3.5	3.7	1.032
W. Guenther	3.6	3.4	1.032
F. Kolbrow	3.8		
J. J. Hawerwass	3.8	4.3	1.0315
A. Grams	3.6	3.4	1.032
Gust Miller	4.0		
Mr. Krohn	3.7	3.8	1.0315

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June 29, 1906. Creamery located at South Koshkonong. Manager, Frank Wescott, Ft. Atkinson, R. F. D. No. 4.

	% butter fat.
Campbell Bros.	3.4
R. Hummil	3.3
Mc Intyre	4.5
Mrs. Mc Donald	4.5
G. Hoge	3.7
H. Tews	3.3
F. Wescott	4.0
S. Hutchens	3.8
James Hobbs	3.8
B. White	3.5
E. S. Webb	3.6
C. McMillen	3.1
F. Schiefolbine	3.6
John F. Welch	3.7
A. Schmidt	3.7
H. Tilden	4.0
J. Slagg	3.5
G. Whiteff	3.8
W. Nichols	3.8
M. Fredel	4.0
B. Kyle	3.5
F. Finger	4.1
C. Mode	3.8
E. Mc Sean	3.7
W. Mc Cune	3.1
John Mc Cune	3.4
M. Mc Millen	4.1
J. Hummel	3.6
Ed. Finn	3.7
D. Scharpf	3.8
G. Mode	3.7
J. W. Smith	3.3
W. Collins	3.6
P. Seifert	3.7
W. Haskell	3.3
R. Crandell	3.6
James Sarkin	3.2
A. Scebbe	3.6
W. Stelse	3.5
R. Hand	3.2
A. Puncel	3.3

Cream.

	per cent.
F. Collins	31
J. Downy	33
James Brady	32½
H. Main	34
E. Godfrey	30½
W. Armstrong	35
A. Worth	28
T. Tessin	36
Skim milk .....	.07
Buttermilk .....	.1

June 29, 1906. Creamery located at New Richmond. Manager, P. K. Utgard, New Richmond.

No. 1. Composite samples.

No. 2. Composite samples from first half of June.

	(1)	(2)
C. Christofferson	4.0	4.0
C. E. Tallmadge	3.6	3.5
G. Zembeck	3.9	4.0
F. G. Revord	3.2	
H. C. Weber	3.9	3.4
H. P. Blake	3.5	3.3
Louis Peterson	3.3	3.3

E. W. Bennett	3.6	3.3
Pat Deveney	3.8	3.5
L. A. Humphrey	3.6	3.7
G. W. Smith	3.8	3.8
J. W. Williams	3.5	3.4
A. J. Lubke	4.1	4.0
Gerhart Freiten	3.3	3.5
A. C. Meyers	3.3	3.3
T. Welch	3.8	3.4
Alf. Tholen	3.5	3.5
W. D. Gowan	3.3	3.8
A. H. Humpurey	3.8	3.4
Mrs. G. Ward	3.2	3.4
L. A. Humphrey	5.1	5.0
John Olson	4.0	3.5
M. Kullen	3.6	3.4
F. A. Delamore	3.9	3.8
M. Olson	3.7	3.8
A. Anderson	4.2	4.1
A. O. Hemmenway	3.2	3.6
Mrs. Flaherty	4.2	4.1
Bunde Bros.	3.6	3.9
Peter Clauson	3.4	

June 30, 1906. Creamery located at Cadott. Manager, Ed Heagle, Cadott.

	% butter fat.
Aug. Grewe	4.1
John Goetz	5.2
Carl Spaeth	4.3
C. F. Miller	4.0
Joe Wilhelm	3.9
John Wagner	4.2
S. Goetz	4.4
C. F. Schultz	4.1
Wm. Posminsky	4.7
Wm. Kreycar	3.9
Nic Roden	4.2
Aug. Spaeth	4.2
Vanzel Vabea	4.6
Wm. Schroeder	4.2
Goe. Spaeth	4.6
Wm. Nagel	3.4
John Martineck	3.6
Mat Martineck	3.9
E. Adams	4.1
A. David	3.9
Chas. Brown	3.8
Peter Griser	4.2
John Smith	3.7
Sole Kaiser	4.5
Anton Burick	4.5
Andrew Tandler	3.3
Mrs. Buergdorf	3.5
Carl Schultz	3.6
Emil Burick	3.8
Geo. Semanko	4.0
Otto Freese	4.5

Cream

Geo. Lange	33.5
Nels Lancour	28.5
J. T. Zimmerman	34.0
Mose Roberts	27.5
Peter Tutant	30.5
James Doucette	32.5
John Roth	28.5
Joe Perlor	26.0
John Agnew	30.5
Phillip Willet	21.0
Sam Devol	24.5
Tom Lancour	28.0
L. Kavin	25.0
Frank Boettcher	20.0
Wm. Cheney	21.0

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Frank Wilhelm	30.5
Ed Heagle	28.0
Mrs. Bentow	31.5
Chas. Schnider	25.5
Joe Kalher	31.5
Smith Wright	33.0

June 30, 1906. Creamery located at Cadott. Manager, F. L. Monroe, Cadott.

% butter fat.	
P. Dietzler	4.2
John Peterson	3.5
Ros. Hardy	3.8
Joe Coney	3.9
C. B. Sadiemeyer	4.4
Frank Adams	3.6
T. Preston	4.1
J. McGivern	4.2
Ira Gibson	3.6
V. Kessel	4.1
Aug. Lutz	3.5
C. Jarr	4.1
S. Gray	3.5
C. B. Bennis	4.4
W. Shaler	3.9
W. Sorg	3.9
W. Becker	4.0
R. Snell	4.0
M. Peterson	3.8
L. King	3.9
Aug. Boham	4.0
M. Doyle	3.7
J. Kabola	3.9
A. K. Lyntz	4.1
C. Hollander	3.8

Cream

C. Birch	27.0
Mitchell	33.0
C. K. Millions	25.5
P. Rezebeck	23.0
R. S. Monroe	26.0
Chas Jones	22.5
John Hoag	24.6
G. Birch	31.0
A. Freese	26.5
C. S. Williamson	39.0
H. Goety	25.5
John Foreman	24.0
Mose Roberts	26.6
Morris Newman	25.0

January 20, 1906. Creamery located at Hustiford, Dodge Co. Wis. Manager, Earnest Bramer, Hustiford, Wis.

% butter fat.	
R. Seeger	4.1
Aug. Bramer	3.3
Aug. Zeitlow	3.4
Aug. Mority	3.7
Aug. Bergman	3.5
F. Tornow	3.7
Wm. Schwantz	4.4
Aug. Vogler	4.0
L. Lerman	2.5
L. Hasse	4.3
R. Seeger	4.1
Aug. Bramer	3.8
Aug. Vogler	3.8
L. Hasse	3.9

January 24, 1906. Creamery located seven miles north of Oconomowoc. Manager, J. J. Reid, Oconomowoc, R. R. 25.

% butter fat.	
M. Flanagan	3.4
S. Counsell	3.5
F. Mointz	3.3
E. Dalton	3.4
J. Kenney	3.4
J. Bonney	3.8
F. Dalaney	4.0
H. Baker	3.5
B. Kearnes	4.0
Wm. Bymer	3.4
J. Fitzgerald	3.3
Wm. Peebless	3.9
S. Pagenkop	4.4
J. Marks	3.8
J. Daley	4.0
L. Skelbrad	3.6

January 24, 1906. Creamery located eight miles northeast of Oconomowoc. Manager, J. J. Reid, Oconomowoc.

% butter fat.	
Wm. Bratz	3.5
George Miller	3.5
Frank Gunderson	3.3
John O' Neil	3.6
Thomas Vincent	3.5
M. J. Shannon	3.8
S. W. Hays	4.0

February 4, 1906. Creamery located at Town Maple Creek, nine miles northeast of New London. Manager, C. A. Jonston, Sugar Bush, Wis.

	% fat	Sp. Gr.	C.S.
H. Hilker	3.4	1.0315	3.5
M. Colkins	3.9	1.0315	4.0
A. Young	5.8	1.0315	5.9
C. Timereck, Jr.	3.8	1.032	4.0
H. Stongraber	4.0	1.0315	4.2
F. Roberts	4.8	1.0285	5.0
W. Boltaz	3.6	1.0304	3.4
J. Bodoh	4.2	1.031	4.4
H. Affett	4.9	1.027	5.0
C. Timerack, Sr.	4.5	1.032	4.5
H. Pape	4.7	1.031	4.5
J. Hoffman	4.2	1.0305	4.4
A. Paul	3.6	1.0314	3.6
P. Young	5.0	1.030	4.0
J. Matz	3.5	1.031	4.4

March 28, 1906. Cheese Factory located 3 1/2 miles northeast of Oconomowoc. Manager, J. D. Reid, Oconomowoc, R. F. D. No. 25.

	% fat	Sp. Gr.
J. Stark	3.5	
B. Ireland	3.2	1.0273
P. Huebner	3.6	
H. Shaw	3.5	
R. Grimm	3.2	1.0314
F. Moore	3.2	1.0315
J. Olwell	3.1	1.0319
J. Brandt	3.4	

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A. Koepke	3.5	
F. Barn	3.3	1.0319
K. Bankennagen	3.4	
J. Watson	3.7	
M. Robinson	3.5	
J. Dudeck	3.5	
A. H. Kowe	3.2	1.0297
James Mc Mahon	3.9	
Dan Mc Mahon	4.3	

April 6, 1906. Trenton Brick Cheese Factory located in country, town of Beaver Lam, Dodge Co., Wis. Manager, Gronert & Peirick, Columbus, Wis.

	% fat	Sp. Gr.
P. C. Baskfield	3.9	
J. M. Gutgesell	3.2	1.031
J. Moyim	4.0	
A. Ganz	4.2	
Fred Miller	3.4	1.030
Fred Miller	3.7	
E. Hoffmann	3.2	1.0305
F. Propst	4.1	
C. Elsar	3.5	
Fred Gutgesell	3.4	1.0305
Wm. Schoenteld	3.8	
John Gutgesell	4.0	
John Seward	4.6	
A. Zenitz	3.5	
Fred Ziemann	3.4	1.0305
P. Beuhl	3.8	
Wm. Dervan	4.1	

April 7, 1906. Zietler Brick Cheese Factory located in country, town of Huttsford, Dodge Co., Wis. Managers, Glauser & Ladrick Co., 267-269 Water St., Chicago, Ill.

	% fat	Sp. Gr.
G. Lindert	3.3	
S. Brauner	3.6	
F. Maritu	3.3	
N. Bohnerstengel	3.4	
W. Haack	3.3	
K. Fahrenking	3.3	
H. Schindelhaner	3.4	
F. Henkel	3.4	
(receiving can No. 2.)		
R. Kraut	3.3	
F. Schultz	3.5	
F. Falkental	3.1	1.0307
H. Fhalke	3.5	
W. Schwant	3.1	1.030
A. Schwan	3.1	1.031
N. Zemeran	3.3	
F. Henkel	3.5	
(receiving can No. 1.)		

April 14, 1906. Cheese Factory located at Twin Bluffs. Manager, Gerald Fitzgerald, Twin Bluffs.

Composite test for two weeks.

	% fat	Sp. Gr.
Barnnett	3.4	
Koerth Bros.	3.4	
Mc Corkle & Son	3.6	
Wm. Brown	4.0	
C. Welton	3.8	
Chas. Hewitt	4.0	

Keller & Mc Collum	3.8
Dick Pauls	3.5
Brathweat & Berger	3.6
Nourse & Co.	4.2
R. Parduhn	3.6
Richard Parduhn	3.4
Jones & Devove	4.4
Hines	4.2
Wm. Keys	4.0
Hapgood	3.3
Mart Kuykendall	3.7
Fred Schuerman	3.2
Peoples	3.3
J. L. R. Mc Collum	3.4
Lou Pauls	3.5
Wm. Bludou	4.0
Alonzo Carter	4.0
Fells	3.8
Fred Reed	3.6
W. F. Brown	3.4
J. E. Welch	3.6
W. M. Cunningham	4.0
F. D. Parduhn	4.0
Carl Stroschine	3.7
Sam Lord	3.3

April 19, 1906. Aldery Brick Cheese Factory located in country, Ashton township, Dodge Co., Wis. Manager, J. J. Reid, Oconomowoc, Wis., R. No. 25.

	% butter fat.
Wm. Reid	3.0
Geo. Miller	3.5
W. Shannon	3.5
A. Bockart	3.3
L. Larson	3.6
S. Hays	3.6
F. Vincent	3.2
J. Coxie	3.2
F. S. Ginderson	3.8
J. Oneil	3.4
J. Reid	3.2
Wm. Reid	3.2
J. Reid	3.5

April 19, 1906. Cheese Factory located at North Road. Frank Bretzman, Manager, Clyman, Dodge Co.

Test of one day's milk.

	% fat.	Sp. Gr.
C. Westenberg	3.3	1.030
H. Westenberg	3.5	1.031
Geo. Weihert	3.4	1.030
R. Schoenike	3.4	1.031
S. Kees	3.4	1.033
W. Williams	3.2	1.031
D. Morris	3.3	1.031
W. Vergenz	3.4	1.0295
A. Scheel	3.3	1.030
H. Goldbach	3.1	1.032
H. Bock	3.3	1.031
R. Irving	3.6	1.031
F. Helling	3.6	1.0315
W. Schultz	3.2	1.0305
Henry Schnuckel	3.2	1.026
C. Christian	3.3	1.031
A. Boelter	3.8	1.0305
J. Neis	3.1	1.030
F. Steuber	3.05	1.030

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April 20, 1906. Cheese Factory located at Mapleton. John Reed, Manager, Oconomowoc, Waukesha County.

Test of one day's milk.

	% fat.	Sp. Gr.
M. Flanagan	3.1	1.0295
S. N. Counsell	3.4	1.0315
F. Mainz	3.3	1.031
Ed. Dalton	3.2	1.0305
J. Kenny	3.6	1.030
J. Bonney	3.4	1.0305
Dalany	3.2	1.031
H. Baker	3.4	1.030
R. Keurnes	3.4	1.031
Wm. Byrnes	3.6	1.031
J. Fitzgerald	3.2	1.030
Wm. Peebles	3.6	1.030
Louis Pagenkopf	3.2	1.031
J. Marks	3.6	1.0295
T. Daley	3.9	1.031
L. Skelbred	3.2	1.0305
A. B. Dopp	3.6	1.031

April 27, 1906. Cheese Factory located at Rockfield. Manager, Phil Kuhn, Rockfield, R. F. D., 1.

	% fat.	Sp. Gr.
Phil Kuhn	3.6	1.030
L. Berg	3.8	1.030
Peter Bast	3.5	1.031
J. Berg	2.8	1.0285
Aug. Scheuneman	3.3	1.030
Jacob Konrad	3.3	1.0295
Chris Stark	2.95	1.0295
Mrs. Geo. Konrad	3.5	1.0295
P. Liesenfelder	3.4	1.030
Joe Kraemer	3.5	1.032
Geo. Poehlman	3.5	1.030
Wm. Griesmer	3.2	1.029
A. Schneider	3.2	1.0305
T. Endlich	3.3	1.0305
Jacob Merten	2.9	
C. Endlich	3.3	1.031
Henry Widder	3.3	1.030
Ben Jacklin	3.5	1.030

May 1, 1906. Cheese Factory located 2½ miles N. W. of Marion. Wis. Manager, John H. Hoepfner, Marion, Wis. R. R. 2.

	% fat.	Sp. Gr.
John Schroader	3.4	1.0297
W. Ebert	3.5	1.0297
W. Radtke	3.6	1.029
C. Byer	3.7	1.031
H. Gollnow	3.8	1.031
A. Radtke	3.3	1.0305
E. Pockat	3.4	1.0305
W. Pockat	4.	1.0313
J. Diecker	2.9	1.0312
W. Anklam	3.4	1.030
Mrs. H. Drager	2.8	1.0291
H. Buss	3.2	1.0303
D. Westerman	3.7	1.0304
A. Weisman	3.9	1.0314
G. Mielka	3.1	1.0285
W. Stuart	3.5	
H. Schroader	3.5	1.0305
F. Strehlow	3.8	1.0304
Otto Radtke	3.2	1.0295
H. Kilveter	3.8	
F. Buss	3.5	1.0305
W. Westphal	3.5	1.0305

May 3, 1906. Cheese Factory located at Leopoldis, Wis. W. M. Werth, Manager, Leopoldis, Wis.

	% fat.	Sp. Gr.
M. Brunner	3.2	1.0293
Joe. Stodola	2.8	1.023
A. Reetz	2.9	1.0287
H. Sack	3.4	1.0311
L. Paiser	3.4	1.0312
D. Steinke	3.5	1.030
H. Schroeder	3.8	1.0295
Joe Cerveny	3.7	1.0295
Jas. Paiser	3.2	1.0311
G. Sazama	3.5	1.0311
C. Steinke	3.6	1.0303
A. Janske	3.9	1.0302
A. Hubner	4.	1.0302
Joe Kadletz	2.9	1.0321
Albert Ready	2.9	1.0281
H. Mitchel	3.2	1.0302
E. Schwartz	2.7	1.0288
C. Schwartz	3.3	1.0311

May 4, 1906. Cheese Factory located at Leopoldis, Wis. Joseph Stemper, Manager, Leopoldis, Wis.

	% fat.	Sp. Gr.
T. Stemper	3.8	1.0301
John Poonke	3.2	1.0315
W. Poppe	3.6	1.031
Joe Kodoza	3.7	1.0292
W. Gehnnon	3.4	1.031
Joe Brunner	3.6	1.0311
John Kodzo	3.6	1.0285
C. Horborth	2.8	1.031
P. Peterson	4.	1.030
F. Zeman	3.3	1.0261
Joe Ashenbener	3.8	1.0311
John Kodlets	3.2	1.032
John Pleson	3.3	1.030
Joe Pevonke	3.1	1.0305
S. Stefl	3.6	1.0304
E. Steinke	4.2	1.0305
S. T. Stefl	4.5	1.0302
Jacob Ceverny	3.5	1.0301
D. Konkel	3.3	1.0311
C. Kronger	3.4	1.0295
G. Sourck	2.7	1.0273
John Krestof	3.4	1.0304
F. Reiter	3.6	1.029
Jas. Drudik	3.2	1.030
B. Butt	3.4	1.0302
Frank Kutil	3.8	1.029
Jas. Souseck	3.5	1.028

May 5, 1906. Griesmer's Farm located in country, township of Germantown, Washington Co., Wis. Manager, Wm. Griesmer, South Germantown, R. F. D. No. 1.

Morning milking.

	% butter	fat.
1 Cow		3.3
2 Cow		3.0
3 Cow		3.6
4 Cow		2.9
5 Cow		3.2
6 Cow		2.1

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May 5, 1906. Stark's Farm located in country, township of Germantown, Washington Co., Wis. Manager, F. G. Stark, Rockfield, Wis., R. F. D. No. 1.

Morning milking.

Cow Test		% butter fat.	
No.	No.		
1	8	Cow	3.8
2	9	Cow	3.4
3	10	Cow	3.2
4	11	Cow	2.4
5	12	Cow	3.0
6	13	Cow	3.2
7	14	Cow	5.1

May 31, 1906. Samples submitted by F. W. Schulz, located at Atwater. Manager, F. W. Schulz, Atwater.

	% butter	fat.
Fred Witte	4.2	
E. Part	4.0	
Fred Zarndt	2.9	
R. Wagner	4.0	
G. W. Witte	3.8	
G. Vanderzandt	3.9	

May 8th, 1906. Cheese Factory located at Black Creek. Chas. Hagen, Manager, Black Creek, Wis.

	% fat.	Sp. Gr.
M. Eberhart	4.2	1.030
H. Simpson	4.1	1.030
J. Huhn	3.6	1.0301
W. Hawes	3.6	1.0306
F. Krull	3.6	1.0286
Jas. Brandt	3.7	1.031
F. Woehler	3.9	1.0301
F. Marks	4.	1.0295
J. Gregorius	3.8	1.0304
J. Reuter	3.3	1.0302
J. Hoehler	3.6	1.030
F. Huse	4.	1.0312
August Rahn	3.2	1.0306

May 9, 1906. Combined Creamery and Cheese Factory located 1 1/2 miles N. W. of Black Creek. Manager, E. Grunigan, Black Creek, Wis., R. 34.

	% fat.	Sp. Gr.
J. H. Sassman	3.6	1.031
E. Burgman	3.7	1.0312
A. Duhm	3.4	1.030
Wm. Kronz	3.6	1.0308
J. Hanchrome	3.3	1.0316
C. Milchsunth	3.2	1.0308
H. Sassman	3.4	1.032
H. Kronz	3.3	1.0312
A. Rogers	4.	1.0312
H. Stittgan	3.2	1.031
P. Fitzgerald	3.7	1.032
Wm. Behl	4.	1.0315
J. Fitzgerald	3.6	1.032
Gust Kringle	4.	1.030
M. Schraaer	3.3	1.0316
R. Long	3.8	1.0325
E. Haas	2.7	1.0255
Wm. Fitzgerald	3.6	1.0315
G. Sassman	3.9	1.0305

W. Kettner	4.	1.0312
M. Magaurin	2.4	1.033
Herman Sassman	3.4	1.0315
Joe P. Kronz	3.7	1.0315
G. Beyer	4.1	1.0315
J. Harty	3.8	1.0311
G. Ratkie	3.5	1.030

May 10, 1906. Cheese Factory located 3 1/2 miles north of Black Creek. Owen Failey, Manager, Black Creek, Wis., R. No. 34.

	% fat.	Sp. Gr.
F. Wickman	3.2	1.031
F. Granzel	3.1	1.0303
F. Barth	3.3	1.030
W. Wolf	3.8	1.0307
L. Wilson	3.5	1.0311
H. Krull	3.4	1.0305
J. Blake	3.4	1.030
H. Pasch	3.1	1.0302
J. Fisher	3.4	1.0325
H. Youngs	3.8	1.0315
J. Little	3.7	1.030
W. Blake	3.2	1.030
W. Reise	3.1	1.0302
W. Klarner	3.6	1.031
H. Bartz	3.2	1.030
W. Neift	3.5	1.0315
F. Neift	3.8	1.0312
C. Herman	3.	1.030
Blake Bros.	3.6	1.0312
T. Mernischmidt	3.2	

May 10, 1906. Creamery located at Cherry Hill. John Ried, Manager, Oconomowoc.

	% fat.	Sp. Gr.
Myron Maricle	3.5	1.031
Tom Nelson	3.8	1.031
Louis Young	3.6	1.0305
Anton Goetz	3.5	1.0305
Peter Weber	3.2	1.031
Chas. Lepen	3.5	1.031
Joe Sass	3.8	1.030
Ben Ruschke	3.5	1.0315
Fedo Alber	3.8	1.030
Jim Campbell	4.0	1.0305
Ed. Christopherson	3.1	1.031
Nic Klink	4.	1.031
Jim Collins	3.5	1.030
J. M. Christensen	3.9	1.031
Tom Hanrahan	3.4	1.0305
John Sullivan	3.8	1.029
Louis Yahr	3.2	1.031
Frank Redden	4.0	1.0285
Geo. Bahringer	3.1	1.0305
A. G. Hutchison	4.2	1.031
Mrs. Mary Thompson	3.3	1.030
Geo. Bertz	3.4	1.0305

May 11, 1906. Cheese Factory located at 3 miles south of Schleisingerville. Bruno Zimmerman, Manager, Schleisingerville.

	% fat.	Sp. Gr.
A. Endres	3.6	1.0305
F. Becker	3.7	1.029
Wm. Kuhaupt	3.4	1.029
G. Zoemisch	3.8	1.029

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H. Kalschener	3.8	1.0305
H. Eissner	3.0	1.030
J. Eissner	3.6	1.0295
M. Zimmer	3.2	1.028
Mrs. J. Harther	3.7	1.0295
Joe Held	3.6	1.0305
B. Zimmerman	3.5	1.030
Nic Feider	3.1	1.029
Jack Kalschener	3.7	1.030
John Mayer	3.0	1.031
P. Becker	3.4	1.031
Ph. Malsack	3.3	1.029
P. Konrath	3.0	1.031
Joe Eichel	3.0	1.029
A. Bertz	3.4	1.030
P. Weyer	3.5	1.032
G. Herther	2.8	1.026
H. Ise	3.8	1.029
R. Mayer	3.0	1.0301
Joe Wagner	3.4	1.0305
Wm. Wenzel	3.4	1.030
Carl Wenzel	3.2	1.030
Carl Rexcuellner	3.4	1.029
Carl Guernrdt	3.6	1.0295
N. Kreutz	3.5	1.0295
John Held	3.6	1.0305

May 11, 1906. Cheese Factory located at Seymour. L. C. Larsen, Seymour, Wis., R. 35.

	% fat.	Sp. Gr.
C. Thomas	3.5	1.0315
Aug. Able	3.2	1.0305
W. M. Roloff	3.	1.0303
W. M. Schroder	3.4	1.0305
D. Burmeister	3.4	1.0302
Edd. Yaeger	3.	1.030
Orvall Johnston	3.1	1.0313
Mrs. C. Court	3.4	1.0293
William Able	2.6	1.0316
F. Kunstman	3.2	1.029
A. Jeske	2.9	1.030
A. McMullan	2.7	1.0316
L. Sherman	3.5	1.0317
Wm. Kunstman	3.5	1.0307
D. Sherman	3.5	1.0308

May 12 1906. Cheese Factory located 6 miles south of Bangor. C. Andregg, Manager, La Crosse, R. R. No. 1.

	% fat.	Sp. Gr.
D. Schroder	3.4	1.0304
J. Hatz	3.5	1.0314
F. Blinn	3.6	1.031
J. Morgadant	3.8	1.0312
M. Anderson	3.1	1.031
H. Nerstein	3.1	1.0302
A. Anderson	3.0	1.0306
G. Peterson	3.4	1.031
H. Peterson	3.0	1.0315
P. Elsen	3.0	1.031
R. Schroder	3.2	1.0314
Jacob Fried	3.4	1.031

May 22 1906. Bohan Cheese Factory located 3 1/2 miles north of Norwalk. C. Z. Graggen, Manager, Norwalk.

	% fat.	Sp. Gr.
J. Steinhoff	3.9	1.0314
G. Bohn	4.0	1.0316

M. Sieglar	4.2	1.0316
John Steinhoff	4.0	1.0312
G. Haas	4.4	1.0312
I. Hedrich	3.8	1.0314
F. Rapp	3.8	1.032
J. Sieglar	3.7	1.0316
C. Geogheon	3.8	1.0316
A. Ebert	3.9	1.0312
F. Seemon	3.9	1.0305
F. Schaller	4.0	1.0316
A. Woodliff	3.4	1.0324
J. Flaig	3.7	1.032
R. Martin	3.8	1.0312
J. Neil	3.7	1.0324

May 23, 1906. Cheese Factory located 12 miles north of Seymour. J. B. Lintzmeier, Manager, Angelica, Wis., R. 1.

	% fat.	Sp. Gr.
A. Klopotek	3.8	1.0315
M. Jarock	3.9	1.0306
P. Byczek	3.7	1.0307
T. Kospicewicz	4.	1.0306
L. Ignaski	3.2	1.0305
H. Luecke	3.9	1.0306
F. Debowiski	4.8	1.0305
F. Muck	3.6	1.0316
A. Garback	3.4	1.0306
J. Piersz	3.8	1.0315
L. Johnson	3.5	1.0314
F. Machowiak	3.5	1.0305
V. Kuczek	3.9	1.029
S. Homml	3.4	1.0291
J. Kizior	2.7	1.0305
J. Tolksdorf	3.3	1.0307
J. Szyllinski	3.0	1.0296
C. Szymanski	3.6	1.0306
A. Polgynski	4.0	1.0296
Sina Thomson	4.2	1.030
M. Plogynek	3.3	1.0297
F. Banaszynski	3.7	1.0306
J. Raymond	3.6	1.0315
J. Czarniak	3.5	1.0307
J. Paysa	4.	1.030
J. Johnson	3.7	1.0295
Wm. Banaszynski	3.5	1.0306
J. Siwek	3.8	1.0305
P. Stanka	3.5	1.0305
M. Katch	3.7	1.0305
L. Spakowicz	3.7	1.0297
Wm. Knapowski	3.8	1.030
F. Robaidek	3.7	1.0307
A. Lasikowski	3.9	1.031
J. Banaszynski	3.3	1.030
M. Dutkiewicz	3.	1.0316
M. Wasielewski	3.4	1.030
A. Nichol	3.6	1.0315
A. Malinski	3.8	1.0305
M. Nowicki	3.6	1.0305
B. Kawalski	3.2	1.0303
Mary Kasprek	3.4	1.0315
A. Duszynski	2.8	1.0317
J. Glowinski	3.1	1.0263
J. Czarniak	3.3	1.030
L. Hotkiewicz	3.7	1.0293

May 26, 1906. Cheese Factory located 5 miles south of Richland Center. Ben Radel, Manager, Richland Center.

	% fat.	Sp. Gr.
J. H. Demmer	3.6	1.032
Allen Adams	3.7	1.032
W. H. Wilson	3.3	1.0315

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Wm. Emshoff	3.5	1.0315
Henry Berger	3.8	1.0305
E. G. Mayfield	3.5	1.032
Mrs. Klousie	3.5	1.032
Henry Emshoff	3.6	1.0305
John Shedeve	3.4	1.030
Wm. Segrist	3.5	1.032
J. H. Persinger	3.3	1.031
Emil Bladeau	3.7	1.0315
Milo Mayfield	3.4	1.0315
Fred Klenzing	3.2	1.032
Fred Seneka	4.0	1.030
Wm. Davis	3.5	1.0315
Geo. Radel	3.4	1.0305
W. F. Keifer	4.2	1.031
Curt Flamme	3.6	1.0315
John Keller	3.8	1.032
Frank Demmer	3.6	1.0325
Henry Flamme	3.4	1.032
Geo. Hanold	3.6	1.0315
Dan Flamme	3.6	1.0325

May 26, 1906. Cheese Factory located at North Porth, Wis. C. A. Johnson, Manager, North Porth, Wis.

	% butter fat.
J. Jennings	3.8
H. Smith	3.5
H. Paap	3.5
C. Miely	3.6
J. Zoringer	4.2
F. Carver	3.4
H. Smith	4.1
Mat Mayo	3.8
J. Carey	3.4

May 30, 1906. Cheese Factory located at Middle Ridge. C. Andregg, Manager La Crosse, Eagle Hotel.

	% fat.	Sp. Gr.
M. Schmitz	3.6	1.032
L. Schmitz	4.0	1.030
W. Elsen	3.8	1.0314
J. Schmitz	3.8	1.0314
P. Antoni	3.6	1.0312
J. Bedersen	3.3	1.0304
J. Fischbad	3.0	1.032
J. Maskat	3.5	1.0318
L. Newburg	3.0	1.027
W. Hintgen	3.7	1.0314
F. Ciser	3.0	1.027
J. Fiebeg	3.7	1.0316
J. J. Burbead	3.1	1.0305
M. Repke	3.8	1.028
J. Reuter	3.0	1.0318
H. Murren	4.0	1.0316
J. J. Burbead	3.6	1.032
C. Sieger	3.1	1.0302
M. Elsen	4.0	1.032

June 1, 1906. Cheese Factory located 4 miles south of Hartford. John Winker, Manager, Merton.

	% fat.	Sp. Gr.
J. Lohr	4.0	1.0295
J. Rode	3.6	1.032
H. Buth	3.6	1.032
J. Hamms	3.9	1.031
C. Hoefs	3.5	1.031
J. Schwamp	3.2	1.031

M. Mittlestead	3.6	1.0315
C. Kisling	3.4	1.032
C. Roemer	3.0	1.0305
G. Rattenbach	3.4	1.0311
A. Lepin	3.2	1.0315
W. Lepin	3.8	1.032
C. Foelske	4.0	1.032
v. Tesch	3.2	1.0315
P. Zurn	3.7	1.031
W. Schauer	3.7	1.0315
E. Buchley	3.5	1.031
F. Uber	3.8	1.031
E. Lepin	4.3	1.032
A. Roemer	4.1	1.0315
Mrs. J. Gerndt	3.5	1.0315
J. Radke	3.6	1.032
B. Radke	3.2	1.032
C. Koch	3.2	1.032
J. Lischka	3.7	1.029
Mrs. W. Roemer	3.8	1.0305
W. Mittlestead	3.4	1.032
P. J. Lohr	3.4	1.0315
Peter Lohr	3.9	1.031
G. Pfefferkorn	3.6	1.0315
J. P. H. Lohr	3.8	1.032
C. Tesch	3.6	1.0295
John Lohr	3.5	1.0315
F. Roemer	3.6	1.032

June 2, 1906. Cheese Factory located 1 mile north of Clintonville. Chas. Turk, Manager, Clintonville.

	% fat.	Sp. Gr.
J. Nath	3.7	1.0305
C. Vandawaker	3.6	1.0325
C. Turk	3.3	1.031
T. Seifert	4.0	1.0308
A. Weinfelt	3.7	1.0315
W. Rosnow	3.8	1.031
G. Heidke	3.5	1.032
Theo. Fillnow	2.2	1.033
G. Borchert	3.4	1.0311
J. Kuehl	3.2	1.030
John Kutz	3.2	1.0295

June 6, 1906. Cheese Factory located 6 miles N. E. of Marshfield. H. Wohlfahard, Manager, Marshfield, Wis.

	% fat.	Sp. Gr.
Chas. Zahn	3.6	3.5
Aug. Kleir		3.8
Emil Schalock	3.8	3.8
A. Harris	3.8	3.5
Albert Walot		3.8
C. Luchterhand		3.5
H. Bilgreis	4.0	4.2
O. H. Giles	4.2	4.2
F. Zoellner	3.9	3.8
Otto Klein	3.8	3.4
Wm. Schultz	4.0	3.7
C. E. Friday	3.6	3.4
H. Hahn	3.8	3.7
Frank Luchterhand	3.8	4.0
Albert Radtke		3.6
Louis Zimerling	4.2	3.6
Aug. Luchterhand		4.2
Chas. Weaber		4.2
Gust Schalock		3.8
Otto Schalock	3.8	3.9
Adam Bach	3.8	3.6
Wm. Kranter	4.2	3.8
Paul Schubert	4.1	3.8
R. Koleil	4.0	3.8
Julius Hass	3.6	3.8
Fred Dethlopp	4.0	

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June 6, 1906. Cheese Factory located at Juneau. Melcher Bros., Managers, Juneau.

	% fat.	Sp. Gr.
H. Sommerfeldt	4.0	1.0295
A. Goetsch	4.0	1.0315
C. Vergenz	4.1	1.0315
Aug. Gronert	3.8	1.0305
H. Schultz	4.0	1.0305
Bob. Zastrow	3.7	1.031
Al. Essman	3.7	1.035
Peter Neise	3.8	1.031
A. H. Busewitz	3.6	1.031
John Rohda	3.0	1.0325
Frank Ohmsted	4.0	1.0315
Wm. Luehke	3.6	1.029
Al. Bertely	3.1	1.027
Coon Bros.	3.7	1.029
H. Kollath	3.4	1.032
H. Webber	3.3	1.0315
C. Beaberman	3.6	1.0306
Wm. Stinebring	3.6	1.0306
Fred Dregger	4.5	1.0307
Wm. Schroeder	4.0	1.0305
H. Schmoeling	3.7	1.031
John Reul	3.6	1.032
Bob. Meitzel	3.6	1.032
E. Harter	3.6	1.032
Aug. Seiferd	3.4	1.031
Julius Seiferd	3.4	1.030
Al. Schrop	3.6	1.032
County Farm	3.8	1.0318
H. Volkman	3.4	1.029
F. W. Green	4.8	1.032
C. F. Arnold	4.4	1.0318
T. J. Barry	4.0	1.031
J. Nash	3.7	1.0315
Eugene Kirkham	3.7	1.030
A. Empke	3.8	1.029

June 7, 1906. Cheese Factory located three miles west of Beaver Dam. Manager, Jacob Jossi, Watertown.

	% fat.	Sp. Gr.
Gottlieb Schultz	3.2	1.031
C. Hafemeister	4.6	1.031
J. Deniger	3.8	1.030
A. Miller	3.2	1.0315
Wm. Bredlow	4.0	1.031
C. Michael	3.8	1.031
G. Freitag	3.0	1.0315
C. Starkweather	3.6	1.031
O. Zuelke	3.4	1.031
Geo. Stegner	3.6	1.0285
E. Binder	3.4	1.030
A. Genrich	3.7	1.031
J. Baltzherger	3.5	1.0305
M. Tischler	3.8	1.029
A. Ludwig	3.5	1.032
J. Jackman	4.2	1.031
F. Yaroch	3.9	1.031
J. Stellmacher	3.7	1.031
F. Ellis	4.0	1.031
C. Sidow	3.5	1.0315
Mrs. C. Kaiser	3.7	1.0305
A. Mc Millan	4.7	1.029
E. Schreiber	3.7	1.031
Fred Pushert	3.6	1.029
Theo. Hinzman	4.2	1.0315

June 8, 1906. Cheese Factory located four miles east of Fox Lake. Manager, Aug. Westphal, Neosha.

	% fat.	Sp. Gr.
Joseph White	3.8	1.0205
Ernest Grams	4.0	1.030
Emil Koettke	4.0	1.0305

Wm. Doering	3.7	1.030
Wm. Messer	3.4	1.032
Andrew Messer	3.6	1.031
Louis Messer	4.2	1.031
Andrew Frank	3.8	1.031
John Stinhardt	2.8	1.031
Robert Steinkraus	4.0	1.029
H. Heires	4.0	1.031
Aug. Woodc	3.9	1.031
E. D. Gibbs	3.8	1.0305
L. L. Lunison	4.2	1.0315
Henry Mularch	3.3	1.0325
Julius Kuehl	3.6	1.032
Julius Kuehl	3.8	1.032
D. M. Clark	3.0	1.032
Frank Schmidt	3.4	1.0315
John James	4.5	1.030
John Lyons	3.5	1.030

June 12, 1906. Cheese Factory located five miles northwest of Black Creek. Manager, J. A. Koehler, Black Creek, Wis..

	% butter fat.
Wm. Wagner	3.4
Albert Oito	3.8
Joseph Gnigl	4.2
Peter Gurtis	3.2
Wm. Obrian	3.2
J. Jeltzer	3.0
E. Pierce	3.2
A. Gerhart	3.6
F. Paradise	3.3
P. Vanderhof	3.4
F. Sumnicht	3.3
R. Grandy	3.1
L. Wagner	3.8
Mc Mullan	3.0
J. Curtis	4.0
Edd. Cance	4.5
F. P. Miller	3.8
L. H. Coly	3.6
J. J. Curtis	3.4
Jas. Maine	2.9
A. Roloff	4.2

June 14, 1906. Cheese Factory located at Schulsburg. Manager, N. H. Look, Schulsburg

	% fat	Sp. Gr.
John Dougherty	3.3	1.0315
John Harty	3.2	1.0325
John Frebelcock	3.5	1.0315
Skewes Bros.	3.4	1.033
Fitzgerald Bros.	3.2	1.0325
Mike Fitzgerald	3.4	1.0325
R. Dunn	3.0	1.0315
Thos. Doyle	3.5	1.0315
H. Bowden	3.6	1.032
Jas. Mills	4.0	1.033
John Stevens	3.3	1.032
Thos. Cherry	3.1	1.0325
R. Simmons	3.5	1.0317
John Lyne	3.4	1.0295
A. Aurt	3.5	1.032
H. Noe	3.2	1.0325
Tom Traverce	4.0	1.0325
Martin Foley	3.2	1.032
H. Wagner	3.2	1.0325
Tom Harty	3.3	1.0325
H. Moore	3.4	1.0315
Morris Foley	3.4	1.031
J. & J. Kelley	3.2	1.0325
R. Foley	3.2	1.031
B. Hendrickson	3.1	1.0315

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G. Kelly	3.3	1.032
Jas. Rowe	3.2	
Wm. Kane	3.5	1.0325
Bob Weaver	3.3	1.0325

June 15, 1906. Cheese Factory located four miles northeast of Livingston. Manager, Wm. Reynolds, Livingston.

	% fat	Sp. Gr.
Wm. Reynolds	3.4	1.0315
Geo. Hugill	3.2	1.0325
Wm. Holmes	3.0	1.032
Jake Beerkircher	3.6	1.031
Adolph Owitz	3.4	1.032
Henry Hugill	3.3	1.0325
Wm. Hugill	3.4	1.0315
Chas. Lindauer	3.4	1.031
Geo. Johns	2.7	1.0317
James Hines	3.1	1.032

June 19, 1906. J. A. Wellman Cheese Factory located in Harrison township. Grant Co. 7 miles northeast of Platteville. Manager, J. A. Wellman, Platteville, Wis.

	% fat	Sp. Gr.
Herman Nobnes	3.5	1.0314
H. A. Russell	3.4	1.0315
J. Speth	3.3	1.032
J. A. Wellman	3.2	1.0315
J. Mannell	3.0	1.0315
Ben Culver	3.9	1.032

June 21, 1906. Otto Creek Cheese Factory located at Darlington, Darlington township, four miles east of Darlington. Manager, Fred Thompson, Darlington, Wis.

	% fat	Sp. Gr.
Richard Howard	3.5	1.0316
Peter Styger	3.2	1.0326
Fred Thompson	3.3	1.0316
Joes. Deary	3.3	1.0326
John Deary	3.2	1.031
Arthur Kearns	3.2	1.0316
John Graham	3.6	1.0316
John Lancaster	3.8	1.0316

June 22, 1906. Dish Cheese Factory located three miles northeast of Monticello, Exeter township, Green Co., Wis. Manager, Boutly Bros., Monticello, Wis.

	% fat	Sp. Gr.
Dish Bros.	3.5	1.0327
John Dish	3.5	1.0315
F. Knoble	3.7	1.0323
H. Kubby	3.2	1.0323
L. Lynn	3.2	1.0314
A. Carroll	3.5	1.0324
John Carroll	4.0	1.0324
James Mahar	3.5	1.0329
Mrs. M. Staley	3.3	1.0319
Doudon	3.9	1.0324

June 23, 1906. Cheese Factory located at Monticello Village. Manager, Wittwer & Urben, Monticello.

	% fat	Sp. Gr.
J. Altman	3.1	1.0313
J. Elmer	3.7	1.0323

A. Pierce	3.3	1.0312
F. Zimmerman	3.8	1.0312
B. Elmer	3.5	1.0322
E. Marty	3.8	1.0322
D. Pratt	4.3	1.0312
W. H. Briggs	4.0	1.0312
Boutly	3.3	1.0322

June 28, 1906. Kornely Cheese Factory located in country town of Kosuth, Manitowoc Co., Wis. Manager, Charles Kornely, Manitowoc, Wis., R. F. D. No. 7.

	% fat	Sp. Gr.
Wm. Zendra	3.6	
J. Chaloupka	3.6	
Mrs. Chaloupka	3.8	
Kornely Bros.	3.7	
C. Mose	3.4	
G. Basken	3.5	
H. Youra	3.5	
N. Espen	3.7	
J. Kronfort	3.3	1.0321
H. Koch	3.7	
A. Swada	3.5	
J. Pech	4.0	
C. Tillis	4.0	
F. Bergal	3.1	1.0326
F. Haws	3.6	
M. Standt	3.9	
C. Worthington	3.6	
J. Buckley	3.4	
P. Gruber	3.3	1.0318
G. Fulton	3.9	
C. Holsen	3.6	
N. Jost	3.2	1.0321
A. Kazda	3.7	
J. Fagan	3.5	
D. Gorden	3.8	
W. Perontka	3.7	
A. Reynolds	3.6	
F. Mandel	3.8	
C. Rhein	3.8	
Mrs. Geo. Kornely	4.0	
J. B. Basken	3.5	
M. Greenwood	3.2	1.0328
S. Wilda	3.0	1.0328
F. Kronfort	3.2	1.0318
J. Meyer	3.7	
A. Bolzenthall	3.8	
N. Berringer	4.1	

June 30, 1906. Cheese Factory located two miles south of Marion. Manager, H. L. Schmidt, Marion, Wis., R. 3.

	% butter fat.
W. Vegutz	3.5
J. J. Kapitzke	3.8
C. Hangedner	3.7
E. D. Kaup	3.7
H. A. Knaack	3.6
A. Riske	3.8
P. Farel	4.2
G. Polzen	3.7
P. E. Nohr	3.4
H. A. Knoack	3.6
W. Yanke	3.6
A. Genskow	3.7
E. Peahl	4.2
Ed Eland	3.5
A. Hintz	3.6
G. Maccary	3.6
W. Wilke	3.5

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Aug. Hanschulz	3.6
C. Hanschulz	4.0
H. Rimling	3.4
H. H. Quimby	3.5
J. Baehler	3.8
P. Westphal	3.6
W. L. Taylor	3.6
A. Parlitz	3.5
Otto Schoenick	3.8
Wm. Koepke	3.8
H. Betow	3.8
C. Malug	3.6
F. Holz	3.8
W. Ratzburg	4.0
W. Arndt	3.5
H. W. Schmidt	3.6
Wm. Fredrick	3.7
H. Arndt	3.6
M. J. Hettner	3.5
H. Detert	4.0
F. Arndt	3.6
P. Schoeneock	3.8
F. Case	3.7
J. W. Marick	4.2

June 30, 1906. Creamery located at Kneefand. Managers, Kearney & Roessler, Jefferson.

	% butter	fat.
T. H. Mosher	4.3	
Jas. Leonard	4.2	
Mrs. Hanson	4.5	
L. Steinmuller	3.2	
John Kearney	3.5	
Chas. Freedy	3.2	
Geo. Freedy	3.2	
Wm. Paap	3.6	
E. Lindeman	3.8	
J. Dauhart	3.7	
Mrs. Hoffman	3.8	
Wm. Tess	3.6	
C. G. Kell	3.7	
C. Heing	3.9	
C. Hannaman	4.6	
A. Campbell	3.9	
A. Goll	3.6	
G. Frank	4.0	
W. P. Swartz	3.9	
W. Kezenski	3.8	
W. Loppnow	3.6	
F. Woyichowski	4.2	
M. Werner	4.5	
W. Guertzel	3.9	
H. Polzin	3.7	
E. Wesnig	3.7	
M. Block	3.7	
Dr. O. Nobels	3.8	
Boose Richards	4.0	
I. Kotvis	4.1	
D. Kotvis	3.6	
P. Kotvis	3.4	
F. Vanderwall	4.2	
H. Blink	3.6	
Jacob Fohr	3.1	
J. Dillman	3.6	
Jacob Searing, Jr.	3.5	
H. Homan	3.9	
Mrs. Grenier	3.3	
John Searing	3.6	
Wm. Henkal	3.6	
Chas. Lange	3.6	
J. C. Geissner	3.7	
W. H. Swartz	3.4	
S. Meissuer	3.4	
W. H. Swartz	3.4	
S. Meissuer	3.4	
F. Meissner	3.4	
Paul Blank	3.9	
F. Garrity	3.6	

F. Shrubbe	3.3
John Jones	3.6
Geo. Saddler	3.8
Mrs. Saddler	3.8
J. O. Nobles	3.7
A. Cantpata	4.0
Pete Beunning	3.0
John Beuning	3.0

June 20, 1906. Cheese Factory located four miles north of Port Washington. Manager, P. D. Meyers, Port Washington.

	% fat	Sp. Gr.
P. D. Meyers	3.4	1.032
W. Watry	3.3	1.031
C. Hansen	3.8	1.031
M. Kolbach	3.6	1.0315
J. Lauser	3.2	1.029
M. Fiddler	3.4	1.0315
H. Arnet	3.8	1.032
N. Decker	3.2	1.0315
C. Miersch	3.4	1.0295

June 29, 1906. Cheese Factory located one and a half miles west of Neosha. Manager, Max Radloff, Hustisford.

	% fat	Sp. Gr.
G. Luack	3.2	1.0315
H. Brendemurhl	3.6	
A. Goecks	3.8	
J. Webber	3.4	
G. Sell	3.4	
F. Marks	3.4	
R. Marks	3.9	
C. Schultz	3.8	
H. Schultz	4.0	
P. Hintz	3.5	
C. Neu	3.4	
A. Otto	3.6	
C. Zetlow	3.8	
H. Ulmann	3.7	
P. Kuckhann	3.6	
C. Hagan	3.3	1.031
G. Grip	3.5	

June 29, 1906. Zeither Brick Cheese Factory located in country, township of Hustisford, Dodge Co., Wis. Manager, Glauser & Ladrick Co., 267-269 Water St., Chicago, Ill.

Maker, Sam Wuethrick, Woodland, Wis.

	% fat	Sp. Gr.
J. Lindert	3.8	1.032
L. Bramer	4.0	1.0324
F. Moritz	3.4	1.0324
J. Bergeman	4.0	1.0318
W. Bohnerstengel	3.7	1.0314
Aug. Dewitz	3.6	1.032
Wm. Haak	3.4	1.0308
K. Fabrenkrug	3.8	1.031
H. Schindelahaar	4.0	1.0315
F. Hankel	3.6	1.032
R. Kraut	3.4	1.0314
F. Schultz	3.5	1.032
W. Hankel	3.4	1.0317
F. Falkental	3.5	1.033
H. Thalke	3.5	1.0318
Wm. Schwant	4.0	1.0314
F. Jecke	4.2	1.0309
H. Schwan	3.9	1.0314
W. Zeimerman	3.6	1.0316
H. Schwan	3.9	1.0317

CITY MILK AND CREAM INSPECTION.

January 12, 1904. Madison.

	% butter	fat.
University Creamery, cream, taken from wagon	22.0	
Model Creamery Co., cream, taken from wagon.....	15.8	
Model Creamery Co., milk, taken from wagon.....	4.5	
Model Creamery Co., cream, taken from milk depot.....	14.5	
Model Creamery Co., milk, taken from milk depot.....	4.2	
William Doerfer, milk, taken from wagon.....	4.5	
William Oldenburg, milk, taken from wagon.....	4.4	
Cardinal Creamery Co., milk taken from wagon.....	4.4	
Cardinal Creamery Co., cream, taken from wagon.....	19.0	
Cardinal Creamery Co., cream, taken from milk depot.....	21.0	
Cardinal Creamery Co., milk, taken from milk depot.....	4.3	
J. Pearson, milk, taken from wagon.....	4.9	
Fred Cook, milk, taken from wagon.....	4.4	
L. Markin, milk taken from wagon.....	4.7	
H. Hatfield, milk, taken from wagon.....	4.2	
A. Elbers, milk, taken from wagon.....	5.0	
C. H. Holby & Son, milk, taken from wagon.....	4.8	
L. W. Gay, milk, taken from wagon (bottled)	4.3	
L. W. Gay, milk, taken from wagon (can).....	4.2	

January 21, 1904. Grand Rapids.

Milk.		% butter	fat.
Geo. Waterman		4.8	
Geo. Waterman		4.6	
Geo. Waterman		4.0	
Geo. Waterman		4.4	
A. Modoe		5.1	
Chandos & Gillette		3.8	
H. Robinson		17.5	
Cream.			
Geo. Waterman		20.5	
Chandos & Gillette		24.5	
H. Robins		17.5	

January 28, 1904. Janesville.

Cream.		%	fat.
A. W. Slocum		38.0	
L. J. Bonin		39.0	
Shurtliff Co., wagon No. 1.....		38.0	
Shurtliff Co., creamery		38.0	
Shurtliff Co., wagon No. 3.....		38.0	

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Milk.

	% butter fat.
T. Anderson	4.2
J. E. Myers	3.7
H. J. Bullock	5.1
L. J. Cronin	4.0
Chris Knudson	4.2
Shurtliff Co., wagon No. 1.....	5.2
A. W. Slocum	3.8
Shurtliff Co., creamery	4.2
Shurtliff Co., wagon No. 3.....	4.5

July 19, 1904. Fort Atkinson.

Wm. Braunschweig, cream from can.....	37.2
Wm. Braunschweig, milk from can.....	4.9
Wm. Braunschweig, milk from bottle.....	4.9
W. E. Kyle, milk from bottle.....	4.6
W. E. Kyle, milk from can.....	4.2
L. Rankin, milk from can.....	5.4
J. D. Hotts, milk from can.....	5.1
J. H. Richardson, milk from can.....	4.1

WISCONSIN CURD TESTS.

The Wisconsin Curd Test, brought out by the Wisconsin Agricultural Experiment Station, is a practical means of tracing the source of tainted conditions in milk. For this purpose it is more practical and effective than the much lauded "bacterial count." It is based upon the following principles:

"Normal milk contains practically no organisms but the straight lactic acid bacteria. These germs produce no gas and no bad odors, but purely lactic acid and the curd formed therefrom is such as is represented in Figure 1.

"Milk contaminated by the introduction of dust, dirt, fecal matter or kept in imperfectly cleaned cans becomes fouled with gas producing bacteria that break down the milk sugar and so produce gases and usually undesirable odors. Therefore milks showing the presence of gas or bad odors in any considerable degree are milks that have been more or less polluted with extraneous organisms or carelessly handled, and as a consequence such milks show a type of curd revealed in figures 2 and 3."—
Dr. H. L. Russell.

1. Sterilize milk containers so as to destroy all bacteria in vessels. This step is very important and can be done by heating cans in boiling water or steam for not less than one-half hour.

2. Place about one pint of milk in covered jar and heat to about 98 degrees F.

3. Add ten drops of standard rennet extract and mix thoroughly with the milk to quickly coagulate.

4. After coagulation, cut curd fine with case knife to facilitate separation of whey; leave curd in whey one-half hour to an

hour; then drain off whey at frequent intervals until curd is well matted.

5. Incubate curd mass at 98 to 102-degrees F. by immersing jar in warm water. Keep jars covered to retain odors.

6. After 6 to 9 hours incubation, open jar and observe odor; examine curds by cutting the same with sharp knife and observe texture as to presence of pin holes or gas holes. Observe odor.

7. Very bad milks will betray presence of gas producing bacteria by the spongy texture of the curd and off flavor.

8. If more than one sample is tested at the same time, dip knife and thermometer in hot water before each time used.

WISCONSIN CURD TEST APPLIED TO CITY MILK SUPPLIES.

August 16, 1904—Madison, Wis.

- P. J. Main: Louis Anderson, driver, bottle; per cent butter fat, 3.95; flavor clean; texture close, firm; see figure 1.
- J. Capaul: Can, per cent butter fat, 4.4; flavor badly tainted; texture spongy; see figure 3.
- J. Capaul: Bottle, per cent butter fat, 4.2; flavor clean; texture close, firm; see figure 1.
- J. J. Pfister: Bottle, per cent butter fat, 4.45; flavor bad; texture spongy; see figure 3.
- J. J. Pfister: Can, per cent butter fat, 4.4; flavor clean, texture close, firm; see figure 1.
- A. Frisch: Bottle, per cent butter fat, 4.0; flavor clean; texture close, firm; see figure 1.
- A. Frisch: Can, per cent butter fat, 4.1; flavor badly tainted; texture spongy; see figure 3.
- Wiechmann Bros.: Bottle per cent butter fat, 3.6; flavor fair; texture fair.
- W. W. Welsh: Bottle, per cent butter fat, 3.8; flavor clean; texture close, firm; see figure 1.
- W. W. Welsh: Can, per cent butter fat, 5.1; flavor clean; texture close, firm; see figure 1.
- Eken Bros.: Can, per cent butter fat, 4.05; flavor clean, texture close, firm; see figure 1.
- H. A. Steinhauer: Bottle, per cent butter fat, 4.35; flavor clean; texture close, firm; see figure 1.
- H. A. Steinhauer: Can, per cent butter fat, 3.85; flavor tainted; texture soft, mushy.
- E. Busse: Bottle, per cent butter fat, 4.5; flavor clean; texture close, firm; see figure 1.
- Top Notch Dairy: Fred Buhler, driver, bottle, per cent butter fat, 4.45; flavor clean; texture close, firm; see figure 1.
- L. H. Kleinheinz: Joe Kleinheinz, driver, can, pasteurized, per cent butter fat, 3.7; flavor fair; texture fair.
- Wm. Doerfer. Ed. Doerfer, driver, can, per cent butter fat, 3.65; flavor tainted; texture spongy; see figure 3.
- L. W. Gay: John Beale driver, can per cent butter fat, 3.85; flavor clean; texture close, firm; see figure 1.
- Model Creamery: John Hagan driver, can, pasteurized, per cent butter fat, 6.1; flavor fair; texture fair.
- Joe Pearson: Ed. Lawrence, driver, can, per cent butter fat, 4.8; flavor badly tainted; texture spongy; see figure 3.
- Otto Toepfer: Can, per cent butter fat, 3.95; flavor clean; texture close, firm;
- Otto Toepfer: Can, per cent butter fat, 3.55; flavor clean; texture close, firm; see figure 1.
- Weichmann Bros.: Bottle, per cent butter fat, 4.0; flavor not clean; texture soft and mushy.
- L. W. Gay: A. C. Sykes, driver, can, per cent butter fat, 3.8; flavor fair; texture fair.

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- A. B. Clayton: Can, per cent butter fat, 4.15; flavor clean; texture close, firm; see figure 1.
- Model Creamery: Con Stellingware driver, can, per cent butter fat, 4.1; flavor tainted; texture spongy; see figure 3.
- Cardinal Creamery: John Kleinheinz driver, can, per cent butter fat, 3.75; flavor clean; texture close, firm; see figure 1.
- H. Hatfield: Can, per cent butter fat, 4.25; flavor tainted; texture spongy; see figure 3.
- Mr. Pyre: Bottle, per cent butter fat, 4.5; flavor badly tainted; texture spongy; see figure 3.
- L. W. Gay: John Gay driver, bottle, per cent butter fat, 3.5; flavor clean; texture close, firm; see figure 1.
- E. Bruns: Can, per cent butter fat, 4.4; flavor clean; texture close, firm; see figure 1.
- L. Roth: Can, per cent butter fat, 4.3; flavor clean; texture fair.
- II, Harbort: Can, per cent butter fat, 5.05; flavor clean; texture close, firm; see figure 1.
- Joe Pearson: Joe Pearson driver, can, per cent butter fat, 4.10; flavor clean; texture close, firm; see figure 1.
- William Oldenburg: Can, per cent butter fat, 3.70; flavor badly tainted; texture soft and spongy; see figure 3.
- Model Creamery: Faucet store, per cent butter fat, 4.8; flavor badly tainted, texture spongy; see figure 3.
- Model Creamery: Walter Nunn, driver; can, per cent butter fat, 4.1; flavor clean; texture close, firm; see figure 1.
- C. Lapaul: Can, per cent butter fat, 4.1; flavor tainted; texture spongy; see figure 3.
- Cardinal Creamery: Store, per cent butter fat, 4.55.

August 18, 1904. Baraboo City.

- II. H. Wordelman: Louis Wordelman, driver, bottle milk, per cent butter fat, 4.60; flavor clean; texture close, firm; see figure 1.
- H. H. Wordelman: Bottle cream, per cent butter fat, 40.00.
- H. H. Wordelman: Can, milk, per cent butter fat, 5.30; flavor clean; texture close, firm; see figure 1.
- Geo. H. Holmes, bottle, milk, per cent butter fat, 3.50; flavor clean; texture close, firm; see figure 1.
- Geo. H. Holmes: Bottle, cream, per cent butter fat, 20.75.
- Geo. H. Holmes: Can milk, per cent butter fat, 3.80; flavor clean; texture close, firm; see figure 1.
- C. H. Varnell: L. I. Stillson, driver; bottle milk, per cent butter fat, 5.00; flavor clean; texture close, firm; see figure 1.
- C. H. Varnell: Bottle, cream, per cent butter fat, 28.50.
- C. H. Varnell: Can, milk, per cent butter fat, 5.20; flavor slightly tainted; texture somewhat spongy; see figure 2.
- Geo. H. Holmes: Can, milk, night, per cent butter fat, 3.90; flavor fair; texture close, firm.
- Rudolph Schumacher: Can milk, per cent butter fat, 5.70; flavor clean; texture fair.
- Rudolph Schumacher: Bottle cream, per cent butter fat, 26.00.
- W. E. Brown: Can, milk, per cent butter fat, 4.00; flavor clean; texture close, firm; see figure 1.
- W. E. Brown: Bottle cream, per cent butter fat, 24.00.
- Geo. H. Holmes: Can, milk, morning, per cent butter fat, 4.20; flavor clean; texture close, firm; see figure 1.
- M. J. Tyler (Van): Can milk, per cent butter fat, 4.60; flavor clean; texture close, firm; see figure 1.
- M. J. Tyler: Cream, bottle, per cent butter fat, 22.00.

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- M. J. Tyler: Can, milk, per cent butter fat, 5.10; flavor clean; texture close, firm; see figure 1.
- A. G. Glover: Harvey Ott, driver, can, milk, night's, per cent butter fat, 3.70; flavor clean; texture close, firm; see figure 1.
- A. G. Glover: Bottle, cream, per cent butter fat, 20.25.
- A. G. Glover: Can milk, morning, per cent butter fat, 4.20; flavor clean; texture close, firm; see figure 1.
- F. W. Simons: Can, milk, per cent butter fat, 5.90; flavor clean; texture close, firm; see figure 1.
- F. W. Simons: Can, cream, per cent butter fat, 30.00.
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August 19, 1904. Watertown City.

- H. L. Gillis: Can, milk, per cent butter fat, 3.20; flavor clean; texture close, firm; see figure 1.
- H. L. Gillis: Bottle, milk, per cent butter fat, 3.80; flavor tainted; texture somewhat spongy; see figure 2.
- H. L. Gillis: Bottle, cream, per cent butter fat, 23.00.
- E. Marquardt, Prop. Spring Valley Dairy: A. H. Leuck driver, bottle, cream, per cent butter fat, 21.50.
- E. Marquardt, Prop. Spring Valley Dairy: Can, milk, per cent butter fat, 3.60; flavor clean; texture close, firm; see figure 1.
- Wm. Frederick: Can, milk, per cent butter fat, 4.80; flavor slightly tainted; texture fair.
- Clover Leaf Dairy: Can, milk, per cent butter fat, 4.20; flavor clean; texture close, firm; see figure 1.
- J. C. Harrison, grocer: Cream, bottled, per cent butter fat, 25.00.
- J. C. Harrison: Bottled milk, per cent butter fat, 3.60; flavor clean; texture close, firm; see figure 1.
- John E. Heismann, grocer: Bottled cream, per cent butter fat, 18.00.
- John E. Heismann, grocer: Bottled milk, per cent butter fat, 3.80; flavor clean; texture close, firm; see figure 1.
- Julius Doar: Can, milk, per cent butter fat, 3.60; flavor clean; texture firm; see figure 1.
- H. Bargainz: Can, night's milk, per cent butter fat, 3.60; flavor clean; texture close, firm; see figure 1.
- H. Bargainz: Can, morning milk, per cent butter fat, 3.80; flavor clean; texture close, firm; see figure 1.
- H. Bargainz: Can, morning milk, per cent butter fat, 4.00; flavor clean; texture close, firm; see figure 1.
- Jim Enright: Can, night's milk, per cent butter fat, 4.40; flavor tainted; texture spongy; see figure 3.
- Jim Enright: Can, morning milk, per cent butter fat, 4.40; flavor fair; texture close, firm.
- Mrs. M. Herzog: House, milk, per cent butter fat, 3.30; flavor clean; texture close, firm; see figure 1.
- J. Dobler: Can, milk per cent butter fat, 4.10; flavor clean; texture close, firm; see figure 1.
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August 23, 1904. Oshkosh.

- P. Faust: Cream, bottle, per cent butter fat, 21.00.
- P. Faust: Milk, bottle, broken.
- W. D. Owen: Milk, bottle, per cent butter fat, 5.40; flavor clean; texture close, firm; see figure 1.
- W. D. Owen: Cream, bottle, per cent butter fat, 24.00.
- W. D. Owen: Milk, can; flavor clean; texture close, firm; see figure 1.
- A. Grundman: Milk, bottle, per cent butter fat, 4.0; flavor clean; texture close, firm; see figure 1.

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- A. Grundman: Cream, bottle, per cent butter fat, 19.5.
E. Wickosky: Milk, bottle, per cent butter fat, 3.40; flavor clean; texture close, firm; see figure 1.
Oshkosh Pure Milk Co.: Milk, bottle, per cent butter fat, 4.40; flavor clean; texture close, firm; see figure 1.
Wagon No. 2: Milk, bottle, per cent of butter fat, 4.80; flavor clean; texture close, firm; see figure 1.
Wagon No. 2: Cream, bottle, per cent butter fat, 26.0.
Wagon No. 2: Cream, bottle, per cent butter fat, 26.0.
G. Hafeman: Milk, bottle, per cent butter fat, 4.60; flavor clean; texture close, firm; see figure 1.
G. Hafeman: Cream, bottle, per cent butter fat, 18.0.
M. J. Ditter: Milk, bottle, per cent butter fat, 3.70; flavor clean; texture close, firm; see figure 1.
M. J. Ditter: Cream, bottle, per cent butter fat, 25.0.
Oshkosh Pure Milk Co.: Milk, bottle, per cent butter fat, 4.10; flavor clean; texture close, firm; see figure 1.
Oshkosh Pure Milk Co.: Cream, bottle, per cent butter fat, 26.0.
Oshkosh Pure Milk Co.: Cream, bottle, per cent butter fat, 27.0.
A. Schroeder: Milk, bottle, per cent butter fat, 3.80; flavor clean; texture close, firm; see figure 1.
A. Schroeder: Cream, bottle, per cent butter fat, 26.0.
J. Ruth: Milk, bottle, per cent butter fat, 4.40; flavor clean; texture close, firm; see figure 1.
J. Ruth: Cream, bottle, per cent butter fat, 19.60.
G. Sparks: Milk, bottle, per cent butter fat, 3.70; flavor clean; texture close, firm; see figure 1.
G. Sparks: Cream, per cent butter fat, 16.0.
R. Lake: Milk, bottle, per cent butter fat, 6.20; flavor clean; texture close, firm; see figure 1.
J. Hewitt: Milk, can, per cent butter fat, 3.80; flavor clean; texture close, firm; see figure 1.
A. C. Atwood: Milk, bottle, per cent butter fat, 4.30; flavor clean; texture close, firm; see figure 1.
A. C. Atwood: Cream, bottle, per cent butter fat, 20.0.
J. C. Rothenbach: Milk, can, per cent butter fat, 4.20; flavor clean; texture close, firm; see figure 1.
A. W. Gore: Milk, can, per cent butter fat, 3.70; flavor clean; texture close, firm; see figure 1.
G. M. Kenfield: Milk, can, per cent butter fat, 3.80; flavor clean; texture close, firm; see figure 1.
E. A. Zillmer: Milk, can, per cent butter fat, 3.80; flavor clean; texture close, firm; see figure 1.
H. W. Gerdes: Milk, bottle, per cent butter fat, 5.20; flavor clean; texture close, firm; see figure 1.
H. W. Gerdes: Cream, bottle, per cent butter fat, 19.0.
Oshkosh Pure Milk Co.: Cream, bottle, per cent butter fat, 30.0.
Wagon No. 4: Cream, bottle, per cent butter fat, 27.0.
Oshkosh Pure Milk Co.: Milk, bottle, per cent butter fat, 4.0; flavor clean; texture close, firm; see figure 1.
Oshkosh Pure Milk Co.: Milk, bottle, per cent butter fat, 5.0; flavor clean; texture close, firm; see figure 1.
E. D. Nichols: Milk, can, per cent butter fat, 3.70; flavor clean; texture close, firm; see figure 1.
Geo. Hotchkiss: Milk, can, per cent butter fat, 4.50; flavor clean; texture close, firm; see figure 1.
Geo. Hotchkiss: Milk, bottle, per cent butter fat, 3.50; flavor not clean; texture slightly spongy; see figure 2.
Geo. Hotchkiss: Cream, bottle, per cent fat, 24.0.

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- F. Doernel: Milk, bottle, per cent butter fat, 3.30; flavor clean; texture close, firm, see figure 1.
- F. Doernel: Milk, can, per cent butter fat, 3.60; flavor clean; texture close, firm, see figure 1.
- W. Schroeder: Milk, bottle, per cent butter fat, 4.0; flavor clean; texture close, firm, see figure 1.
- W. Schroeder: Milk, can, per cent butter fat, 4.0; flavor clean; texture close, firm, see figure 1.
- W. Schroeder: Cream, bottle, per cent butter fat, 22.0.
- A. Leubke: Milk, can, per cent butter fat, 3.50; flavor clean; see figure 1.
- A. Leubke: Milk, bottle, per cent butter fat, 3.40; flavor clean; texture close, firm, see figure 1.
- F. T. Gunning: Milk, bottle, per cent butter fat, 5.0; flavor clean; texture close, firm; see figure 1.
- F. T. Gunning: Milk, can, per cent butter fat, 4.6; flavor tainted; texture slightly spongy; see figure 2.
- August 24, 1904. Wausau.
- Chas. Morgenroth: Bottle, per cent butter fat, 4.50; flavor clean; texture close, firm, see figure 1.
- Chas. Morgenroth: Cream, bottle, per cent butter fat, 20.50.
- Chas. Morgenroth: Milk, can, per cent butter fat, 4.40; flavor clean; texture close, firm; see figure 1.
- Marathon Co. Dairy: Bottle, per cent butter fat, 4.25; flavor clean; texture close, firm; see figure 1.
- Co. Wagon No. 2: Cream, bottle, per cent butter fat, 23.00.
- H. Menret: Milk, bottle, per cent butter fat, 5.00; flavor clean; texture close, firm, see figure 1.
- H. Menret: Milk, can, per cent butter fat, 5.10; flavor clean; texture close, firm; see figure 1.
- E. E. Means: Milk, bottle, per cent butter fat, 5.30; flavor clean; texture close, firm; see figure 1.
- Old Reliable Dairy: Milk, can, per cent butter fat, 3.50; flavor clean; texture close, firm; see figure 1.
- Old Reliable Dairy: Cream, bottle, per cent butter fat, 25.50.
- Marathon Co.: Milk, bottle, per cent butter fat, 4.40; flavor clean; texture close, firm; see figure 1.
- Dairy Co.: Cream, bottle, per cent butter fat, 21.20.
- G. W. Witter: Milk, can, per cent butter fat, 4.40; flavor clean; texture close, firm; see figure 1.
- G. W. Witter: Milk, bottle, per cent butter 4.80; flavor clean; texture close, firm; see figure 1.
- J. J. Bean: Milk, bottle, per cent butter fat, 5.00; flavor clean; texture close, firm; see figure 1.
- J. J. Bean: Cream, can, per cent butter fat, 21.00.
- August 25—Grand Rapids.

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- Chandos & Jellitt: J. Knouse, driver, milk, bottle, per cent butter fat, 3.50; flavor clean; texture close, firm; see figure 1.
- Chandos & Jellitt: Milk, can, per cent butter fat, 3.40; flavor clean; texture close, firm; see figure 1.
- Huberty & Ehlenbeck: J. Gnos, driver, milk, bottle, per cent butter fat, 4.30; flavor clean; texture close, firm; see figure 1.
- Huberty & Ehlenbeck: J. Gnos driver, cream, bottle, per cent butter fat, 21.75.
- Huberty & Ehlenbeck: Cream, per cent butter fat, 16.00.
- Huberty & Ehlenbeck: Milk, can, per cent butter fat, 4.40; flavor clean texture close, firm; see figure 1.
- O. Doughty: Milk, bottle, per cent butter fat, 3.80; flavor clean; texture close, firm; see figure 1.

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O'Doughty: Cream, bottle, per cent butter fat, 40.00.

J. T. L. Bittner: Milk, bottle, per cent butter fat, 4.00; flavor bad; texture somewhat spongy; see figure 2.

J. T. L. Bittner: Milk, can per cent butter fat, 4.30; flavor bad; texture somewhat spongy; see figure 2.

August 26, 1904.—La Crosse.

L. Casperson. Milk, can, per cent butter fat, 3.50, 3.70; flavor clean; texture close, firm; see figure 1.

L. Casperson: Cream, per cent butter fat, 16.50.

D. Heslip: Milk, can, per cent butter fat, 5.10; flavor clean; texture good; see figure 1.

D. Heslip: Milk, can, per cent butter fat, 4.10; flavor clean; texture good; see figure 1.

J. C. Kempson: Milk, can per cent butter fat, 3.70; flavor clean; texture good; see figure 1.

B. P. Lee & Co.: Milk, can, per cent butter fat, 3.70; flavor clean; texture good; see figure 1.

W. Zierke: Milk, can, per cent butter fat, 3.40; flavor clean; texture good; see figure 1.

A. Muller: Milk, can, per cent butter fat, 2.90, 2.60; flavor clean; texture good; see figure 1.

J. Buchner: Milk, can, per cent butter fat, 3.40, flavor clean; texture good; see figure 1.

F. Keppel: Milk, can, per cent butter fat, 4.40; flavor clean; texture good; see figure 1.

Mrs. E. Salwitz. Milk, per cent butter fat, 3.60; flavor clean; texture good; see figure 1.

Delphinch & Kneifer: Milk, per cent butter fat, 3.70; flavor clean; texture good; see figure 1.

Hildreth: Milk, can, per cent butter fat, 3.80; flavor clean; texture good; see figure 1.

E. Richter: Milk, can per cent butter fat, 3.80; flavor poor; texture somewhat spongy; see figure 2.

S. Larson: Milk, can, per cent butter fat, 4.00; flavor good; texture close, firm; see figure 1.

Mrs. Pillner: Milk, can, per cent butter fat, 3.40; flavor good; texture close, firm; see figure 1.

Submitted by Dr. Holmes: Per cent butter fat, 3.30.

N. Jenson: Milk, can, per cent butter fat, 3.60; flavor fair; texture fair.

N. Jenson: Cream, can, per cent butter fat, 16.00.

K. Zweifel: Milk, can, per cent butter fat 4.80; flavor clean; texture close, firm; see figure 1.

C. H. Baker: Milk, can, 2.70, 2.70; flavor bad; texture somewhat spongy; see figure 2.

C. H. Baker: Cream, can, per cent butter fat, 18.50.

A. Swenson: Milk, can, per cent butter fat, 4.00; flavor clean; texture close, firm; see figure 1.

J. P. Dorais: Milk, can, per cent butter fat, 5.00; flavor clean; texture close, firm; see figure 1.

J. P. Dorais: Cream, can, per cent butter fat 20.50.

A. Keppel: Milk, can, per cent butter fat, 7.50; flavor sour clean; texture short, mealy.

L. Koch: Milk, can, per cent butter fat, 3.40; flavor clean; texture close, firm; see figure 1.

E. Almos: Milk, can, per cent butter fat, 3.90; flavor clean; texture close, firm; see figure 1.

Seller Bros.: Milk, can, per cent butter fat, 3.10; flavor clean; texture close, firm; see figure 1.

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- Seller Bros.: Cream, bottle, per cent butter fat, 20.00.
 C. H. Farman: Milk, can, per cent butter fat, 4.40; flavor clean; texture close, firm; see figure 1.
 J. Lindsey: R. Smalley, driver, milk, bottle, per cent butter fat 4.40; flavor clean; texture close, firm; see figure 1.
 J. Lindsey: R. Smalley, driver cream, can, per cent butter fat, 19.00.
 W. Fredrichs: Milk, can, per cent butter fat, 3.80; flavor clean; texture close, firm; see figure 1.
 W. Fredrichs. Cream, bottle, per cent butter fat, 27.00.
 W. Murphy: Milk, can, per cent butter fat, 3.80; flavor clean; texture close, firm; see figure 1.
 A. Zeggler: Milk can, per cent butter fat, 4.70; flavor clean; texture close, firm; see figure 1.
 A. Zeggler: Cream, can, per cent butter fat, 20.00
 Seller Bros.: Milk, can, per cent butter fat, 6.60; flavor clean; texture soft, mushy.
 C. H. Lindsey: Milk, bottle, per cent butter fat, 4.40; flavor clean; texture close, firm.
 C. H. Lindsey: Cream, bottle, per cent butter fat 19.00.
 G. Kolb: Milk, can, per cent butter fat, 3.60; flavor clean; texture close, firm; see figure 1.

January 17, 1906.—Madison.

- Model Cry. Store: Milk, bulk, per cent butter fat, 4.30; flavor clean; texture firm; see figure 1.
 Joe Pearson: Milk, can, per cent butter fat, 3.90; flavor clean; texture firm; see figure 1.
 Wm. Doefler: Milk, morning can, per cent butter fat, 4.30; flavor clean; texture firm; see figure 1.
 Wm. Doefler: Milk, night can, per cent butter fat, 4.10; flavor not perfect; texture very firm; see figure 1.
 H. Hatfield: Milk, can, per cent butter fat, 5.30; flavor clean; texture firm; see figure 1.
 A. Frisch: Milk, can, per cent butter fat, 4.20; flavor not perfect; texture firm; see figure 1.
 Joe Pearson: Milk, can, per cent butter fat, 4.40; flavor not clean; texture gassy; see figure 2.
 Pat Sweeney: Milk, night bottled, per cent butter, 4.20; flavor tainted; texture spongy; see figure 3.
 Pat Sweeney: Milk, morning can, per cent butter fat, 4.40; flavor clean; texture firm; see figure 1.
 Model Cry., Wagon: Milk, morning, can, per cent butter fat, 4.10; flavor clean; texture firm; see figure 1.
 R. Schimming: Milk, night can, per cent butter fat, 4.20; flavor slightly musty; texture slightly pin-hole; see figure 2.
 R. Schimming: Milk, morning can, per cent butter fat, 4.10; flavor, not clean; texture slightly pin-hole; see figure 2.
 J. J. Pfister: Milk, morning can, per cent butter fat, 5.20; flavor not clean; texture gassy; see figure 2.
 Cardinal Cry. Co.: Milk, mixed, bottled, per cent butter fat, 4.00; flavor clean; texture firm; see figure 1.
 L. W. Gay: Milk, morning can, per cent butter fat, 4.00; flavor clean; texture firm; see figure 1.
 L. W. Gay: Milk, night can, per cent butter fat, 3.60; flavor slightly acid; texture firm; see figure 1.
 Prof. J. F. A. Pyre: Milk, morning bottle, per cent butter fat, 4.20; flavor clean; texture firm; see figure 1.

- Prof. J. F. A. Pyre: Milk, night bottle, per cent butter fat, 4.10; flavor clean; texture firm; see figure 1.
- Wm. Oldenburg: Milk, mixed can, per cent butter fat, 4.00; flavor clean; texture firm; see figure 1.
- Model Cry. Co., store. Cream, per cent butter fat, 22.50.
- University Cry., Wagon: Cream per cent butter fat, 24.25.
- E. Bruns: Hankey, driver, milk, per cent butter fat, 4.40; flavor clean; texture firm; see figure 1.
- E. Bruns: Milk, per cent butter fat, 7.00; flavor clean; texture soft; see figure 1.
- F. Castle: Milk, per cent butter fat, 4.60; flavor clean; texture firm; see figure 1.
- Eken Bros.: Milk, per cent butter fat, 3.90; flavor clean; texture firm; see figure 1.
- F. Main: Milk, per cent butter fat, 4.60; flavor clean; texture firm; see figure 1.
- L. G. Schlingen: Milk, per cent butter fat, 4.00; flavor clean; texture firm; see figure 1.
- O. H. Lien: J. Brigham, driver, milk, per cent butter fat, 3.90; flavor clean; texture firm; see figure 1.
- O. H. Lien: Milk, per cent butter fat, 4.80; flavor clean; texture firm; see figure 1.
- Model Cry.: J. Gregson, driver, milk, per cent butter fat, 3.90; flavor clean; texture firm; see figure 1.
- Model Cry.: Cream, per cent butter fat, 19.60.
- L. W. Gay: T. P Long, driver, milk, can, per cent butter fat, 3.50; flavor clean; texture firm; see figure 1.
- L. W. Gay: Milk, bottle, per cent butter fat, 3.20; flavor not perfect; texture firm; see figure 1.
- L. W. Gay: Cream, per cent butter fat, 19.20.
- G. Bochard: Milk, can, per cent butter fat, 4.10; flavor clean; texture firm; see figure 1.
- G. Bochard: Milk, bottle, per cent butter fat, 4.00; flavor clean; texture firm; see figure 1.
- G. Bochard: B. Radke, driver, milk, per cent butter fat, 4.10; flavor clean; texture firm; see figure 1.
- H. Harbort: Milk, can, per cent butter fat, 3.85; flavor clean; texture firm; see figure 1.
- H. A. Krugman: Milk, can, per cent butter fat, 4.40; flavor not perfect; texture soft, close; see figure 1.
- Model Cry.: W. Madson, driver, milk, can, per cent butter fat, 3.70; flavor clean; texture firm; see figure 1.
- Model Cry.: Milk, bottle, per cent butter fat, 3.70; flavor not clean; texture firm; see figure 1.

January 23, 1906.—Portage.

- S. J. Pate: Milk, per cent butter fat, 4.60; flavor clean; texture firm; see figure 1.
- S. J. Pate: Cream, per cent butter fat, 22.50.
- H. Cone: Milk, per cent butter fat, 6.40; flavor clean; texture firm; see figure 1.
- H. Cone: Cream, per cent butter fat, 25.00.
- M. Hettinger: Milk, per cent butter fat, 3.90; flavor clean; texture firm; see figure 1.

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- M. Hettinger: Cream, per cent butter fat, 24.00.
A. Shell: Milk, night's, per cent butter fat, 3.90; flavor not clean; texture firm; see figure 1.
A. Shiel: Milk, morning's, per cent butter fat, 4.80; flavor clean; texture firm; see figure 1.
A. Shiel: Cream, per cent butter fat, 27.00.
W. C. Myers: Milk, night's, per cent butter fat, 4.30; flavor clean; texture firm; see figure 1.
W. C. Myers: Milk, morning's, per cent butter fat, 4.60; flavor clean; texture firm; see figure 1.
W. C. Myers: Cream, per cent butter fat, 31.50.
D. J. Okeefe: Milk, morning's, per cent butter fat, 4.40; flavor clean; texture firm; see figure 1.
D. J. Okeefe: Milk, night's, per cent butter fat, 4.40; flavor bad; texture pin-hole; see figure 2.
D. J. Okeefe: Cream, per cent butter fat, 21.00.
Peter Gloeckler: Milk, morning's, per cent butter fat, 4.70; flavor clean; texture firm; see figure 1.
Peter Gloeckler: Milk, night's, per cent butter fat, 4.70; flavor not clean; texture slightly pin-hole; see figure 2.
Peter Gloeckler: Cream, per cent butter fat, 21.00.
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January 23, 1906.—Oconomowoc.

- Oak View Dairy: Gunderman & Roehodenus, cream, per cent butter fat, 21.50.
Jersey Dell Dairy: S. E. Turville, bulk cream, per cent butter fat, 21.00.
Oak View Dairy: Gunderman & Roehodends, milk, per cent butter fat, 3.9; flavor perfect; texture firm; see figure 1.
Jersey Dell Dairy: S. E. Turville, milk, per cent butter fat, 3.70; flavor not perfect; texture slightly pin-hole; see figure 2.
Herbert-Lewis Dairy: Herbert-Lewis, milk, per cent butter fat, 3.70; flavor perfect; texture firm; see figure 1.
P. A. Valentine: Milk, per cent butter fat, 5.10.
W. M. Cuffske: Milk, per cent butter fat, 4.00.
F. Flanagan: Milk, per cent butter fat, 3.60.
H. C. Melchor: Milk, per cent butter fat, 4.30.
E. Rohloff: Milk, per cent butter fat, 4.10.
G. Tasmel: Milk, per cent butter fat, 4.20.
C. C. Harris: Milk, per cent butter fat, 4.20.
F. Worthington: Milk, per cent butter fat, 4.80.
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January 27, 1906—Sparta.

- J. A. Mayfield, milk, per cent butter fat, 4.5; flavor clean; texture firm; see figure 1.
J. A. Mayfield: Cream, per cent butter fat, 25.50.
W. E. Davis: James Agan, driver, cream, per cent butter fat, 29.50.
W. E. Davis: James Agan driver, milk, per cent butter fat, 4.90; flavor firm; see figure 1.
T. J. Taylor: Milk, mixed, per cent butter fat, 3.7; flavor clean; texture firm; see figure 1.
T. J. Taylor: Milk, mornings, per cent butter fat, 3.9; flavor clean; texture firm; see figure 1.
T. J. Taylor: Cream, per cent butter fat, 25.0.
T. J. Taylor: Morning's cream, per cent butter fat, 24.0.

January 25, 1906. Watertown.

- Miss E. C. Marquardt. Spring Valley Dairy: A. H. Leuch, driver. Milk, can, per cent butter fat, 3.40; specific gravity, 1.032; flavor clean; texture firm; see figure 1.

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- J. Dobler: Can, milk, per cent butter fat, 3.60; specific gravity, 1.031; flavor clean; texture firm; see figure 1.
- W. M. Fredrich: Can milk, per cent butter fat, 3.60; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
- II. L. Gillis: Can milk, per cent butter fat, 3.20; specific gravity, 1.0315; flavor clean; texture firm; see figure 1.
- Gaenz Bros: Pleasant Home Dairy: Elmer Bender, driver. Can milk, per cent butter fat, 4.20; specific gravity, 1.031; flavor, not clean; texture slightly pin-hole; see figure 2.
- H. Bargans: Albert Hoeft, driver, can milk; per cent butter fat, 3.80; specific gravity, 1.032; flavor clean; texture firm; see figure 1.
- J. Enright: Can milk, per cent butter fat, 3.80; specific gravity, 1.0315; flavor not clean; texture slightly pin-hole; see figure 2.
- Gaenz Bros.: Pleasant Home Dairy. A. Gaenz driver, night's milk, per cent butter fat, 3.50; specific gravity, 1.0322; flavor not perfect; texture slightly pin-hole; see figure 2.
- Gaenz Bros.: Pleasant Home Dairy. A. Gaenz, driver, can, morning milk, per cent butter fat, 4.60; specific gravity, 1.032; flavor clean; texture firm; see figure 1.
- W. M. Ziegelman: Can milk, morning's, per cent butter fat, 3.30; specific gravity, 1.0323; flavor clean; texture firm; see figure 1.
- W. M. Ziegelman: Can milk, night's, per cent butter fat, 3.50; specific gravity, 1.032; flavor clean; texture firm; see figure 1.
- Emmitt dairy: J. Enright, driver, can, night's milk, per cent butter fat, 3.60; specific gravity, 1.0318; flavor bad; texture spongy; see figure 3.
- Emmitt Dairy: J. Enright, driver, can milk, morning, per cent butter fat, 3.50; specific gravity, 1.032; flavor clean, texture firm; see figure 1.
- J. C. Harrison: Grocery, milk, bottled, per cent butter fat, 3.80; specific gravity, 1.0325; flavor clean; texture firm; see figure 1.
- Spring Valley Dairy: Miss E. C. Marquardt; A. H. Luech, driver, cream, bottled, per cent butter fat, 23.0.
- W. M. Fredrich: Bulk cream, per cent butter fat, 24.5.

January 26, 1906. La Crosse.

- G. Friesmuth: Milk, per cent butter fat, 4.6; flavor not clean; texture firm; see figure 1+.
- II. Johnson: Milk, per cent butter fat, 4.1; flavor clean; texture firm; see figure 1.
- Geo. Hansen: Milk, per cent butter fat, 2.9-2.8; flavor not clean; texture pin-hole; see figure 2-.
- Geo. Hansen: Cream, per cent butter fat, 21.0.
- L. Casperson: Milk, per cent butter fat, 4.2; flavor not clean, texture mushy; see figure 1-.
- L. Casperson: Cream, per cent butter fat, 19.0.
- C. & O. Knutson: Milk, per cent butter fat, 4.0; flavor not clean; texture pin-hole; see figure 2-.
- C. & O. Knutson: Cream, per cent butter fat, 18.50.
- A. Isral: Milk, per cent butter fat, 5.0; flavor not clean; texture mushy; see figure 1-.
- D. Heslip: Milk, per cent butter fat, 3.9; flavor not clean; texture pin-hole; see figure 2-.
- N. C. Wall: Milk, per cent butter fat, 3.8; flavor not clean; texture firm; see figure 1.
- N. C. Wall: Cream, per cent butter fat, 18.0.
- Joe Justin: Mrs. Justin, driver, milk, per cent butter fat, 4.5; flavor bad; texture gassy; see figure 3.

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- Anton Keppel: Milk, per cent butter fat, 4.1; flavor not clean; texture mushy; see figure 1.
- Anton Keppel: Cream, per cent butter fat, 11.50.
- C. Hildrech: Milk, per cent butter fat, 3.0; flavor clean; texture firm; see figure 1.
- Delpheinich & J. Kneisel: Milk, per cent butter fat, 3.2; flavor not clean; texture slimy; see figure 1.
- Delpheinich & J. Kneisel: Cream, per cent butter fat, 18.0.
- L. Koch: Milk, per cent butter fat, 3.6; flavor clean; texture firm; see figure 1.
- Chas. Linse: Cream, per cent butter fat, 15.0.
- Chas. Linse: Milk, per cent butter fat, 4.6; flavor clean; texture firm; see figure 1.
- Anton Keppel: Milk, per cent butter fat, 4.3; flavor clean; texture firm; see figure 1.
- E. Richter: Milk, per cent butter fat, 4.1; flavor not clean; texture firm; see figure 1.
- Wm. Frederich: Milk, per cent butter fat, 4.4; flavor not clean; texture firm; see figure 1.
- Wm. Frederich: Cream, per cent butter fat, 18.50.
- The Gateway City Dairy: E. Alms, milk, per cent butter fat, 4.2; flavor not clean; texture firm; see figure 1.
- John Hoff: Milk, per cent butter fat, 4.0; flavor not clean; texture firm; see figure 1.
- Simon Larson: Milk, per cent butter fat, 3.6; flavor not clean; texture slimy; see figure 1.
- Siler Bros.: Milk, per cent butter fat, 4.0; flavor not clean; texture pin-hole; see figure 2.
- Siler Bros.: Cream, per cent butter fat, 20.50.
- Jacob Meyer: Milk, per cent butter fat, 4.5; flavor not clean; texture firm; see figure 1.
- Casper Zweifel: Milk, per cent butter fat, 4.0; flavor clean; texture firm; see figure 1.
- Casper Zweifel: Cream, per cent butter fat, 31.0.

January 26, 1906. Jefferson.

- Mrs. C. E. Bremer: H. P. Bremer, driver, can morning milk, per cent butter fat, 4.10; specific gravity, 1.0296; flavor clean; texture firm; see figure 1.
- O. E. Pumer & Co.: John Elger, driver, can, night's milk, per cent butter fat, 4.20; specific gravity, 1.0305; flavor clean; texture firm; see figure 1.
- O. E. Pumer & Co.: John Elger, driver, can, morning's milk, per cent butter fat, 4.10; specific gravity, 1.0307; flavor clean; texture firm; see figure 1.
- Bienfang Bros.: Fred. W. Bienfang, driver, can, night's milk, per cent butter fat, 4.30; specific gravity 1.0321; flavor clean; texture firm; see figure 1.
- Bienfang Bros.: Fred. W. Bienfang, driver, can, morning's milk; per cent butter fat, 4.20; specific gravity, 1.0314; flavor clean, texture firm; see figure 1.

January 30, 1906. Milwaukee.

- J. Wax, 922 Galena St.: Bulk milk; license No. 487; per cent butter fat, 3.40; specific gravity, 1.031; flavor clean; texture soft; see figure 1.
- Philip Weinert, 1015-24th St.: Bulk milk; license No. 620; per cent butter fat, 3.00; specific gravity, 1.0311; flavor clean; texture firm; see figure 1.
- W. J. Eichholz, 531-14th St.: Bulk milk; license No. 595; per cent butter fat, 3.50; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
- J. Schuniberg, 738-16th St.: Bulk milk; license No. 527; per cent butter fat, 3.20; specific gravity, 1.031; flavor clean; texture firm; see figure 1.

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- P. A. Brill, 580-19th St.: Bulk milk; license No. 637; per cent butter fat, 3.10; specific gravity 1.031; flavor not good; texture firm; see figure 1.
- A. Voigt, (Sunrise Dairy) 1165-11th St.: Bulk milk; license No. 603; per cent butter fat, 3.40; specific gravity, 1.032; flavor clean; texture firm; see figure 1.
- H. Grothe, 847-19th St.: Bulk milk; license No. 925; per cent butter fat, 3.30; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
- F. Arndt, Town of Wauwatosa: Bulk milk; license No. 526; per cent butter fat, 3.20; specific gravity, 1.0315; flavor not good; texture firm; see figure 1.
- Ed. Knobel, 1136 Richard St.: Bulk milk; license No. 931; per cent butter fat, 3.10; specific gravity 1.030; flavor clean; texture firm; see figure 1.
- Ed. Knobel, 1136 Richard St.: Bottle milk; license No. 931; per cent butter fat, 3.8; specific gravity, 1.032; flavor clean; texture soft; see figure 1.
- Gengler & Mason, 474-11th St.: Bottle milk; wagon No. 2; license No. 677; per cent butter fat, 3.6; specific gravity, 1.031; flavor not good; texture gassy; see figure 2.
- Gengler & Mason, 474-11th St.: Bulk milk; wagon No. 2; license No. 677; per cent butter fat, 3.70; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
- F. Mintzlaff, North Milwaukee. Bulk milk; license No. 667; per cent butter fat, 3.60; specific gravity, 1.0232; flavor clean; texture firm; see figure 1.
- Gridley Dairy Co., 410-412 Grand Ave.: Bottle milk; Wagon No. 33; per cent butter fat, 3.40; specific gravity, 1.0305; flavor clean; texture soft; see figure 1.
- P. F. Buerger, Town of Milwaukee: Bulk milk; per cent butter fat, 3.50; specific gravity, 1.0302; flavor clean; texture firm; see figure 1.
- Gridley Dairy Co.: H. Pierce, driver, bottled milk, per cent butter fat, 3.40; specific gravity, 1.032; flavor good; texture firm; see figure 1.
- Gridley Dairy Co.: H. Pierce, driver, bottled cream, per cent butter fat, 19.0.
- Waukesha Milk Co.: Wm. M. Delo, driver, can milk, per cent butter fat, 3.70; specific gravity, 1.031; flavor good; texture firm; see figure 1.
- Gridley Dairy Co.: J. Gottfried, driver, bottled milk, per cent butter fat, 3.20; specific gravity, 1.032; flavor bad; texture pin-hole; see figure 2.
- Gridley Dairy Co.: J. Gottfried driver, bottled cream, per cent butter fat, 18.0.
- Waukesha Milk Co.: C. Weber, driver, bottled milk, per cent butter fat, 3.60; specific gravity, 1.031; flavor good; texture firm; see figure 1.
- Waukesha Milk Co.: Wagon No. 14, C. Weber, driver, bottled cream, per cent butter fat, 18.00.
- Jas. Muench: Jas. Muench, driver, milk, can, per cent butter fat, 3.70; specific gravity, 1.0316; flavor good; texture firm; see figure 1.
- Jas. Muench: Jas. Muench, driver, cream, can, per cent butter fat, 20.00.
- Gridley Dairy Co.: Wagon No. 24, E. W. Thomas, driver, milk bottled, per cent butter fat, 3.80; specific gravity, 1.032; flavor bad; texture pin-hole; see figure 2.
- Gridley Dairy Co.: E. W. Thomas, driver, cream, bottled, per cent butter fat, 15.00.
- Edward Mielke: Licence No. 915, Edward Mielke, driver, milk, can, per cent butter fat, 3.80; specific gravity, 1.031; flavor good; texture firm; see figure 1.
- Edward Mielke: Cream, bottle, per cent butter fat, 17.00
- Gridley Dairy Co.: Wagon No. 23, H. Diel, driver, milk bottled, per cent butter fat, 3.50; specific gravity, 1.032; flavor good; texture firm; see figure 1.
- Gridley Dairy Co.: H. Diel, driver, cream, bottled, per cent butter fat, 20.00.
- Woodland Farm Dairy: F. L. Biwer, owner and driver, milk, bottled, per cent butter fat, 3.60; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
- Woodland Farm Dairy: F. L. Biwer, owner and driver, cream, bottled, per cent butter fat, 18.00.

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- Mount Pleasant Dairy Bert Madson, driver, milk, can, per cent butter fat, 3.50; specific gravity, 1.0315; flavor good; texture firm; see figure 1.
- Mount Pleasant Dairy: Bert Madson, driver, cream, per cent butter fat, 20.00.
- The American Dairy: O. E. Siegmund, owner, A. Smith, driver, milk, bottled, per cent butter fat, 3.30; specific gravity, 1.0295; flavor good; texture firm; see figure 1.
- The American Dairy: O. E. Siegmund, owner, A. Smith, driver, cream, bottled, per cent butter fat, 22.00.
- Waukesha Milk Co.: Seybolt Bros. wagon No. 2, Chas. Lustig, driver, milk, bottled, per cent butter fat, 3.70; specific gravity 1.032; flavor clean; texture firm; see figure 1.
- Waukesha Milk Co.: Seybolt Bros. Chas. Lustig, driver, cream, bottled, per cent butter fat, 18.00.

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- Wm. Kraatz, 3711 Lisbon Ave.: Milk, per cent butter fat, 3.00; specific gravity 1.0305; flavor not clean; texture firm; see figure 1.
- F. A. Lempke 1814 Vliet: Milk, per cent butter fat, 3.60; specific gravity 1.0303; flavor good; texture firm; see figure 1.
- Wittenberg Bros., 930 Locust: Milk, per cent butter fat, 3.20; specific gravity, 1.030; flavor not clean; texture slightly pin-hole; see figure 2.
- Wittenberg Bros., 930 Locust: Cream, per cent butter fat, 14.20.
- J. Laatsch, 1059 Holten: Milk, per cent butter fat, 3.60; specific gravity 1.0314; flavor good; texture firm; see figure 1.
- J. Laatsch, 1059 Holten: Milk, bottle, per cent butter fat, 4.20; specific gravity 1.0313; flavor clean; texture firm; see figure 1.
- J. Laatsch, 1059: Cream, per cent butter fat, 19.20.
- G. Hartman, 1475 12th St.: Milk, per cent butter fat, 3.80; specific gravity, 1.0313; flavor not clean; texture soft; see figure 2.
- John Dzick, 49 Center St.: Milk, per cent butter fat, 3.60; specific gravity, 1.0303; flavor, clean; texture, soft; see figure 1.
- J. Hupper, Wauwatosa: Milk, per cent butter fat, 3.60; specific gravity, 1.030; flavor, not clean; texture spongy; see figure 2.
- G. R. Carow, 693 W. 24th St.: Milk, per cent butter fat, 3.60; specific gravity, 1.0302; flavor, clean; texture, firm; see figure 1.
- G. R. Carow, 693 W. 24th St.: Cream, per cent butter fat, 15.80.
- A. Erdmann, 2807 Lisbon Ave.: Milk, per cent butter fat, 3.30; specific gravity 1.0315; flavor not clean; texture pin-hole; see figure 1.
- H. Langschwager, 1433 1st St.: Milk, per cent butter fat, 4.00; specific gravity, 1.0265; flavor, clean; texture, firm; see figure 1.
- O. E. Siegmund, 1523 Vliet: Milk, per cent butter fat, 3.70; specific gravity, 1.0295; flavor clean; texture firm; see figure 1.
- O. E. Siegmund, 1523 Vliet: Cream, per cent butter fat, 19.60.

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- Splinter Bros., 1301 Prairie St.: Milk, per cent butter fat, 3.00; specific gravity, 1.0302; flavor clean; texture firm; see figure 1.
- Splinter Bros., 1301 Prairie St.: Milk, bottle, per cent butter fat, 3.1; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
- Splinter Bros., 1301 Prairie St.: Cream, per cent butter fat, 18.00.
- W. G. Drewry: B. Baggs, driver, milk, per cent butter fat, 3.5; specific gravity 1.0302; flavor bad; texture pin-hole; see figure 3.
- W. G. Drewry: B. Baggs, driver, milk, bottle, per cent butter fat, 3.8; specific gravity, 1.0292; flavor bad; texture spongy; see figure 3.
- W. G. Drewry: B. Baggs, driver, cream, per cent butter fat, 18.20.
- Waukesha Milk Co., No. 20 342 C St.: F. Seybolt, driver, milk, per cent butter fat, 4.7; specific gravity, 1.0295; flavor clean; texture firm; see figure 1.

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- Waukesha Milk Co., No. 20, 342 C St.: F. Seybolt, driver, milk, bottle, per cent butter fat, 3.6; specific gravity, 1.0302; flavor, clean; texture, firm; see figure 1.
- C. Reiter, 1185 20th St.: H. Reiter, driver, milk, per cent butter fat, 3.5; specific gravity, 1.0290; flavor good; texture slightly pin-hole; see figure 1.
- R. Schilling, 1419 6th St.: Geo. Kohlwaier, driver, milk, per cent butter fat, 3.9; specific gravity, 1.0284; flavor not clean; texture firm; see figure 1.
- V. Kinney: Skim milk, per cent butter fat, 1.2; specific gravity 1.0332; flavor good; texture, tough; see figure 1.
- Swanee River Dairy Co., 900 28th St.: Emil Groth, driver, milk, bottle, per cent butter fat, 3.6; specific gravity, 1.0302; flavor bad; texture spongy; see figure 3.
- Swanee River Dairy Co., 900 28th St.: Emil Groth, driver, cream, bottle, per cent butter fat, 16.10.
- John Thuman, 936 28th St.: Milk, per cent butter fat, 4.0; specific gravity, 1.0302; flavor bad; texture pin-hole; see figure 2.
- Frank Fisher, 2026 Fond du Lac Ave.: Milk, per cent butter fat, 3.4; specific gravity, 1.0302; flavor, clean; texture, soft; see figure 1.
- Frank Fisher, 2026 Fond du Lac Ave.: Milk, bottle, per cent butter fat, 3.6; specific gravity, 1.0294; flavor, not clean; texture, firm; see figure 1.
- T. Lambrecht, 892.11th St.: Skim milk, specific gravity, 1.0304.
- F. Schrubbe, Wauwatosa: Milk, per cent butter fat, 3.3; specific gravity, 1.0303; flavor bad; texture firm; see figure 2.
- E. Schmidt, 2713 Walnut St.: Milk, per cent butter fat, 3.9; specific gravity, 1.0295; flavor, clean; texture, firm; see figure 1.
- T. Conlin, 732.38th St.: Milk, per cent butter fat, 2.7; specific gravity, 1.029; flavor clean; texture firm; see figure 1.
- T. Conlin, 732.38th St.: Milk, bottle, per cent butter fat, 4.5; specific gravity, 1.032; flavor clean; texture firm; see figure 1.
- Gridley Dairy Co., 410, 412 Grand Ave.: Wm. Voss, driver, per cent butter fat, 3.4; specific gravity, 1.0315; flavor good; texture, firm; see figure 1.
- William O'Connor, 516 Grand Ave.: Ed. Zietlow, driver, milk, per cent butter fat, 3.7; specific gravity, 1.0315; flavor, not perfect; texture, pinhole; see figure 2.
- Waukesha Milk Co., 342.6th St.: B. E. Kibbe, driver, milk, per cent butter fat, 3.4; specific gravity, 1.0305; flavor good; texture firm; see figure 1.
- F. Boettcher, 307-23d St.: Otto Boettcher, driver, milk, per cent butter fat, 3.4; specific gravity, 1.0295; flavor clean; texture firm; see figure 1.
- Alfred Ammann, 596 W 24th St., Clover Field Dairy: Milk, per cent butter fat 3.9; specific gravity, 1.0315; flavor good; texture firm; see figure 1.
- Waukesha Milk Co., 342.6th St.: J. Sonnen driver, milk, per cent butter fat, 3.6; specific gravity, 1.0315; flavor good; texture firm; see figure 1.
- T. H. Moffit, 250 28th St.: Milk, per cent butter fat, 3.2; specific gravity, 1.030; flavor, bad; texture, firm; see figure 1.
- D. Dallman, 748-10th St.: Milk, per cent butter fat, 3.9; specific gravity, 1.0295; flavor, clean; texture, soft; see figure 1.
- T. Wilke, 1329 Booth St.: Milk, per cent butter fat, 3; specific gravity; 1.0285; flavor clean; texture firm; see figure 1.
- Gridley Dairy Co., 410, 412 Grand Ave.: F. Kraniak driver, milk, per cent butter fat, 3.2; specific gravity, 1.0315; flavor clean; texture firm; see figure 1.
- Gridley Dairy Co., 410, 412 Grand Ave.: O. Duwmer, driver, milk, per cent butter fat, 3.5; specific gravity, 1.0315; flavor clean; texture firm; see figure 1.
- Conrad Raiter, 1185-20th St.: Herman Raiter, driver, milk, per cent butter fat, 4.0; specific gravity; 1.031; flavor clean; texture firm; see figure 1.
- A. Parz, 1012-11th St.: Milk, per cent butter fat, 3.2; specific gravity, 1.0305; flavor clean; texture firm; see figure 1.
- A. Barz, 1012-11th St.: Cream, per cent butter fat, 17.2.
- Wm. Pollock, 1153 W. Water St.: Milk, per cent butter fat, 3.6; specific gravity, 1.032; flavor clean; texture soft; see figure 1.

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- Jos. Tepper, 65 E. Water St.: Milk, per cent butter fat, 3.6; specific gravity, 1.0315; flavor clean; texture firm; see figure 1.
- Fred Buruger, 993 Buffon St.: Milk, per cent butter fat, 3.7; specific gravity, 1.0295; flavor bad; texture soft; see figure 1.
- Gridley Dairy Co., 410, 412 Grand Ave.: J. Erdman, driver, cream, per cent butter fat, 20.0.
- F. J. Martin, 1060-9th St.: Milk, per cent butter fat, 3.4; specific gravity, 1.0315; flavor good; texture firm; see figure 1.
- A. Voight, 1165-11th St.: Cream, per cent butter fat, 23.0
- Ackmann Bros., 2454 Vliet St.: Milk per cent butter fat, 3.8; specific gravity, 1.0305; flavor clean; texture soft; see figure 1.
- Fred. Koepper, Belle Dairy: Milk, per cent butter fat, 3.6; specific gravity, 1.031; flavor bad; texture firm; see figure 1.
- Fred. Koepper, Belle Dairy: Cream, per cent butter fat, 18.0.
- S. V. Gridley Dairy Co., License No. 462: Walter Nelson, driver, milk, per cent butter fat, 3.4; specific gravity, 1.0314; flavor clean; texture firm; see figure 1.
- H. Hass & Co.: Milk, per cent butter fat, 3.5; specific gravity, 1.028; flavor clean; texture firm; see figure 1.
- S. V. Gridley Dairy Co., License No. 462: John Erdman, driver, milk, per cent butter fat, 4.0; specific gravity, 1.030; flavor clean; texture firm see figure 1.
- Wm. Steffin, 1029-15th St.: Milk, per cent butter fat, 3.2; specific gravity, 1.0314; flavor bad; texture pin-hole; see figure 2.
- Granville Dairy: Ernest Goal, driver, per cent butter fat, 4.0; specific gravity, 1.0314; flavor good; texture firm; see figure 1.
- Valley Farm Jersey Dairy, 1802 Walnut St.: A. Fidler, driver, milk, per cent butter fat, 3.5; specific gravity, 1.031; flavor, not clean; texture, pinhole; see figure 2.
- Maqueen Milk Co.: Otto Pepper, driver, milk, per cent butter fat, 4.0; specific gravity, 1.031; flavor clean; texture soft; see figure 1.
- Palm Meadow Dairy Co.: M. C. Behlung, driver, per cent butter fat, 3.1; specific gravity, 1.027; flavor not clean; texture firm; see figure 1.
- Wauwatosa Dairy, 1012-11th St.: A. B. Barn, driver, milk, per cent butter fat, 3.4; specific gravity, 1.0314; flavor, clean; texture, firm; see figure 1.
- Gridley Dairy Co., No. 423: F. Schundler, driver, milk, per cent butter fat, 3.8; specific gravity, 1.031; flavor clean; texture firm; see figure 1.
- Green Baum Dairy Co.: Jos. Schunburg, driver, milk, per cent butter fat, 3.7; specific gravity, 1.032; flavor clean; texture firm; see figure 1.
- Jos. Weinert, 477 Holton St. Dairy: Milk, per cent butter fat, 4.0; specific gravity, 1.0314; flavor clean; texture soft; see figure 2.
- J. Saatch, 1059 Koll St.: Milk, per cent butter fat, 4.0; specific gravity, 1.0314; flavor clean; texture soft; see figure 2.
- Gengler & Maars, License No. 3: Milk per cent butter fat, 3.4; specific gravity 1.031; flavor good: texture firm; see figure 1.
- The Swanee River Dairy: H. T. Bartel, driver, milk, per cent butter fat, 3.8; specific gravity, 1.0314; flavor clean; texture firm; see figure 1.
- January 31, 1906. City Milk, Milwaukee.
- B. Woodcock, 314-30th Ave.: B. Woodcock, driver, milk, per cent butter fat, 3.6; specific gravity, 1.0325; flavor not perfect, texture slightly pin-hole; see figure 2.
- Gridley Dairy Co.: License No. 449; J. H. Wehr, driver; milk, per cent butter fat, 3.1; specific gravity, 1.0325; flavor not perfect; texture slightly pin-hole; see figure 2.
- J. Schorkenbach, 1013-23 Ave.: License 407; milk, per cent butter fat, 3.4; specific gravity, 1.0324; flavor good; texture firm; see figure 1.
- F. Reske, 598-19th Ave.: License 554; milk, per cent butter fat, 3.5; specific gravity, 1.0316; flavor, good; texture, slightly pinhole; see figure 2.

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Sayton Park Dairy: E. Peppen, driver; license 408; milk, per cent butter fat, 3.3; specific gravity, 1.0319; flavor good; texture slightly pin-hole; see figure 2.

Owen G. Gaulka, 766 Buhe St.: Owen C. Gaulka, driver; license 671; milk, per cent butter fat, 3.7; specific gravity, 1.0309; flavor, good; texture, firm; see figure 1.

H. J. Jahnka: License 786; J. Braatz, driver, milk, per cent butter fat, 3.2; specific gravity 1.0303; flavor not perfect; texture firm; see figure 1.

J. Knusten: Driver, J. Knusten. License 568; milk, per cent butter fat, 3.2; specific gravity, 1.0313; flavor not perfect; texture firm; see figure 1.

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O. Rogers: Milk, per cent butter fat, 4.2; specific gravity, 1.031; flavor clean; texture firm; see figure 1.

O. Rogers: Cream, per cent butter fat, 20.0.

J. Kuehnlein: Milk, per cent butter fat, 3.1; specific gravity, 1.032; flavor clean; texture firm; see figure 1.

Wm. O'Connor: Milk, per cent butter fat, 3.4; specific gravity, 1.030; flavor clean; texture firm; see figure 1.

Wm. O'Connor: Cream, per cent butter fat, 21.0.

P. Madden: Milk, per cent butter fat 3.60; specific gravity, 1.030; flavor good; texture slightly pin-hole; see figure 2.

Gridley Dairy Co.. Milk, per cent butter fat, 3.60; specific gravity, 1.302; flavor good; texture firm; see figure 1.

O. Raster: Milk, per cent butter fat, 3.60; specific gravity, 1.032; flavor good; texture firm; see figure 1.

H. P. Kaye: Milk, per cent butter fat, 3.80; specific gravity, 1.0325; flavor good; texture firm; see figure 1.

H. Moudlock: Milk, per cent butter fat, 4.00; specific gravity, 1.0315; flavor good; texture firm; see figure 1.

Wm. Marquardt: Milk, per cent butter fat, 3.50; specific gravity, 1.030; flavor, good; texture, firm; see figure 1.

A. J. Fuchs: Specific gravity, 1.025; flavor, good; texture, soft; see figure 1.

Wm. Marquardt: Milk, per cent butter fat, 4.40; specific gravity, 1.033; flavor good; texture firm; see figure 1.

M. F. Bertke: Milk, per cent butter fat, 4.40; specific gravity, 1.033; flavor, good; texture firm; see figure 1.

H. Bauman: Milk, per cent butter fat, 4.10; specific gravity, 1.031; flavor not perfect; texture firm; see figure 1.

S. H. Stewart. Milk, per cent butter fat, 3.6; specific gravity 1.032; flavor clean; texture firm; see figure 1.

S. H. Stewart: Cream, per cent butter fat, 13.5.

J. F. Bennett: Milk, per cent butter fat, 3.6; specific gravity, 1.0325; flavor, clean; texture firm; see figure 1.

J. F. Bennett: Cream, per cent butter fat, 20.5.

Waukeshah: Milk, per cent butter fat, 2.7; specific gravity, 1.032; flavor clean; texture firm; see figure 1.

Waukeshah: Cream, per cent butter fat, 17.0.

Wm. O'Connor, East Side: Milk, per cent butter fat, 2.8; specific gravity, 1.0325; flavor clean; texture firm; see figure 1.

Wm. O'Connor, East Side: Cream, per cent butter fat, 20.5.

Gridley Dairy Co.: Milk, per cent butter fat, 3.8; specific gravity, 1.031; flavor clean; texture firm; see figure 1.

Gridley Dairy Co.: Cream, per cent butter fat, 18.50.

Kieckheffer: Milk, per cent butter fat, 3.8; specific gravity, 1.0325; flavor clean; texture firm; see figure 1.

Kieckheffer: Cream, per cent butter fat, 15.0.

Gridley Dairy Co.: Milk, per cent butter fat, 3.8; specific gravity, 1.032; flavor clean; texture firm; see figure 1.

Gridley Dairy Co.: Cream, per cent butter fat, 19.5.

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- C. Barth Jersey Dairy: Milk, per cent butter fat, 3.7; specific gravity, 1.0295; flavor clean; texture soft; see figure 1.
- C. Barth Jersey Dairy: Cream, per cent butter fat, 21.0.
- Chas. Adler: Milk, per cent butter fat, 2.9; specific gravity, 1.0295; flavor clean; texture firm; see figure 1.
- Chas. Adler: Cream, per cent butter fat, 15.5.
- Chas. Adler Jersey Milk: Milk, per cent butter fat, 3.6; specific gravity, 1.031; flavor clean; texture firm; see figure 1.
- Gridley Dairy Co.: Milk, per cent butter fat, 3.6; specific gravity, 1.0315; flavor clean; texture firm; see figure 1.
- Robert Schilling & Son: Milk, per cent butter fat, 4.1; specific gravity, 1.0305; flavor clean; texture soft; see figure 1.
- Robert Schilling & Son: Cream, per cent butter fat, 21.5.
- Gridley Dairy Co.: Milk, per cent butter fat, 3.4; specific gravity, 1.0315; flavor clean; texture soft; see figure 1.
- Gridley Dairy Co.: Cream, per cent butter fat, 19.0.
- Jul. Lockstadt: Milk, per cent butter fat, 3.2; specific gravity, 1.030; flavor clean; texture soft; see figure 1.
- F. Winninghoff: Milk, per cent butter fat, 3.5; specific gravity, 1.0305; flavor clean; texture firm; see figure 1.
- Edw. Mielke: Milk, per cent butter fat, 3.7; specific gravity, 1.031; flavor, clean; texture soft; see figure 1.
- J. Veez: Milk, per cent butter fat, 3.5; specific gravity, 1.0315; flavor not perfect; texture firm; see figure 1.
- A. Zink, 1332 Louis Ave.: Milk, per cent butter fat, 3.8; specific gravity, 1.0303; flavor clean; texture firm; see figure 1.
- A. Zink, 1332 Louis Ave.: Cream, per cent butter fat, 16.6; flavor, not clean; texture, pinhole; see figure 2.
- Julius Skierawski: Milk, per cent butter fat, 3.5; specific gravity, 1.0312; flavor not clean; texture slightly pin-hole; see figure 2.
- M. Benz, 1192 N. Pierce St.: William Kohlweiss, driver, milk, bottle, per cent butter fat, 3.7; specific gravity, 1.0302; flavor not perfect; texture firm; see figure 1.
- M. Benz, 1192 N. Pierce St.: Wm. Kohlweiss, driver, cream, per cent butter fat, 10.2.
- L. V. Gridley Dairy Co., 410, 412 Grand Ave.: John Erdman, driver; bottle milk, per cent butter fat, 3.4; specific gravity, 1.0312; flavor, good; texture, firm; see figure 1.
- L. V. Gridley Dairy Co., 410, 412 Grand Ave.: John Erdman, driver, cream, per cent butter fat, 19.0.
- A. L. Ische, 7th Lake St., Gibbson Corner: Milk, per cent butter fat, 3.4 specific gravity, 1.028; flavor clean; texture, firm; see figure 1.
- A. L. Ische, 7th Lake St., Gibbson Corner: Cream, per cent butter fat, 16.4.
- A. Juedes, 146 Chamber St.: Milk, per cent butter fat, 3.8; specific gravity, 1.0315; flavor clean; texture firm; see figure 1.
- A. Richard, Thiensville Milk Co.: Milk, per cent butter fat, 4.0; specific gravity, 1.0303; flavor not clean; texture pin-hole; see figure 2.
- A. Richard, Thiensville Milk Co.: Cream, per cent butter fat, 17.6.
- A. Ische, 310 Keefe Ave.: Milk, per cent butter fat, 3.5; specific gravity, 1.0272; flavor, not clean; texture, soft; see figure 2.
- A. Ische 310 Keefe Ave.: Cream, per cent butter fat, 21.0
- H. Leuch, 1437 11th St.: Milk, per cent butter fat, 3.6; specific gravity, 1.0302; flavor clean; texture firm; see figure 1.
- Seybold Bros, L. N. 500, Waukesha Milk Co.: Bottle milk, per cent butter fat, 3.4; specific gravity, 1.0304; flavor clean; texture firm; see figure 1.
- Seybold Bros., L. N. 500, Waukesha Milk Co.: Cream, per cent butter fat, 16.4.
- A. M. Werner, 1226 Chambers St.: License No. 659; milk, per cent butter fat, 3.5; specific gravity, 1.0312; flavor clean; texture firm; see figure 1.
- Fred Knobel, 1024 Weight St.: License No. 518; milk, per cent butter fat, 3.9; specific gravity, 1.0314; flavor clean; texture firm; see figure 1.

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- Fred. Knobel, 1024 Weight St.: License No. 518; cream, per cent butter fat, 21.5.
- Fred Polzin, 2437 Keefe Ave.: License No. 602; milk, per cent butter fat, 3.5; specific gravity, 1.0294; flavor, clean; texture, firm; see figure 1.
- W. Anton & Son, 791-22nd St.: License No. 921; P. Anton, driver, bottle milk, per cent butter fat, 3.4; specific gravity, 1.0302; flavor clean; texture firm; see figure 1.
- John Trapp, 779-38th St.: License No. 517; milk, per cent butter fat, 3.6; specific gravity, 1.030; flavor good; texture firm; see figure 1.
- Otto Petz, 1267-20th St.: License No. 729; milk, per cent butter fat, 3.7; specific gravity, 1.0303; flavor good; texture firm; see figure 1.
- H. Broetzman: License No. 865; bottle milk, per cent butter fat, 3.2; specific gravity, 1.0324; flavor, perfect; texture, firm; see figure 1.
- G. Bauman, 1325 Booth St. License No. 656; milk, specific gravity, 1.0302; flavor clean; texture firm; see figure 1.
- Voigt Bros., 1148-8th St.: License No. 715; bottle milk, per cent butter fat, 3.8; specific gravity, 1.031; flavor good; texture firm; see figure 1.
- Gridley Dairy Co., 410-412 Grand Ave.: Milk, per cent butter fat, 3.4; specific gravity, 1.031; flavor clean; texture firm; see figure 1.
- Gridley Dairy Co., 410-412 Grand Ave.: Cream, per cent butter fat, 20.0.
- Splinter Bros., 1301 Prairie St.: Milk, per cent butter fat, 2.9; specific gravity, 1.0315; flavor perfect; texture firm; see figure 1.
- Splinter Bros., 1301 Prairie St.: Cream, per cent butter fat, 16.50.
- O. E. Siegmund, 1523 Vliet St.: Milk, per cent butter fat, 4.40; specific gravity 1.031; flavor perfect; texture firm; see figure 1.
- O. E. Siegmund, 1523 Vliet St.: Cream, per cent butter fat, 21.00.
- Wm. O'Connor, 516 Grand Ave.: Milk, per cent butter fat, 4.20; specific gravity, 1.033; flavor clean; texture firm; see figure 1.
- Wm. O'Connor, 516 Grand Ave.: Cream, per cent butter fat, 16.50.
- W. Dorbat, Wauwatosa, Wis.: Milk, per cent butter fat, 3.50; specific gravity, 1.029; flavor clean; texture firm; see figure 1.
- Wm. Eschenburg, 401-6th Ave.: Milk, per cent butter fat, 3.6; specific gravity, 1.031; flavor clean; texture, firm; see figure 1.
- Wm. Eschenburg, 401-6th Ave.: Cream, per cent butter fat, 22.00.
- Splinter Bros., 1301 Prairie: Milk, per cent butter fat, 3.70; specific gravity, 1.031; flavor clean; texture firm; see figure 1.
- Louis Gruebbing, 43-2nd St.: Milk, per cent butter fat, 3.2; specific gravity, 1.026; flavor clean; texture firm; see figure 1.
- A. H. Redemann, 739-31st St.: Milk, per cent butter fat, 3.70; specific gravity, 1.0315; flavor perfect; texture firm; see figure 1.
- Waukesha Milk Co., 342-6th St.: Milk, per cent butter fat, 3.60; specific gravity, 1.0305; flavor clean; texture firm; see figure 1.
- Gridley Dairy Co., 410-412 Grand Ave.: Milk, per cent butter fat, 3.40; specific gravity, 1.031; flavor good; texture firm; see figure 1.
- James Nowoty, 320 Bradley St.: License No. 410, milk, per cent butter fat 3.6; specific gravity, 1.0287; flavor, not clean; texture, pinholey; see figure 2.
- James Nowoty, 326 Bradley St.: License No. 410; Cream, per cent butter fat, 14.4.
- Sponholtz Bros., 529-9th Ave.: License No. 811; milk, per cent butter fat, 3.4; specific gravity, 1.0306; flavor good; texture slightly pin-hole; see figure 2.
- Sponholtz Bros., 529-9th Ave.: Bottle milk, per cent butter fat, 3.7; specific gravity, 1.0310; flavor, clean; texture, firm; see figure 1.
- D. Sheahan, 366-1st Ave.: License No. 661; milk, per cent butter fat, 3.0; specific gravity, 1.0289; flavor clean; texture firm; see figure 1.
- D. Sheahan, 366-1st Ave.: Cream, per cent butter fat, 18.2.
- U. S. Hartford Milk Co., 297 Grove St.: License No. 882; A. Stover, driver, wagon No. 1, milk, per cent butter fat, 3.8; specific gravity, 1.032; flavor clean; texture firm; see figure 1.
- U. S. Hartford Milk Co., 297 Grove St.: Bottle milk, per cent butter fat, 2.9; specific gravity, 1.0332; flavor clean; texture firm; see figure 1.

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- F. F. Tillman, 322 Hanover St.: License No. 621; milk, per cent butter fat, 4.2; specific gravity, 1.0321; flavor not clean; texture pin-hole; see figure 2.
- F. F. Tillman, 322 Hanover St.: Bottle milk, per cent butter fat, 3.8; specific gravity, 1.0321; flavor good; texture slightly pin-hole; see figure 2.
- J. T. Kover, 577-3rd Ave.: License No. 459; milk, per cent butter fat, 3.6; specific gravity, 1.0289; flavor good; texture slightly pin-hole; see figure 2.
- Gridley Dairy Co.: Wagon No. 42, Brisbane, driver, No. 35; License No. 452; bottle milk, per cent butter fat, 3.5; specific gravity, 1.0321; flavor, clean; texture, slightly pinhole; see figure 2.
- Gridley Dairy Co.: Brisbane, driver, No 35; cream, per cent butter fat, 18.0.
- F. L. Biwer, West Allis: License No. 566; P. Biwer, driver; milk, per cent butter fat, 3.2; specific gravity, 1.0326; flavor clean; texture firm; see figure 1.
- L. S. Learnard, West Allis: Milk, per cent butter fat, 2.5; specific gravity, 1.0317; flavor not clean; texture firm; see figure 1.
- F. L. Biwer, West Allis: Peter Biwer, driver; milk, per cent butter fat, 3.4; specific gravity, 1.0317; flavor clean; texture firm; see figure 1.
- J. H. Wehr, Town Lake, R. F. D., 2. H. Wehr, driver; milk, per cent butter fat, 4.3; specific gravity, 1.0317; flavor not clean; texture slightly pin-hole; see figure 2.
- J. W. Becker, Station D., R. F. D. 3: Milk, per cent butter fat, 3.8; specific gravity, 1.0291; flavor good; texture firm; see figure 1.
- R. Shilling & Sons, 1419-6th St.: Gus Moratsky, driver; milk, per cent butter fat 3.8; specific gravity, 1.033; flavor not perfect; texture slightly pin-hole; see figure 2.
- G. R. Sandow, 650-23rd Ave.: Albert Sandow, driver; milk, per cent butter fat, 3.6; specific gravity, 1.0326; flavor clean; texture firm; see figure 1.
- F. Reiske, 598-18th Ave.: Milk, per cent butter fat, 3.9; specific gravity, 1.0316; flavor good; texture firm; see figure 1.
- F. H. Harmeyer, 258 Grove St.: E. Weber driver; milk, per cent butter fat, 3.4; specific gravity, 1.0301; flavor good; texture firm; see figure 1.
- E. Post, 734-26th Ave.: Milk, per cent butter fat, 3.9; specific gravity, 1.0326; flavor clean; texture firm; see figure 1.
- I. Knutson, 466 Scott St.: Milk, per cent butter fat, 3.4; specific gravity, 1.0303; flavor not perfect; texture slightly pin-hole; see figure 2.
- G. Gaulke, 766 Beecher St.: Milk, per cent butter fat, 3.8; specific gravity, 1.0316; flavor clean; texture firm; see figure 1.
- Jos. Nowobny, 236 Brady St.: Milk, per cent butter fat, 3.6; specific gravity, 1.0316; flavor clean; texture soft; see figure 1.
- I. Knutson, 466 Scott St.: Cream, per cent butter fat, 16.5.
- Wm. Johnson, 569-26th Ave.: Milk per cent butter fat, 3.4; specific gravity, 1.0296; flavor, clean; texture firm; see figure 1.
- E. F. Finger & Sons, North Greenfield: E. F. Finger, driver; milk, per cent butter fat, 3.2; specific gravity, 1.031; flavor good; texture slightly pin-hole; see figure 2.
- Nursing Milk Establishment, Robert Shillings & Sons, 1419-6th: Otto Schmidt, driver; milk, per cent butter fat, 3.10; specific gravity, 1.0299; flavor, good; texture, firm; see figure 1.
- Hartford Milk Co., 297 Grove St.: Heckendorf & Stover, W. M. Heckendorf, driver, can, milk, per cent butter fat, 4.20; specific gravity, 1.0309; flavor, not perfect; texture, firm; see figure 1.
- Waukesha Milk Co., 344-6th: E. Vollbrecht, license No. 504; can milk, per cent butter fat, 3.50; specific gravity, 1.0309; flavor clean; texture firm; see figure 1.
- John Skiera, owner and driver, Penn. St., Cudahy P. O.; Joe Skiera, driver, license No. 853: Can milk, per cent butter fat, 3.90; specific gravity, 1.0299; flavor good; texture firm; see figure 1.

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- Waukesha Dairy 534-5th Ave.: M. F. Bertke, owner and driver; license No. 804; can milk, per cent butter fat, 3.40; specific gravity, 1.029; flavor, clean; texture, firm; see figure 1.
- Price Dairy, license No. 463: J. D. Price, 414 Superior St.; can milk, per cent butter fat, 3.30; specific gravity, 1.0319; flavor, clean; texture, firm; see figure 1.
- H. Windrinn, owner and driver, R. R. 2, Town Lakes, license No. 464: milk, per cent butter fat, 3.80; specific gravity, 1.0319; flavor, not perfect; texture, firm; see figure 1.
- H. P. Keye, owner and driver, 405 Superior St., license No. 464; milk, per cent butter fat, 3.60; specific gravity, 1.0299; flavor, good; texture, firm; see figure 1.
- C. Raster, Oak Cream Dairy, Odjen St., license No. 726; Otto Raster, Jr., driver; can milk, per cent butter fat, 4.00; specific gravity, 1.0299; flavor, clean; texture, firm; see figure 1.
- A. J. Fughs, 1030 Greenfield Ave.: Chas. Fughs, driver; can milk, per cent butter fat, 3.00; specific gravity, 1.0239; flavor, good; texture, firm; see figure 1.
- A. J. Fughs, 1030 Greenfield Ave.: Chas. Fughs, driver; can cream, per cent butter fat, 18.0.
- T. P. Leonard, West Allis, license No. 815; can milk, per cent butter fat, 3.70; specific gravity, 1.0319; flavor, clean; texture, firm; see figure 1.
- Albert Schultz, No. 741; milk, per cent butter fat, 3.8; specific gravity, 1.032; flavor, bad; texture, slightly pinhole; see figure 2.
- Nick Stockwook, No. 657; milk, per cent butter fat, 3.5; specific gravity, 1.032; flavor, good; texture, slightly pinhole; see figure 2.
- Wm. Froeming, No. 558; milk, per cent butter fat, 3.3; specific gravity, 1.0255; flavor, good; texture, pin-hole; see figure 2.
- A. Jaeschke, No. 894; milk, per cent butter fat, 3.8; specific gravity, 1.029; flavor, good; texture, slightly pinhole; see figure 2.
- Herman Roecker, No. 681; milk, per cent butter fat, 4.0; specific gravity, 1.032; flavor, not clean; texture, pinhole; see figure 2.
- John Bieganske, No. 1030-2nd Ave.: Store dealer; milk, per cent butter fat, 4.0; specific gravity, 1.032; flavor, not clean; texture, slightly pinhole; see figure 2.
- John Warras, No. 877; milk, per cent butter fat, 3.9; specific gravity, 1.0318; flavor, bad; texture, pinhole; see figure 2.
- Albert Paczkowski, 5th Ave., Russell; milk, per cent butter fat, 4.0; specific gravity, 1.0328; flavor, good; texture, slightly pinhole; see figure 2.
- F. Schossow, No. 472; milk, per cent butter fat, 4.1; specific gravity, 1.032; flavor, good; texture, slightly pinhole; see figure 2.
- F. Schossow, No. 472; cream, per cent butter fat, 15.0.
- W. R. McKowan, No. 849; milk can, per cent butter fat, 3.4; specific gravity, 1.0328; flavor, good; texture, slightly pinhole; see figure 2.
- W. R. McKowan, No. 849; milk bottle, per cent butter fat, 3.8; specific gravity, 1.032; flavor, not perfect; texture, slightly pinhole; see figure 2.
- W. R. McKowan, No. 849; cream, per cent butter fat, 14.0.
- A. A. Feldmeier, milk bottle, per cent butter fat, 3.4; specific gravity, 1.0295; flavor, good; texture, slightly pinhole; see figure 2.
- L. Braun, Jr., R. F. D. No. 4, Sta. A., Milwaukee, Wis.; per cent butter fat, 4.00; specific gravity, 1.029; flavor, bad; texture, slightly pinhole; see figure 2.
- J. Thiede, 1069-29th Ave., Milwaukee, Wis.; per cent butter fat, 4.60; specific gravity, 1.0313; flavor not perfect; texture firm; see figure 1.
- Jacob Kleis, 588-19th Ave., Milwaukee, Wis.; per cent butter fat, 3.40; specific gravity, 1.0326; flavor, bad; texture, slightly pinhole; see figure 2.
- Robert J. Bruimer, R. F. D. No. 2, Sta. D., Milwaukee, Wis.; per cent butter fat, 3.40; specific gravity, 1.0329; flavor, not good; texture, slightly pinhole; see figure 2.
- A. Brockmann, 1072 Hayse Ave., Milwaukee, Wis.; per cent butter fat, 3.40; specific gravity, 1.027; flavor, not perfect; texture, firm; see figure 1.

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- A. Nolte, R. F. D. Sta. 4, Milwaukee, Wis.; per cent butter fat, 3.20; specific gravity, 1.0316; flavor, clean; texture, firm; see figure 1.
- J. Scherkenbach, 1013-23d Ave., Milwaukee, Wis.; per cent butter fat, 3.10; specific gravity, 1.0286; flavor, bad; texture, spongy; see figure 2.
- H. J. Jahnke, Hales Corners, Wis.; per cent butter fat, 3.60; specific gravity, 1.0302; flavor, not perfect; texture, firm; see figure 1.
- L. McCabe, 643 Washington St., Milwaukee, Wis.; per cent butter fat, 3.40; specific gravity, 1.0311; flavor, not perfect; texture, slightly pinholey; see figure 2.
- F. W. Thiesenhusen, Layton Park, Milwaukee, Wis.; per cent butter fat, 3.30; specific gravity, 1.0317; flavor, bad; texture, slightly pinholey; see figure 2.
- V. Seerup, R. F. D. No. 2, Sta. D., Milwaukee, Wis.; per cent butter fat, 3.90; specific gravity, 1.0305; flavor, good; texture, firm; see figure 1.
- Herman Jahnke, 665-13th and Mitchell Sts., Milwaukee, Wis.; per cent butter fat, 3.80; specific gravity, 1.0321; flavor good; texture, firm; see figure 1.
- W. J. Lampier, West Allis, Milwaukee, Wis.; per cent butter fat, 3.90; specific gravity, 1.0307; flavor, good; texture, firm; see figure 1.
- Albert Sahr, L-30th St., Milwaukee, Wis.; per cent butter fat, 3.30; specific gravity, 1.0251; flavor, good; texture, firm; see figure 1.
- A. Baumgardt, Mills Corners, license No. 772; bulk milk, per cent butter fat, 4.20; specific gravity, 1.032; flavor clean; texture, firm; see figure 1.
- J. A. Biver, 1278 Orchard Place; bottle milk, per cent butter fat, 3.30; specific gravity, 1.031; flavor, clean; texture, firm; see figure 1.
- J. A. Biver, 1278 Orchard Place; can milk, per cent butter fat, 4.00; specific gravity, 1.0315; flavor, not clean; texture, firm; see figure 1.
- Frank Luedtke, 627-7th St. license No. 928; buttermilk, per cent butter fat, 20 February 6, 1906. Neenah and Menasha.
- F. W. Stecker, Neenah Creamery, 126 E. Wisconsin Ave.; can milk, per cent butter fat, 3.80; specific gravity, 1.0323; flavor, clean; texture, firm; see figure 1.
- F. W. Stecker, Neenah Creamery, 126 E. Washington Ave.; bottled cream, per cent butter fat, 20.5.
- H. Kophingst, Lake Shore Dairy, Neenah, Wis.; can milk, per cent butter fat, 3.80; specific gravity, 1.0312; flavor, not perfect; texture, slightly pinholey; see figure 2.
- H. Kophingst, Lake Shore Dairy, Neenah, Wis.; bottled cream, per cent butter fat, 19.0.
- McCauley, Neenah, Wis.; can milk, per cent butter fat, 4.; specific gravity, 1.032; flavor, clean; texture, firm; see figure 1.
- McCauley, Neenah, Wis.; can cream, per cent butter fat, 22.0.
- J. Lloid, Neenah, Wis.; bottled cream, per cent butter fat, 18.0.
- Mike Smletzka, Jr., Menasha Dairy, Menasha; can milk, per cent butter fat, 4.70; specific gravity, 1.0315; flavor, clean; texture, firm; see figure 1.
- Mike Smletzka, Jr., Menasha Dairy, Menasha; can milk, per cent butter fat, 4.80; specific gravity, 1.0315; flavor, clean; texture, firm; see figure 1.
- W. M. Gear, Daisy Dairy, Menasha, Wis.; can milk, per cent butter fat, 3.80; specific gravity, 1.0304; flavor, clean; texture, firm; see figure 1.
- February 6, 1906. Monroe.
- Frank Thorp, milk, per cent butter fat, 4.6; specific gravity, 1.0316; flavor, clean; texture, firm; see figure 1.
- E. Grevitt, milk, per cent butter fat, 4.9; specific gravity, 1.031; flavor, bad; texture, firm; see figure 1.
- E. Grevitt, mornings milk, per cent butter fat, 5.4; specific gravity, 1.0305; flavor, clean; texture, firm; see figure 1.
- C. J. Harnan, can milk, per cent butter fat, 4.0; specific gravity, 1.0305; flavor, bad; texture, pinholey; see figure 2.
- C. J. Harnan, cream, per cent butter fat, 14.6.
- C. J. Harnan, large bottle cream, per cent butter fat, 14.6.
- J. H. Kleeberger, milk, per cent butter fat, 3.25; specific gravity, 1.0315; flavor, not clean; texture, slightly pinholey; see figure 2.
- J. H. Kleeberger, cream, per cent butter fat, 28.

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Dick Thorn, milk, per cent butter fat, 4.0; specific gravity, 1.0296; flavor, clean; texture, firm; see figure 1.

C. A. Goddard, milk, per cent butter fat, 4.2; specific gravity, 1.0292; flavor, not perfect; texture, firm; see figure 1.

February 7, 1906. Green Bay.

Green Bay Pure Milk Co.; driver, Petter Larson, bottled milk, per cent butter fat, 4.10; specific gravity, 1.0313; flavor, clean; texture, firm; see figure 1.

Green Bay Pure Milk Co., 117 So. Washington St., P. Larson, driver; bottled cream, per cent butter fat, 25.5.

W. Wilson & Sons, Green Bay, Box 1513; can milk, per cent butter fat, 4.30; specific gravity, 1.0308; flavor, clean; texture, firm; see figure 1.

W. Wilson & Son's Green Bay, Box 1513; can cream, per cent butter fat, 19.0.

Green Bay Pure Milk Co., John Spude, driver; bottled milk, per cent butter fat, 4.20; specific gravity, 1.0306; flavor, clean; texture, firm; see figure 1.

Green Bay Pure Milk Co., John Spude, driver; bottled cream, per cent butter fat, 26.0.

Anderson & Wendricks, Green Bay, J. T. Hebert, driver; can milk, per cent butter fat, 3.50; specific gravity, 1.0307; flavor, clean; texture, firm; see figure 1.

Anderson & Wendricks, Green Bay, J. T. Hebert, driver; can cream, per cent butter fat, 21.0.

Anderson & Wendricks, Green Bay, Wis., Joe Anderson, driver; can milk, per cent butter fat, 3.80; specific gravity, 1.0305; flavor, not clean; texture, firm; see figure 1.

Anderson & Wendricks, Green Bay, Joe Anderson, driver, can cream, per cent butter fat, 21.0.

Mrs. W. M. Vanderbrook, Green Bay, R. Lison, driver; can milk, per cent butter fat, 5.; specific gravity, 1.0305; flavor, clean, texture, firm; see figure 1.

Wilson Dairy, Green Bay, W. M. Egan, driver; can milk, per cent butter fat, 4.60; specific gravity, 1.0305; flavor, clean; texture, firm; see figure 1.

Oak Grove Dairy, Green Bay, H. A. Law, driver; can milk, per cent butter fat, 3.40; specific gravity, 1.0309; flavor, clean; texture firm; see figure 1.

Oak Grove Dairy, H. A. Law, driver; can cream, per cent butter fat, 27.0.

Anderson & Wendricks, Green Bay, F. Wendricks, driver; can milk, per cent butter fat, 4.20; specific gravity, 1.0305; flavor, clean; texture, firm; see figure 1.

Anderson & Wendricks, Green Bay, F. Wendricks, driver; can cream, per cent butter fat, 19.5.

Green Bay Pure Milk Co., O. G. Quse, driver; bottled cream, per cent butter fat, 27.00.

Green Bay Pure Milk Co., O. G. Quse, driver; bottled milk, per cent butter fat, 3.90; specific gravity, 1.0306; flavor, clean; texture, firm; see figure 1.

W. M. Vandebrook, Green Bay, A. Simon, driver; can milk, per cent butter fat, 4.; specific gravity, 1.0323; flavor, clean; texture, firm; see figure 1.

Green Bay Pure Milk Co., H. J. Ducherst, driver; bottled milk, per cent butter fat, 3.60; flavor, clean; texture, firm; see figure 1.

Green Bay Pure Milk Co., Green Bay, H. J. Ducherst, driver; bottled cream, per cent butter fat, 26.0.

February 7, 1906. Darlington.

John Hanrahn, milk, per cent butter fat, 3.9; specific gravity, 1.029; flavor, not perfect; texture, soft; see figure 1.

Gallagher, milk, per cent butter fat, 4.4; specific gravity, 1.0314; flavor, clean; texture, firm; see figure 1.

Harvey & Martin, milk, per cent butter fat, 4.8; specific gravity, 1.029; flavor, clean; texture, firm; see figure 1.

B. McDermott, milk, per cent butter fat, 3.8; specific gravity, 1.029; flavor, clean; texture, firm; see figure 1.

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- March 21, 1906. Racine.
- E. E. Manger, can milk, per cent butter fat, 3.40; specific gravity, 1.0325; flavor clean; texture, firm; see figure 1.
- P. Pasmussen, 923 Herrick Ave., Racine, can milk, per cent butter fat, 4.10; specific gravity, 1.031; flavor, not perfect; texture, slightly pinholey; see figure 2.
- P. Pasmussen, 923 Herrick Ave., Racine, can cream, per cent butter fat, 24.
- Racine Pure Milk Co., 819-15th St., Racine: Chas. Nelson, driver; bottled milk, per cent butter fat, 4.0; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
- J. G. Jonson, 1108 Maple St., Racine: Can milk, per cent butter fat, 4.0; specific gravity, 1.0305; flavor clean; texture firm; see figure 1.
- A. Carlson, 1522 Prospect St., Racine: Chas. Hansen, driver; can milk, per cent butter fat, 3.80; specific gravity, 1.032; flavor clean; texture firm; see figure 1.
- J. Poulsen, 1317 Freeman Court, Racine: Can milk, per cent butter fat, 3.40; specific gravity, 1.0305; flavor clean; texture firm; see figure 1.
- C. Peterka, R. R. 1, Racine: Can milk, per cent butter fat, 3.20; specific gravity, 1.0276; flavor clean; texture firm; see figure 1.
- B. Sorenson, R. R. 1, Racine: Can milk, per cent butter fat, 3.80; specific gravity, 1.0288; flavor clean; texture firm; see figure 1.
- Hans Heud, Racine: Can milk, per cent butter fat, 4.0; specific gravity, 1.0298; flavor clean; texture firm; see figure 1.
- Geo. Muetz, Racine: Anna Muetz, driver; can milk, per cent butter fat, 3.70; specific gravity, 1.0286; flavor clean; texture firm; see figure 1.
- Aug. Sievers, Racine, R. R. 1: Can milk, per cent butter fat, 3.60; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
- L. Martensen, Racine, R. R. 1: Can milk, per cent butter fat, 4.0; specific gravity, 1.0297; flavor not perfect; texture slightly pin-hole; see figure 2.
- Henry Radke, Racine, R. R. 1: Can milk, per cent butter fat, 4.80; specific gravity, 1.029; flavor clean; texture firm; see figure 1.
- Racine Pure Milk Co., 1408 Franklin St.: Mike Noe, driver; bottle milk, per cent butter fat, 3.90; specific gravity, 1.031; flavor clean; texture firm; see figure 1.
- R. M. Walker, R. F. D., 3, Racine: Can milk, per cent butter fat, 4.60; specific gravity, 1.032; flavor not perfect; texture firm; see figure 1.
- Chas. P. Sorell, R. F. D. No. 3, Racine: Can milk, per cent butter fat, 4.40; specific gravity, 1.0312; flavor not perfect; texture slightly pin-hole; see figure 2.
- W. E. Schwert, R. F. D. 3, Racine: Can milk, per cent butter fat, 3.40; specific gravity, 1.0308; flavor clean; texture firm; see figure 1.
- B. C. Reed, R. F. D. 3, Racine: J. Phelps, driver; can milk, per cent butter fat, 4.0; specific gravity, 1.035; flavor clean; texture firm; see figure 1.
- E. Rees, R. F. D. 3, Racine: Can milk, per cent butter fat, 3.80; specific gravity, 1.0312; flavor not perfect; texture firm; see figure 1.
- Geo. Jorgenson, 1229 Herrick Ave., Racine: Can milk, per cent butter fat, 3.80; specific gravity, 1.0305; flavor clean; texture firm; see figure 1.
- Geo. Jorgenson, 1229 Herrick Ave., Racine: Cream, per cent butter fat, 22.5.
- J. H. Crane, R. F. D. 4, Racine: Can milk, per cent butter fat, 3.60; specific gravity, 1.0309; flavor clean; texture firm; see figure 1.
- J. R. Bradlow, 1241 Villa St., Racine: Can milk, per cent butter fat, 5.0; specific gravity, 1.0284; flavor clean; texture firm; see figure 1.
- Chas. A. Crane, 1654 College Ave., Racine: Wm. Fredrickson, driver; can milk, per cent butter fat, 3.90; specific gravity, 1.0295; flavor clean; texture firm; see figure 1.
- Chas. A. Crane, 1654 College Ave., Racine: Wm. Fredrickson, driver, cream, per cent butter fat, 22.5.
- Dvorachek Bros., R. F. D., 2, Racine: Can milk, per cent butter fat, 3.90; specific gravity, 1.0315; flavor clean; texture firm; see figure 1.
- February 8, 1906. Platteville.

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- J. L. Mitchel: Milk, can, per cent butter fat, 1.8; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
- Wm. Boyle: Milk, per cent butter fat, 4.6; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
- Wm. Boyle: Cream, per cent butter fat, 20.
- Charley M. Fox: B. Fox, driver; milk, night, per cent butter fat, 4.6; specific gravity, 1.029; flavor bad; texture slightly pin-hole; see figure 2.
- Charley M. Fox: B. Fox, driver; milk, morning, per cent butter fat, 4.0; specific gravity, 1.031; flavor bad; texture firm; see figure 1.
- Charley M. Fox: B. Fox, driver; cream, per cent butter fat, 18.
- J. H. Paul: Milk, mixed, per cent butter fat, 4.4; specific gravity, 1.0305; flavor clean; texture firm; see figure 1.
- J. H. Paul: Cream, per cent butter fat, 21.5.
February 8, 1906. Kaukauna.
- A. De Custer, So. Kaukauna, R. R. 15: A. De Custer, Jr., driver; can milk, per cent butter fat, 4.0; specific gravity, 1.0305; flavor not perfect; texture slightly pin-hole; see figure 2.
- A. De Custer, So. Kaukauna, R. R. 15: A. De Custer, Jr., driver; bottle cream, per cent butter fat, 19.5.
- P. Verhoeven (Jersey Dairy) So. Kaukauna: Miss Mary Verhoven, driver; can milk, per cent butter fat, 4.60; specific gravity, 1.0305; flavor good; texture firm; see figure 1.
- Modern Dairy, So. Kaukauna, R. R. 14: B. Seggelmk., per cent butter fat, 3.60; specific gravity, 1.0315; flavor not perfect; texture firm; see figure 1.
- M. Klein, Dairy, So. Kaukauna: Can milk, per cent butter fat, 3.70; specific gravity, 1.0297; flavor good; texture firm; see figure 1.
- Milk Depot, So. Kaukauna: John Zink, can milk, per cent butter fat, 2.40; specific gravity, 1.0335; flavor not perfect; texture firm; see figure 1.
- Hurkman Bros., Dairy, Kaukauna: B. Hurkman, driver; can milk, per cent butter fat, 3.60; specific gravity, 1.0299; flavor good; texture firm; see figure 1.
- Hurkman Bros., Dairy, Kaukauna: B. Hurkman, driver; can milk, per cent butter fat, 4.40; specific gravity, 1.031; flavor clean; texture firm; see figure 1.
- Hurkman Bros., Dairy, Kaukauna: John Hurkman, driver; can milk, per cent butter fat, 4.20; specific gravity, 1.0312; flavor good; texture firm; see figure 1.
- Hurkman Bros., Dairy, Kaukauna: John Hurkman, driver; can cream, per cent butter fat, 21.
February 9, 1906. Dodgeville.
- Orin Davis: Cream, per cent butter fat, 21.5.
- Orin Davis: Milk, per cent butter fat, 3.5; specific gravity, 1.028; flavor not perfect; texture firm; see figure 1.
- Charles Nye: Milk, can, per cent butter fat, 4.4; specific gravity, 1.029; flavor good; texture firm; see figure 1.
- Charles Nye: Milk, bottle, per cent butter fat, 4.2; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
- Charles Nye: Cream, per cent butter fat, 29.
February 9, 1906. Appleton.
- R. Werner, 968 Superior St., Appleton: Can milk, per cent butter fat, 3.60; specific gravity, 1.0315; flavor not perfect; slightly pin-hole; see figure 2.
- R. Werner, 968 Superior St., Appleton: Bottle cream, per cent butter fat, 13.5.
- Vanwyk's Dairy, Appleton R. 6: Jacob Vanwyk, driver; can milk, per cent butter fat, 3.60; specific gravity, 1.0304; flavor clean; texture firm; see figure 1.
- Vanwyk's Dairy, Appleton, R. 6: Jacob Vanwyk, driver; can cream, per cent butter fat, 18.0.
- M. Meyer, 910 Morrison St., Appleton: Can milk, per cent butter fat, 4.0; specific gravity, 1.0303; flavor not perfect; texture firm; see figure 1.
- M. Meyer, 910 Morrison St., Appleton: Bottle cream, per cent butter fat, 19.5.

- Ed. Cressin, Appleton R. R. 6: Can milk, per cent butter fat, 4.40; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
- Ed. Cressin, Appleton. R. R. 6: Can cream, per cent butter fat, 19.5.
- II. Schroeder, Appleton, R. R. 6: Can milk, per cent butter fat, 4.0; specific gravity, 1.0295; flavor clean; texture firm; see figure 1.
- W. M. Vanwyk, Appleton, R. R. 6: Can milk, per cent butter fat, 3.20; specific gravity, 1.0286; flavor bad; texture pin-hole; see figure 2.
- W. A. Roehring, Grandschute, R. 1: Can milk, per cent butter fat, 4.50; specific gravity, 1.0314; flavor clean; texture firm; see figure 1.
- H. C. Keets, 815 Batavia St., Appleton: Can milk, per cent butter fat, 4.20; specific gravity, 1.0255; flavor clean; texture firm; see figure 1.
- J. L. Myer, 910 Mason St., Appleton: H. C. Myer, driver; can milk, per cent butter fat, 4.10; specific gravity, 1.0304; flavor not perfect; texture firm; see figure 1.
- J. H. Finkle and sons, Appleton: Ray Finkle, driver; can milk, per cent butter fat, 4.10; specific gravity, 1.030; flavor not perfect; texture slightly pin-hole.
- J. H. Finkle and sons: Ray Finkle, driver; can cream, per cent butter fat, 17.5.
- W. M. Williams, Appleton, R. R. 3: Can milk, per cent butter fat, 4.60; specific gravity, 1.031; flavor clean; texture firm; see figure 1.
- H. C. Mauser, Crescent City Dairy, 852 Cone St., Appleton: Can milk, per cent butter fat, 6.60; specific gravity, 1.028; flavor good; texture soft.
- Verbeck's Dairy, Appleton: B. C. Dimdale, driver; bottle milk, per cent butter fat, 4.10; specific gravity, 1.031; flavor good; texture slightly pin-hole.
- Verbeck's Dairy, Appleton: B. C. Dimdale, driver; bottle cream, per cent butter fat, 22.0.
- George Kuckberg, Appleton, R. R. 1: George Kuckberg, driver; can milk, per cent butter fat, 4.20; specific gravity, 1.0244; flavor clean; texture firm; see figure 1.
- West Dairy, Appleton, R. 1: John West, driver; bottle cream, per cent butter fat, 4.50; specific gravity, 1.031; flavor not perfect; texture slightly pin-hole.
- West Dairy, Appleton, R. 1: John West, driver; bottle cream, per cent butter fat, 19.0
- S. N. Fish, Appleton: per cent butter fat, 4.0; specific gravity, 1.032; flavor clean; texture firm; see figure 1.
- Adolph Kloes, Appleton, R. 4: Emil Kloes, driver; can milk, per cent butter fat, 4.20; specific gravity, 1.032; flavor good, texture slightly pin-hole.
- Henry Wachlin, Appleton, R. R. 6: Bottle milk, per cent butter fat, 4.40; specific gravity, 1.030; flavor clean; texture firm; see figure 1.

February 13, 1906. *Prairie du Chien.*

- Fenton Wacter: Wm. Konicek, driver; milk, per cent butter fat, 12.0; specific gravity, 1.0183; flavor clean; texture firm; see figure 1.
- Aherns Bros.: Milk, per cent butter fat, 3.0; specific gravity, 1.0298; flavor bad; texture tough.
- Aherns Bros.: Cream, per cent butter fat, 19.5.
- F. Wetsel: Milk, per cent butter fat, 3.3; specific gravity, 1.0318; flavor clean; texture firm; see figure 1.
- F. Wetsel: Cream, per cent butter fat, 15.7.

February 14, 1906. *Plymouth.*

- South Side Dairy, Plymouth: W. F. Hueppchen, driver; can milk, per cent butter fat, 3.60; specific gravity, 1.0309.
- Clover Dale Dairy, Plymouth: Henry Ott, driver; can milk, per cent butter fat, 3.60; specific gravity, 1.0314.
- Clover Dale Dairy, Plymouth: Henry Ott, driver; can cream, per cent butter fat, 20.5.

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Chas. Collins, Plymouth, R. R. 27: Can milk, per cent butter fat, 4.10; specific gravity, 1.0294.

Chas. Collins, Plymouth, R. R. 27: Can cream, per cent butter fat, 20.00.

George Meyer, Plymouth, R. R. 27: Can milk, per cent butter fat, 3.80; specific gravity, 1.0323.

Fred Daetz, Plymouth: Can milk, per cent butter fat, 4.20; specific gravity, 1.0305.

Fred Daetz, Plymouth: Can cream, per cent butter fat, 23.0.

February 15, 1906. Lancaster.

Andrew Browning: Milk, bottle, per cent butter fat, 4.8; specific gravity, 1.030;

February 15, 1906. Sheboygan.

J. Keller, Sheboygan: John Kaw, driver; can milk, per cent butter fat, 3.30; specific gravity, 1.0316; flavor clean; texture firm; see figure 1.

Herman Bros., 1423 S. 9th St., Sheboygan: G. Knabe, driver; can milk, per cent butter fat, 3.70; specific gravity, 1.0296; flavor bad; texture slightly pin-hole; see figure 2.

J. Keller, 1124 High Ave.: can milk, per cent butter fat, 3.80; specific gravity, 1.0305; flavor clean; texture firm; see figure 1.

A. Tinberger, 1522 Maryland St., Sheboygan: E. Rowe, driver; can milk, per cent butter fat, 3.60; specific gravity, 1.0296; flavor not perfect; texture firm; see figure 1.

Jersey Milk Co., Joe Griswold, 821 N. 6th St.: Peter Traas, driver; can milk, per cent butter fat, 3.40; specific gravity, 1.0315; flavor not perfect; texture firm; see figure 1.

Fred Steinbucker, Sheboygan, R. 2: Fred Steinbucker, Jr., driver; can milk, per cent butter fat, 4.40; specific gravity, 1.0315; flavor clean; texture firm; see figure 1.

W. M. Lindeke, Dairy, N. 8th St., Sheboygan R. 1: can milk, per cent butter fat, 3.90; specific gravity, 1.0304; flavor not perfect; texture firm; see figure 1.

W. Siegel, 1002 20th St., No. 1901: M. Siegel, driver; can milk, per cent butter fat, 4.40; specific gravity, 1.035; flavor, clean; texture, firm; see figure 1.

Geo. S. Hoekstra, 1120 N. 11 St.: Al. Tulling, driver can milk, per cent butter fat, 1.80; specific gravity, 1.0325; flavor, not perfect; texture firm; see figure 2.

Geo. Hoekstra 1120 N. 11 St.: Arthur Ersold, driver; can milk, per cent butter fat, 2.40; specific gravity, 1.031; flavor, clean; texture firm; see figure 1.

August Crehetesthe, 1932 N. 10 St.: August Crehetesthe, driver; can milk, per cent butter fat, 3.20; specific gravity, 1.0315; flavor, clean; texture, firm; see figure 1.

Fred Stinbricker, Mill Road: Fred Stinbricker, driver; can milk, per cent butter fat, 3.90; specific gravity, 1.0305; flavor, clean; texture, firm; see figure 1.

Jersey Milk Co., 821 N. 6th St.: Owner, J. S. Griswold; Martin Tras, driver; can milk, per cent butter fat, 3.40; specific gravity, 1.0329; flavor clean; texture, firm; see figure 1.

Herman Bros., R. F. D., No. 2, 1423 S. 9th St.: Val Herman, driver; can milk, per cent butter fat, 3.; specific gravity, 1.0309; flavor, not perfect; texture, pin-hole; see figure 2.

Herman Bros., R. F. D., No. 2, 1423 S. 9th St.: Conrad Herman, driver; can milk; per cent butter fat, 2.60; specific gravity, 1.0295; flavor, not perfect; texture, firm; see figure 1.

February 16 1906. Baraboo.

Rudolph Schirmacher; milk: per cent butter fat, 5.0; specific gravity, 10292; flavor, bad; texture, firm; see figure 1.

Rudolph Schirmacher: Cream, per cent butter fat, 22.5.

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- E. R. Simonds; cream: per cent butter fat, 26.6.
 E. R. Simonds; per cent butter fat, 5.0; specific gravity, 1.029; flavor, clean; texture, firm; see figure 1.
 A. H. Vannell; J. H. Yaegy, driver: Per cent butter fat, 4.7; specific gravity, 1.029; flavor, clean; texture, firm; see figure 1.
 A. H. Vannell: J. H. Yaegy, driver; cream, per cent butter fat, 22.
 G. H. Holmes II: Ed. Weston, driver; can milk, per cent butter fat, 4.2; specific gravity, 1.0288; flavor, clean; texture, firm; see figure 1.
 G. H. Holmes II: Ed. Weston, driver; bottle milk, per cent butter fat, 5.0; specific gravity 1.029; flavor, clean; texture, firm; see figure 1.
 G. H. Holmes II: Ed. Weston, driver; cream, per cent butter fat, 24.4.
 G. H. Holmes I; can milk, per cent butter fat, 4.0; specific gravity, 1.030; flavor, bad; texture, slightly pin-hole; see figure 2.
 G. H. Holmes I; cream, per cent butter fat, 22.8.
 M. J. Tylor: A. Harvey, driver; can milk, per cent butter fat, 4.2; specific gravity, 1.029; flavor, bad; texture slightly pin-hole; see figure 2.
 M. J. Tylor: A. Harvey, driver; cream, per cent butter fat, 22.8.
 A. G. Glover: Adolph Miller, driver; can milk, per cent butter fat, 4.3; specific gravity, 1.029; flavor, clean; texture, firm; see figure 1.
 A. G. Glover: Adolph Miller, driver; cream, per cent butter fat, 29.8.

February 16, 1906. Richland Center.

- M. E. Brewer: Milk, per cent butter fat, 4.9; flavor, clean; texture firm; see figure 1.
 H. S. Moran: milk, per cent butter fat, 4.6; flavor, clean; texture, firm; see figure 1.
 W. L. Wightman: milk, per cent butter fat, 4.3; flavor, clean; texture, firm; see figure 1.
 W. L. Wightman: cream, per cent butter fat, 23.
 C. C. Fries: milk, per cent butter fat, 4.6; flavor, bad; texture, mushey.
 C. C. Fries: cream, per cent butter fat, 24.

February 16, 1906. Manitowoc.

- A. Fischl, Manitowoc, Wis., 816 Buffalo St.: Evergreen Dairy, can milk, per cent butter fat, 3.80; specific gravity, 1.031.
 E. Vierman, Manitowoc R. 2; can milk, per cent butter fat, 4. specific gravity, 1.0296.
 Joe Papp, Manitowoc R. 6; can milk, per cent butter fat, 3.80; specific gravity, 1.0299.
 Ed. Engelbrecht, Manitowoc, Wis.: G. Schuler, driver; can milk, per cent butter fat, 4.30; specific gravity, 1.0307.
 Joe. Hercog, Manitowoc, Wis., R. R. 4.; can milk, per cent butter fat, 3.; specific gravity, 1.0241.
 P. A. Holsen, Manitowoc. R. 3: John Holsen, driver; Manitowoc, R. 3; can milk, per cent butter fat, 4.0; specific gravity, 1.0315.
 Henry Klechner, Manitowoc, Wis.; Maple Dale Dairy; can milk, per cent butter fat, 3.10; specific gravity, 1.0315.
 A. H. Heise, Manitowoc, Wis.; White Clover Dairy, No. 1; can milk, per cent butter fat, 3.20; specific gravity, 1.030.
 Henry Mayer, Manitowoc, R. R. 3; Silver Creek Dairy, No. 2; can milk, per cent butter fat, 4.; specific gravity, 1.0295.
 S. A. Morris, 525 Gay St., Manitowoc, Wis.; Sunny Side Dairy; can milk, per cent butter fat, 4.; specific gravity, 1.0288.
 Max Hiller, Manitowoc, R. 4, Box 37; Morning Star Dairy; can milk, per cent butter fat, 3.50; specific gravity, 1.0305.
 A. Fischer, Manitowoc, Wis.; Ideal Dairy, 1012 South 16th St.; can milk, per cent butter fat, 3.70; specific gravity, 1.031.
 W. T. Burhart, Manitowoc, Wis., R. R. 3; White Silver Dairy; can milk, per cent butter fat, 4.0; specific gravity, 1.0312.

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- Henry Klechner, Manitowoc, Wis., R. R. 7; Maple Dell Dairy; can milk, per cent butter fat, 3.; specific gravity, 1.0309.
- Ed. Engelbrecht, Manitowoc, Wis.; 816 Buffalo St.; can milk, per cent butter fat, 3.6; specific gravity, 1.0294.
- February 17, 1906. New London.
- Fred Bohlman, New London; New London Dairy; can milk, per cent butter fat, 4.20; specific gravity, 1.0305; flavor, clean; texture, firm; see figure 1.
- Fred Bohlman, New London; New London Dairy; bottled cream, per cent butter fat, 33.0.
- A. Nitke, New London; can milk, per cent butter fat, 3.80; flavor, good; texture, firm; see figure 1.
- Boland Bros., Fond du Lac; can milk, per cent butter fat, 3.60; specific gravity, 1.032; flavor, good; texture, firm; see figure 1.
- H. F. Sass, Fond du Lac; can milk, per cent butter fat, 4.60; specific gravity, 1.031; flavor, clean; texture, firm; see figure 1.
- E. B. Jones, Fond du Lac, Wis.; can milk, per cent butter fat, 2.30; specific gravity, 1.0327; flavor, not perfect; texture, slightly pin-hole; see figure 2.
- F. Walgenbeck Dairy, Fond du Lac, Wis., R. 5; can milk, per cent butter fat, 4.; specific gravity, 1.0308; flavor, bad; texture, spongy; see figure 3.
- A. F. Ballard, Fond du Lac, 67 So. Sibley St.; can milk, per cent butter fat, 3.90; specific gravity, 1.032; flavor, not perfect; texture pin-hole; see figure 2.
- F. W. Passons, Fond du Lac, Wis.; bottled milk, per cent butter fat, 4.20; specific gravity, 1.0315; flavor, not perfect; texture slightly pin-hole; see figure 2.
- R. A. McCormick, Fond du Lac; Oak Grove Dairy; can milk, per cent butter fat, 3.30; specific gravity, 1.0332; flavor, clean; texture, firm; see figure 1.
- J. Mertens, Fond du Lac, Wis., R. 7; can milk, per cent butter fat, 3.80; specific gravity, 1.0315; flavor, not perfect; texture, firm; see figure 1.
- C. E. Boege, 137 E. 6th, Fond du Lac, Wis.; can milk, per cent butter fat, 3.50; specific gravity, 1.032; flavor, clean; texture, firm; see figure 1.
- Ed. Wescott, Fond du Lac; Chas. Todd, driver; can milk, per cent butter fat, 4.10; specific gravity, 1.0317; flavor, clean; texture, firm; see figure 1.
- S. Zarbock, 14 W. Arndt St., Fond du Lac; can milk, per cent butter fat, 3.70; specific gravity, 1.033; flavor, clean; texture, firm; see figure 1.
- Fond du Lac Creamery, 179 S. Main; E. S. Wescott; can milk, per cent butter fat, 4.10; specific gravity, 1.0315; flavor, not perfect; texture, slightly pin-hole; see figure 2.
- Stangfield Dairy, South Sunts: Frank Willis, driver; can milk, per cent butter fat, 3.30; specific gravity, 1.0307; flavor, not perfect; texture, slightly pin-hole; see figure 2.
- Riley Empire Dairy, owners R. Riley, S. C. Schner; can milk, per cent butter fat, 4.10; specific gravity, 1.0318; flavor, clean; texture, firm; see figure 1.
- Ingalls Dairy, owner, J. Ingalls, R. F. D. No. 6; bottled milk, per cent butter fat, 5.; specific gravity, 1.0317; flavor, clean; texture, firm; see figure 1.
- Chas. Zoellner, East Side Dairy, 54 Emery St.; can milk, per cent butter fat, 3.80; specific gravity, 1.030; flavor, clean; texture, firm; see figure 1.
- August Sieplander 225 N. M.; can milk, per cent butter fat, 4.00; specific gravity, 1.0306; flavor, clean; texture, firm; see figure 1.
- Schmidt Bros., Highland Dairy, R. F. D., No. 5; can milk, per cent butter fat, 3.30; specific gravity, 1.031; flavor, clean, texture, firm; see figure 1.

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Fond du Lac Pure Milk Co.: S. G. Mathews, driver, 183 W.; can milk, per cent butter fat, 3.80; specific gravity, 1.033; flavor, clean; texture, firm; see figure 1.

R. Riley: cream, per cent butter fat, 18.

Samples Submitted.

R. Riley: per cent butter fat, 3.50; specific gravity, 1.033.

E. B. Jones: per cent butter fat, 2.60; specific gravity, 1.0313.

February 27, 1906. Black River Falls.

A. D. Persons: milk, per cent butter fat, 4.0; specific gravity, 1.0286.

A. D. Persons: cream, per cent butter fat, 35.

February 28, 1906. Oshkosh.

G. H. Hotchkiss, Oshkosh, R. 5; B. Hotchkiss, driver; can milk, per cent butter fat, 3.50; specific gravity, 1.031; flavor, not perfect; texture, firm; see figure 1.

John McKone, Oshkosh, Wis.; Brooklyn Dairy; can milk, per cent butter fat, 3.60; specific gravity, 1.031; flavor, clean; texture, firm; see figure 1.

Aug. Kargus, Oshkosh, R. 3; Hewitt's Dairy; can milk, per cent butter fat, 2.80; specific gravity, 1.0297; flavor, not perfect; texture, slightly pin-hole; see figure 2.

J. C. Rathembach, Oshkosh, Wis.; can milk, per cent butter fat, 3.90; specific gravity, 1.029, flavor, not perfect, texture, firm; see figure 1.

Frank Weston, Oshkosh, R. 3; can milk, per cent butter fat, 3.40; specific gravity, 1.0295; flavor, not perfect; texture, slightly pin-hole; see figure 2.

J. H. Schroeder, Oshkosh, Wis.: O. Schroeder, driver: cream, per cent 3.60; specific gravity, 1.0302; flavor, not perfect; texture, slightly pin-hole; see figure 2.

J. H. Schroeder, Oshkosh Wis.; O. Schroeder, driver: can cream, per cent butter fat, 19.

F. J. Leonard, Oshkosh, R. 5; Lake View Dairy; can milk, per cent butter fat, 3.90; specific gravity, 1.0285; flavor, clean; texture, firm; see figure 1.

Oshkosh Pure Milk Co.: A Benten, driver; bottle milk, per cent butter fat, 4.10; specific gravity, 1.0304; flavor, clean; texture, firm; see figure 1.

Oshkosh Pure Milk Co.: A. Benton, driver; bottle cream, per cent butter fat, 18. Y

H. W. Gerdes, 200 Harrison St., Oshkosh, Wis.; can milk, per cent butter fat, 3.70; specific gravity, 1.0305; flavor, clean; texture, firm; see figure 1.

W. D. Owens, Oshkosh, R. 5; can milk, per cent butter fat, 3.; specific gravity, 1.0235; flavor, clean; texture, firm; see figure 1.

W. D. Owens, Oshkosh, R. 5; can cream, per cent butter fat, 21.

J. A. Hewitt, Oshkosh, R. 3; A. Hewitt, driver; can milk, per cent butter fat, 3.80; specific gravity, 1.0305; flavor, clean; texture firm; see figure 1.

Phil. A. Faust, Oshkosh, R. 6: Bottled milk, per cent butter fat, 4.40; specific gravity, 1.032; flavor, bad; texture, pin-hole; see figure 3.

A. Grundmann, Oshkosh, R. 6: Can milk, per cent butter fat, 3.70; specific gravity, 1.029; flavor, clean; texture, firm; see figure 1.

M. J. Ditter, 462 Jackson St., Oshkosh, Wis.; bottled milk, per cent butter fat, 3.20; specific gravity, 1.030; flavor, not perfect; texture, slightly pin-hole; see figure 2.

Geo. Sparkes Vine St., Oshkosh, Wis.: can milk, per cent butter fat, 3.10; specific gravity, 1.0286 flavor, clean; texture, firm; see figure 1.

Frank Doemel, 240 Boyer St., Oshkosh, Wis.: Can milk, per cent butter fat, 3.20; specific gravity, 1.026; flavor, good; texture, slightly pin-hole; see figure 2.

- Frank Doemel, 240 Boyer St., Oshkosh: bottled cream, per cent butter fat, 32.0.
- Mrs. Geo. Hotchkiss, Oshkosh, R. 5; can milk, per cent butter fat, 3.40; specific gravity, 1.0298; flavor, good; texture, slightly pin-hole.
- Mrs. Geo. Hotchkiss, Oshkosh, R. 5; bottled cream, per cent butter fat, 23.5.
- D. H. Schrader, 164 Forest St., Oshkosh, Wis.; can milk, per cent butter fat, 3.50; specific gravity, 1.0314; flavor, clean; texture, firm; see figure 1.
- Jas. Ruth, 10th St., 432, Oshkosh, Wis.; can milk, per cent butter fat, 4.10; specific gravity, 1.0286; flavor, clean; texture, firm; see figure 1.
- Jas. Ruth, 10th St., 432, Oshkosh, Wis.: Bottled cream, per cent butter fat, 19.
- B. C. Burt, 13th St., Oshkosh, R. F. D. 3; can milk, per cent butter fat, 3.60; specific gravity, 1.0306; flavor, not perfect; texture, slightly pin-hole; see figure 2.
- Chas. Thiex, 66 Kentucky St., Oshkosh, Wis.; can milk, per cent butter fat, 3.60; specific gravity, 1.0303; flavor clean; texture, firm; see figure 1.
- Chas. Thiex, 66 Kentucky St., Oshkosh, Wis.: Bottled cream, per cent butter fat, 22.0.
- Wm. Schroeder, Oshkosh, R. F. D., No. 7; can milk, per cent butter fat, 3.70; specific gravity, 1.0314; flavor, clean; texture, firm; see figure 1.
- Aug. Kargus, Oshkosh, Wis., R. 3; can milk, per cent butter fat, 2.20; specific gravity, 1.0303.
- W. D. Owens, Oshkosh, Wis., R. 5; can milk, per cent butter fat, 3. specific gravity, 1.0245.
- Frank Doemel, Oshkosh, Wis., 240 Bowen St.: Can milk, per cent butter fat, 3.10; specific gravity, 1.0283.
- A. Schroeder, Oshkosh, Wis., R. 7: per cent butter fat, 3.50; specific gravity, 1.0295.

February 28, 1906. Marshfield.

- Martin Ehrhardt: cream, per cent butter fat, 28.
- Martin Ehrhardt: Milk, per cent butter fat, 4.0; specific gravity, 1.030; flavor, bad; texture, pin-hole; see figure 2.
- T. F. Vannedan: F. A. Vannedan, driver; cream, per cent butter fat, 26½.
- T. F. Vannedan: F. A. Vannedan, driver; milk, 'M' per cent butter fat, 3.3; specific gravity, 1.0295; flavor, clean; texture, firm; see figure 1.
- T. F. Vannedan: F. A. Vannedan, driver; milk, 'N.' per cent butter fat, 3.4; specific gravity, 1.030; flavor, clean; texture, firm; see figure 1.
- Wm. Trudeau: milk, per cent butter fat, 4.0; specific gravity, 1.0316; flavor, not clean; texture, firm; see figure 2.
- Wm. Trudeau: cream, per cent butter fat, 28.0.
- C. F. Schroeder: cream, per cent butter fat, 29.5.
- C. F. Schroeder: milk, per cent butter fat, 3.7; specific gravity, 1.030; flavor, good; texture, firm; see figure 1.

March 1, 1906. Stevens Point.

- D. I. Tozier: milk can, per cent butter fat, 4.9; specific gravity, 1.0294; flavor, clean; texture, firm; see figure 1.
- D. I. Tozier: milk bottle, per cent butter fat, 4.6; specific gravity, 1.0302; flavor, not clean; texture, firm; see figure 1.
- F. O. Hodson: milk can, per cent butter fat, 4.2; specific gravity, 1.0296; flavor, clean; texture, firm; see figure 1.
- F. O. Hodson: milk bottle, per cent butter fat, 4.2; specific gravity, 1.032; flavor, clean; texture, firm; see figure 1.
- F. O. Hodson: cream, per cent butter fat, 19.
- A. L. Gates: C. Puarvia, driver; milk can, per cent butter fat, 3.8; specific gravity, 1.0312; flavor, bad; texture, slightly pin-hole; see figure 2.
- F. O. Hodson: milk bottle, per cent butter fat, 4.4; specific gravity, 1.0305; flavor, not clean; texture, firm; see figure 1.

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F. O. Hodson: cream, per cent butter fat, 22.

Eichhorst Bros.: milk, can, per cent butter fat, 3.9; specific gravity, 1.0286; flavor, bad; texture, slightly pin-hole; see figure 2.

Eichhorst Bros.: milk, bottle, per cent butter fat, 3.15; specific gravity, 1.028; flavor, not clean; texture, firm; see figure 1.

Elchhorst Bros.: cream, per cent butter fat, 20.0.

March 2, 1906. Berlin.

Thomas Parsons, Berlin, Wis., R. 1: can milk, per cent butter fat, 3.40; specific gravity, 1.032; flavor, clean; texture, firm; see figure 1.

A. Hopka, Berlin, Wis.: Fred Hopke, driver; can milk, per cent butter fat 3.30; specific gravity, 1.0305; flavor, clean; texture, firm; see figure 1.

March 2, 1906. Grand Rapids.

John Jacobson: cream, per cent butter fat, 33.

John Jacobson: milk bottle, per cent butter fat, 4.0; specific gravity, 1.024; flavor, clean texture firm; see figure 1.

C. L. Warren: can milk, per cent butter fat, 5.10; specific gravity, 1.0293; flavor, clean; texture, firm; see figure 1.

C. L. Warren: cream, per cent butter fat, 19.5.

March 6 1906. Sturgeon Bay.

C. M. Gullickson, Sturgeon Bay, Wis., R. 4; Henry Casperson, driver; bottled milk, per cent butter fat, 3.30; specific gravity, 1.031; flavor, not perfect; texture, slightly pin-hole; see figure 2.

March 6, 1906. Sawyer.

John H. Kester, Sawyer, Wis.; Frank Kester, driver; bottled milk, per cent butter fat, 4.50; specific gravity, 1.0264; flavor, good; texture firm; see figure 1.

March 6, 1906. Janesville.

Janesville Pure Milk Co.: Geo. Scarseles, driver; cream, per cent butter fat, 33.

Janesville Pure Milk Co.: Geo. Scarseles, driver; milk, bottle, per cent butter fat, 4.0; specific gravity, 1.029; flavor, good; texture, firm; see figure 1.

Janesville Pure Milk Co.: G. H. Rodgers, driver; milk, can, per cent butter fat, 3.6; specific gravity, 1.029; flavor, good; texture, firm; see figure 1.

Janesville Pure Milk Co.: G. H. Rodgers, driver; bottle milk, per cent butter fat, 3.7; specific gravity, 1.0296; flavor, clean; texture, firm; see figure 1.

Janesville Pure Milk Co.: G. H. Rodgers, driver; cream, per cent butter fat, 33.

Christ Knutson: Peter Anderson, driver; can milk, per cent butter fat, 3.4; specific gravity, 1.030; flavor, clean; texture, firm; see figure 1.

John Santer: can milk, per cent butter fat, 3.3; specific gravity, 1.0302; flavor, clean; texture, firm; see figure 1.

John Santer: cream, per cent butter fat, 29.

Thos. Anderson: can milk, per cent butter fat, 3.5; specific gravity, 1.029; flavor, good; texture, firm; see figure 1.

Thos. Anderson: Can milk, per cent butter fat, 4.2; specific gravity, 1.0305; flavor good; texture firm; see figure 1.

Geo. S. Woodruff: Can milk, per cent butter fat, 3.2; specific gravity, 1.0292; flavor good; texture firm; see figure 1.

J. E. Meyers: Can milk, per cent butter fat, 3.9; specific gravity, 1.0294; flavor clean; texture firm; see figure 1.

J. E. Meyers: Bottle milk, per cent butter fat, 3.8; specific gravity, 1.0285; flavor good; texture firm; see figure 1.

J. E. Meyers: Cream, per cent butter fat, 32.5.

S. W. Goule: Can milk, per cent butter fat, 3.4; specific gravity, 1.0312; flavor clean; texture firm; see figure 1.

- L. J. Cronin: James Cronin, driver; can milk, per cent butter fat, 3.1; specific gravity, 1.030; flavor bad; texture mushy; see figure 2.
L. J. Cronin: James Cronin, driver; cream, per cent butter fat, 31.0.

March 7, 1906. Beloit.

- W. C. Hanson: Milk, can, per cent butter fat, 3.5; specific gravity, 1.029; flavor clean; texture firm; see figure 1.
W. C. Hanson: Cream, per cent butter fat, 27.0.
M. A. Peck: Milk, can, per cent butter fat, 3.7; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
M. A. Peck: Cream, per cent butter fat, 18.0.
W. C. Weirich: Milk, can, per cent butter fat, 3.9; specific gravity, 1.031; flavor clean; texture firm; see figure 1.
W. C. Weirich: Cream, per cent butter fat, 24.0.
S. B. McCauley: Milk, can, per cent butter fat, 3.8; specific gravity, 1.031; flavor not clean; texture pin-hole; see figure 2.
S. B. McCauley: Cream, per cent butter fat, 19.0.
F. B. Ward: William Engebretson, driver; milk, per cent butter fat, 3.4; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
F. B. Ward: William Engebretson, driver; cream, per cent butter fat, 27.0.
E. I. Gayton: Milk, per cent butter fat, 3.8; specific gravity, 1.028; flavor clean; texture firm; see figure 1.
E. I. Gayton: Cream, per cent butter fat, 18.5.
Geo. A. Miller: Cream, per cent butter fat, 20.5.
Geo. A. Miller, milk, can, per cent butter fat, 4.2; specific gravity, 1.030; flavor clean; texture firm; see figure 1.
Ernest D. Wheeler: Milk, per cent butter fat, 4.2; specific gravity, 1.029; flavor clean; texture firm; see figure 1.
Ernest D. Wheeler: Cream, per cent butter fat, 21.0.
J. A. Miller: Milk, per cent butter fat, 3.6; specific gravity, 1.028; flavor not clean; texture pin-hole; see figure 2.
J. A. Miller: Cream, per cent butter fat, 15.0.
C. N. Nye: Milk, per cent butter fat, 3.3; specific gravity, 1.028; flavor not clean; texture pin-hole; see figure 2.
C. N. Nye: Cream, per cent butter fat, 17.5.
Charley Lothers: Walter Hogan, driver; milk, per cent butter fat, 4.4; specific gravity, 1.0316; flavor clean; texture firm; see figure 1.
Charley Lothers: Walter Hogan, driver; cream, per cent butter fat, 17.75.
F. B. Ward: C. H. Weir, driver; cream, per cent butter fat, 16.5.
F. B. Ward: C. H. Weir, driver; cream, per cent butter fat, 26.0.
O. M. Helcherson: Milk, per cent butter fat, 3.5; specific gravity, 1.030; flavor bad; texture pin-hole; see figure 2.
O. M. Helcherson: Cream, per cent butter fat, 20.0.
O. M. Helcherson: Milk, per cent butter fat, 3.4; specific gravity, 1.0294; flavor clean; texture firm; see figure 1.

March 8, 1906. Waupaca.

- John Ware, Waupaca: Emil Price, driver; bottle milk, per cent butter fat, 5.50; specific gravity, 1.032; flavor clean; texture firm; see figure 1.
John Ware, Waupaca: Emil Price, driver; bottle cream, per cent butter fat, 20.0.
Andrew Anderson, Waupaca: Can milk, per cent butter fat, 3.40; specific gravity, 1.0325; flavor not perfect; texture slightly pin-hole; see figure 2.

March 13, 1906. Waukesha.

- D. H. Carstens, 621 Main St., Waukesha: Can milk, per cent butter fat, 4.0; specific gravity, 1.0305; flavor clean; texture firm; see figure 1.
F. Schriener, St. Paul Ave., Waukesha: Can milk, per cent butter fat, 3.60; specific gravity, 1.029; flavor clean; texture firm; see figure 1.

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- Ed. Price, Waukesha R. F. D. 6: Can milk, per cent butter fat, 3.40; specific gravity, 1.0306; flavor clean; texture firm; see figure 1.
- C. A. Hines, 711 Madison St., Waukesha: Can milk, per cent butter fat, 3.80; specific gravity, 1.0299; flavor clean; texture firm; see figure 1.
- Edward Butler, East Main St., Waukesha: Can milk, per cent butter fat, 4.10; specific gravity, 1.0315; flavor clean; texture firm; see figure 1.
- Geo. Burmeister, Waukesha R. F. D. 9: Can milk, per cent butter fat, 1.20; specific gravity, 1.0337; flavor clean; texture firm; see figure 1.
- Geo. Burmeister, R. F. D. 9: Cream, per cent butter fat, 17.0.
- D. H. Casstens, 621 Main St.: John Corman, driver; can milk, per cent butter fat, 3.90; specific gravity, 1.0324; flavor clean; texture firm; see figure 1.

Cream submitted.

- R. M. Schwartz: Cream, 16 per cent.
- R. M. Schwartz: Cream, 15 per cent.

March 19, 1906. Altoona.

- J. S. Bain: Milk, per cent butter fat, 3.9; specific gravity, 1.0304; flavor clean; texture firm; see figure 1.
- J. S. Bain: Cream, per cent butter fat, 22.0.
- II. H. Brown, (P. O. Fall Creek, R. R. No. 2): Milk, per cent butter fat, 3.9; specific gravity, 1.0304; flavor clean; texture firm; see figure 1.
- II. H. Brown, (P. O. Fall Creek, R. R. 2): cream per cent butter fat, 23.0.

March 20, 1906. Eau Claire.

- Ole Holt: Oscar Holt, driver; can milk, per cent butter fat, 4.7; specific gravity, 1.0318; flavor clean; texture firm; see figure 1.
- Ole Holt: Oscar Holt, driver; cream per cent butter fat, 20.5.
- R. C. Robbins: I. P. Larson, driver, can milk, per cent butter fat, 3.8; specific gravity, 1.0284; flavor, clean; texture, firm; see figure 1.
- R. C. Robbins: I. P. Larson, driver; cream, per cent butter fat, 21.
- S. R. Dunham: Can milk, per cent butter fat, 4.1; specific gravity, 1.028; flavor, clean; texture, firm; see figure 1.
- R. B. Groves: Milk, per cent butter fat, 3.9; specific gravity, 1.0296; flavor, clean; texture, firm; see figure 1.
- h. B. Groves: Cream, per cent butter fat, 20.
- Geo. F. Comings: B. R. Comings, driver, milk, per cent butter fat, 3.6; specific gravity, 1.0294; flavor, clean; texture, firm; see figure 1.
- Geo. F. Comings: B. R. Comings, driver; cream, per cent butter fat, 25.
- S. Guthrie: S. Guthrie, Jr., driver, milk, per cent butter fat, 3.9; specific gravity, 1.030; flavor, clean; texture, firm; see figure 1.
- S. Guthrie: S. Guthrie, Jr., driver; cream, per cent butter fat, 21.
- S. M. Olin: G. L. Olin, driver; milk, per cent butter fat, 3.8; specific gravity 1.0292; texture, firm; see figure 1.
- S. M. Olin: G. L. Olin, driver; cream, per cent butter fat, 23.
- W. H. Rayment: Milk, per cent butter fat, 4.1; specific gravity, 1.0302; flavor, clean; texture, firm; see figure 1.
- W. H. Rayment: Cream, per cent butter fat, 19.
- J. Holland: Ole Kotten, driver; milk, per cent butter fat, 4.3; specific gravity, 1.027; flavor, clean; texture, firm; see figure 1.
- J. Holland: Ole Kotten, driver; cream, per cent butter fat, 22.

March 21, 1906. Chippewa Falls.

- C. Trepes: Can milk, per cent butter fat, 5.3; specific gravity, 1.0294; flavor, bad; texture, slightly pinholey; see figure 2.
- C. Trepes: Cream, per cent butter fat, 22.5.
- A. B. Cassidy: Can milk, per cent butter fat, 3.3; specific gravity, 1.0298; flavor, clean; texture, firm; see figure 1.
- A. B. Cassidy: Cream, per cent butter fat, 21.
- Mrs. Kathrin Legen: Milk, per cent butter fat, 3.5; specific gravity, 1.0282; flavor, clean; texture, firm; see figure 1.

- J. A. Rogers: Milk, per cent butter fat, 3.9; specific gravity, 1.030; flavor, not clean; texture, slightly pinhole; see figure 2.
J. A. Rogers: Cream, per cent butter fat, 18.0.

March 20 1906. Kenosha.

- Warner Hasting & Sons, Kenosha, Wis: Can milk, per cent butter fat, 3.80; specific gravity, 1.031.
E. A. Jensen, Kenosha, Wis., R. 5.: Fred Jensen, driver; 111 Bracket St., Waukesha, can milk, per cent butter fat, 4.20; specific gravity, 1.031.
Aug. Wolff, Kenosha, Wis.: Can milk, per cent butter fat, 4.20; specific gravity, 1.0307.
Fred R. White, Kenosha, Wis.: Can milk, per cent butter fat, 4.50; specific gravity, 1.0307.
J. M. Blackman, Kenosha, R. 36: E. Jensen, driver, Kenosha, R. 37; can milk, per cent butter fat, 4.20; specific gravity, 1.0314.
H. E. Blackman, R. 36, Kenosha: F. W. Blackman, driver, R. 36; can milk, per cent butter fat, 4.0; specific gravity, 1.0315.
C. F. Stein, Kenosha, R. 36: Can milk, per cent butter fat, 3.70; specific gravity, 1.0314.
M. Grotsky, 52 J. Street, Kenosha: Can milk, per cent butter fat, 4.0; specific gravity, 1.030.
T. Wallis & Sons, R. 34: W. Wallis, driver, Kenosha, R. 34; can milk, per cent butter fat, 3.60; specific gravity, 1.0296.
N. P. Thelen, Kenosha, R. 35: Can milk, per cent butter fat, 3.60; specific gravity, 1.0316.
John Newbauer, Racine Road, Box 15, Kenosha: Can milk, per cent butter fat, 4.30; specific gravity, 1.031.
Geo. New, Kenosha, R. F. D. No. 36: Can milk, per cent butter fat, 3.60; specific gravity, 1.031.
F. J. Seichter, 452 Cor. Caledonia and Harmon: Can milk, per cent butter fat, 3.60; specific gravity, 1.034.
J. Maurer, Kenosha R. F. D. No. 36: J. S. Maurer, driver; can milk, per cent butter fat, 3.70; specific gravity, 1.0304.
Jos Rose, Grand Ave., Box 72, Kenosha: Can milk, per cent butter fat, 3.50; specific gravity, 1.0316.
J. Tamokaitis, 310 Quinn St.: Can milk, per cent butter fat, 4.20; specific gravity, 1.0298.
Wm. F. Jonet, 364 Lake Ave., Kenosha: Can milk, per cent butter fat, 3.40; specific gravity, 1.0288.
A. H. Falk, Kenosha, R. F. D. No. 36: Can milk, per cent butter fat, 4.30; specific gravity, 1.0297.
A. Slandgren, 116 3d St., Kenosha: Can milk, per cent butter fat, 3.90; specific gravity, 1.0318.
Kenosha Creamery Co.: Per cent butter fat, 4.20; specific gravity, 1.0318.

March 22, 1906. Hudson.

- A. R. Dally: Can milk, per cent butter fat, 3.6; specific gravity, 1.0292; flavor, clean; texture, firm; see figure 1.
A. R. Dally: Cream, per cent butter fat, 23.0.
Mrs. Virtue: Chas. Ashbough, driver; can milk, per cent butter fat, 3.7; specific gravity, 1.030; flavor, clean; texture, firm; see figure 1.
Mrs. Virtue: Chas. Ashbough, driver; cream, per cent butter fat, 23.0.
J. K. Kratley: Frank Kratley, driver; can milk, per cent butter fat, 4.5; specific gravity, 1.0304; flavor, bad; texture, pinhole; see figure 2.
J. K. Kratley: Frank Kratley, driver; cream, per cent butter fat, 31.0.

March 23, 1906. Whitewater.

- Henry Winn, R. F. D. No. 4, Whitewater: Can milk, per cent butter fat, 4.60; specific gravity, 1.0325; flavor, not clean; texture, firm; see figure 1.
Ralph Diamond, 200 Whiton St., Whitewater: Can milk, per cent butter fat, 4.90; specific gravity, 1.032; flavor not clean; texture firm; see figure 1

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- W. H. Cox, R. F. D. 1, Whitewater: Can milk, per cent butter fat, 4.20; specific gravity, 1.0305; flavor not clean; texture firm; see figure 1.
J. J. Uglow, Fremont St., Whitewater: Can milk, per cent butter fat, 3.40; specific gravity, 1.0295; flavor clean; texture firm; see figure 1.

March 23, 1906. Oconto.

- Daniel Sorenson, Oconto: Can milk, per cent butter fat, 3.40; specific gravity, 1.032.
R. Mortensen, R. F. D. 3, Oconto: per cent butter fat, 3.40; specific gravity, 1.029.

March 23, 1906. New Richmond.

- O. L. Greateon: Can milk, per cent butter fat, 3.3; specific gravity, 1.0298; flavor clean; texture firm; see figure 1.
O. L. Greateon: Cream, per cent butter fat, 19.5.
F. O. Hemenway and Son: H. S. Hemenway, driver; milk, per cent butter fat, 4.0; specific gravity, 1.0306; flavor not clean; texture firm; see figure 1.
P. H. Williams: Milk, per cent butter fat, 3.5; specific gravity, 1.0294; flavor clean; texture firm; see figure 1.
P. H. Williams: Cream, per cent butter fat, 17.5.

March 27, 1906. Superior.

- Russell Cry. Co.: G. L. Nofg, driver; milk, can, per cent butter fat, 3.3; specific gravity, 1.0298; flavor not clean; texture pin-hole; see figure 2.
Russell, Cry. Co.: G. L. Nofg, driver; cream, per cent butter fat, 23.5.
Russell Cry. Co.: Ole Fredrickson, driver; milk, can, per cent butter fat, 4.0; specific gravity, 1.032; flavor not clean; texture slightly pin-hole; see figure 2.
Russell Cry. Co.: Ole Fredrickson, driver; cream, per cent butter fat, 16.0.
Kund Finstad: Milk, can, per cent butter fat, 3.9; specific gravity, 1.0325; flavor not clean; texture pin-hole; see figure 2.
Kund Finstad: Cream, per cent butter fat, 15.0.
A. Christenson: Milk, can, per cent butter fat, 3.6; specific gravity, 1.0325; flavor not clean; texture slightly pin-hole; see figure 2.
A. Christenson: Cream, per cent butter fat, 18.0.
Mrs. Sam Albeck: Kund Raun, driver; milk can, per cent butter fat, 3.7; specific gravity, 1.030; flavor, clean; texture, firm; see figure 1.
Mrs. Sam Albeck: Kund Raun, driver; cream, per cent butter fat, 27.0.
Christensen Bros.: M. Christensen, driver; milk can, per cent butter fat, 4.0; specific gravity, 1.031; flavor, not clean; texture, pinhole; see figure 2.
Chrjstensen Bros.: M. Christensen, driver; cream, per cent butter fat, 22.0.
Harry Schow: Can milk, per cent butter fat, 4.0; specific gravity, 1.0306; flavor, clean; texture, firm; see figure 1.
Hans Koffoed: Can milk, per cent butter fat, 3.7; specific gravity, 1.0306; flavor, not clean; texture, slightly pinhole; see figure 2.
Hans Koeffoed: Cream, per cent butter fat, 24.5.
Rasmus Hanson: Can milk, per cent butter fat, 4.1; specific gravity, 1.0316; flavor, clean; texture, firm; see figure 1.
Rasmus Hanson: Cream, per cent butter fat, 29.0.
F. Berg: Can milk, per cent butter fat, 3.6; specific gravity, 1.032; flavor, bad; texture, pinhole; see figure 2.
F. Berg: Cream, per cent butter fat, 27.0.
T. J. Paulson: Can milk, per cent butter fat, 2.65; specific gravity, 1.034; flavor, not clean, texture, slightly pinhole; see figure 2.
T. J. Paulson: Cream, per cent butter fat, 20.5.
T. Olson: Can milk, per cent butter fat, 3.9; specific gravity, 1.030; flavor, not clean; texture, slightly pinhole; see figure 2.
T. Olson: Cream, per cent butter fat, 15.0.
John Lund: Can milk, per cent butter fat, 3.8; specific gravity, 1.0292; flavor, clean; texture, firm; see figure 1.
John Lund: Cream, per cent butter fat, 19.5.

- August Simon: Can milk, per cent butter fat, 4.0; specific gravity, 1.0315; flavor, clean; texture, firm; see figure 1.
- F. O. Johnson: Can milk, per cent butter fat, 5.2; specific gravity, 1.0296; flavor, clean; texture, firm; see figure 1.
- Sorensen Bros.: Christ Olson, driver; can milk, per cent butter fat, 3.6; specific gravity, 1.0315; flavor, clean; texture, firm; see figure 1.
- Sorensen Bras.: Christ Olson, driver; cream, per cent butter fat, 17.0.
- Rasmus Jensen: Can milk, per cent butter fat, 4.8; specific gravity, 1.032; flavor, not clean; texture, slightly pin-hole; see figure 2.
- Rasmus Jensen: Cream, per cent butter fat, 28.0.
- John Gunderson: Can milk, per cent butter fat, 3.6; specific gravity, 1.0346; flavor, not clean; texture, tough; see figure 1.
- John Holm: Can milk, per cent butter fat, 5.8; specific gravity, 1.0302; flavor, clean; texture, firm; see figure 1.
- John Holm. Cream, per cent butter fat, 22.5.
- E. Lund: Can milk, per cent butter fat, 3.3; specific gravity, 1.031; flavor, bad; texture, pinhole; see figure 2.
- E. Lund: Cream, per cent butter fat, 22.5.
- J. L. Kelly: Can milk, per cent butter fat, 3.4; specific gravity, 1.030; flavor, clean; texture, firm; see figure 1.
- J. L. Kelly: Cream, per cent butter fat, 20.0.
- August Larson: Can milk, per cent butter fat, 4.1; specific gravity, 1.027; flavor, clean; texture, firm; see figure 1.
- August Larson: Cream, per cent butter fat, 17.0.
- Nels Sorensen: Can milk, per cent butter fat, 3.6; specific gravity, 1.0306; flavor, clean; texture, firm; see figure 1.
- Nels Sorensen: Cream, per cent butter fat, 22.5.
- Sorenson Bros.: John Sorenson, driver; can milk, per cent butter fat, 3.7; specific gravity, 1.030; flavor, clean; texture, firm; see figure 1.
- Sorenson Bros.: John Sorenson, driver; cream, per cent butter fat, 17.
- P. Hetebrugge: Can milk, per cent butter fat, 4.0; specific gravity, 1.032; flavor, clean; texture, firm; see figure 1.
- P. Hetebrugge: Cream, per cent butter fat, 21.0.
- Levy Petts: Harry Petts, driver; can milk, per cent butter fat, 4.6; specific gravity, 1.0316; flavor, clean; texture, firm, see figure 1.
- Levy Petts: Harry Petts, driver; cream, per cent butter fat, 28.0.
- A. McArthur: G. McArthur, driver; can milk, per cent butter fat, 3.7; specific gravity, 1.030; flavor, bad; texture, slightly pinhole; see figure 2.
- A. McArthur: G. McArthur, driver; cream, per cent butter fat, 20.0.
- Louis Lee: Can milk, per cent butter fat, 4.2; specific gravity, 1.030; flavor, clean, texture, firm; see figure 1.
- Louis Lee: Cream, per cent butter fat, 18.5.
- Anlon H. Carlsgaard: Can milk, per cent butter fat, 3.6; specific gravity, 1.0316; flavor, clean; texture, firm; see figure 1.
- Anton H. Carlsgaard: Cream, per cent butter fat, 24.0.
- F. Rasmussen: Can milk, per cent butter fat, 4.5; specific gravity, 1.030; flavor, not clean; texture, pinhole; see figure 3.
- F. Rasmussen: Cream, per cent butter fat, 20.5.
- C. J. Johnson: Can milk, per cent butter fat, 3.2; specific gravity, 1.0312; flavor, not clean; texture, pinhole; see figure 3.
- Adam F. Schmidt: Can milk, per cent butter fat, 4.1; specific gravity, 1.031; flavor, clean; texture, firm; see figure 1.
- Adam F. Schmidt: Cream, per cent butter fat, 20.5.
- Chas. Jeninger: Can milk, per cent butter fat, 4.5; specific gravity, 1.030; flavor, not clean; texture, pinhole; see figure 2.
- E. J. Miller: Can milk, per cent butter fat, 3.5; specific gravity, 1.0322; flavor, not clean; texture, pinhole; see figure 2.
- March 28, 1906. Marinette.
- Nels Anderson, Marinette, Wis., Box 343: W. Anderson, driver; can milk, per cent butter fat, 4.40; specific gravity, 1.031; flavor, clean; texture, firm; see figure 1.

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- W. M. Yaeger, Marinette: Amelia Yaeger, driver; can milk, per cent butter fat, 4.10; specific gravity, 1.0313; flavor, clean; texture, firm; see figure 1.
- H. Stewart, Marinette, Wis.: Can milk, per cent butter fat, 4.80; specific gravity, 1.0332; flavor, clean; texture, firm; see figure 1.
- R. Gallert, Marinette: Hellen Gallert, driver; can milk, per cent butter fat, 4.40; specific gravity, 1.036; flavor, clean; texture, firm; see figure 1.
- Mike Bohman, Marinette, Wis.: Can milk, per cent butter fat, 4.20; specific gravity, 1.0301; flavor, clean; texture, firm; see figure 1.
- H. Madsen, Marinette, Box 45: Andrew Madsen, driver; per cent butter fat, 4.10; specific gravity, 1.0202; flavor, not perfect; texture, slightly pinholey; see figure 2.
- J. Antosh, dairy, Marinette, Wis.: Can milk, per cent butter fat, 3.0; specific gravity, 1.0323; flavor, clean; texture, firm; see figure 1.
- R. Peterson, 712 Main St., Marinette, Wis.: Can milk, per cent butter fat, 4.10; specific gravity, 1.0313; flavor, clean; texture, firm; see figure 1.
- Nels Anderson, Marinette, Wis., Box 343: Bottled cream, per cent butter fat, 26.
- Edward Boler, Maple Grove Dairy, Marinette: M. Hurlbut, driver; can milk, per cent butter fat, 3.50; specific gravity, 1.033; flavor, not perfect; texture, pinholey; see figure 2.
- Henry Van Haren, Marinette, Wis.: Can milk, per cent butter fat, 3.40; specific gravity, 1.0317; flavor, clean; texture, firm; see figure 1.
- Theadora Borst, Marinette, Wis.: Can milk, per cent butter fat, 3.90; specific gravity, 1.0308; flavor, not perfect; texture, firm; see figure 1.
- H. Madsen, Marinette, Wis.: Can milk, per cent butter fat, 3.90; specific gravity, 1.0308; flavor, clean; texture firm; see figure 1.
- Renhold, Gallet, R. F. D. No 28, Marinette, Wis.: Can milk, per cent butter fat, 4.50; specific gravity, 1.0288; flavor, clean; texture, firm; see figure 1.
- G. Remes, 3040 Carney Ave., Marinette, Wis.: Can milk, per cent butter fat, 4.10; specific gravity, 1.0306; flavor, clean; texture, firm; see figure 1.
- Albert Kern, Peshtigo, Wis.: Earl Carmen, driver; can milk, per cent butter fat, 2.50; specific gravity, 1.0337; flavor, clean; texture, firm; see figure 1.
- J. C. Wisner, R. F. D. No. 1, Marinette, Wis.: Can milk, per cent butter fat, 4.0; specific gravity, 1.031; flavor, clean; texture, firm; see figure 1.
- Charles Boe, Peshtigo, Wis.: Can milk, per cent butter fat, 3.30; specific gravity, 1.026; flavor, clean; texture, firm; see figure 1.

March 29, 1906. Ashland.

- John Helm: Can milk, per cent butter fat, 3.6; specific gravity, 1.0295; flavor, not clean; texture, firm; see figure 1.
- John Helm: Cream, per cent butter fat, 25.0.
- Dr. A. P. Andrews: Bottle milk, per cent butter fat, 4.7; specific gravity, 1.0298; flavor, clean; texture, firm; see figure 1.
- Dr. A. P. Andrews: Cream, per cent butter fat, 31.0.
- Gilbert Olson: Can milk, per cent butter fat, 3.7; specific gravity, 1.030; flavor, not clean; texture, firm; see figure 1.
- John Helm: M. Peterson, driver; can milk, per cent butter fat, 3.5; specific gravity, 1.029; flavor, clean; texture, firm; see figure 1.
- A. M. Raarups: Can milk, per cent butter fat, 3.8; specific gravity, 1.0304; flavor, clean; texture, firm; see figure 1.
- A. M. Raarups: Cream, per cent butter fat, 23.5.
- A. P. Simud: Can milk, per cent butter fat, 3.8; specific gravity, 1.0298; flavor, not clean; texture, firm; see figure 1.
- A. P. Simud: Can milk, per cent butter fat, 4.8; specific gravity, 1.028; flavor, clean; texture firm; see figure 1.
- Andrew Erickson: Can milk, per cent butter fat, 3.9; specific gravity, 1.030; flavor, not clean; texture, slightly pinholey; see figure 2.
- A. Frisky: O. Dane, driver; can milk, per cent butter fat, 3.7; specific gravity, 1.030; flavor, clean, texture, firm; see figure 1.
- Joe Martin: Can milk, per cent butter fat, 3.9; specific gravity, 1.030; flavor, clean; texture, firm; see figure 1.

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Nels Sorensen: Can milk, per cent butter fat, 3.8; specific gravity, 1.0302; flavor, not clean; texture, firm; see figure 1.

March 29, 1906. Rhinelander.

Frank McLaughlin, Rhinelander, Box 773: Can milk, per cent butter fat, 3.40; specific gravity, 1.0315.

Charles Crofoot, Rhinelander, Box 774: Can milk, per cent butter fat, 4.0; specific gravity, 1.0313.

Chas. Crofoot, Rhinelander, Box 774: Bottled milk, per cent butter fat, 3.50; specific gravity, 1.0314.

G. I. Clark, Rhinelander, 820 Car St.: Bottled milk, per cent butter fat, 4.0; specific gravity, 1.0325.

G. I. Clark, Rhinelander, 820 Car St.: Bottled cream, per cent butter fat, 22. Jenkens Creamery Co., Rhinelander: Can milk, per cent butter fat, 3.80; specific gravity, 1.0318.

Jenkens Creamery Co., Rhinelander: Can cream, per cent butter fat, 19.5.

April 3, 1906. Antigo.

August Goeman, Antigo, Wis., R. 5: Ernest Reker, driver; bulk cream, per cent butter fat, 18.5.

S. Dunnewald, Antigo, Wis.: Can milk, per cent butter fat, 4.0; specific gravity, 1.0316.

H. W. Green, Antigo, Wis., R. 4: Bottled milk, per cent butter fat, 4.10; specific gravity, 1.032.

John Knox, Antigo, Wis., Box 874: Bottled milk, per cent butter fat, 4.30; specific gravity, 1.0314.

S. B. Kendell, Antigo, Wis.: Bottled milk, per cent butter fat, 4.0; specific gravity, 1.0305.

S. B. Kendell, Antigo, Wis.: Bottled cream, per cent butter fat, 30.0.

March 31, 1906. Fort Atkinson.

Schultz Bros., Fort Atkinson, R. F. D. No. 4: Can milk, per cent butter fat, 3.70; specific gravity, 1.0308; flavor, clean; texture firm; see figure 1.

J. B. Hettis, Fort Atkinson, R. F. D. No. 1: Can milk, per cent butter fat, 4.80; specific gravity, 1.0308; flavor, clean; texture, firm; see figure 1.

Wm. Kyle, South Fourth St., Fort Atkinson: Can milk, per cent butter fat, 3.50; specific gravity, 1.0235; flavor, clean; texture, firm; see figure 1.

Earl Ralph, North High St., Ft. Atkinson: Can milk, per cent butter fat, 4.20; specific gravity, 1.030; flavor, not clean; texture, slightly pinhole; see figure 2.

Wm. Braunschwegs, Ft. Atkinson, R. F. D. No. 5: Can milk, per cent butter fat, 4.80; specific gravity, 1.0305; flavor, clean; texture, firm; see figure 1.

Fred Heger, Ft. Atkinson, R. F. D. No. 3: Can milk, per cent butter fat, 4.70; specific gravity, 1.031; flavor, clean; texture, firm; see figure 1.

April 4, 1906. Merrill.

B. M. Arres, 206 West 5th St., Merrill, Wis.: Can milk, per cent butter fat, 4.40; specific gravity, 1.0305; flavor, clean; texture, firm; see figure 1.

C. Hibbard, Merrill, Wis.: John Bromir, driver; bottled milk, per cent butter fat, 3.80; specific gravity, 1.0313; flavor, bad; texture, slightly pinhole; see figure 2.

C. Hibbard, Merrill, Wis.: John Bromir, driver; bottled cream, per cent butter fat, 24.

Wm. Podewiltz, Merrill, Wis.: Son Wibbard, driver; can milk, per cent butter fat, 2.80; specific gravity, 1.0334; flavor, not perfect; texture, firm; see figure 1.

Wm. Podewiltz, Merrill, Wis.: Son Wibbard, driver; can cream, per cent butter fat, 15.0.

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- S. K. Stevenson, Merrill, Wis.: Son Theodore, driver; can milk, per cent butter fat, 3.80; specific gravity, 1.030; flavor, clean; texture, firm; see figure 1.
- S. K. Stevenson, Merrill, Wis.: Son Theodore, driver; bottled cream, per cent butter fat, 22.0.
- H. E. Ashbrenner, Merrill, Wis., R. F. D. No. 1: Can milk, per cent butter fat, 3.0; specific gravity, 1.0311; flavor, not perfect; texture, slightly pinholey; see figure 2.
- Anna Ebbe, Merrill, Wis.: M. J. Norgaard, driver; can milk, per cent butter fat, 3.80; specific gravity, 1.031; flavor, clean; texture, firm; see figure 1.

April 6, 1906. Wausau.

- Chas. Morgenrath, Wausau, Wis., Box 137: Can milk, per cent butter fat, 3.0; specific gravity, 1.0315; flavor, clean; texture, firm; see figure 1.
- Chas. Morgenrath, Wausau, Wis.: Can cream, per cent butter fat, 20.0.
- Marathon County Dairy, 223 Second Ave., Wausau, Wis.: J. H. Fittle, driver; bottled milk, 4.40; specific gravity, 1.0304; flavor, clean; texture, firm; see figure 1.
- Marathon County Dairy, Wausau, Wis.: J. H. Fittle, driver; bottled cream, per cent butter fat, 23.5.
- Marathon County Dairy, Wausau, Wis.: R. Bliese, driver; bottled milk, per cent butter fat, 4.30; specific gravity, 1.0305; flavor, clean; texture, firm; see figure 1.
- G. W. Witter, Wausau: Can milk, per cent butter fat, 4.20; specific gravity, 1.0324; flavor, clean; texture, firm; see figure 1.
- J. J. Bean, Wausau, Wis.: Can milk, per cent butter fat, 3.60; specific gravity, 1.0293; flavor, clean; texture, firm; see figure 1.









WISCONSIN

Live Stock Sanitary and
Veterinary Laws

1905.

COMPILED BY
Secretary of Live Stock Sanitary Board.



MADISON, WIS.
DEMOCRAT PRINTING CO., STATE PRINTER.

1905.

ORGANIZATION

OF THE

Wisconsin Live Stock Sanitary Board.

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Secretary—JOHN M. TRUE, Madison.

Wisconsin Live Stock Sanitary and Veterinary Laws.

Appointment of state veterinarian; term, duties. SECTION 1492, statutes of 1898. The governor shall, with the advice and consent of the senate, appoint a competent veterinary surgeon to the office of state veterinarian; such appointment shall be made for the term of two years and until the qualification to his successor. The person so appointed shall take an oath of office which shall be filed in the office of the secretary of state. It shall be the duty of such veterinarian to prevent the introduction or spread of contagious and infectious diseases among domestic animals in this state, to co-operate with the state board of health in controlling and suppressing such diseases as are common to men and animals or any diseased condition of animals likely to have a deleterious effect upon the general health of human beings, to make such scientific study, investigations and experiments as he shall deem necessary in relation to the prevention and cure of diseases among animals and extend information concerning the same.

THE PRACTICE OF VETERINARY MEDICINE AND SURGERY.

Practitioners, who may be; record of. SECTION 1492*f*, statutes of 1898, as amended by ch. 82, laws of 1899. No person shall practice veterinary medicine and surgery or any branch thereof in this state for compensation or shall directly or indirectly ask or receive for his services as a practitioner thereof any fee or reward, nor shall be competent to testify as an expert witness in any court in matters pertaining to the dis-

eases of animals unless he be registered as a veterinary physician and surgeon by the register of deeds of the county in which he resides. No person shall be so registered unless he is graduate of a legally incorporated school or college of veterinary medicine and surgery, or shall hold a certificate of qualification as a veterinary physician and surgeon from a legally incorporated veterinary society, or shall have practiced veterinary medicine and surgery in this state for a period of not less than five years continuously before the twenty-eighth day of April, one thousand eight hundred and eighty-seven. The register of deeds of each county shall provide a book to be known as the veterinary medical registry in which he shall record the name of the registrant, of the institution which granted his diploma, or of the society which granted his certificate; or if the applicant for registration does not hold either, then he may be registered upon filing his affidavit stating that he has practiced veterinary medicine and surgery in this state for five years continuously prior to the date above given. Any person so registered and who shall pay to the register of deeds one dollar shall be entitled to continue the practice of veterinary medicine and surgery. Nothing in this section contained shall be construed to prohibit the rendition of services gratuitously in case of emergency or to prevent an authorized practitioner of an adjoining state from practicing in this state when his services are requested. Any person who shall violate the provisions of this section shall be punished by a fine of not less than ten dollars nor more than twenty-five dollars, or by imprisonment in the county jail not less than thirty nor more than ninety days or both.

Duties of local boards of health. SECTION 1492a of the statutes of 1898, as amended by ch. 215, laws of 1905. The various town, village and city boards of health shall take cognizance of the existence of contagious and infectious diseases among animals, report all cases thereof coming under their observation in their respective localities to the state veterinarian and co-operate with him to prevent their spread; any such board, or the health officer thereof, may order that any animal affected or suspected of being affected, with any such disease or which has been exposed thereto, shall be quarantined, and the removal thereof from any premises where it may be ordered to be kept shall be forbidden. If any such board shall be unable to determine the nature of any disease prevailing

among animals they may request the state veterinarian to investigate the same. Said veterinarian may quarantine premises upon which is a domestic animal afflicted with a contagious or infectious disease or that is suspected to be so afflicted or that has been exposed to such disease, and forbid the removal of any such animal or any animal susceptible to such disease therefrom by serving a written order upon the occupant or owner of such premises, and by posting a copy of such order at the usual entrance thereto; and if any such disease shall become epidemic in any locality he shall immediately notify the governor, who may thereupon issue a proclamation quarantining such locality, and forbidding the removal therefrom of any animal of the kind so diseased or of any kind susceptible to such disease without the written permission of the state veterinarian. Any person who shall remove or allow the removal, without such permission, of any animal quarantined under the provisions of this section, shall be punished as provided by law, be liable to all persons injured thereby for the damages sustained, and forfeit all right to the indemnity which he might be entitled to under section 1492b. And shall be deemed guilty of misdemeanor and upon conviction thereof punished by a fine of not less than twenty-five dollars (\$25.00) nor more than two hundred dollars (\$200.00) or by imprisonment in the county jail for not less than thirty days. "If the local health officer, or local board of health shall fail or refuse to co-operate with the state veterinarian or the live stock sanitary board in matters relating to the control and eradication of any contagious disease such as is involved in the quarantine or disposition of affected animals, or disinfection of infected premises, he or they shall be removed from office by the person or persons having power to make this appointment. The place shall be immediately filled by said appointive power."

Section 2. This act shall take effect and be in force from and after its passage and publication.

Approved May 9, 1903.

Transportation and concealment of diseased animals. SECTION 1491, statutes of 1898. No person shall bring into this state any domestic animal afflicted with, or that has been exposed to any infectious or contagious disease, or remove from any point within the state to another point therein any animal so afflicted or exposed; and every person who shall violate

any provision of this section shall be punished as provided by law and be liable to any person injured thereby for the damages by him sustained; and any corporation which shall bring any such animal into this state or transport any animal so afflicted or exposed from one point within the state to another point within shall also be so liable to any person injured by its acts, and in addition shall forfeit not less than two hundred dollars nor more than two thousand dollars.

Any person who shall know or have reason to suspect that there is upon his premises or upon premises under his control as agent or otherwise any domestic animal afflicted with a contagious or infectious disease and who shall fail or neglect to immediately report the fact to the local board of health or some member thereof, or who shall attempt to conceal the existence of such disease, or permit any animal afflicted therewith to run at large or to be kept in any place where other animals can become infected thereby, or who shall resist or obstruct the state veterinarian in the performance of his duty, or sell, offer for sale, give away, or in any manner part with the possession of any such animal, or any animal that has been exposed and is susceptible to any contagious or infectious disease, shall be punished as provided by law, be liable to all persons injured thereby for all damages by them sustained and shall forfeit his right to indemnity for the slaughter of such animal.

Board, how constituted; meetings; organization. SECTION 1, ch. 440, laws of 1901. There is hereby constituted a state live stock sanitary board which shall consist of three members of the state board of agriculture, to be chosen by that body from its membership, the bacteriologist of the state agricultural college, and the state veterinarian; the last two mentioned members to be ex-officio members of the board, and the state veterinarian to serve without additional compensation. The members selected from the state board of agriculture shall hold office for a term of three years, except that the member first chosen shall hold his position for one year, the second for two years, and the third for three years from the first day of June, 1901. They shall serve without salary, but shall be paid three dollars per day, and all members of the board shall be paid their actual expenses when in the discharge of their duties. Meetings of the board shall be limited to twelve in each year, and the service of no member on said board, for

which a per diem is paid, shall exceed thirty days in any one year. The board may organize by the election of a president and secretary and shall hold its office in such room in the capitol as the governor may designate.

CHAPTER 162, LAWS OF 1905.

Section 2 of chapter 440 of the laws of 1091 is hereby amended so as to read as follows: Section 2. It shall be the duty of the state live stock sanitary board to protect the health of domestic animals of the state; to determine and employ the most efficient and practical means for the prevention, suppression, control, or eradication, of dangerous, contagious or infectious diseases among domestic animals; and for these purposes it is hereby authorized and empowered to establish, maintain, enforce and regulate such quarantine and other measures relating to the movement and care of animals and their products, the disinfection of suspected localities and articles and the disposition of animals, as it may deem necessary, and to adopt from time to time, all such regulations as may be necessary and proper for carrying out the purposes of this act. Provided, however, in the case of slowly contagious diseases, only suspected or diseased animals shall be quarantined, and in case of bovine tuberculosis or actinomycosis, the owner shall be granted the option of retaining the animals in quarantine, under such restrictions as the board may prescribe or of shipping them under the auspices and direction of the board to some abattoir designated by it for immediate slaughter under United States government inspection. In case of the slaughter of animals under the provisions of this section the owner shall receive the net proceeds of the sale thereof and shall have no further claim against the state on account of such slaughter.

CHAPTER 32, LAWS OF 1905.

Section 3 of chapter 440 of the laws of 1901, as amended by chapter 22, of the laws of 1903, is hereby amended so as to read as follows: Section 3. Whenever the owner shall not exercise the option mentioned in the preceding section and it shall be deemed necessary by the board to slaughter diseased

animals, written notice shall be given to the owner, his agent or the person in charge of such animals, and to a justice of the peace in the county in which the animals may be, of the purpose to order the slaughter thereof, giving the number and description of the animals, and the name of the owner if known. Such notice shall be entered on the docket of such justice, who shall immediately thereafter summon such owner, agent or possessor, and also three disinterested citizens of the county, not residents of the immediate neighborhood in which such animals are owned or kept, to appraise the value thereof. Such appraisers shall, before entering upon the discharge of their duties, be sworn by such justice to make a true appraisal without prejudice or favor, of the value of such animals, and if such slaughter is made on the premises where said animals are kept, they shall certify in their return that they have seen the appraised animals slaughtered. In making the appraisal of diseased animals the appraisers shall determine their value in the condition in which they are found at the time of the appraisal; but the appraised value of no single animal shall exceed fifty dollars. In case of bovine tuberculosis if it shall be deemed advisable by the Live Stock Sanitary Board, such appraised animals shall be shipped at the expense of the state and under the direction and control of the board to some abattoir to be designated by the board for immediate slaughter under United States government inspection. A report must be submitted by a member of the Live Stock Sanitary Board stating that said animals have been slaughtered. The proceeds of such sale together with an account thereof and all disbursements made in connection with such shipment shall be returned to the secretary of the board and such net proceeds be by the secretary immediately transferred to the secretary of state who in turn shall pay the same to the state treasurer. If such appraised animals are slaughtered on the premises, said slaughter shall be made under the direction of local health officer or the chairman of the town board, or the state veterinarian, or his assistant, or any member of the State Live Stock Sanitary Board. The owner of slaughtered animals shall receive no compensation for the same, until said sanitary board is satisfied that the infected premises have been disinfected in such manner as to prevent the further spread of the disease.

SECTION 2. This act shall take effect and be in force from and after its passage and publication.

Importations, powers of board to prohibit; suspected stock.

SECTION 4. Whenever the state live stock sanitary board shall have reason to believe that there is danger of the introduction into this state of any contagious or infectious disease prevailing among domestic animals, in any district, outside this state, or its dissemination from one district in this state to another, it shall investigate the existing conditions, and if it conclude that danger exists to the live stock interests of this state therefrom, it may, with the advice and consent of the governor, prohibit the importation of animals of the kind diseased from the infected district, into this state, or the moving of them from one part of the state to another, except under such regulations as the board may establish. It shall be the duty of every person who shall have reason to suspect that there is upon his premises, or upon the premises occupied by him, or under his control, any domestic animal having a contagious or infectious disease, to immediately report the fact to the local board of health, or some member of the same, who shall immediately report such case to the state veterinarian, or the secretary of the board. The board or state veterinarian may require the owner of suspected stock to employ at his own expense, a qualified veterinary surgeon, to examine such stock, and determine whether, in his opinion, the disease exist. This board or any member thereof may enter upon any premises or go into any building or place, where he has reason to suspect there may be diseased animals, and examine the same and may call to his aid, if necessary, the sheriff or any constable of the county, in which such animals may be located, and all such officers when so called upon, shall assist such board or member thereof in the enforcement of the provisions of this act. Animals in transit in the state, are hereby declared to be under the provisions of this act.

CHAPTER 272, LAWS OF 1905.

Relating to the importation of cattle. SECTION 1. The importation of cattle into the state for breeding or dairy purposes is hereby prohibited, excepting when such cattle are accompanied by a certificate of inspection made by a duly qualified veterinary surgeon who is a graduate of a recognized veterinary college in the United States, Canada or Europe. Such certificate shall show, that at the time of said inspection

and within six months prior to shipment, said cattle had been subjected to tuberculin test and were free from tuberculosis or any other contagious disease of a malignant character, or in lieu of such an inspection certificate as above required, cattle may be shipped in quarantine to their first destination within the state, there to remain in quarantine under the direction of the local health officer until properly examined, at the expense of the owner, by an inspector duly appointed by the state live stock sanitary board.

SECTION 2. In case animals are inspected outside the state, duly certified certificates of inspection, giving in full the temperature records of the tuberculin test, must be prepared in triplicate, one of which is furnished the shipper, one furnished the transportation company hauling the cattle, and one forwarded immediately to the state live stock sanitary board at Madison, Wisconsin. The expense of such inspection and certificate shall be paid by the owner of such cattle.

SECTION 3. In case any cattle (including dairy cows, neat cattle for breeding, feeding or for temporary show purposes) are not accompanied with a duly certified certificate of inspection, the railroad company accepting such animals for shipment must immediately notify the secretary of the live stock sanitary board at Madison, Wisconsin, giving the name of the consignee, the number of animals shipped and the destination of the same, and the time of shipment from the starting place. The owner or shipper of such stock shall also notify the secretary of the live stock sanitary board at Madison, Wisconsin, of such shipment, stating that said animals have not been examined prior to their delivery to the transportation company transporting the same. Such statement shall be certified to before a notary and shall include a statement of the number of animals shipped and full description of the same, and the use for which they are immediately intended.

SECTION 4. The live stock sanitary board shall upon the receipt of such notification, notify the local health officer of such quarantine. In case the owner certifies that such animals are immediately and only intended for feeding or temporary show purposes, the sanitary board will order their release from quarantine, but, in the case of animals intended for breeding or dairy purposes which are not furnished with a properly certified certificate of inspection, the same shall be duly examined by an inspector appointed by the board. If after such examination said animals shall be found to be free from disease,

the same shall be released upon the payment by the owner of the expenses of such quarantine and examination. If upon such examination said animals, or any of them, shall be found to be affected with tuberculosis, or any other contagious or infectious diseases, then and in such an event, the Wisconsin state live stock sanitary board shall quarantine such animals and the same shall be disposed of in the manner provided in chapter 440 of the laws of Wisconsin of 1901, and the laws supplementary thereto and amendatory thereof, except that in no event shall the owner or shipper of such animals receive any indemnity from the state in case such animals are slaughtered, or the owner may re-ship affected animals to party or parties from whom the same were purchased. The expense of such quarantine, of the examination of such animals and subsequent disinfection of quarantined yards where disease is found to exist shall be paid by the owner or shipper of said cattle, the cost of such examination not to exceed seven dollars (\$7.00) per day and expenses.

SECTION 5. The provisions of this act shall not apply to persons transferring cattle through the state on cars to points beyond the state, or to persons living near the state line and owning land in adjoining states, and who may drive said cattle to and from said land for pasturage.

SECTION 6. Animals brought into the state for purposes of exhibition at county, state or other fairs, if sold within the state, must be subjected to the same test as breeding or dairy animals. Transportation companies unloading cattle in this state, which are not accompanied by a certificate of inspection as above designated, except as provided in section 3 of this act, shall be subject to a penalty of not less than fifty dollars nor more than two hundred dollars for each car so unloaded in this state, such penalty to be recovered at the suit of the state, brought by the attorney general.

SECTION 7. Any person or persons bringing into this state cattle that are not accompanied by a certificate of inspection as hereinbefore provided for, or failing to comply with the provisions of section 3, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not less than fifty dollars, nor more than two hundred dollars.

SECTION 8. This act shall take effect and be in force from and after its passage and publication.

Approved May 31st, 1905.

Claims, how paid. SECTION 5 of chapter 440 of the laws of 1901 is hereby amended so as to read as follows: Section 5. All claims against the state arising from the slaughter of animals as above provided shall be made by filing with the secretary of state a copy of the state veterinarian's notice to the justice of the peace, and the return of the appraisers to the justice, which notice and return shall be certified by him. The secretary of state shall examine these, and if satisfied that the amount awarded is just and that the owner of the animals slaughtered, is entitled to indemnity shall issue his warrant for two-thirds of the sum named in such return; but if he shall have reason to believe that the appraised value is greater than the real value of such animals, he shall pay such owner such less sum as he may deem just, provided, that the right to indemnity shall not exist, nor shall payment be made in either of the following cases: First. For animals owned by the United States, this state or any county, city, town or village in this state. Second. For animals brought into this state, contrary to the provisions of this act, or where the owner of the animal or the person claiming compensation has failed to comply with the provisions of the same. Third. When the owner or claimant, at the time of coming into possession of the animal, knew or had good reason to believe it to be afflicted with a contagious or infectious disease. Fourth. When the animal slaughtered was diseased at the time of its arrival in this state. Fifth. When the owner shall have been guilty of negligence, or has wilfully exposed such animals to the influence of a contagious or infectious disease. Sixth. When the animal slaughtered shall have been brought into the state within one year prior to such slaughter, unless the owner or person in charge shall produce the certificate of a duly qualified veterinary surgeon who is a graduate of a reputable veterinary college, issued within ten days of the date of importation, showing such animal to be free from tuberculosis at the time of its arrival in the state.

Allowance for experimental purposes; report of board; auditing of accounts. SECTION 6 of chapter 440 of the laws of 1901 is hereby amended so as to read as follows: Section 6. The state live stock sanitary board shall be allowed for experimental and such other purposes as shall be deemed necessary by said board, with the consent and approval of the governor, a sum not to exceed five hundred dollars annually which bill of expenditures shall be audited and approved by the

governor. It shall from time to time issue such bulletins of information as it may deem advisable, which with the biennial report of the board to be made to the governor shall be printed by the commissioners of public printing, the bulletins in such number as the governor may approve, and one thousand copies of the report of this board, five hundred of which shall be bound. The state veterinarian is hereby authorized to call to his assistance, as may be necessary in the performance of his work, duly qualified veterinary surgeons, who shall be paid for their services at the rate of seven dollars per day and their actual expenses for the time they are actually employed as assistants. Their accounts shall be audited upon itemized vouchers, certified to by the state veterinarian and approved by the governor, but no person shall be considered a veterinary surgeon, within a meaning of this act who is not a regular graduate in good standing of some recognized veterinary college in the United States, Canada or Europe. The appraisers herein provided for, shall receive two dollars for each day actually employed as such, which amount shall be paid out of the county treasury, upon the certificate of the justice by whom they were summoned. The justice of the peace and other officers who may perform any duty hereunder shall have the same fees as are allowed by law in criminal proceedings in justice courts, and shall be paid by the county in which their services are performed.

Stationery and postage. SECTION 7. The superintendent of public property is hereby instructed to furnish the state live stock sanitary board with the necessary stationery and postage stamps for its work.

Conflicting laws repealed. SECTION 8. All acts and parts of acts inconsistent with the provisions of this act, are hereby repealed.

Infected sheep; proceedings on taking up. SECTION 1489. If the owner of any sheep infected with foot rot, or any contagious disease shall permit them to be in any public highway or off his premises in any place at any time he shall forfeit ten dollars for each such sheep for each time the same shall be on such highway or off his premises, one-half of which shall be paid to the prosecutor; and if such owner shall, after request to do so, neglect to keep any such sheep within his enclosure any person may take up the same, when so found, and put them in a secure enclosure, other than the public pound.

Such person shall then notify the owner thereof within three days thereafter, and of the place where such sheep are confined; and such owner may obtain possession of the same within six days thereafter, and of the place where such sheep are confined; and such owner may obtain possession of the same within six days after being so notified by giving a bond with surety to be approved by a justice of the peace of the county, conditioned that such owner will restrain such sheep from going at large and will pay all damages sustained by any person by reason of their going at large while so infected and by paying the cost of taking up and keeping such sheep.

Such bond shall be executed and delivered to the clerk of the circuit court as obligee therein; and an action may be maintained thereon in his name for the benefit of any person injured by reason of a breach thereof. If any owner shall neglect to "so obtain possession of said sheep in the time and manner aforesaid the same may be sold by any sheriff or constable of the county upon like notice and in the same manner and with the same fees as in cases of sales upon justices' execution, and the proceeds of sale, after deducting the costs thereof and the expense of keeping such sheep, shall be paid to the owner thereof; but the purchaser at such sale shall, as a condition thereof, in like manner give the bond hereinbefore provided for. The finder may bid at such sale.

CHAPTER 168, LAWS OF 1903.

Governing the importation of branded or range western horses.

Certificate of inspection. SECTION 1. No person shall ship or bring into the state of Wisconsin branded or range western horses, unless the same are accompanied by a certificate of inspection made by a duly qualified veterinary surgeon who is a graduate of a recognized veterinary college in the United States, Canada or Europe. Which certificate shall show that at the time of said inspection the horses so inspected were free from glanders or farcy, infectious mange, or any other disease of a contagious malignant character. This inspection shall be made at the last loading place before entering the state, except in the case where animals are driven into the state, when the examination shall be made at the first stopping place within the state.

Certificates, number and contents of. SECTION 2. The inspector shall prepare certificates in triplicate, one to be given to the shipper, one to the transportation company hauling said horses, and one to be forwarded immediately to the state veterinarian at Madison, Wisconsin. Said certificate shall state that said inspector has carefully examined all such animals for glanders or farcy, infectious mange, or any other disease of a contagious malignant character, and has found the same to be entirely free from all such diseases. The certificate shall further state the number of the car or cars containing such animals, the initial letters of the railway owning the car or cars, the number of horses in each car, the name of the shipper, and the destination of the car or cars, and the name of the railroad hauling such car or cars, and shall be duly signed by and sworn to before a notary public or justice of the peace by the person making such inspection. The expenses of such inspection and certificate shall be paid by the owner or shipper of said horses.

Quarantine, when. SECTION 3. In case any such horses shall be brought into this state without the shipper or person in charge of the same having in his possession a certificate as provided in section one of this act, showing all such horses to be free from such diseases, the local health officer shall immediately quarantine the yards containing such animals, and at once notify the state veterinarian who shall immediately authorize an examination of said animals by a competent and duly qualified veterinary surgeon. If after such examination the said animals shall be found to be free from disease, the same shall be released upon payment of the expenses of such quarantine and examination as herein provided. If upon such examination said animals or any of them shall be found diseased with glanders or farcy, infectious mange or any other disease of a contagious malignant character, then and in such event the Wisconsin Live Stock Sanitary Board shall quarantine such animals, or cause the same to be slaughtered as is provided in chapter 440 of the laws of Wisconsin of 1901, except that in no event shall the owner or shipper of such animals receive any indemnity in case such animals are killed under the direction of said board. The expenses of such quarantine, examination of said animals and subsequent disinfection of quarantined yards where disease is found present, shall be paid by the owner or shipper of said horses.

Duty of Live Stock Sanitary Board. SECTION 4. In case any such horses shall be brought into this state after an inspection thereof as provided in section one of this act, and the owner or shipper thereof shall have a certificate of inspection as therein provided for, showing the said horses to be free from any such disease, and it shall come to the knowledge of the Wisconsin Live Stock Sanitary Board that said horses are suspected of being affected by diseases as specified in this act, then it shall be the duty of the Wisconsin Live Stock Sanitary Board to fully and carefully examine said horses, and if it shall be found and determined by the said board that the said horses were diseased at the time they were brought into this state, then the said board shall proceed to dispose of said horses as provided in chapter 440 of the general laws of 1901. But if the same are killed as therein provided no indemnity shall be paid to the owner of said horses, if the said disease existed at the time the horses were brought into this state; and the determination of the said Wisconsin Live Stock Sanitary Board shall be prima facie evidence upon that question.

Inspection unnecessary, when. SECTION 5. In case horses billed for points beyond the state are unloaded in the state for feeding purposes for a period not exceeding forty-eight hours, it shall not be necessary to make such inspection as above stated.

Penalty imposed on transportation companies. SECTION 6. Transportation companies unloading branded or western range horses in this state, which are not accompanied by a certificate of inspection as above designated, except as provided in section 5, shall be subject to a penalty of not less than one hundred dollars nor more than two hundred dollars for each car so unloaded in this state, such penalty to be recovered at the suit of the state, brought by the attorney general.

Penalty imposed on shippers or owners. SECTION 7. Any person or persons bringing into this state, branded or western range horses that are not accompanied by a certificate of inspection as hereinbefore provided, shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine of not less than one hundred dollars, nor more than two hundred dollars.

SECTION 8. This act shall take effect and be in force from and after its passage and publication.





WISCONSIN STATE FISH HATCHERY
MILWAUKEE WIS

59

BIENNIAL REPORT

OF THE

Commissioners of Fisheries

OF WISCONSIN

For the Years 1905 and 1906



MADISON, WIS.

DEMOCRAT PRINTING CO., STATE PRINTER.

1907

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LETTER OF TRANSMITTAL.

To the Honorable, the Legislature of Wisconsin:

The Commissioners of Fisheries present herewith an account of their transactions for the biennial period ending December 31, 1906, and a statement of receipts and disbursements of money during the fiscal years 1904-5 and 1905-6.

COMMISSIONERS' REPORT.

During the two years covered by this report the Commissioners have been engaged in the propagation and distribution of the usual varieties of fish. The output of fry has been larger than in any other biennial period and the number of fry planted in the year 1905-06 is the largest which they have to record.

The details of the work of the various hatcheries and of expenditures are contained in the report of the Superintendent, which is submitted herewith, and it is unnecessary here to repeat the information contained in that report.

The output of the black bass fry has been much increased by the supply from the Dousman pond, from which nearly 700,000 fry were distributed in 1906. From the Minoqua hatchery have been distributed between 300,000 and 400,000 each year. A large pond, covering several acres, was built in 1905 and this addition to the hatchery ought to lead to an increase of the output. The money appropriated by the legislature for a hatchery building has been expended in the erection of a well built and convenient structure for that purpose. The grounds have been graded; the dwelling-house moved to a more convenient location; and the whole property has been greatly improved during the biennial period.

The legislature of 1905 appropriated \$10,000. for a bass hatchery in the southern part of the state. The Commissioners selected a site at Delafield at the outlet of Nagawicka Lake. Ponds have been constructed and a pipe-line built, and next season should show a good output of bass fry from this hatchery. The completion of the hatchery will demand the expenditure of considerable more money. The bass hatchery involves a more expensive plant than does a trout hatchery, since a given area of water will support a much smaller number of adult bass than trout. The breeding ponds must, therefore, be much more extensive than is necessary in a trout hatchery.

Commissioners' Report.

The legislature of 1905 also made provision for a trout hatchery in the western part of the state. The commissioners have examined a number of sites but as yet have not been able to find one that is entirely satisfactory. It is the judgment of the Commissioners that if another trout hatchery is to be established, the best location in the state should be selected irrespective of the portion of the state in which it may be. Such a hatchery should be a large one with ample supply of pure water, so that a large output of trout may be expected for many years. The Commissioners would, therefore, recommend that the present legislature remove the restriction imposed on the location of this hatchery.

The fishway law, enacted by the legislature of 1905, made it the duty of the Commissioners to inspect all dams in the state and to furnish suitable plans for fishways in each. Acting under the directions of this statute, the Commissioners expended some \$600 in performing the duties thus committed to them. The special session of the legislature, however, modified the law to such an extent as to make it quite ineffective. The various streams in the state differ so greatly as regards fish and as regards the necessity for fishways in the dams which may cross them, that it is very difficult to enact a general statute which shall fairly meet these different conditions. It is the opinion of the Commissioners that a statute authorizing them to order the construction of fishways wherever in their judgment fishways are needed, would be a more satisfactory solution of the problem than has been hitherto reached.

Very respectfully submitted,

CALVERT SPENSLEY, Prest.
JAS. J. HOGAN, Vice Prest.
E. A. BIRGE, Secretary,
WILLIAM J. STARR,
HENRY D. SMITH,
JABE ALFORD,
A. A. DYE,

Commissioners of Fisheries.

Financial Report.

FINANCIAL STATEMENTS.

STATEMENT FOR YEAR ENDING JUNE 30, 1905.

RECEIPTS.

1904.			
July 1.	Balance on hand.....	\$995 43	
	Annual appropriations.....	30,000 00	
	Fish sold, A. Kalmbach.....	204 85	
	J. J. Hogan, Treasurer.....	38 18	
			\$31,233 46

DISBURSEMENTS.

1905.			
June 30.	Salary, Jas. Nevin, Supt., 12 months.....	\$2,000 00	
	Salary, Arthur Sykes, clerk, 12 months.....	1,080 00	
			\$3,080 00

Madison Hatchery.

	Salary, Valentine Maag, foreman, 12 months.....	\$900 00	
	Salary, Jas. Foy, 12 months.....	600 00	
	Salary, Frank Suthers, 5 months.....	390 00	
	Salary, Albert Gallagher, 4 months.....	220 00	
	Sundry employment.....	257 29	
	Fish food.....	1,031 83	
	Distributing fish.....	180 50	
	Supplies for barn.....	220 55	
	Supplies and equipment.....	481 45	
	Trout eggs purchased.....	204 35	
	Miscellaneous expenditures.....	16 25	
			\$4,502 22

Bayfield Hatchery.

	Henry Sykes, foreman, 12 months.....	\$960 00	
	Salary, F. C. Ramsdale, 12 months.....	720 00	
	Salary, Bernard Holtman, 12 months.....	540 00	
	Salary, Andrew Wahlquist, 12 months.....	540 00	
	Salary, John Walters, 2 months.....	90 00	
	Sundry employment.....	1,044 06	
	Fish food.....	1,461 97	
	Distributing fish.....	138 14	
	Supplies for barn.....	255 13	
	Supplies and equipment.....	692 18	
	Permanent improvements.....	850 09	
	Collecting lake trout eggs.....	700 33	
	Trout eggs purchased.....	250 00	
	Miscellaneous expenditures.....	9 00	
			\$8,250 90

*Financial Report.***Oshkosh Hatchery.**

Salary, John Maag, foreman, 11 months.....	\$880 00	
Salary, Albert Gallagher, 6 months.....	330 00	
Sundry employment.....	134 00	
Rent of water.....	491 17	
Distributing fish.....	145 86	
Supplies and equipment.....	375 68	
Collecting pike spawn.....	622 22	
Collecting whitefish eggs.....	248 65	
		<u>\$3,227 58</u>

Minocqua Hatchery.

Salary, Robt. Ripple, foreman, 12 months.....	\$840 00	
Sundry employment.....	227 63	
Supplies and equipment.....	627 35	
Permanent improvements.....	1,298 43	
Collecting pike spawn.....	606 05	
Collecting black bass breeders.....	768 58	
Distributing fish.....	133 90	
Fish food.....	148 50	
Collecting muskellunge spawn.....	120 97	
Supplies for barn.....	73 67	
Miscellaneous expenditures.....	20 00	
		<u>\$4,870 08</u>
Expenses, Jas. Nevin, Supt., 12 months.....	\$347 15	
Transportation	4,435 53	
Repairing and maintaining distributing car.....	73 12	
Premium, State Insurance Fund.....	95 65	
Collecting and distributing black bass.....	865 03	
Miscellaneous expenditures.....	357 03	
		<u>\$30,104 29</u>
Total expenditures, 12 months.....		60
Lapsed into general fund.....		

1905.		
July 1.	Balance on hand.....	1,133 57
		<u>\$31,238 46</u>

STATEMENT FOR YEAR ENDING JUNE 30, 1906.

RECEIPTS.

1905.		
July 1.	Balance on hand.....	\$1,133 57
	Annual appropriations.....	30,000 00
Nov. 1.	Appropriation for bass hatchery.....	10,000 00
1906.		
June 1.	J. J. Hogan, treasurer.....	33 60
		<u>\$41,167 17</u>

DISBURSEMENTS.

1906.		
June 30.	James Nevin, Supt., salary, 12 months.....	\$2,000 00
	Arthur Sykes, Clerk, salary, 12 months.....	1,170 00
	Geo. Dahl, clerk, salary, 4 months.....	210 00
		<u>\$3,380 00</u>

*Financial Report.***Madison Hatchery.**

Val. Maag, salary, 12 months.....	\$900 00	
Frank Suthers, salary, 4 months.....	320 00	
James Foy, salary, 12 months.....	600 00	
Albert Gallagher, salary, 9 months.....	505 00	
Sundry employment.....	339 27	
Disbursements for fish food.....	850 13	
Distributing fish.....	88 38	
Supplies for barn.....	147 20	
Supplies and equipment.....	343 34	
Permanent improvements.....	302 63	
Trout eggs purchased.....	150 00	
Miscellaneous expenditures.....	12 00	
		\$4,557 95

Bayfield Hatchery.

Henry Sykes, salary, 12 months.....	\$960 00	
Frank C. Ramsdale, salary, 11 months.....	660 00	
Bernard Holtman, salary, 12 months.....	580 00	
And. Wahlquist, salary, 12 months.....	540 00	
Hugo Dufva, salary, 12 months.....	531 60	
John Hagberg, salary, 12 months.....	531 60	
Sundry employment.....	214 50	
Disbursements for fish food.....	749 38	
Disbursements, supplies for barn.....	235 07	
Disbursements for supplies and equipment.....	397 68	
Permanent improvements.....	684 03	
Disbursements collecting lake trout eggs.....	442 00	
Disbursements investigating trout disease.....	179 01	
Disbursements collecting whitefish eggs.....	250 00	
Collecting brook trout eggs.....	350 00	
Miscellaneous expenditures.....	20 00	
		\$7,324 87

Oshkosh Hatchery.

John Maag, salary, 12 months.....	\$960 00	
Wilmot Nevin, salary, 7 months.....	350 00	
Sundry employment.....	136 00	
Rent of water.....	545 85	
Disbursements distributing fish.....	247 34	
Supplies and equipment.....	264 10	
Collecting lake trout eggs.....	150 15	
Collecting whitefish eggs.....	182 25	
Collecting wall-eyed pike eggs.....	780 61	
		\$3,616 30

Minocqua Hatchery.

Robert Ripple, salary, 12 months.....	\$840 00	
Sundry employment.....	375 13	
Supplies and equipment.....	673 95	
Supplies for barn.....	65 20	
Permanent improvements.....	2,051 65	
Building hatching house.....	221 60	
Collecting black bass breeders.....	248 87	
Distributing fish.....	138 80	
Fish food.....	75 00	
Collecting pike eggs.....	343 80	
Miscellaneous expenditures.....	108 15	
		\$5,142 15

Delafield Hatchery.

Surveying and preliminary expenses.....	\$158 23	
Real estate purchased.....	4,000 00	
Supplies and equipment.....	685 00	
		\$4,843 23

Financial Report.

Dousman Pond.

Geo. D. Phinney, salary, 8 months.....	\$160 00	
Disbursements for equipment and maintenance..	276 79	
		<hr/>
Expenses, James Nevin, Supt., 12 months.....		\$436 79
Transportation		\$467 57
Repairing and maintaining distributing car.....		5,400 63
Premium, State Insurance Fund.....		216 34
Collecting specimens economic fishes.....		101 25
Locating fishways.....		171 13
Collecting and distributing white bass.....		597 37
Gathering pickerel spawn.....		396 84
Collecting and distributing black bass.....		88 50
Miscellaneous expenditures.....		241 11
		286 10
		<hr/>
Total expenditures, 12 months.....		\$37,268 13
Lapsed into general fund, account annual appropriations		36
Balance on hand.....		3,898 68
		<hr/>
		\$41,167 17

Superintendent's Report.

SUPERINTENDENT'S REPORT.

To the Commissioners of Fisheries of Wisconsin:

GENTLEMEN: I give here following the customary biennial review of the condition of the state fish hatcheries and stations, and of the fisheries of the state in general; with suggestions as to the needs of the department and the work which is ahead of us. I have reported to you from time to time regarding the current work, the stock of fish at the hatcheries, the number of eggs collected, etc. Hence you are generally informed on these subjects and it is not necessary for me to speak of them at this time. I append a detailed account of the distribution of fish each year, including a table showing the distribution from each hatchery each year and a summary of the whole distribution made; therefore no mention is made of these facts in connection with the statements about the hatcheries which immediately follow this introductory paraphrase.

During the biennial period under consideration, four hatcheries and one sub-station have been in operation. Collections of fish and eggs independent of the hatcheries have been made from the Catfish river, near Madison, from the Mississippi river sloughs and the Fox river at Neenah.

MADISON HATCHERY.

The Madison hatchery has been maintained, with about the usual output of trout fry during each year of the period under consideration as for the past eight years. This hatchery will never again reach its maximum of productivity on account of the falling off of the water supply with which you are entirely familiar. However, the overseer of

Superintendent's Report.

the hatchery reports that during the past year the springs have shown an increased flow as compared with other recent years. We are keeping the plant in repair, but no improvements of importance have been made during the last biennial period. The embankments of most of the ponds at this place have been faced with lumber. This material is of comparatively short duration and it is necessary to replace it with new lumber from time to time. Several ponds now need lining and concrete should be used for the purpose. Other repairs to the plant should also be made. These improvements and repairs should cost not less than \$2,000. We cannot spare this amount of money from our yearly appropriations and still make as large distribution of fish as in the past. Nevertheless the work should be done.

OSHKOSH HATCHERY.

The output of pike, lake trout, and white fish from this hatchery during the past two years has been larger than usual as shown by the statements appended. The hatchery building should be painted next year. Judged by its output, this is one of the most important hatcheries and it is very efficiently managed.

BAYFIELD HATCHERY.

This plant is in very good condition. Cement sidewalks have been built, a steam heating plant installed in the main building and the electric light line, connecting the hatchery with the village of Bayfield, purchased.

I have reported from year to year a considerable loss of stock fish in our ponds from disease. We have not lost as many fish during the past year as usual because we did not have as many fish in our ponds as in the past. In June, 1905, you made application to the Bureau of Fisheries at Washington for the services of Mr. M. C. Marsh, Pathologist of the Bureau, (who has had valuable experience in determining the cause of diseases of trout in ponds) to make an examination of the waters of the

Superintendent's Report.

Bayfield hatchery, find, if possible, the cause of the disease from which the trout in the ponds have died and to suggest a remedy. The Commissioner of Fisheries at Washington acceded to your request and a thorough examination of the case was made by Mr. Marsh and a possible remedy or preventive suggested. I append his report in this matter. We carefully followed out his suggestions, but a comparison of the losses in the ponds where the remedy was not used with those in which it was used does not indicate that beneficial results have followed the use of the remedy suggested.

MINOCQUA HATCHERY.

I consider the Minocqua station one of the most important of our hatcheries. I am somewhat disappointed in the number of black bass we have been able to distribute from this hatchery. In 1905 we built a large pond covering several acres. Mr. Ripple, the foreman, expects this pond to be very productive of bass next year. I have concluded that bass are not as prolific in the waters of the northern part of the state as in the warmer waters of the southern part of the state, nor is the food for the young fish as abundant in the northern waters as farther south. Consequently it is much harder to propagate bass in the colder waters of the northern lakes than in the southern part of the state, and the northern lakes are depleted of fish more readily. This is also true, no doubt, of most other varieties of game fish. We have found it much easier to propagate the large-mouth bass than the small-mouth variety. We find that the small-mouth bass take readily to the artificial nests, but a much smaller percentage of eggs are hatched. It is claimed by some fish-culturists that a low temperature of water, or the lowering of the temperature of the water, in which the eggs are being incubated, is responsible for a large part of the loss of impregnated black bass eggs in our ponds.

We hatched a much larger number of muskellunge eggs at Minocqua last year than in any previous year. Mr. Ripple, who

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had this work in charge, expects to collect a large number of these eggs each year in the future and thinks he will be able to hatch ninety per cent of the eggs taken.

The building for this hatchery, for which the legislature made a special appropriation, has been erected and other improvements made. In addition to the building of the large hatching house, the dwelling was moved to another location, a barn built, a pipe line to supply the hatching house laid and the grounds neatly graded and leveled.

DOUSMAN POND.

In September, 1905, we rented a pond for bass culture in Waukesha county, known as the Phinney pond. This pond was formerly a mill pond and is located about one mile from Dousman station and some seven miles from Delafield. We supplied the pond with black bass breeders and the result greatly exceeded our expectations, and enabled us to make a much larger distribution of black bass than ever before. This is, beyond question, an unusually good pond for the propagation of bass and yields an unlimited amount of food for the young fish. The result of this experiment has confirmed my belief that the waters in that part of the state are much better for the propagation of bass than the colder waters of the northern part of the state. We have a large stock of bass breeders in this pond now and expect to obtain a large number of black bass from it next summer.

THE NEW BASS HATCHERY.

The last legislature appropriated \$10,000 for a bass hatchery in the southern part of the state. You selected a site for this hatchery at Delafield, Waukesha county, at the outlet of Nagawicka lake. After purchasing the real estate needed in addition to that donated by the citizens of Delafield, with the remainder of the appropriation we built two large ponds and laid eleven hundred feet of sixteen-inch wooden pipe to supply additional ponds with water. The bulkheads to the ponds are



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permanently made of concrete. We have a stock of bass breeders for the ponds and expect to make a distribution from this hatchery this year.

We need an extra appropriation of \$20,000, in addition to our standing appropriation, to build ponds, a suitable hatchery, an overseer's residence, fence the grounds, make other necessary improvements and operate the hatchery during the next two years.

DISTRIBUTING CAR "BADGER."

Our distributing car has been extremely busy during the seasons of distribution of the past two years, handling as far as possible the output of the hatcheries. It was able to do this in part only and recourse was had to the baggage cars of passenger trains, as in the past, to handle more than one-half the product of the hatcheries. Our car was built in 1893 and has been through much hard service since that time. Nevertheless, it is in first-class condition today. In fact it is a better car now than when it first came from the shops. During the past fall it has been thoroughly overhauled, repaired and varnished.

The thanks of the Fish Commission are due the railway companies and their employees for cheerfully handling this car with care and dispatch at all times.

THE OFFICE.

The clerical work of the Commission, previous to March, 1905, was done by one man. Since that time it has been necessary to employ extra help in the office from time to time. The constantly increasing business of the Commission will make additional help in the office necessary in the near future.

ANOTHER TROUT HATCHERY.

An appropriation of \$5,000 was made in 1905 for another state trout hatchery to be located in the western part of the state. The appropriation for this purpose did not become

Superintendent's Report.

available under the law until November 1, 1906, which was too late in the year to begin such hatchery even though a satisfactory place for it had been found. The Commissioners looked at several places which had been suggested for this hatchery and I visited a number of other sites most of which are not at all suitable for the purpose. In my opinion you will not be able to find in the western part of the state the best available place for this new trout hatchery. I believe that under the circumstances the legislature should be asked to amend the law in such manner as to authorize the Fish Commission to locate this hatchery at such place as in their judgment is best suited for the purpose without regard to any particular locality or section of the state. The interests of all parts of the state will be as well taken care of if the hatchery is located in one part of the state as another, and all parts of the state will receive greater benefit by locating the hatchery in the very best available location. The quota of fry allotted to each section will be pro rata in any case so far as practicable and no section will derive any decided advantage over any other section by reason of a hatchery being located there. I would prefer to go back in the woods fifty miles for a first class site rather than locate where we would have just an *ordinary* trout hatchery. We should locate where we can carry and maintain the largest stock of brook trout breeders and thus secure the largest number of eggs. If we can do this, it will be an easy matter to provide for the equitable distribution of the fry by supplying the Bayfield and Madison hatcheries with eyed spawn from this, the main, trout hatchery; and if necessary, additional inexpensive sub-stations could be established in any part of the state, where it appears they are desirable, for the purpose of hatching the eyed spawn received from this hatchery and distributing the fry to convenient streams.

PLANTING PICKEREL.

At different times in the past we have planted pickerel fry and impregnated eggs in Lake Mendota at Madison. Last year we planted 5,180,000 impregnated pickerel eggs in these waters. Local fishermen have reported increased catches of pickerel, fol-

Superintendent's Report.

lowing in due time the plantings made heretofore. I believe that this work may be continued with good results. A few years ago we planted a considerable number of pickerel fry in the lakes about Minocqua, in which no pickerel were found prior to this planting. I have watched with great interest the result of this experiment and the growth of the pickerel planted at that time. When the pickerel were two years old, thousands were caught and large numbers of them were taken each succeeding season. So many pickerel were taken as the years passed, that it seemed to me that not many could be left in the lakes, but last spring while collecting pike spawn from these waters, we frequently took from seven hundred to eight hundred pounds of pickerel from our nets, daily. There is considerable call for pickerel fry for stocking public waters, I believe you should propagate and generally distribute this species to suitable waters for which stock is asked. There is some prejudice against pickerel among sportsmen on account of their tendencies to cannibalism, but in my opinion they are not given to cannibalism more than other game fish. All species of game fish destroy other fish as far as possible to the full extent of their needs for food, and do not discriminate in this matter between their own kind and other species. No other agency is so destructive of fish-life in our waters as the fish.

COLLECTION OF BASS FROM THE MISSISSIPPI RIVER SLOUGHS.

We have gathered black bass from the Mississippi River sloughs for several years with varying degrees of success. The last two years have been lean in this work, owing to the high stage of water which permitted the young bass to return to the river. Some years the river declines rapidly after the spring freshets and the young fish are left in the sloughs in large numbers. In years of this kind we are able to make a large distribution of fingerling bass from this source to the inland waters of the state. Black bass were so scarce in the sloughs the past year that we found it cost more to collect the fish than they were worth.

Superintendent's Report.

RESULTS FROM PLANTING WALL-EYED PIKE.

We are often in receipt of complaints from people who have planted pike fry in waters in which they are interested, to the effect that the pike do not live in their waters and satisfactory results are not obtained from planting pike fry from the hatcheries. It is generally claimed that the fish do not live after planting, as they do not catch them. This may be true in some cases, but more often it is not. I know of a number of lakes in which pike are plentiful and can be taken in large numbers with nets during the spawning season, from which, probably, not a dozen pike a year are taken by angling. They do not take the bait readily in such waters and can only be caught by fishing in certain places at certain times of the season and of the day. The pike will take the bait quite readily in some lakes for perhaps two weeks during the year, but after the season has passed the fishermen will not catch another fish of that kind during the year. Pike are plentiful in the Mississippi river, but during the summer months none are caught with hook and line. After the first fall frost, Mississippi river fishermen begin angling for pike. In some lakes the pike will not bite during the day time, but can be caught late in the evening or even well into the night. In other lakes they bite best about sundown.

COLLECTION AND DISTRIBUTION OF WHITE BASS.

Early in the fall of 1905 our attention was called to the fact that small white bass, perch, and other fish congregated below the dams and back of the mills on the Fox river at Neenah and Menasha, and it was claimed by residents and others that these young fish would be destroyed by the chemicals flushed from the paper mills from time to time. We employed a crew of men and a launch and set about saving as many of these fish as possible. We caught the young fish with seines from back of the mills and below the dams and transferred them to Lake Winnebago. A few of these fish were transplanted in inland lakes. We transplanted, altogether, 10,000 black bass; 723,880

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perch and 1,463,000 white bass. We went to Neenah again in October, 1906, but did not find enough small fish there to warrant us in continuing the work. We have been told by some that the fish are there in large numbers every year; others say that the year 1905 was an exception and that they are not usually so numerous there. I am gratified to learn from several sources that good results have followed the transplanting of mature white bass from the Wolf river, during the years 1894-99, to other inland waters.

FISHWAY LAW.

The Legislature of 1905 enacted a law which made it the duty of the Fish Commission to examine all dams on streams containing game fish and order fishways constructed therein. During the summer of 1905 you spent some \$600.00 examining dams and furnishing plans for fishways. The special session of the legislature so amended this law as to make its enforcement impractical and a nuisance to the Fish Commission. No appropriation was made by the Legislature to meet the expenses of doing this work. The present fishway law should be repealed or otherwise so amended as to make its enforcement practicable. If the legislature imposes this work on the Fish Commission, it should be left with the Commission to determine in what dams fishways are necessary and should provide funds for the work of examining dams, furnishing plans of fishways &c.

EGGS RECEIVED FROM THE BUREAU OF FISHERIES.

We received from the Bureau of Fisheries of the United States in 1905, 10,000,000 whitefish eggs, and in 1906, 19,360,000 whitefish eggs and 7,004,000 lake trout eggs. We are indebted to Hon. Geo. M. Bower, Commissioner of Fisheries, for these liberal allotments of eggs. Plants of different kinds of game fish have also been made by the Bureau of Fisheries in various parts of the state during the years named. We are glad to have these plants made in our waters and thoroughly appreciate this good work of the Bureau of Fisheries. We are also under obligations to Commissioner Bower, for freely giving the services

Superintendent's Report.

of Mr. Marsh, the pathologist of the Bureau, to assist us in locating the cause of the disease in our trout ponds at Bayfield; and to Mr. Marsh for the keen personal interest he took in the matter.

It has been a great pleasure to me personally as well as to all of the commissioners to cooperate with the national bureau of fisheries at all times when its agents or representatives have come into this state for any purpose.

CIVIL SERVICE.

Our employees are working under the rules of the Civil Service Commission and appointments to positions at the hatcheries are now made through that agency. We will welcome improvement in our department from any source, but it would be difficult indeed to obtain better service than has been given the Commission in the past by our employees generally. I cannot express in words my appreciation of the devotion of our employees to their work and the good service they have rendered.

GREAT LAKE FISHERIES.

The fishermen on Lake Superior have had very poor catches during the past two years. The season of 1906 was one of the poorest the fishermen ever had. Tugs discontinued fishing early in the season from one end of the lake to the other on account of the scarcity of fish. The apparent dearth of fish is probably only temporary. There was a similar scarcity of fish in Lake Superior thirty years ago. I shall be greatly disappointed if there is not a larger catch of fish from those waters in a year or two than the fishermen ever had. The fishing season of 1904 was the best fishermen ever experienced in the vicinity of Bayfield. Following that year of plenty, the number of fishermen and nets increased three-fold in that locality, hence the fishermen feel more keenly the scarcity of the past two seasons.

Superintendent's Report.

The fishing has been good on Lake Michigan, especially during the past year, and the fishermen have had the best season in years. The catch has not been larger than usual but the price received by the fishermen for their product was unusually high, which combined with a good catch, made this year the best year the fishermen on these waters ever had.

There is a crying need of better protection for the lake trout and whitefish in the Great Lakes. The great desideratum in this matter is a law regulating the size of the meshes in the nets used by the fishermen.

Not many small meshed nets are used in Lake Superior. In general, the fishermen on those waters are desirous of protecting the small whitefish, but there are some violators in all localities. A few unscrupulous fishermen believe they should be permitted to slaughter the small whitefish when they come near the shore during the summer months and they have succeeded in doing so to a considerable extent. The game-warden department has not given the small whitefish in those waters much protection in the past, consequently a great many have been taken and sold for herring or family whitefish. To prevent this the game warden should be provided with a gasoline launch for the purpose of looking after the fishing grounds of Chequamagon Bay and about the Apostle Islands, so he can run out easily and quickly, watch the fishermen as they take in their nets and be informed as to just what is being done and the kinds and size of fish taken. I have been told by Mr. Lund, the game-warden in that locality that he has seen the equivalent of one hundred packages small whitefish captured at one haul of a seine when the fishermen were catching suckers near shore.

For ten years no laws regulating the size of the meshes in nets used by the fishermen in Lake Michigan have been enacted. During this period, the fishermen have increased their investments in nets, boats, and other appliances, taken advantage of vast improvements in apparatus and transportation; reduced the size of the meshes in the nets; and pursued the fish so persistently and with so little regard to the future, that, notwithstanding the efforts of the fish commissions of the state and na-

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tion, the catch of the better classes of commercial fishes is not increasing in pounds as it should. It is true the fishermen are as prosperous as in the past, but this is due to an increased catch of herring and an increase in the price per pound received for all kinds of fish. This condition of the fisheries of the Great Lakes, especially on Lake Michigan, is due to the fact that fishermen catch, with small meshed nets, and market hundreds of tons of small, immature whitefish and lake trout weighing from one-fourth to one and one-half pounds each, thus aborting in a large measure the work of the fish hatcheries in stocking the waters. The fishermen obtain for these small fish about two cents per pound whereas they would receive from five to eight cents per pound for the fish if they were left in the waters until they had come to maturity, gaining thereby, not only the increase in the weight of the fish but a much increased price per pound as well. The fishermen could not employ more effectual means of destroying their own business than catching and marketing the young fish which come to their nets. Pharaoh's plan to destroy an obnoxious people was incomparably better planned but far less effective than the save-at-the-spigot-waste-at-the-bung methods of the fishermen in eliminating their greatest asset in business. On the other hand they could not make a better investment of the money received for the immature fish than to let the fish remain in the water and come to maturity. To illustrate this,—The fishermen receive about \$4,000.00 for one hundred tons of these immature fish. If left in the water another year they would receive \$16,000.00 for the same number of fish. If left in the lake for three years with the increase in weight and in price they would yield the fishermen \$36,000.00, a gain of 800% over the amount they would receive for the same fish if marketed the first year; and this gain costs the fishermen nothing. What would a business man do under the circumstances? What farmer would market his stock of sucking pigs or calves when he could bring them to maturity without expense and realize an increased price per pound. In no other business or vocation are such sacrifices made or permitted. It

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is almost beyond belief that in this day of enlightenment and progress that the fishermen should wantonly catch and market the immature fish when it must be apparent to the dullest of them that they are injuring their own business by doing so. Some fishermen have thousands of dollars invested in the business and their children will follow the same vocation, perhaps for life. There is of course a cause for this paradoxical state of affairs and a remedy for the bad condition existing. The cause lies in the lack of good laws, the remedy is good laws well enforced.

Many fishermen plainly see that they are following a ruinous course. The Commercial Fishermen's Association, at their meeting in Milwaukee in December, decided to recommend to the legislature the adoption of a law providing that nets with meshes of less than three inches stretched shall not be used. They should have recommended a four inch mesh at least. The fishermen as a class will not and can not, in the nature of things, successfully overcome through organization the evil I have pointed out without the aid of good laws. Many fishermen would gladly protect and foster the immature fish, but a large number of them seem to prefer the present destructive policy.

The State sows the seed for the fishermen without charge and collects from him no taxes on the waters he crops. The fish in the waters are declared by law to be the property of the state, to be taken under such restrictions as may be prescribed. The people, therefore, have an interest, in the food supply, furnished by the waters of the state, which should be protected by laws regulating the time, methods and apparatus used in securing this food product. The Legislature should pass laws regulating the size of the meshes in the nets used by the fishermen and impose such other restrictions as are necessary to protect the fish and secure the largest possible product of its fisheries. Such legislation must be supplemented by *a strict enforcement of the laws*. Drastic measures are not desirable or necessary for this purpose. The fishermen who now have money invested in small-meshed nets should be given time and opportunity to use up the twine on hand. A year would be sufficient for this

Superintendent's Report.

purpose. Then beginning in 1908 no nets with meshes less than four inches should be permitted. All fish taken in nets of four-inch mesh would be marketable and the fishermen would have no fish of illegal size to market. If this plan is pursued, the fishermen will not catch as many fish with nets of large mesh during the first three years, but would receive almost as much money for the catch as at present; and in a few years they would reap a rich harvest as the result of this restraint, and the people of the state would be able to get good sized fish for their tables. By no other means will results commensurate with expenditures for the propagation of fish in those waters ever be had.

More men are employed and more capital invested in the fisheries of the Great Lakes than ever before. Gasoline launches and steam tugs have taken the place of the sail boat, and other far reaching improvements in nets, storage, etc., are employed. Considering these facts, it is only reasonable to suppose that lake trout and whitefish would be a thing of the past in the Great Lakes if it had not been for the fish hatcheries. More lake trout are caught in the waters of Lake Michigan to-day than were taken from those waters twenty-five years ago. Seventy five per cent of the lake trout taken from Lake Superior fifteen years ago were of the species known as the siscowet trout. I do not think there are five hundred pounds of siscowet trout taken, now, during a whole season's fishing from Lake Superior. The siscowet trout were never propagated by the Fish Commission, which, I have no doubt, accounts for their disappearance.

The work of the Fish Commission in planting lake trout and whitefish fry in the Great Lakes is heartily indorsed by a large majority of the fishermen dependent on those waters, and it is generally acknowledged that it is due to our efforts that these fish are increasing.

The call for stock for the inland lakes and streams is far beyond the means of the Commission to supply, and the popularity of the work and its good results are fully attested by the urgent and greatly increased number of applications for fish from all classes throughout the state.

Superintendent's Report.

On the whole, I feel that substantial progress has been made along the entire line of fish cultural work under your direction. We have not only largely increased the distribution of fish from the hatcheries, but have enlarged on the work and gained much in useful knowledge of means, methods and results.

JAS. NEVIN,

Superintendent of Fisheries.

Madison, Wisconsin, January 1, 1907.

Distribution of Fish.

DISTRIBUTION OF FISH.

BROOK TROUT FRY PLANTED, 1905.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
ADAMS COUNTY—		
A. C. Howard, White Creek.....	Fairfield, Duck and Schoon- over creeks.....	4,500
A. P. Fish, Kilbourn.....	Corning creek.....	3,000
D. French, Kilbourn.....	Corning creek.....	3,000
J. A. Bidwell, Easton.....	White creek.....	4,500
		15,000
ASHLAND COUNTY—		
L. B. Marstin, Mellen.....	Taylor forks.....	6,000
Chas. W. Tyler, Mellen.....	Trib. Tylers forks.....	3,000
John Steffeck, Mellen.....	Trout brook.....	3,000
C. P. Peck, Mellen.....	Trib. Tylers forks.....	3,000
B. Yankee, Butternut.....	Bazzner creek.....	3,000
H. H. Yankee, Butternut.....	Deer creek.....	3,000
Paul Zoesch, Butternut.....	Rabbit creek.....	3,000
Max Kilian, Butternut.....	Kilian creek.....	3,000
Geo. Sell, Glidden.....	Dryden creek.....	6,000
Richard Kilian, Butternut.....	Spring creek.....	3,000
Theo. R. Yankee, Ashland.....	Brick creek.....	3,000
W. G. Nohl, Ashland.....	Deer creek.....	3,000
Oscar Mordgaest, Highbridge.....	Billy creek.....	6,000
Louis G. Hansen, Ashland.....	Lenz creek.....	3,000
H. P. Sorenson, Ashland.....	Fish creek.....	3,000
Geo. F. Merrill, Ashland.....	Whittlesy creek.....	3,000
J. E. Day, Ashland.....	Day creek.....	3,000
Thomas Knutson, Ashland.....	Whittlesy creek.....	3,000
W. S. Cole, Ashland.....	Vaughn creek.....	3,000
L. Matson, Ashland.....	Potato creek.....	3,000
Frank Warner, Ashland.....	Deer creek.....	3,000
W. F. Sanders, Ashland.....	Wilmarth creek.....	3,000
W. D. Carson, Washburn.....	Streams in Ashland county.....	3,000
		81,000
BARRON COUNTY—		
Henry Halverson, Dallas.....	Doe creek.....	3,000
E. A. Pelton, Dallas.....	North Pine creek.....	3,000
Wm. Boehmer, Rice Lake.....	Hickey creek.....	3,000
M. P. Barry, Rice Lake.....	Silver creek.....	3,000
H. J. Langerude, Rice Lake.....	Cobb creek.....	3,000
H. S. Comstock, Cumberland.....	Spring brook and Sand creek.....	15,000
N. W. Heintz, Rice Lake.....	Little Bear creek.....	3,000
Fred Schroeder, Turtle Lake.....	Spring creek.....	6,000
Albert Rosenbush, Turtle Lake.....	Smith creek.....	6,000
P. E. Olson, Rice Lake.....	Tuscobia creek.....	3,000
S. A. Peterson, Rice Lake.....	Rock creek.....	3,000
Edwin Field, Rice Lake.....	Little Bear creek.....	3,000
J. J. Moe, Rice Lake.....	Hickey creek.....	3,000
Sofus Moe, Dallas.....	North Sioux creek.....	3,000
A. A. Saners, Dallas.....	Main creek.....	3,000
D. A. Russell, Dallas.....	Doe creek.....	3,000
Jasper E. Olsen, Rice Lake.....	Tuskobia creek.....	3,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
BARRON COUNTY—Continued.		
D. J. Borum, Barron	Pine creek.....	6,000
Geo. R. Borum, Barron.....	Johnson creek.....	3,000
L. S. Cherry, Barron.....	Johnson and Four-mile creeks.....	6,000
T. W. Borum, Barron.....	Barker creek.....	3,000
W. T. Porter, Barron.....	Barker creek.....	6,000
		93,000
BAYFIELD COUNTY—		
Zic Enochson, Ashland.....	Big Brook.....	6,000
Frank Nemeo, Cable.....	Nemacogin river.....	6,000
A. F. Hochev, Bibon.....	Brendeen creek.....	3,000
J. G. Manch, Bibon.....	Brendeen creek.....	3,000
Chas. Neilly, Bibon.....	Hemlock creek.....	3,000
James Murphy, Bibon.....	Spring Lake.....	3,000
J. Koppen, Bibon.....	Hemlock creek.....	3,000
Harry Moore, Cable.....	Nemacogin river.....	6,000
Wm. Bixby, Cable.....	Big brook.....	3,000
H. E. Welton, Pratt.....	Diamond creek.....	3,000
David Kent, Pratt.....	Long Lake Branch.....	3,000
John Kent, Pratt.....	Diamond creek.....	3,000
Gus. Broman, Pratt.....	Robinson creek.....	3,000
Adolph Habelt, Pratt.....	Diamond creek.....	3,000
Ed. Peterson, Washburn.....	Hill creek.....	3,000
Olaf M. Olson, Washburn.....	Fish creek.....	3,000
H. G. Martins, Washburn.....	Fish creek.....	3,000
Monroe Sprague, Washburn.....	Onion river.....	3,000
Geo. T. Fox, Washburn.....	Hill creek.....	3,000
R. A. Herring, Washburn.....	Little Sioux river.....	3,000
E. E. Kenfield, Washburn.....	East Fork Iron river.....	3,000
D. J. Estabrook, Washburn.....	Lost creek.....	6,000
W. D. Carson, Washburn.....	Four Mile creek.....	3,000
Wm. Olson, Washburn.....	Sioux river.....	6,000
J. D. Goodnough, Washburn.....	Cranberry river.....	3,000
H. R. Hochdanner, Washburn.....	Siskiwit river.....	9,000
W. D. Carson, Washburn.....	Siskiwit and Big Sioux rivers.....	6,000
P. J. Savage, Iron River.....	Flag river.....	3,000
Geo. P. Crocker, Iron River.....	East Fork Iron river.....	3,000
W. W. Barker, Iron River.....	Middle Branch Iron river.....	3,000
F. A. Bell, Washburn.....	Iron and Muskeg rivers.....	6,000
H. D. Vaughan, Iron River.....	Muskeg river.....	3,000
H. H. Jewett, Iron River.....	Iron river.....	3,000
L. E. Baum, Iron River.....	Spring creek.....	3,000
Koplin & Koplin, Iron River.....	Tributaries Muskeg river.....	3,000
H. Lund, Iron River.....	Middle Branch Embarrass river.....	3,000
N. C. Drew, Superior.....	West Fork of White river.....	9,000
Jas. D. La Chance, Superior.....	Spring lake.....	6,000
		150,000
BROWN COUNTY—		
F. D. B. Duchateau, Green Bay.....	Shibly creek.....	3,000
Val. Beth, Green Bay.....	Trout creek.....	3,000
Peter Divicy, Green Bay.....	North Branch Suamico river.....	3,000
Jacob G. Nicks, Green Bay.....	Trout creek.....	3,000
R. F. Burdon, Green Bay.....	Syrills and Trout creeks.....	6,000
Dr. J. A. Powless, Green Bay.....	Spring and Muskrat brooks.....	6,000
M. B. Brennan, Greenleaf.....	Boorman Springs.....	6,000
		30,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
BUFFALO COUNTY—		
Ole J. Ward, Mondovi.....	Big, Dutch, Brown and Ben- net creeks.....	6,000
C. A. Costley, Mondovi.....	Hicks creek.....	1,500
John D. Pace, Mondovi.....	Rossman creek.....	1,500
Thomas Ward, Mondovi.....	Ford creek.....	1,500
P. W. Armess, Mondovi.....	Big creek.....	1,500
A. J. Branstad, Mondovi.....	Bennet Valley creek.....	1,500
P. B. Amunson, Mondovi.....	Brown creek.....	1,500
		15,000
BURNETT COUNTY—		
Andrew Peterson, Trade Lake.....	Pine lake.....	6,000
CHIPPEWA COUNTY—		
W. H. Dutton, Bloomer.....	Duncan creek.....	3,000
F. H. Kreiling, Chippewa Falls.....	Duncan creek.....	3,000
Theo. Horland, Bloomer.....	Hay creek.....	3,000
Chas. Putnam, Bloomer.....	O'Neil creek.....	3,000
C. D. Donaldson, Bloomer.....	Sand creek.....	3,000
Herman Klund, Bloomer.....	Coney creek.....	3,000
Nels Nelson, Bloomer.....	O'Neil creek.....	3,000
A. J. Anderson, New Auburn.....	North Birch and Sand creeks.....	6,000
Arndt Erickson, New Auburn.....	South Birch and Sand creeks.....	6,000
C. H. Enderline, Chippewa Falls.....	Murphy creek.....	3,000
O. C. Detloff, Chippewa Falls.....	Little Hay creek.....	3,000
Dave Cote, Chippewa Falls.....	Trout creek.....	3,000
Earl Wilson, Chippewa Falls.....	East Fork Stillson river.....	3,000
Rod. Carrol, Chippewa Falls.....	Little Beaver creek.....	3,000
Edw. Reister, Chippewa Falls.....	Murphy creek.....	3,000
G. A. Mandlert, Chippewa Falls.....	Big Beaver creek.....	3,000
Dr. H. M. Trankle, Bloomer.....	Duncan creek.....	3,000
L. L. Thayer, Bloomer.....	McCann creek.....	3,000
L. P. Stevens, Bloomer.....	Connor and Beaver creeks.....	6,000
Andrew Dietlien, Bloomer.....	West Fork O'Neil creek.....	3,000
T. Y. Buchanan, New Auburn.....	Sand creek.....	6,000
John D. Close, Chippewa Falls.....	Elk creek.....	6,000
D. W. Beacher, Cadott.....	Clear lake.....	3,000
Aug. Junenau, Boyd.....	Hay creek.....	6,000
Geo. Nelson, Boyd.....	Shilts creek.....	3,000
S. R. Kaiser, Cadott.....	Latz creek.....	3,000
V. Kisl, Cadott.....	Bently creek.....	3,000
C. F. Miller, Cadott.....	Pane creek.....	3,000
Ben Dietrick, Cadott.....	Beaver creek.....	3,000
		105,000
CLARK COUNTY—		
Barker & Barker, Greenwood.....	East Branch Rocky river.....	6,000
Fred Stecker, Colby.....	East Fork.....	6,000
Christ Glenzer, Colby.....	Poplar river.....	3,000
Henry Eder, Colby.....	Dill creek.....	3,000
Fred Stecker, Colby.....	East Fork.....	6,000
Christ Glenzer, Colby.....	Poplar river.....	3,000
Henry Eder, Colby.....	Dill creek.....	3,000
		30,000
COLUMBIA COUNTY—		
P. W. Mackenzie, Poynette.....	Rocky Run and Hazel creek.....	3,000
R. C. Young, Poynette.....	Raven creek.....	3,000
E. Hinkson, Poynette.....	Raven creek.....	3,000
Thos. B. Closs, Cambria.....	Closs creek.....	3,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
COLUMBIA COUNTY—Continued.		
Frank E. Moran, Portage.....	Trib. French and O'Keefs creeks	3,000
A. J. Klenert, Portage.....	O'Keefs creek.....	3,000
W. R. Ketchum, Portage.....	Little Neenah.....	3,000
F. F. Bennett, Poynette.....	Rocky Run.....	1,500
J. Frank Collin, Lodi.....	Spring creek.....	3,000
Dr. S. L. Verbeck, Lodi.....	Spring creek.....	3,000
		28,500
CRAWFORD COUNTY—		
Chas. B. Irving, Soldiers Grove.....	Conway, Fairwater, and Broderick creeks.....	4,500
Geo. H. Davidson, Soldiers Grove.....	Kickapoo river.....	6,000
J. O. Davidson, Soldiers Grove.....	Kickapoo river.....	6,000
		16,500
DANE COUNTY—		
E. E. Lawrence, Token Creek.....	Token and Spring creeks..	3,000
DODGE COUNTY—		
W. H. Thorpe, Beaver Dam.....	Drake and Shaw creeks....	4,500
DOUGLAS COUNTY—		
John Bergin, Gordon.....	Little and Big Mud creeks..	6,000
R. G. Fleming, Solon Springs.....	Flemings brook.....	6,000
Henry Miller, Superior.....	Ox creek.....	6,000
N. Lucius, Jr., Solon Springs.....	Bruce river and Trib.....	9,000
E. A. Arnold, Superior.....	Bukatv brook and Sheens creek	6,000
C. S. Cooley, Superior.....	Sawyer creek.....	6,000
M. H. Giffin, Superior	State Line creek.....	6,000
F. J. Kenyon, Superior	State Line creek.....	6,000
E. J. St. Onge, Superior.....	Spring creek.....	6,000
J. A. Longworth, Brule.....	Sand creek.....	6,000
Theo. Engstrand, Brule.....	Little Brule river.....	6,000
W. J. Conness, Brule.....	Stony brook.....	6,000
Arch. McCoy, Superior.....	Big Balsam creek.....	6,000
Halge Johnson, Superior.....	State Line creek.....	6,000
W. P. Crawford, Superior.....	Rock creek.....	6,000
Geo. Marley, Superior.....	Big Balsam.....	6,000
Larry Brennan, Superior.....	State Line.....	6,000
Fred Westman, Superior.....	Little Balsam.....	6,000
Jas. Lucius, Bell.....	Brule river.....	24,000
Fred J. Seguin, Superior	Rock creek.....	6,000
		141,000
DUNN COUNTY—		
E. P. Trautman, Menomonie.....	Little Elk creek.....	1,500
M. A. Hanson, Menomonie.....	Hay creek.....	1,500
John A. Wilcox, Menomonie.....	Rush creek.....	1,500
L. Ingraham, Menomonie.....	Hall creek.....	1,500
E. Marks, Menomonie.....	Ivy creek.....	3,000
K. C. Davis, Menomonie.....	Lousy creek.....	1,500
R. E. Bundy, Menomonie.....	Little Elk creek.....	1,500
C. A. Clark, Menomonie.....	Lambs creek.....	1,500
Wm. F. Rowe, Menomonie.....	Rush creek.....	1,500
F. J. Basner, Wheeler.....	Otter creek.....	3,000
J. P. England, Wheeler.....	Big Otter.....	3,000
F. J. Basner, Wheeler.....	Otter creek.....	3,000
P. Nooney, Wheeler.....	Beaver creek.....	3,000
Dr. J. H. Proudlock, Wheeler.....	Little Otter creek.....	3,000
F. J. Hones, Colfax.....	Honey creek.....	3,000
Edd. Buffington, Colfax.....	School creek.....	3,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
DUNN COUNTY—Continued.		
E. G. McKinney, Colfax.....	Larson creek.....	3,000
C. M. Amble, Colfax.....	Eighteen-mile creek.....	3,000
O. N. Amble, Colfax.....	Nelson creek.....	3,000
Olaf Peterson, Colfax.....	Bjomson creek.....	3,000
A. A. Anderson, Colfax.....	Brunken creek.....	3,000
		51,000
EAU CLAIRE COUNTY—		
W. T. Duganne, Altoona.....	Six-mile creek.....	3,000
H. E. Edgell, Altoona.....	Otter creek.....	3,000
H. V. Kyle, Augusta.....	Sand creek.....	3,000
R. E. Johnson, Augusta.....	Bridge creek.....	3,000
Henry Wise, Fall Creek.....	Fall creek.....	3,000
H. J. Swanke, Fall Creek.....	Beaver creek.....	3,000
Wm. Swanke, Augusta.....	Grass and Sand creeks.....	3,000
J. O. Enockson, Altoona.....	Seven-mile creek.....	3,000
Chas. Stiding, Altoona.....	Six-mile creek.....	3,000
L. A. McKinley, Altoona.....	Nine-mile creek.....	1,500
Wm. Neibuhr, Fall Creek.....	Otter creek.....	1,500
Carl Zuke, Fall Creek.....	Bear-Grass creek.....	1,500
Nels C. Jaeger, Eau Claire.....	Elk creek.....	3,000
W. E. Wahl, Eau Claire.....	Coon creek.....	3,000
Wm. Hoepfner, Eau Claire.....	Elk creek.....	3,000
L. E. Craine, Eau Claire.....	Elk creek.....	3,000
A. J. Kittsman, Eau Claire.....	Coon creek.....	3,000
Wm. L. Harvey, Eau Claire.....	Clear creek.....	3,000
J. E. Davey, Eau Claire.....	Seven-mile creek.....	3,000
E. J. Mittlestadt, Eau Claire.....	Big Elk creek.....	3,000
		55,500
FLORENCE COUNTY—		
Dr. H. P. Chambers, Florence.....	La Page creek.....	6,000
Fred Olin, Florence.....	Ojibway creek.....	9,000
W. W. Noyes, Florence.....	Price creek.....	6,000
E. W. Hopkins, Commonwealth.....	La Page, Anderson and Pine creeks.....	9,000
S. A. Swanson, Florence.....	Brule creek.....	6,000
		36,000
FOND DU LAC COUNTY—		
Wm. Wedde, Campbellsport.....	McCullough creek.....	3,000
F. F. Wicker, Campbellsport.....	Elmore creek.....	6,000
E. F. Reichmott, Ripon.....	Ladoga creek.....	3,000
L. E. Reed, Ripon.....	Roy creek.....	3,000
H. P. Cody, Ripon.....	Silver creek.....	3,000
J. W. Wright, Ripon.....	Snake creek.....	3,000
E. J. Burnside, Ripon.....	White creek.....	3,000
T. L. Chittenden, Ripon.....	Puckyan creek.....	3,000
H. C. Eversz, Ripon.....	Dakin creek.....	3,000
Ed. Cole, Ripon.....	Clark creek.....	3,000
Frank Beau, Calvary.....	Schroeder creek.....	6,000
H. C. Goffman, Rosendale.....	Willow creek.....	6,000
W. J. Gillette, Rosendale.....	Florida creek.....	6,000
R. B. Born, Fond du Lac.....	Camp-ground creek.....	3,000
Christ Schnell, Fond du Lac.....	Trib. Lake Winnebago.....	3,000
E. P. Worthing, Fond du Lac.....	DeNevu creek.....	3,000
Thos. A. Watson, Fond du Lac.....	Byron creek.....	3,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
FOND DU LAC COUNTY—Continued.		
C. H. Ordway, Fond du Lac.....	Parsons creek.....	3,000
Alex L. Marcoe, Fond du Lac.....	Camp Ground.....	3,000
Cyrus Chadbourne, Fond du Lac....	Stroup creek.....	3,000
Henry S. Miller, Fond du Lac.....	Parson creek.....	3,000
		72,000
FOREST COUNTY—		
M. S. Barker, Crandon.....	Rat river and Wil creek....	6,000
Archie McIsaacs, Cavour.....	Houston creek.....	6,000
Wm. A. Bull, Cavour.....	Trib. Peshtigo river.....	6,000
Jos. La Soana, Armstrong Creek....	Fink creek.....	6,000
W. E. Fairfield, Green Bay.....	Armstrong creek.....	6,000
P. Shay, Armstrong Creek.....	Armstrong creek.....	6,000
Connor Lumber Co., Laona.....	Kokot creek.....	15,000
R. S. Elliot, Laona.....	Crystal creek.....	6,000
		57,000
GRANT COUNTY—		
Fred Orton, Lancaster.....	Austin and McPerson creeks	3,000
F. B. Callis, Lancaster.....	Walker and Day creeks....	3,000
J. A. McPherson, Ellenboro.....	McPerson Branch.....	3,000
W. D. Burr, Lancaster.....	Williams creek.....	3,000
		12,000
GREEN COUNTY—		
Adam Schmidt, Monroe.....	Branch of Sugar river.....	3,000
		19,500
IOWA COUNTY—		
H. F. Roberts, Dodgeville.....	Williams Branch.....	1,500
F. Jewell, Dodgeville.....	Head of Pecatonica river...	1,500
F. A. Metcalf, Dodgeville.....	Williams creek.....	1,500
F. J. Poynter, Dodgeville.....	Martin creek.....	1,500
H. D. James, Dodgeville.....	Gooery creek.....	1,500
Geo. Parsons, Dodgeville.....	Harker creek.....	1,500
W. E. Williams, Dodgeville.....	Flint creek.....	1,500
Edw. A. Perkins, Dodgeville.....	Phillips creek.....	1,500
Dr. Chas. Schmidt, Dodgeville.....	Regan creek.....	1,500
F. F. Starry, Barneveld.....	Price and Walnut Hollow creeks.....	3,000
Lucas Jones, Barneveld.....	Jones and Valley creeks....	3,000
		19,500
IRON COUNTY—		
And. Fleischbein, Hinkle.....	Spring brook.....	6,000
James Murphy, Kimball.....	Spring creek.....	3,000
M. J. Connors, Hurley.....	Spring brook.....	6,000
Geo. C. Foster, Hurley.....	Spring brook.....	9,000
F. J. Peterson, Hurley.....	Creek near Powell.....	6,000
		30,000
JACKSON COUNTY—		
F. N. Blackwell, Taylor.....	Pine creek.....	1,500
Tom. Holmgreen, Taylor.....	Lon creek.....	1,500
B. Berg, Taylor.....	Pine creek.....	1,500
Fred J. Bowman, Taylor.....	Pine creek.....	1,500
S. K. Bergseth, Taylor.....	Upper Sculey.....	1,500
S. Olson, Taylor.....	Pine creek.....	1,500
A. C. Anderson, Taylor.....	Pine and Rutley creeks....	1,500
Earl Jones, Hixton.....	Pine creek.....	1,500
W. E. Hoffman, Hixton.....	South Branch.....	1,500
C. O. Pratt, Hixton.....	Tank creek.....	1,500

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
JACKSON COUNTY—Continued.		
W. E. Pratt, Hixton.....	North Branch.....	1,500
Chas. B. Stoltz, Sechlerville.....	South Branch Spring and Curran creeks.....	1,500
E. G. Wallace, Hixton.....	Tank creek.....	1,500
James Chatt, Sechlerville.....	Low creek.....	1,500
Gay R. Sechler, Sechlerville.....	Sly creek.....	1,500
P. R. Frost, Millston.....	Robison and Clear creeks..	3,000
Walter H. Wright, Shamrock.....	Stoney and Trout Run creeks	3,000
C. M. Perry, Black River Falls.....	Pappoose and French creeks	3,000
Amos Brown, Shamrock.....	Clear and Mile creeks.....	3,000
I. Bowman, Black River Falls	Hoffman creek	1,500
Mose Bone, Merrillan.....	Hall creek.....	3,000
F. H. Smith, Melrose.....	Varmum, Douglas & Spaulding creeks.....	3,000
Dr. E. E. Moore, Merrillan.....	Wrights creek.....	4,500
Wm. Smothers, Millstyon.....	Wyman creek.....	1,500
Spencer Woodworth, Black River Falls	Printz creek.....	1,500
A. U. Spaulding, Disco.....	Willow and Pebble creeks..	3,000
R. B. Jones, Black River Falls.....	Town creek.....	1,500
J. L. Taggart, Black River Falls.....	Trout creek.....	1,500
R. G. Mason, Black River Falls.....	Sloser Run.....	3,000
John H. Mills, Black River Falls.....	Squaw creek.....	1,500
		60,000
JEFFERSON COUNTY—		
Wm. Yeo, Palmyra.....	Oakhill creek.....	3,000
JUNEAU COUNTY—		
J. B. Edwards, Mauston.....	Hibcock and Mile creeks...	7,500
J. A. Minett, New Lisbon.....	Hatin and Clifton creeks...	3,000
C. A. Leicht, New Lisbon.....	Fountain and Macomber creeks	6,000
E. H. Townsend, New Lisbon.....	Schoonover and Jackson creeks	6,000
Geo. M. Frohmader, Camp Douglas..	Bear creek and South Branch	3,000
J. A. Crosby, Elroy.....	Seymour creek.....	3,000
C. J. Phillips, Camp Douglas.....	Swanet and Doyle creeks..	4,500
John Garvin, Elroy.....	Mile creek.....	6,000
Wm. Searles, Elroy.....	Seymour creek.....	3,000
Alvin Kellog, Elroy.....	Seymour creek.....	3,000
P. A. Cleary, Elroy.....	W. and N. Braches Baraboo river	6,000
		51,000
LA CROSSE COUNTY—		
John Erickson, Rockland.....	Fish and Big creek.....	6,000
Alex Johnson, West Salem.....	Adam's Valley, Luce, Barclay, Gills Cooley and Larson's creeks	15,000
L. E. Larson, Holmen.....	Beag and Sour creeks.....	6,000
Olaf. R. Wall, Onalaska.....	Halfway and Anderson creeks	6,000
Wm. G. Meyer, Bangor.....	Adam's Valley, Fish, Anderson and Burns creeks.....	15,000
		48,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
LANGLADE COUNTY—		
Edw. Cleary, Antigo.....	Evergreen river.....	12,000
H. Schmeisser, Antigo.....	Evergreen river.....	6,000
C. E. Albright, Antigo.....	Spring brook.....	6,000
Geo. W. Crundel, Antigo.....	Branch Eau Claire river....	6,000
C. D. Long, Antigo.....	Head of Red river.....	6,000
E. D. Roberts, Janesville.....	Pickereel creek.....	15,000
Wm. H. Richardson, Sheboygan Falls	Enterprise creek.....	6,000
		57,000
LINCOLN COUNTY—		
Henry White, Merrill.....	Prairie river.....	3,000
Edw. M. Bates, Dudley.....	Prairie river.....	3,000
John A. Niles, Merrill.....	Devil river.....	1,500
O. L. Stephens, Heineman.....	Prairie river and tributaries	1,500
Will G. Adams, Merrill.....	West Branch of Prairie	
	river.....	1,500
A. J. Stange, Merrill.....	Prairie river.....	1,500
Harry R. Allen, Merrill.....	Prairie river.....	1,500
Wm. R. Brunson, Irma.....	Little Pine.....	3,000
C. M. Johnson, Merrill.....	Prairie river.....	1,500
W. E. Thielman, Merrill.....	Prairie river.....	1,500
John Van Hecke, Merrill.....	Prairie river.....	1,500
W. S. Roberts, Merrill.....	Prairie river.....	1,500
A. H. Wright, Merrill.....	Prairie river.....	1,500
Ed. Heilman, Merrill.....	Prairie river.....	1,500
And. Howen, Tomahawk.....	Branch of Little Rice river	1,500
John Pospisiel, Heineman.....	Prairie river.....	3,000
Henry Dudley, Dudley.....	Prairie river.....	3,000
Frank Doering, Doering.....	North Branch of Pine river	3,000
H. H. Heineman, Heineman.....	Prairie river.....	3,000
G. M. Little, New Lisbon.....	Alta Springs, head of N.	
	Prairie river.....	7,500
Herb. Allen, Bundy.....	West Branch Noisy brook..	6,000
		55,500
MANITOWOC COUNTY—		
Wm. Trossen, Mishcote.....	Jamb creek.....	3,000
MARATHON COUNTY—		
C. B. Westcott, Wausau.....	Sun creek.....	3,000
E. D. Underwood, Wausau.....	Black creek.....	1,500
Phillip Stadler, Wausau.....	Rib river.....	1,500
H. R. Seim, Wausau.....	Sand creek.....	1,500
A. L. Dodge, Wausau.....	Black creek.....	1,500
H. C. Dern, Wausau.....	Black creek.....	1,500
W. J. Kregel, Wausau.....	Sand creek.....	1,500
M. C. Thom, Wausau.....	Sand creek.....	1,500
John Fehl, Wausau.....	Little Trappe river.....	1,500
H. W. Pradt, Wausau.....	Trappe river.....	1,500
R. L. Kiser, Wausau.....	Black creek.....	1,500
H. G. McCrossen, Wausau.....	Sand creek.....	1,500
C. S. Curtis, Wausau.....	Sand creek.....	1,500
O. C. Belayer, Wausau.....	Sand creek.....	1,500
Louis Dessert, Mosinee.....	Sand creek.....	1,500
Frank McReynolds, Mosinee.....	Freemans creek.....	3,000
John A. Lemmer, Marathon City.....	Hog creek.....	3,000
F. M. Lemmer, Marathon City.....	Scott creek.....	3,000
Fred Prehn, Marathon City.....	Four Mile creek.....	3,000
John Seubert, Marathon City.....	Scott creek.....	6,000
A. L. Kreutzer, Wausau.....	Berger creek.....	6,000
John Werner, Marathon City.....	Plover river.....	30,000
	Four Mile creek.....	6,000
		82,500

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
MARINETTE COUNTY—		
Frank Kniskern, Middle Inlet.....	Middle Inlet	12,000
A. T. Fairchild, Marinette	Holt creek	12,000
E. Judson Baker, Marinette.....	Pemine & Muskanno rivers..	15,000
Alex. Charles, Pound.....	Iron Spring creek.....	9,000
B. Giesenass, Pound	North and South Branch of Beaver river	9,000
E. H. Schwartz, Marinette	Beaver river and trib.....	15,000
A. U. Bean, Crivitz.....	Trib. to Noquebay lake....	15,000
Henry Stroebel, Amberg	Branch Pike river.....	9,000
Fred W. Baker, Marinette.....	North and South branches of Beaver and Peterman rivers	15,000
Fred W. Baker, Marinette	Thunder river and trib.	15,000
		126,000
MARQUETTE COUNTY—		
H. C. Zunbeck, Westfield.....	McGinness creek	1,500
Wm. Bambee, Westfield.....	McGinness creek	1,500
F. W. Meinke, Westfield.....	Schatzke creek	3,000
Wm. Rumlper, Westfield.....	Duck creek	1,500
Fred Wacholz, Westfield	Wacholz creek	1,500
Fred Dobrinski, Westfield	Cave creek	1,500
G. H. Schulz, Westfield	Ox creek	1,500
Ole Sorenson, Packwaukee	Neenah creek	6,000
G. E. Fenner, Oxford	Little Neenah creek.....	1,500
H. H. Ward, Jr., Oxford.....	Big Neenah creek	1,500
H. M. Ogle, Oxford	Hunt creek	1,500
W. J. Ogle, Oxford.....	Sorenson creek	1,500
W. F. Ogle, Oxford	Wagner creek	1,500
J. A. Wegenkee, Budsln.....	Mecan river and Longe creek	12,000
M. Moriarity, Rodney	Maars creek	6,000
Ed. Terrill, Rodney	Spring brook	3,000
B. Dunham, Rodney	Sucker creek	3,000
		49,500
MONROE COUNTY—		
F. O. Elwell, Tomah.....	Sparta creek	1,500
E. Bartels, Tomah.....	Little Flora creek.....	1,500
Frank Drew, Tomah.....	Big Flora creek	1,500
A. E. Hollister, Tomah.....	Sparta creek	1,500
Frank Kutec, Tomah	Brandy creek	1,500
Phil Zachel, Tomah	Deer creek	1,500
J. A. Worden, Tomah	Council creek	1,500
W. L. Howes, Tomah	Tar and Mill and Squaw creeks	9,000
Fred W. Gebhart, Warren.....	North branch of Lemonwier river	3,000
Wm. Zahrte, Warren	Wyman and Clear creeks ..	3,000
W. R. Law, Darlington	Leavitt's Branch	3,000
C. V. Chamberlain, Sparta.....	Beaver creek	3,000
Chas. Pfetcher, Wilton.....	Gravel creek	3,000
L. Warden, Wilton	Slaten creek	3,000
E. M. Cosgriff, Wilton.....	Dorsett creek	3,000
E. McGary, Norwalk.....	Sumitt creek	6,000
J. P. Andres, Norwalk.....	Morse creek	6,000
Saml. Sloggy, Ontario	Cook, Billings and Brush creeks	9,000
H. C. Wagner, Wilton	Hibbards creek	3,000
F. M. Mills, Wilton	Sinx's creek	3,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
MONROE COUNTY—Continued.		
A. H. Webster, Sparta	Barly creek	3,000
E. W. Babcock, Sparta	Smith creek	3,000
John A. Schott, Sparta	Swamp creek	3,000
J. C. Frazer, Sparta	Big creek	3,000
W. H. Baldwin, Sparta	North branch La Crosse river	3,000
Ed. Powell, Sparta	Preston creek	3,000
C. E. Simpson, Sparta	Squaw creek	3,000
Charles Todd, Wilton	E. branch of Slaten creek..	6,000
L. R. Howard, Sparta	Big creek	3,000
Fred Brandt, Sparta	Algus creek	3,000
P. C. Peterson, Cashton	Brush creek	6,000
O. G. Briggs, Sparta	Brush creek	6,000
		112,500
OCONTO COUNTY—		
H. S. Eldred, Stiles	Splinter creek	6,000
John J. Hoff, Sobieski	Pensaukee and Little Saun- ico creeks	6,000
A. Baker, Lakewood	Little South Branch Oc- onto river	9,000
Paul Nast, Mountain	Creek no name	6,000
P. N. Peterson, Breed	Griebeler creek	6,000
J. M. Melchir, Gillette	Christie brook and trib.	6,000
H. M. Baldwin, Mountain	Hein creek	6,000
Herman Dick, Suring	Pecor and Hayes creeks....	9,000
		54,000
ONEIDA COUNTY—		
Peter Sweberg, Hazelhurst	Lanbeshine creek	3,000
Axel Anderson, Hazelhurst	Kitty creek	1,500
A. W. Shelton, Rhinelander	Rodke and Johnson creeks..	6,000
S. H. Ashton, Rhinelander	Stella, Jennie and Weber creeks	6,000
E. W. Ashton, Rhinelander	E. branch of Pelican river..	3,000
W. D. Stevens, Rhinelander	Noisy creek	3,000
J. Demars, Rhinelander	Stella creek	3,000
J. M. Scott, Tripoli	Spring creek	6,000
		31,500
OUTAGAMIE COUNTY—		
Frank Schultz, Hortonville	Black Otter creek	3,000
L. Dabareiner, Hortonville	Black Otter creek	3,000
R. E. Diestler, Hortonville	Black Otter creek	3,000
Otto Diestler, Hortonville	Black Otter creek	3,000
		12,000
OZAUKEE COUNTY—		
John Weber, Jr., Cedarburg	Cedar creek	6,000
PEPIN COUNTY—		
Wm. H. Smith, Eau Galle	Missouri creek	1,500
Geo. R. Topliss, Eau Galle	Missouri creek	1,500
Homer Heath, Eau Galle	Missouri creek	1,500
B. E. Graves, Eau Galle	Big creek	1,500
Wm. P. Unser, Eau Galle	Barney creek,	1,500
Dr. A. E. Crum, Durand	Plum creek	1,500
C. A. Hogen, Durand	Porcupine creek	3,000
Burr R. Tarrant, Durand	Patterson and north branch	3,000
		15,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
PIERCE COUNTY—		
Frank Craine, Spring Valley	Lousy creek	1,500
W. P. Foote, Spring Valley	French Creek	1,500
Chas. Mortinson, Spring Valley.....	Johnson creek	1,500
F. R. Johnson, Spring Valley.....	Clark creek	1,500
F. G. Magee, Spring Valley.....	Lousy creek	1,500
C. W. Moore, Spring Valley.....	Loon creek	1,500
H. P. Conway, Spring Valley.....	French creek	1,500
C. E. Fox, Spring Valley	Gilbert creek	1,500
L. G. Spiney, Ellsworth	Rush creek	1,500
C. J. Honle, Ellsworth	Isabelle creek	1,500
J. A. Fresse, Ellsworth.....	Lost creek	1,500
John T. Beddell, Ellsworth	Trib. Trimelle creek	1,500
P. H. Isaacson, Ellsworth	Cave creek and Rush river	3,000
W. W. Walsingham, Ellsworth	Lost creek and Rush river	3,000
F. D. Lord, Ellsworth	Brush creek	3,000
E. W. Walsingham, Ellsworth.....	Rush river	3,000
W. S. Colburn, Ellsworth	Trimelle creek	1,500
F. V. Williams, River Falls	South Fork Kinnickinnic river	3,000
L. A. Chinock, River Falls.....	South Fork Kinnickinnic river	3,000
F. M. White, River Falls.....	South Fork Kinnickinnic river	3,000
Geo. M. Steward, River Falls.....	South Fork Kinnickinnic river	3,000
A. E. Jenson, River Falls	South Fork Kinnickinnic river	3,000
		46,500
POLK COUNTY—		
John Howe, Amery	Beaver and Wilson creeks..	6,000
G. C. Ladd, Osceola	Osceola and Measley creeks..	6,000
		12,000
PORTAGE COUNTY—		
Benj. Flemming, Amherst	Een creek	3,000
M. A. Flemming, Amherst	Een Creek	3,000
S. C. Swendson, Amherst	Sannes creek	3,000
L. A. Pomeroy, Amherst	Greyson creek	3,000
Carl D. Doxrud, Nelsonville.....	Gordon creek.....	6,000
Hy. Stoltenberg, Nelsonville.....	Waupaca river	3,000
J. S. Loberg, Stevens Point.....	Little Wolf	3,000
A. C. Krembs, Stevens Point.....	Welch creek	3,000
F. Abb, Stevens Point.....	Tomorrow river	3,000
Claude Potter, Stevens Point.....	East branch of Tomorrow river	3,000
J. L. Packard, Stevens Point.....	Duck creek	3,000
A. P. Jenson, Stevens Point.....	Waupaca river	3,000
J. W. Ash, Stevens Point	Tomorrow river	3,000
L. P. Moen, Stevens Point	Springville creek	3,000
A. M. Nelson, Stevens Point.....	Little Plover	3,000
W. L. Playman, Stevens Point.....	Mill creek	3,000
Michael Little, Stevens Point.....	Little Wolf river	3,000
		54,000
PRICE COUNTY—		
Theo. Woodensky, Park Falls.....	Smith creek	6,000
Albert Koch, Park Falls.....	Smith creek	3,000
Arthur Hamilton, Park Falls.....	Smith creek	3,000
Eugene E. Patterson, Fifield	South Fork Flambeau river	6,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
PRICE COUNTY—Continued.		
J. E. Feeley, Fifield.....	Rickey creek	6,000
C. W. Oviatt, Oshkosh.....	Little Betsy	6,000
L. Roberts, Prentice.....	Trib. Jump river.....	6,000
W. H. Graham, Phillips.....	Cramchase creek	6,000
W. P. Sperry, Phillips.....	Front creek	6,000
F. K. Randall, Phillips.....	Nine Mile creek.....	6,000
J. N. Douglas, Prentice.....	Trib. Jump river	6,000
		60,000
RICHLAND COUNTY—		
H. W. Haskell, Sr., Lone Rock.....	Murray creek	3,000
Chas. Thomas, Lone Rock.....	Tennant creek	1,500
A. D. Waterman, Lone Rock.....	Bear creek	1,500
N. Schoonover, Lone Rock.....	Marble creek	1,500
O. J. Dickerson, Lone Rock	Jackson creek	3,000
W. D. Elliot, Richland Center.....	Byrds creek	3,000
		13,500
ROCK COUNTY—		
N. Freeman, Lima Center	Spring brook	1,500
J. L. Hodson, Lima Center.....	Spring brook	3,000
		4,500
RUSK COUNTY—		
E. W. Hill, Appolonia.....	Hay creek.....	6,000
A. H. Skogstad, Weyerhauser.....	Trib. Soft Maple creek.....	6,000
E. J. Skogstad, Weyerhauser.....	Trib. Soft Maple creek.....	6,000
W. C. Dale, Weyerhauser.....	Little Potato creek.....	6,000
Perry Hiss, Weyerhauser.....	Cranberry creek.....	3,000
H. W. True, Glen Flora.....	Main creek.....	6,000
W. L. Stephenson, Ladysmith.....	Spring creek.....	6,000
C. A. Huffman, Ladysmith.....	Johnson creek.....	6,000
		45,000
SAUK COUNTY—		
B. D. Sherwood, Spring Green.....	Honey creek	3,000
J. W. Procter, Spring Green.....	Cold brook	3,000
F. B. Simpson, Spring Green.....	Jones creek	1,500
E. M. Davies, Spring Green.....	Sugar Grove creek	1,500
F. E. Hawkins, Ironton.....	Hawkins creek	6,000
R. M. Matthews, Ironton.....	Little Baraboo	3,000
Dr. J. E. English, Baraboo	Conkle creek	6,000
Jos. Johnson, Baraboo	Pine Creek	6,000
Arthur Farnsworth, Baraboo.....	Big Spring	3,000
H. M. Acott, Baraboo.....	Leeca creek	3,000
E. Blakeslee, Ironton	Furnace creek	3,000
A. D. Dorsett, Baraboo	Otter creek	6,000
		45,000
ST. CROIX COUNTY—		
W. E. Webster, Hudson	Head of Kinnickinnic river	3,000
James A. Vincent, Roberts.....	Kinnickinnic river	3,000
Dr. S. L. Pickett, Wilson.....	Wilson, Gilbert and Cohen creeks	4,500
Geo. H. Pittman, Baldwin	Rush, Woods, Larson and Kinnickinnic river	6,000
Otto W. Arnquist, Hudson	Kinnickinnic river	6,000
P. L. Webster, Roberts.....	Kinnickinnic river	3,000
N. H. Gardner, Hammond.....	Kinnickinnic river	3,000
H. C. Wetterlin, Hammond.....	Kinnickinnic river	1,500
A. E. Bradford, Hammond.....	Kinnickinnic river	1,500

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
ST. CROIX COUNTY—Continued.		
Henry Anderson, Baldwin.....	Kinnickinnic and Rush ri- vers	6,000
P. E. De Mille, Baldwin	Kinnickinnic and Rush ri- vers	6,000
G. J. Sowle, Burkhardt.....	Willow river	6,000
J. E. Jones, Hudson	Willow river	3,000
Jos. Yoerg, Hudson	Willow river	3,000
L. G. Greene, Hudson	Willow river	3,000
S. W. Bandy, Hudson	Willow river	3,000
B. C. Bunker, Hudson.....	Ten-mile creek.....	3,000
Joe. W. Smith, Burkhardt.....	Willow river	6,000
Jas. Durning, Burkhardt	Willow river above the Falls	6,000
H. C. Kurrasch, Hudson	Willow river	3,000
F. C. Gray, Hudson	Willow river	3,000
U. W. Mosher, New Richmond.....	Ten-mile creek	6,000
S. C. Boardman, New Richmond.....	Ten-mile creek.....	6,000
P. B. Day, New Richmond.....	Ten-mile creek.....	6,000
John Kinnney, Boardman.....	Ten-mile creek.....	6,000
Thos. Brockley, Glenwood.....	Blues creek.....	3,000
J. C. Boardman, Glenwood.....	North branch Tiffany creek.	3,000
O. S. Follansbee, Glenwood	Sand creek	3,000
P. A. Beebe, Glenwood	Morgan creek	3,000
H. J. Fall, Hudson	Willow river	3,000
		118,500
SAWYER COUNTY—		
Wm. Penquite, Hayward	Mosquito creek	6,000
C. Hansen, Hayward	Ayres creek	6,000
Robt. O. Pugh, Hayward.....	Nemacogin and Mosquito creeks	6,000
	Hayward.....	6,000
W. E. Cornick, Hayward	Fiddler creek	6,000
	Spring creek	6,000
		30,000
SHAWANO COUNTY—		
J. Lehman, & Son, Tigerton.....	Embarass river and Comet creek	6,000
R. E. Gittens, Whitcomb	Tiger creek	6,000
Edward Glaubitz, Wittenberg.....	Embarass river	6,000
H. C. Wiskow, Wittenberg.....	Embarass river	6,000
M. S. Simpson, Tigerton.....	Simpson creek	6,000
Alex. Rundhamer, Bernamwood.....	Madison creek	6,000
R. B. Glaubitz, Wittenberg.....	South branch Embarass river	6,000
P. A. Stewart, Morris.....	Reinhard creek	6,000
Wm. Leisken, Birnamwood.....	Wiskman creek	6,000
G. F. Hull, Wittenberg	Embarass river and tribu- taries	12,000
		66,000
SHEBOYGAN COUNTY—		
H. C. Gruebner, Sheboygan.....	Austin and Mill creeks	6,000
B. H. Sanford, Sheboygan.....	Milwaukee and Onion rivers	6,000
Jno. A. Barber, Glenbeulah.....	Mullet river	6,000
B. F. Avery, Glenbeulah.....	Mullet river	6,000
C. G. Peck, Sheboygan Falls.....	Hahn creek	6,000
		30,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
TAYLOR COUNTY—		
Geo. Galloway, Chelsea	Headwaters of Black river	6,000
Martin Canaughty, Medford.....	Mink creek	6,000
W. E. Hibbard, Medford.....	Mink creek	3,000
J. C. Hobbs, Medford.....	Wood river	6,000
Peter Danielson, Medford.....	Wood river	3,000
Frank Perry, Westboro	Chelsea creek	6,000
		30,000
TREMPEALEAU COUNTY—		
H. H. Engen, Pigeon Falls	Fuller coulee.....	3,000
H. A. Fremstadt, Pigeon Falls	Fuller coulee.....	3,000
And. Bensend, Whitehall.....	Fly creek	1,500
O. F. Harlow, Whitehall.....	Hay creek	1,500
John Taylor, Whitehall	Pigeon creek	1,500
E. A. Kersting, Arcadia	American Valley, Thompson and Newcomb creeks ..	3,000
John Busby, Arcadia	Lewis Valley creek	3,000
Ed. Quammen, Hegg	North branch of Beaver and Johnson creeks.....	3,000
Jake Johnson, Independence.....	Bruce Valley creeks.....	3,000
M. H. Zimmer, Independence.....	Borst Valley.....	3,000
E. L. Immell, Blair.....	Voss Coulee.....	3,000
Wm. C. Fox, Osseo.....	Tributaries Buffalo river....	3,000
S. Rekstad, Strum.....	Tributaries Buffalo river....	3,000
W. A. Vergeront, Osseo	Crawford and Little Meadow creeks	3,000
Robt. Christianson, Galesville.....	Tamarack creek.....	6,000
J. A. Kellman, Galesville.....	South branch Beaver creek..	6,000
C. A. Kellman, Galesville.....	Beaver creek.....	6,000
E. Gardner, Galesville.....	Dutch creek.....	6,000
J. L. Jensen, Galesville.....	Tamarack creek.....	6,000
C. A. Kellman, Galesville.....	Beaver creek.....	6,000
J. A. Kellman, Galesville.....	Beaver creek.....	6,000
E. Gardner, Galesville.....	Dutch creek.....	6,000
		85,500
VERNON COUNTY—		
Van S. Bennett, Rockton.....	Warner, Jug and Indian creeks	3,000
Dr. G. W. Heinaka, Readstown.....	Hay, Harrison and Reeds creeks	4,500
Chas. F. Tine, Hillsboro.....	Grim and Hohlfeldt creeks.	6,000
Carl B. Harkin, Hillsboro.....	Durke and Trippville creeks	6,000
G. C. Kolb, Hillsboro.....	Melantha and Jug creeks...	6,000
L. W. Favour, Viroqua.....	Esofea creek.....	3,000
Dr. F. E. Morley, Viroqua.....	Towerville branch.....	6,000
C. D. Williams, Viroqua.....	Branch of Bolax creek.....	3,000
C. W. Graves, Viroqua.....	Brookville branch.....	6,000
W. E. Rogers, Viroqua.....	Springville creek.....	3,000
F. H. Williams, Viroqua.....	Esofea creek.....	3,000
Ludwig Neparude, Westby.....	Sease Branch creek.....	3,000
Elias Beyhoode, Westby.....	Davidson creek.....	6,000
M. B. Davidson, Westby.....	Baylle creek.....	3,000
James Lee, Westby.....	Upper Coon creek.....	3,000
Wm. Lins, Westby.....	Scherve creek.....	3,000
C. D. Shannon, Westby.....	Spring Valley creeks.....	3,000
A. H. Dahl, Westby.....	Quinn creek.....	3,000
		73,500

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
VILAS COUNTY—		
L. A. Atkins, Star Lake.....	Rice creek.....	3,000
Robt. McGregor, Arbor vitae.....	Mud creek.....	3,000
H. E. Salsicu, Star Lake.....	Lost creek.....	3,000
J. W. Lant, Star Lake.....	Garland creek.....	1,500
J. A. McDonald, Star Lake.....	Partridge and Nixon creeks	1,500
Henry C. Simonds, Star Lake.....	Creeks in Sec. 8-41-and 18..	1,500
B. J. Vaughn, Star Lake.....	South branch of Manito-	
	wish creek.....	1,500
C. M. Miles, Star Lake.....	Buktaban creek.....	1,500
Frank Wlezorek, Star Lake.....	Lost creek.....	1,500
Chas. Law, Star Lake.....	Plum and West Branch of	
	Lost creek.....	1,500
B. F. Wilson, Star Lake.....	Garland creek.....	1,500
Julius Strelow, Conover.....	Muskrat creek.....	3,000
Mike Welch, Eagle River.....	Clear Lake creek.....	6,000
C. F. Colman, Eagle River.....	Deerskin creek.....	3,000
Carter & Emmons, Eagle River.....	Mud creek.....	3,000
R. D. McLeod, Eagle River.....	Clear creek.....	3,000
F. G. McIntyre, Eagle River.....	Rice creek.....	3,000
Geo. Foster, Eagle River.....	Rice creek.....	3,000
Stephen Johnson, Eagle River.....	Rockey creek.....	3,000
C. H. Bloum, Conover.....	Muskrat creek.....	3,000
Ed. Laccou, Eagle River.....	Hay Meadow creek.....	3,000
W. H. Knox, Eagle River.....	Peal creek.....	3,000
Iroy Skinner, Eagle River.....	Deerskin creek.....	3,000
John Green, Eagle River.....	Stone creek.....	3,000
N. A. Colman, Eagle River.....	Black-jack creek.....	6,000
A. J. Burgess, Lakota.....	Muskrat creek.....	3,000
John Carlson, Lakota.....	Marshall creek.....	3,000
D. H. Sargent, Lakota.....	Muskrat creek.....	3,000
C. A. Phillips, Hackley.....	Trout creek.....	6,000
		84,000
WALWORTH COUNTY—		
Geo. McDougall, Whitewater.....	Steele creek.....	3,000
C. C. Taylor, Whitewater.....	Bluff creek.....	3,000
E. McDougall, Whitewater.....	Whitewater creek.....	3,000
W. J. Holden, Whitewater.....	Scanlon creek.....	1,500
J. A. Collin, Delavan.....	Spring creek Trib.....	3,000
Jos. A. Quinn, Delavan.....	Whitewater creek.....	3,000
		16,500
WASHBURN COUNTY—		
Wm. Busch, Spooner.....	Beaver brook.....	6,000
J. J. Hohl, Minong.....	Big and Little Frog creeks	6,000
Newton Beede, Shell Lake.....	N. and S. forks Clam river	3,000
S. S. Hoar, Shell Lake.....	N. and S. forks Clam river	3,000
Ole Hawkinson, Shell Lake.....	Sawyer creek.....	3,000
Theo. Evers, Shell Lake.....	Sawyer creek.....	3,000
L. E. Walker, Shell Lake.....	Montgomery creek.....	3,000
M. A. Stellick, Spooner.....	Beaver creek.....	6,000
Ronald Seymour, Spooner.....	Potatoe creek.....	3,000
J. W. Brisbin, Spooner.....	Mud creek.....	3,000
G. E. Stratton, Spooner.....	McKinzy creek.....	3,000
Geo. Tozer, Shell Lake.....	McKinzy creek.....	3,000
A. A. Lovell, Shell Lake.....	Black creek.....	3,000
John H. Savage, Spring Brook.....	Dean creek.....	6,000
And. Ryan, Shell Lake.....	Silver creek.....	3,000
Otto Gohler, Birchwood.....	Sucker creek.....	6,000
		63,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted. Where Planted.	Fish. Fish.
WASHINGTON COUNTY—		
Geo. B. Boden, West Bend.....	Cedar creek.....	6,000
H. B. Kaempfer, West Bend.....	Silver creek.....	6,000
Matt Bruhy, Kewaskum.....	Spring and Minnow creeks.....	6,000
		18,000
WAUKESHA COUNTY—		
C. J. Scaaver, Oconomowoc.....	North Lake brook.....	3,000
J. S. Dittrich, Oconomowoc.....	Smith creek.....	1,500
W. H. Stephens, Oconomowoc.....	Sand creek.....	1,500
W. G. Kace, Oconomowoc.....	North Lake creek.....	1,500
W. H. Tuohy, Eagle.....	Bottomly and Long creeks.....	4,500
L. J. Stone, Oconomowoc.....	Waterville creek.....	3,000
		15,000
WAUPACA COUNTY—		
John Kasmussen, Ogdensburg.....	Ogdensburg creek.....	3,000
T. C. Thompson, Iola.....	Whitcomb creek.....	3,000
Jas. Peterson, Scandinavia.....	Magnus creek.....	3,000
E. E. Browne, Waupaca.....	Dayton and Emmons creek.....	6,000
Frank Chady, Waupaca.....	Chady creek.....	3,000
J. Eckstrum, Waupaca.....	Emmons creek.....	3,000
B. W. Sherman, Waupaca.....	Schumacker creek.....	3,000
Chris. Hansen, Waupaca.....	Hardens creek.....	3,000
H. E. Churchill, Waupaca.....	Silver creek.....	3,000
Marion Thornton, Clintonville.....	Mill creek.....	3,000
G. I. Huhn, Clintonville.....	Horn creek.....	3,000
John Montey, Clintonville.....	Spring brook.....	3,000
Ferdinand Gerlinger, Clintonville.....	Keitz creek.....	3,000
Chas. Bucholtz, Clintonville.....	Spring brook.....	3,000
Chas. G. Fuchs, Marion.....	North Pigeon creek.....	6,000
A. Potratz, Marion.....	South branch Pigeon creek.....	6,000
Rev. C. Grombach, Marion.....	North branch Pigeon creek.....	6,000
Chas. J. Balke, Embarass.....	Beaver creek.....	6,000
		69,000
WAUSHARA COUNTY—		
Edw. O'Connor, Hancock.....	Mecan river.....	3,000
C. E. Eaker, Plainfield.....	Rocharcis and Ten Mile creeks.....	3,000
L. B. Stillwell, Plainfield.....	Ten Mile creek.....	3,000
L. B. Stillwell, Plainfield.....	Big Rocharcis creek.....	3,000
G. R. Sherman, Coloma Station.....	Peatwood creek.....	3,000
H. F. Bartz, Coloma Station.....	Chaffee creek.....	3,000
F. M. Smith, Coloma Station.....	Wedde creek.....	3,000
G. N. Spaulding, Hancock.....	Little Rocharcis creek.....	3,000
A. Gardner, Hancock.....	White river.....	3,000
W. A. Wright, Hancock.....	Big Rocharcis creek.....	1,500
B. F. Hales, Hancock.....	Little Rocharcis creek.....	1,500
J. W. Evans, Wild Rose.....	Pine creek.....	3,000
N. L. Brigham, Wild Rose.....	Brigham creek.....	3,000
W. E. Jones, Wild Rose.....	Pine creek.....	3,000
F. Englebracht, Berlin.....	Willow creek.....	3,000
Wm. Stewart, Berlin.....	Willow creek.....	3,000
F. W. Stewart, Berlin.....	Willow creek.....	3,000
Owen Goodwin, Wautoma.....	Willow creek.....	3,000
Moses Hooper, Oshkosh.....	Beebe creek.....	6,000
E. L. Benjamin, Neshkoro.....	Jones Trib. and Pine creeks.....	6,000
J. M. Kooser, Red Granite.....	White river.....	12,000
A. H. Goss, Benjamins.....	Willow creek.....	6,000
John Challoner, Benjamins.....	White river and trib.....	6,000
	White river and trib.....	6,000
		87,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
WOOD COUNTY—		
H. H. Voss, Grand Rapids.....	Two Mile creek.....	3,000
E. S. Renne, Grand Rapids.....	Harvey creek.....	3,000
Sam Church, Grand Rapids.....	Four Mile creek.....	3,000
H. C. Demitz, Grand Rapids.....	Four Mile creek.....	3,000
W. F. Kellog, Grand Rapids.....	Seven Mile creek.....	3,000
Chas. F. Kellogg, Grand Rapids.....	Seven Mile creek.....	3,000
Geo. M. Huntington, Grand Rapids..	Harvey creek.....	3,000
A. B. Crawford, Grand Rapids.....	Harvey creek.....	3,000
Dr. J. J. Looze, Grand Rapids.....	Chester creek.....	1,500
W. C. Martin, Grand Rapids.....	Two and Four Mile creeks..	1,500
W. E. Wheelan, Grand Rapids.....	Duck and Ten Mile creek...	1,500
A. J. Hasbrouck, Grand Rapids.....	Two Mile creek.....	1,500
Ellery Lee, Saratoga.....	Saratoga creek.....	3,000
John Schmidt, Marshfield.....	E. branch Saratoga creek...	6,000
O. T. Lindermann, Marshfield.....	Squaw creek.....	9,000
W. W. Meade, Grand Rapids.....	Two Mile creek.....	1,500
		49,500
Total brook trout fry planted, 1905.	.....	2,937,000

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1905.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
ASHLAND COUNTY—		
Geo. Sell, Glidden.....	Dryden creek.....	3,000
E. M. Sprague, Mellen.....	Devil creek.....	3,000
Alfonz Carneau, Mellen.....	Bad river.....	3,000
C. P. Peck, Mellen.....	Tyler forks.....	3,000
John Steffeck, Mellen.....	Devil creek.....	3,000
A. G. Bjork, Mellen.....	Devil creek.....	3,000
Pat Doran, Mellen.....	Bad river.....	3,000
Adolph Greening, Mellen.....	Bad river.....	3,000
Ira Ebble, Butternut.....	Spille creek.....	1,500
G. C. Klein, Butternut.....	Butternut creek.....	1,500
C. L. Klunsteiber, Butternut.....	Butternut creek.....	1,500
Frank Klunsteiber, Butternut.....	Butternut creek.....	1,500
		30,000
BARRON COUNTY—		
Fred Schroeder, Turtle Lake.....	Trib. Beaver lake.....	6,000
Albert Rosenbush, Turtle Lake.....	Smith creek.....	6,000
A. H. Miller, Cumberland.....	Sand, Clam and McKenzie..	12,000
J. J. Moe, Rice Lake.....	Miller creek.....	6,000
M. L. Burke, Rice Lake.....	Big Bear creek.....	6,000
A. J. Osborne, Barron.....	Miller creek.....	6,000
		42,000
BAYFIELD COUNTY—		
Harry Moore, Cable.....	Nemacogin river.....	15,000
A. F. Hatchey, Bibon.....	Brendeen creek.....	6,000
Pat Holden, Iron River.....	Tributaries, Iron river.....	4,500
R. J. Savage, Iron River.....	East fork, Iron river.....	4,500
Haakow Lund, Iron River.....	West branch, Flag river... 4,500	4,500
A. H. Miles, Iron River.....	Muskeg Tributary Iron river	4,500
H. L. Lee, Iron River.....	Middle river.....	4,500
Henry Sykes, Bayfield.....	Birch run.....	9,000
Frank Ramsdale, Bayfield.....	Onion river.....	9,000
		61,500
BUFFALO COUNTY—		
C. W. Gilman, Mondovi.....	Mirror Lake, Elk creek and Amidon pond.....	6,000
F. J. Bohri, Fountain City.....	Waumandee creek.....	6,000
		12,000
BURNETT COUNTY—		
P. D. Hickerson, Grantsburg.....	Wood river.....	3,000
Bert Hickerson, Grantsburg.....	Wood river.....	3,000
Peter E. Ekenburg, Grantsburg.....	Wood river.....	3,000
Wm. Palmer, Grantsburg.....	Wood river.....	3,000
N. Hickerson, Grantsburg.....	Wood river.....	3,000
Ole Anderson, Grantsburg.....	Hay creek.....	3,000
J. A. Hickerson, Grantsburg.....	Hay creek.....	3,000
		21,000
CHIPPEWA COUNTY—		
H. W. Ware, Jim Falls.....	Little Dry Wood creek.....	6,000
Chas. Putman, Bloomer.....	Duncan creek.....	3,000
Nels Nelson, Bloomer.....	East fork Duncan creek.....	1,500
L. L. Thayer, Bloomer.....	Duncan creek.....	3,000
A. Dietlien, Bloomer.....	Duncan creek.....	1,500
Albert Anderson, Bloomer.....	Courey creek.....	1,500
W. E. Waugh, Bloomer.....	Martin creek.....	1,500

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
CHIPPEWA COUNTY—Continued.		
Julius Howland, Chippewa Falls.....	Duncan creek.....	6,000
C. F. Miller, Cadott.....	Pain creek.....	3,000
Ben Dietrich, Cadott.....	Pain creek.....	3,000
Henry Moore, Boyd.....	Hay creek.....	6,000
		36,000
CLARK COUNTY—		
H. R. Scofield, Greenwood.....	Rocky river and Gill creek..	3,000
F. U. Pfender, Greenwood.....	Block creek.....	3,000
A. S. Armstrong, Greenwood.....	Bear creek.....	3,000
		9,000
COLUMBIA COUNTY—		
J. Frank Collin, Lodi.....	Spring creek.....	3,000
Dr. S. F. Verbeck, Lodi.....	Spring creek.....	1,500
		4,500
CRAWFORD COUNTY—		
Geo. H. Davidson, Soldiers Grove....	Trib. Kickapoo river.....	15,000
DANE COUNTY—		
E. D. Herring, Cross Plains.....	Black Earth creek.....	6,000
J. B. Hicks, Mazomanie.....	Marsh creek.....	3,000
Clarence Willard, Mazomanie.....	Boyles creek.....	3,000
J. B. Hicks, Mazomanie.....	Meadow creek.....	3,000
		15,000
DODGE COUNTY—		
Eugene Ziegler, Mayville.....	Degner creek.....	7,500
DOUGLAS COUNTY—		
N. Lucius, Jr., Solon Spring.....	Brule river and Trib., Ox creek	15,000
E. A. Arnold, Superior.....	Bukaty and Sheen creeks...	6,000
Steve Sullivan, Solon Springs.....	Brule river.....	7,500
Geo. Chaffee, Chaffee.....	Black river.....	7,500
Fred J. Seguin, Superior.....	Clear lake.....	7,500
		43,500
DUNN COUNTY—		
E. F. Stoddard, Downing.....	Beaver and Sand creeks ..	6,000
F. J. Hones, Colfax.....	Hones creek	3,000
J. C. Eyclond, Wheeler.....	Otter creek	6,000
Christ Pauly, Menomonie.....	Ami creek.....	3,000
Wm. Hansen, Menomonie.....	Wilson creek	3,000
Leonard P. Kaiser, Menomonie.....	Lambs creek	3,000
A. C. Martinson, Menomonie.....	Brush creek	1,500
B. E. Graves, Eau Claire.....	Eau Galle river.....	3,000
		28,500
EAU CLAIRE COUNTY—		
S. A. Russell, Brackett.....	Otter creek	6,000
J. O. Enockson, Altoona.....	Otter creek	1,500
Chas. Stiding, Altoona.....	Otter creek	1,500
L. A. McKinley, Altoona.....	Nine Mile creek	3,000
W. T. Duganne, Altoona.....	Seven Mile creek	3,000
Julius Harke, Fall Creek.....	Bear creek	3,000

Distribution of Fish.

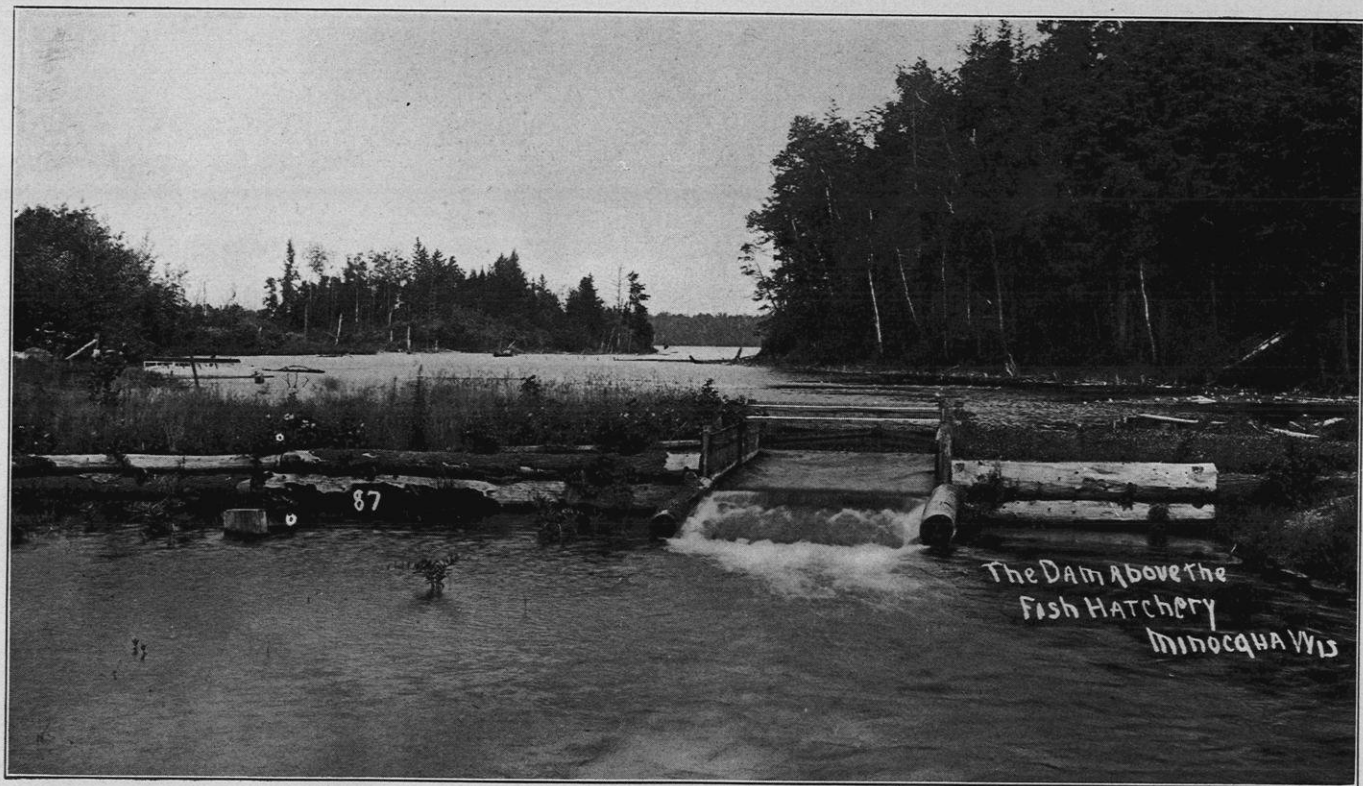
RAINBOW TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
EAU CLAIRE COUNTY—Continued.		
R. A. Schultz, Fall Creek.....	Fall creek	3,000
H. A. Moldenhauer, Fall Creek.....	Bear grass creek	3,000
R. E. Johnson, Augusta.....	Bridge creek.....	4,500
Frank Harriman, Eleva.....	Clear creek	3,000
		31,500
FLORENCE COUNTY—		
Fred Olin, Florence.....	Patten lake	3,000
W. W. Noyes, Florence.....	Upper Pine river	3,000
S. A. Swanson, Florence.....	Popple river	3,000
J. D. Clement, Florence.....	Pike lake	3,000
Jas. J. Pontbriand, Florence.....	Trout lake	3,000
		15,000
FOND DU LAC COUNTY—		
Frank J. Graham, Ripon.....	Soule creek	3,000
Albert J. Zinth, Ripon.....	Snake creek	3,000
A. G. Little, Ripon.....	Wakefield creek	3,000
		9,000
FOREST COUNTY—		
Connor Lumber Co., Laona.....	Kokot creek	15,000
R. S. Elliott, Laona.....	Crystal creek	6,000
James Stephenson, Armstrong Creek.	Armstrong creek	6,000
P. Shay, Armstrong Creek.....	Armstrong creek	6,000
M. Feser, Green Bay.....	Lake Nine	6,000
		30,000
GRANT COUNTY—		
J. P. Huffener, Muscoda.....	Hungerford creek	3,000
GREEN COUNTY—		
Fred Ties, Brodhead	Spring creek	6,000
GREEN LAKE—		
Spencer Bowen, Auroraville.....	Willow creek	3,000
IRON COUNTY—		
J. C. Eaver, Pence	Montreal river	15,000
M. J. Connors, Hurley	West branch Montreal river	7,500
F. J. Peterson, Hurley.....	Spring creek	7,500
		30,000
JACKSON COUNTY—		
F. R. Moore, Alma Center.....	Dunn creek	3,000
Dr. E. E. Moore, Merrillian.....	Wrights creek	3,000
Howard S. Codby, Alma Center...	Halls creek	1,500
Frank Blencoe, Alma Center.....	Judkins creek	1,500
J. B. Miller, Alma Center.....	Stockwell creek	1,500
F. Dudley, Alma Center.....	Trempealeau river	1,500
Hans C. Anderson, Dewhurst.....	Hay creek	3,000
S. K. Bergseth, Taylor.....	Upper Trempealeau	3,000
Chas. B. Stoltz, Secherville.....	South branch Spring and Curran creeks	3,000
James Chatt, Secherville.....	Love and Prince creeks.....	3,000
Gay R. Sechler, Secherville.....	Sly and Seechler creeks.....	3,000
		27,000
JUNEAU COUNTY—		
D. J. McPherson, Elroy	Mile creek	1,500
Ralph Horcher, Elroy.....	Mile creek	1,500
Chas. E. Chase, Elroy	Seymour creek	1,500

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
JUNEAU COUNTY—Continued.		
J. A. Crosby, Elroy.....	Brewer creek	1,500
Irwin A. Pearsall, Elroy.....	North fork Baraboo river..	1,500
John Garvin, Elroy	Mile creek	3,000
C. J. Phillips, Camp Douglas.....	Little Lemonweir river	4,500
C. A. Leicht, New Lisbon.....	Little Lemonweir river	7,500
J. A. Minett, New Lisbon.....	Little Lemonweir river	7,500
J. B. Hill, Friendship	Rochacris creek	4,500
		34,500
LA CROSSE COUNTY—		
Oloff R. Wall, Onalaska.....	Holmen mill pond.....	4,500
J. H. Hodge, Mindora.....	Flemming, and Bell coulees	4,500
		9,000
LANGLADE COUNTY—		
B. Heineman, Lumber Co., Antigo...	Eau Claire river	15,000
John Holley, Antigo.....	Eagle and Shed lakes	6,000
		21,000
LINCOLN COUNTY—		
Eugene Semling, Merrill.....	Prairie river	3,000
H. G. Filiatream, Merrill.....	Pine river	3,000
John A. Niles, Merrill.....	Devil creek	3,000
C. N. Johnson, Merrill.....	Prairie river and trib.	3,000
Charles A. Rosche, Tomahawk.....	Muskelonge creek	6,000
Chas. Johnson, Tomahawk	Somo river	4,500
Andrew Howen, Tomahawk.....	Spirit river	4,500
John Pospiseal, Heineman.....	Prairie river	3,000
C. L. Stephens, Heineman.....	Prairie river and Hay Meadow creek	3,000
W. J. Wilson, Merrill.....	Copper creek	1,500
Richard Banders, Merrill.....	Barnes creek	1,500
F. Doering, Doering.....	North branch Pine river...	3,000
H. H. Heinman, Doering.....	Hay Meadow creek	3,000
F. C. Hanson, Merrill.....	Pine river	3,000
		45,000
MARATHON COUNTY—		
E. D. Underwood, Wausau.....	Little Trappe river.....	3,000
O. C. Belanger, Wausau.....	Little Rib river	3,000
Herman R. Seim, Wausau.....	Little Rib river	3,000
C. E. Wescott, Wausau.....	Little Rib river	3,000
W. H. Boles, Wausau.....	Little Rib river	3,000
John Schwister, Wausau.....	Tranpe river	3,000
John Fehl, Wausau.....	Little Rib river	3,000
Alex R. Fehl, Wausau.....	Little Rib river	3,000
A. E. Douville, Mosinee.....	Junior river	4,500
Geo. Finette, Mosinee.....	Desert creek	4,500
		33,000
MARINETTE COUNTY—		
Fred W. Baker, Marinette.....	South branch Beaver river..	15,000
E. J. Baker, Marinette.....	Pike river	18,000
		33,000



The Dam Above the
Fish Hatchery
MINOCQUA Wis

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
MARQUETTE COUNTY—		
H. H. Ward, Jr., Oxford.....	McNutt creek	3,000
H. M. Ogle, Oxford.....	O'Keefe creek	3,000
W. J. Ogle, Oxford.....	Hayes creek	3,000
W. F. Ogle, Oxford.....	Judd creek	3,000
A. Rosenbaum, Westfield.....	Duck creek	3,000
L. W. Hettinger, Westfield.....	Duck creek and Montello river	6,000
		21,000
MONROE COUNTY—		
Fred Bernhardt, Wilton	Trout river	1,500
E. McGary, Norwalk.....	Summit creek.....	3,000
J. P. Andres, Norwalk.....	Tributary, Morse creek.....	3,000
S. Sloggy, Ontario	Cook, Brush and Billings creeks	6,000
H. J. Werden, Wilton.....	Slaten creek	3,000
Chas. Todd, Wilton.....	East branch Slaten creek.....	3,000
Geo. Yackel, Wilton.....	Slayton creek	3,000
B. B. Grove, Sparta.....	Walrath creek	3,000
O. G. Briggs, Cashton.....	Brush creek	3,000
		28,500
OCONTO COUNTY—		
Anderson & Co., Mountain.....	North, Middle and South branches, Oconto river and tributaries main Waupie	22,500
John J. Hoff, Sobieski.....	Pensaukee and Little Saumico river	7,000
		30,000
ONEIDA COUNTY—		
W. E. Ashton, Rhinelander.....	Noisy creek	6,000
W. E. Muser, Rhinelander.....	Noisy creek	6,000
G. C. Wilkinson, Hazelhurst.....	Rocky run	4,500
C. A. Raimson, Hazelhurst.....	Doyle creek	4,500
		21,000
OUTAGAMIE COUNTY—		
G. H. Bodoli, New London.....	Paddle creek	6,000
PEPIN COUNTY—		
Geo. R. Topliss, Eau Galle	Eau Galle river	3,000
Wm. P. Muser, Eau Galle	Eau Galle river	1,500
H. Heath, Eau Galle	Eau Galle river	1,500
C. A. Haugen, Eau Galle	Porcupine creek	3,000
A. C. Huleatt, Arkansaw	Big and Little Arkansaw creek	3,000
		12,000
PIERCE COUNTY—		
P. H. Isaacson, Ellsworth.....	Isabelle creek	3,000
John T. Beddall, Ellsworth.....	Tributaries to Trimbelle creeks	3,000
J. A. Fresse, Ellsworth.....	Rush river	4,500
Carl M. Fresse, Ellsworth.....	Rush river	4,500
W. S. Colburn, Ellsworth.....	Trimbelle creek	4,500
L. A. Chimock, River Falls.....	Kinnickinnic river	6,000
E. E. Buck, River Falls.....	Kinnickinnic river	6,000

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
PIERCE COUNTY—Continued.		
A. F. Herold, Maiden Rock.....	Carson creek and Rush river	3,000
W. C. Owen, Maiden Rock	Pine creek	4,500
Dr. C. N. Freligh, Plum City.....	Plum creek	4,500
		43,500
POLK COUNTY—		
S. L. Pennington, Amery.....	Tyrell creek	6,000
John Howe, Amery	Beaver and Foy creeks.....	6,000
		12,000
PORTAGE COUNTY—		
Roy C. Een, Amherst	Sweed creek.....	3,000
Benj. Flemming, Amherst.....	Rea creek	3,000
M. A. Flemming, Amherst	Ben creek	3,000
S. C. Swenson, Amherst.....	Tomorrow river	3,000
L. A. Pomeroy, Amherst.....	Myers creek	3,000
A. C. Krembs, Stevens Point.....	Plover river	3,000
F. Abb, Stevens Point.....	Big Plover river	3,000
E. Viertel, Stevens Point.....	Big Plover river	3,000
		24,000
PRICE COUNTY—		
Patterson Bros., Fifield	Perch lake	7,500
W. H. Graham, Phillips.....	Rickery and Springstedt creeks	6,000
F. K. Randall, Phillips.....	Wilson creek	6,000
E. D. Sperry, Phillips.....	Little Elk	6,000
J. E. Feeley, Fifield.....	Wilton creek	7,500
		33,000
RACINE COUNTY—		
H. Weygand, Burlington.....	Fox river	6,000
RUSK COUNTY—		
D. E. Getchel, Weyerhauser.....	Soft Maple creek	7,500
W. L. Stephenson, Ladysmith.....	Wergor creek.....	7,500
		15,000
RICHLAND COUNTY—		
H. W. Haskell, Lone Rock.....	Marble-quarry creek.....	3,000
A. J. Dickerson, Lone Rock.....	Pennsylvania creek.....	3,000
Nathan Schoonover, Lone Rock.....	Marble-quarry creek.....	3,000
W. D. Elliott, Lone Rock.....	Byrds creek	3,000
E. S. Gann, Richlander Center.....	Sales creek	3,000
		15,000
ST. CROIX COUNTY—		
G. F. Sowie, Burkhardt.....	Willow river	3,000
James Durning, Burkhardt.....	Willow river above the falls	6,000
Jas. Smith, Burkhardt.....	Willow river	3,000
H. C. Kurrasch, Hudson.....	Willow river	3,000
J. E. Jones, Hudson.....	Willow river	3,000
F. F. Gray, Hudson.....	Willow river	3,000
Jos. Yoerg, Hudson.....	Willow river	3,000
P. T. Webster, Roberts.....	Kinnickinnic river	6,000
S. L. Pickett, Wilson.....	Tucker creek	6,000
		36,000
SAUK COUNTY—		
Adolph Fey, Ableman	Excelsior creek	3,000
F. E. Hawkins, Ironton.....	Silver creek	3,000

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
SAUK COUNTY—Continued.		
R. M. Mathews, Ironton.....	Little Baraboo and Dear creeks	3,000
E. Blakeslee, Ironton.....	Furnace, Cass and Valley creeks	3,000
John W. Procter, Spring Green.....	Wyoming creek.....	3,000
		15,000
SAWYER COUNTY—		
John Johnson, Hayward.....	Bass lake	6,000
Robt. C. Pugh, Hayward.....	Nemacogin lake	6,000
D. W. Turnbull, Hayward.....	Hay creek	3,000
Wm. Carufel, Reserve.....	Little Wind fall creek.....	6,000
		21,000
SHAWANO COUNTY—		
J. Lehman and Sons, Tigerton.....	Embarass river and Comet creek	15,000
M. L. Simpson, Tigerton.....	Simpson creek	6,000
Edwin Glaubitz, Wittenberg.....	Embarass river and middle branch	6,000
R. B. Glaubitz, Wittenberg.....	Embarass river and middle branch	6,000
G. F. Hull, Wittenberg.....	Embarass river and middle branch	15,000
P. A. Stewart, Morris.....	Wilson creek	6,000
		54,000
SHEBOYGAN COUNTY—		
S. H. Conover, Plymouth.....	Mullet river	3,000
TAYLOR COUNTY—		
Martin Canaughty, Medford.....	Mink creek	3,000
W. E. Hibbard, Medford.....	Mink creek	3,000
J. C. Hobbs, Medford.....	Wood river.....	3,000
Peter Danielson, Medford.....	Wood river.....	3,000
Frank Perry, Westboro.....	Headwater, Hay creek.....	6,000
		18,000
TREMPEALEAU COUNTY—		
L. H. Boleng, Ettrick.....	N. branch Beaver creek....	4,500
J. A. Kellman, Galesville.....	Bear and French creeks and tributaries	9,000
Peter Peterson, Elk Creek.....	Chimney rock	3,000
C. B. Miller, Arcadia.....	Newcombe and Thompson creeks	3,000
E. A. Kersting, Arcadia.....	Meyers Valley and Davies Valley creeks	3,000
		22,500
VERNON COUNTY—		
G. C. Kobb, Hillsboro.....	Billings and Melantha creeks	3,000
E. V. Wernick, Hillsboro.....	Jeffrey and Langer creeks	3,000
Ernest S. Johnson, Westby.....	Esofea creek	3,000
Olef Peterson, Westby.....	Spring Coulee	1,500
John Peterson, Westby.....	Paulsend creek	1,500
And. Lee, Westby	Skaaland creek.....	1,500
James Lee, Westby	Sherve creek.....	1,500
H. Nerison, Westby.....	Timber coulee	1,500
John Johnson, Westby.....	Davidson creek	1,500
A. H. Dahl, Westby.....	Skaaland creek.....	3,000
Dr. N. Sorenson, Westby.....	Brush Hollow creek	3,000

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
VERNON COUNTY—Continued.		
G. W. Henika, Readstown.....	Kickapoo river	4,500
Hans Neprude, Coon Valley.....	Spring Valley creek.....	3,000
Iven C. Lee, Coon Valley.....	Sin and Kломstain creek..	3,000
L. N. Johnson, Coon Valley.....	Johnson creek	3,000
J. A. Mills, Coon Valley.....	Dohlins creek	1,500
A. H. Nelson, Coon Valley.....	Coon creek	1,500
		40,500
VILAS COUNTY—		
Stephen Johnson, Eagle river.....	Rockey creek	3,000
W. J. Pinkerton, Eagle River.....	Wisconsin river	3,000
A. Paisman, Eagle River.....	Nine-mile creek.....	3,000
W. H. Knox, Eagle River.....	Swan creek	3,000
Roy Skinner, Eagle River.....	Deerskin creek.....	3,000
Fred Morey, Eagle River.....	Silver lake	3,000
John Green, Eagle River.....	Stone and Rice creeks.....	3,000
A. J. Burgess, Lakota.....	Muskrat creek.....	3,000
Julius Strelow, Conover.....	Muskrat creek	3,000
C. D. Gammon, Chicago.....	Deer Skin river	3,000
Chas. J. Law, Jr., Star Lake.....	Johnson creek	1,500
H. E. Salsich, Star Lake.....	Spring lake and creek	3,000
B. F. Wilson, Star Lake.....	Garland creek	3,000
J. W. Lant, Star Lake.....	Partridge and Nixon creeks	3,000
J. A. McDonald, Star Lake.....	Manitowish creek.....	3,000
Henry C. Simmonds, Star Lake.....	South branch Manitowish creek	1,500
B. J. Vaughan, Star Lake.....	Bucktabau creek.....	1,500
C. M. Miles, Star Lake.....	Middle branch Manitowish creek	1,500
Frank Wiezorek, Star Lake.....	West branch Lost creek....	1,500
Fred Meloy, Sayner,	Outlet Plum lake	4,500
		54,000
WALWORTH COUNTY—		
Edwin McDougal, Heart Prairie.....	Whitewater creek	3,000
Fred Holden, Whitewater.....	Steele creek	3,000
K. F. Booth, East Troy.....	Booth lake.....	6,000
		12,000
WASHBURN COUNTY—		
J. J. Hohl, Mnong.....	Little Gilman lake	6,000
F. L. Lampson, Lampson	Silver lake	3,000
J. H. Bixby, Mills	Whalen and Potato creeks	6,000
S. S. Hoar, Shell Lake	N. & S. Forks Clam river..	6,000
A. A. Lovell, Shell Lake.....	Clam river	6,000
Barney Mullin, Shell Lake.....	North fork Clam river....	6,000
F. A. Lowell, Shell Lake.....	Yellow river	6,000
W. B. Hanson, Shell Lake.....	Sawyer creek	3,000
Otto Gahler, Birchwood	Sucker creek	6,000
Thos. H. Fielding, Spring Brook....	Spring and Potato creeks..	6,000
		54,000
WASHINGTON COUNTY—		
Phillip Hochstein, West Bend.....	Silver lake	22,500
Thos. Burhy, West Bend.....	Small spring lake—no name	13,500
And. Lehner, Ackerville.....	Inlets to Lehner lake.....	3,000
		39,000
WAUKESHA COUNTY—		
W. H. Tuohy, Eagle.....	Bottomly and Long creeks	6,000

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
WAUPACA COUNTY—		
Alfred Johnson, Waupaca.....	Walla-Walla lake	3,000
E. E. Browne, Waupaca.....	Crystal and Waupaca rivers	12,000
J. Exstrom, Waupaca.....	Nichols creek	3,000
M. S. Stroud, Symco.....	Little Wolf river	3,000
Jas. Peterson, Scandinavia.....	Magnus creek	3,000
		24,000
WAUSHARA COUNTY—		
G. N. Spaulding, Hancock.....	Mecan river	6,000
Ed. O'Connor, Hancock.....	Mecan river	6,000
C. E. Wells Co., Auroraville.....	Willow creek	4,500
		16,500
WOOD COUNTY—		
W. C. Martin, Grand Rapids.....	Four and Seven-mile creeks	3,000
Geo. F. Krieger, Grand Rapids.....	Head Four-mile creek	3,000
Geo. W. Baker, Jr., Grand Rapids..	Ten-mile creek	3,000
Geo. W. Baker, Sr. Grand Rapids..	Two mile creek.....	3,000
A. B. Bever, Grand Rapids.....	Four-mile creek	1,500
James G. Hamilton, Grand Rapids..	Chester creek	1,500
		15,000
Total rainbow trout fry planted, 1905	.....	1,362,000

Distribution of Fish.

WALL-EYED PIKE FRY PLANTED, 1905.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
ASHLAND COUNTY—		
W. J. Collins, Mellen.....	Iron river	100,000
Geo. Sell, Glidden	East fork Chippewa river..	100,000
Louis Augustine, Glidden.....	Summit lake	100,000
Emil Auberson, Glidden.....	Lake S., 1-42-1 West.....	100,000
Jos. Meyer, Glidden	Lake S., 1-42-1 West.....	100,000
Theo. R. Yankee, Ashland.....	Butternut lake	200,000
E. J. Rendtdorf, Mellen.....	Herbert lake	100,000
G. W. Schmidt, Mellen.....	Herbert lake.....	100,000
W. H. Beach, Mellen.....	English lake	100,000
E. M. Sprague, Mellen.....	Caroline lake	100,000
		1,100,000
BARRON COUNTY—		
H. S. Comstock, Cumberland.....	Vermillion lake	250,000
A. H. Miller, Cumberland.....	Big Sand and Beaver Dam lakes	250,000
Fred Schroeder, Turtle Lake	Hilman and Turtle lakes..	200,000
Albert Rosenbush, Turtle Lake.....	Horse Shoe lake	100,000
M. C. Howard, Cameron.....	Prairie lake	100,000
J. A. Dean, Turtle Lake	Loon lake	100,000
P. E. Olson, Rice Lake.....	Rice lake	100,000
Geo. McLeod, Rice Lake.....	Rice lake	100,000
V. H. Paradis, Rice Lake.....	Rice lake	100,000
Mark Faubanks, Rice Lake.....	Tuscobia lake	100,000
M. P. Barry, Rice Lake	Tuscobia lake	100,000
		1,500,000
BAYFIELD COUNTY—		
Clarence Dennis, Cable.....	Cable lake	100,000
Lucius D. Pease, Cable	Pitcher lake	100,000
Thos. McClain, Cable	Perry lake	100,000
H. B. Crane, Cable	Cable lake	100,000
Harry Moore, Cable	Cable lake	100,000
Clarence Dennis, Cable.....	Cable lake	100,000
		600,000
CALUMET COUNTY—		
J. A. Hansen, New Holestien.....	Wilkes lake	100,000
CHIPPEWA COUNTY—		
W. E. Raven, Bloomer	Shattuck lake	100,000
L. L. Thayer, Bloomer.....	Round lake	100,000
John Morrison, Bloomer.....	Cornell lake	100,000
W. E. Ketch, Bloomer.....	Cornell lake	100,000
A. T. Newman, Bloomer.....	Long lake	100,000
		500,000
CLARK COUNTY—		
Geo. R. Redmond, Neillsville.....	Black river	100,000
COLUMBIA COUNTY—		
Albert Klatt, Columbus.....	Loss lake	100,000
D. L. Floore, Columbus.....	Crawfish river	100,000
F. H. Smith, Pardeeville	Pardeeville mill pond.....	100,000
		300,000
DANE COUNTY—		
Jas. Nevin, Madison.....	Lake Mendota.....	1,250,000
B. F. Compton, Stoughton.....	Lake Kegonsa	500,000
Agt. C. M. & St. P. Ry., McFarland..	Second lake	750,000
Prof. R. A. Moore, Madison.....	Lake Wingra	300,000
Henry Hoehn, Monroe.....	Lake Kegonsa	500,000
		3,300,000

Distribution of Fish.

WALL-EYED PIKE FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
DODGE COUNTY—		
F. A. Nickerson, Danville.....	Crawfish river	100,000
Geo. M. Bagley, Neosho.....	Mill pond	100,000
F. H. Mathis, Hutisford.....	Rock river and Hutisford mill pond	100,000
W. C. North, Fox Lake.....	Fox lake	250,000
Murphy Bros., Fox Lake.....	Fox lake	750,000
Eugene Zeigler, Mayville.....	Rock river above Horicon marsh	200,000
C. W. Harvey, Beaver Dam.....	Beaver Dam lake	500,000
Frank S. Bauer, Le Roy	Rock river	200,000
		2,200,000
DOUGLAS COUNTY—		
W. J. Olcott, Duluth, Minn.	Bardon and Bond lakes....	200,000
Frank Pattes, Solon Springs.....	Black Fox lake	200,000
Louis Schmidt, Solon Springs	Lake St. Croix	100,000
W. R. Hill, Solon Springs.....	Lake St. Croix	100,000
H. H. A. Keenan, Solon Springs....	Big Twin lake	100,000
M. E. Nichols, Solon Springs.....	Nichols lake	100,000
P. E. Waterbury, Solon Springs....	Upper Lake St. Croix.....	100,000
N. Lucius, Solon Springs.....	St. Croix lake	100,000
M. H. Griffin, Superior.....	Bond lake	200,000
		1,200,000
DUNN COUNTY—		
W. S. Swenson, Menomonie.....	Menomonie lake and Red Cedar river	100,000
J. C. Eyeland, Wheeler.....	Hay river	100,000
		200,000
EAU CLAIRE COUNTY—		
H. J. Swanke, Fall Creek.....	Fall creek.....	100,000
W. E. Edgell, Altoona.....	Altoona lake	50,000
R. E. Johnson, Augusta.....	Augusta mill pond.....	150,000
J. O. Enockson, Altoona.....	Altoona lake	50,000
Chas. Stiding, Altoona.....	Altoona lake	50,000
L. A. McKinley, Altoona.....	Altoona lake	50,000
		400,000
FLORENCE COUNTY—		
Jas. J. Pontbriand, Florence.....	Trout lake	100,000
J. D. Clement, Florence.....	Pike lake	100,000
W. W. Noyes, Florence.....	Railroad lake	100,000
H. D. Fisher, Florence.....	Fisher lake	100,000
Fred E. Olin, Florence.....	Rice lake	100,000
And. Lundwal, Jr., Commonwealth..	Lake Emily	200,000
		700,000
FOND DU LAC COUNTY—		
P. S. Hoffman, Campbelsport.....	Lake Fifteen	200,000
FOREST COUNTY—		
B. Clement, Three lakes.....	Lake Mentonga	200,000
C. H. Hearst, Three lakes.....	Lake Metonga	100,000
Otto C. Vandree, Three Lakes.....	Lake Metonga	100,000
Wm. Van Zile, Crandon.....	Sand lake.....	100,000
Frank Shoemaker, Crandon.....	Sand lake.....	100,000
L. T. Crabtree, Crandon	Sand lake.....	100,000
F. P. Hiles, Hiles	Pine lake	200,000
John McCoy, Appleton.....	Virgin lake	200,000
N. W. Johnson, Carter	Otter lake	100,000

Distribution of Fish.

WALL-EYED PIKE FRY PLANTED, 1905—Continued.

Name and Post. Office of Applicant.	Where Planted.	No. of Fish.
FOREST COUNTY—Continued.		
Connor Lumber Co., Laona.....	Birch and Langer lakes	500,000
R. S. Elliott, Laona.....	Birch lake	100,000
And. Mueller, Waubesa	Leech lake	200,000
		2,000,000
GREEN COUNTY—		
Fred Ties, Brodhead.....	Spring creek.....	200,000
GREEN LAKE COUNTY—		
D. Morris, Dartford, Green Lake....	Green lake.....	1,000,000
J. E. Henney, Princeton.....	Fox river	200,000
H. A. Kelem, Markesan.....	Little Green lake.....	500,000
		1,700,000
IRON COUNTY—		
F. J. Peterson, Manitowish.....	Lakes at Powell.....	200,000
Jos. H. Ray, Mercer	Bass lake	150,000
Carl Mueller, Chicago.....	Trude lake	200,000
W. H. Frazier, Mercer.....	Lake Constant	100,000
G. W. Buck & Son, Manitowish.....	Turtle and Manitowish lakes	200,000
J. C. Withington, Mercer.....	Tank and Martha lakes....	100,000
W. E. Tyler, Mercer	Oxbow and Fisher lakes....	100,000
W. C. Mason, Mercer.....	Cedar and Spider lakes ...	100,000
Ed. Evenson, Mercer.....	Mercer lake	100,000
Geo. Richardson, Mercer.....	Lake Kennison	200,000
		1,450,000
JACKSON COUNTY—		
H. J. Gebhardt, Black River Falls..	Perry creek pond.....	100,000
F. W. Cole, Black River Falls.....	Black river	200,000
		300,000
JEFFERSON COUNTY—		
V. J. McGowan, Lake Mills.....	Rock lake	500,000
Wm. Yeo, Palmyra	Mud lake	500,000
Chas. E. Williams, Palmyra.....	Spring lake	100,000
C. W. Bennett, Palmyra	Pleasant lake	100,000
B. C. Harris, Palmyra	Pleasant lake	100,000
G. A. Buzzell, Palmyra.....	Upper lake	100,000
A. H. Hartwig, Watertown.....	Rock river	250,000
		1,650,000
JUNEAU COUNTY—		
J. H. Forbes, Elroy.....	Baraboo river	100,000
C. J. Phillips, Camp Douglas.....	Big Lemonweir river	150,000
Geo. M. Frohmader, Camp Douglas..	Carlson creek	100,000
J. Gross, Necedah	Necedah lake	100,000
W. A. Kent, Jr., Necedah.....	Necedah lake	100,000
C. A. Leicht, New Lisbon.....	Big Lemonweir river.....	250,000
		800,000
KENOSHA COUNTY—		
James Pease, Salem	Hooker lake	200,000
Abe Crowley, Antioch, Ill.	Cross lake	250,000
		450,000
KEWAUNEE COUNTY—		
J. Albert Karel, Kewaunee.....	Kewaunee river	200,000
Dr. Felix Moraux, Luxemburg.....	Scarboro pond.....	100,000
Trudel & Kalhofer, Luxemburg....	Scarboro pond.....	100,000
		400,000

Distribution of Fish.

WALL-EYED PIKE FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
LA FAYETTE COUNTY—		
Geo. Ward, Darlington	Pecatonica river	200,000
LANGLADE COUNTY—		
Herman A. Mueller, Polar.....	Mueller lake	200,000
Dr. A. H. Roberts, Janesville.....	Pickrel lake	300,000
W. F. White, Antigo.....	Eau Claire river	100,000
Emil Weiss, Post Lake.....	Clear lake	150,000
John Mitchell, Antigo.....	Moose lake and Red river.....	200,000
H. Weyenberg, Summit Lake.....	Summit lake	150,000
Geo. H. Burton, Elcho.....	Nelson lake	100,000
W. H. Richardson, Sheboygan Falls.....	Enterprise lake	150,000
Geo. H. Maxwell, Antigo.....	Thompson lake	150,000
G. A. Kletzsch, Summit Lake	Summit lake	100,000
		1,600,000
LINCOLN COUNTY—		
C. E. Macomber, Tomahawk.....	Half-moon lake	200,000
Henry Dudley, Dudley.....	Bass lake	250,000
H. Ackerman, Merrill.....	Alder and Larson lakes ..	200,000
W. G. Smith, Merrill.....	Tug lake.....	200,000
Johnson and Whitson, Tomahawk....	Muskellunge lake.....	200,000
B. A. Daniels, Chat	Horse shoe lake.....	200,000
John Pospisiel, Heineman.....	Scoville lake	100,000
C. L. Stephens, Heineman.....	Scoville lake.....	100,000
H. H. Heineman, Heineman.....	Anderson lake.....	200,000
A. J. Olson, Tomahawk.....	Clear lake.....	200,000
		1,850,000
MANITOWOC COUNTY—		
S. W. Randolph, Manitowoc	English lake and Manitowoc river	250,000
H. H. Huhn, Branch.....	Inland lake.....	100,000
Chas. M. Crum, Manitowoc.....	Hartlambs and English lakes	100,000
		450,000
MARATHON COUNTY—		
A. N. Whiting, Marathon City.....	Whiting pond.....	100,000
Fred Prehn, Marathon City.....	Big Rib river.....	200,000
Harry A. Fricke, Marathon City.....	Big Rib river.....	100,000
A. J. Schneider, Marathon City.....	Big Rib river.....	100,000
John Baur, Marathon City.....	Big Rib river.....	100,000
A. T. Torgenson, Galloway.....	Galloway and Walch lakes.	150,000
Fred Luchy, Hatley.....	Bronsk lake.....	100,000
J. J. Long, Marathon City.....	Big Rib river.....	100,000
C. E. Wescot, Wausau.....	Wisconsin river.....	200,000
H. W. Pradt, Wausau.....	Big Rib river.....	50,000
Phillip Stadler, Wausau.....	Big Rib river.....	50,000
A. L. Dodge, Wausau.....	Big Rib river.....	50,000
R. L. Kiser, Wausau.....	Big Rib river.....	50,000
E. D. Underwood, Wausau.....	Big Rib river.....	50,000
Herman R. Seim, Wausau.....	Big Rib river.....	50,000
H. G. McCrosen, Wausau.....	Little Rib river.....	50,000
C. S. Curtis, Wausau.....	Little Rib river.....	50,000
O. C. Belanyer, Wausau.....	Big Trappe river.....	50,000
W. H. Boles, Wausau.....	Wisconsin river.....	50,000
		1,650,000
MARINETTE COUNTY—		
L. G. Walker, Pound.....	Gill lake.....	150,000
A. U. Bean, Crivitz.....	Lake Noquebay.....	300,000
C. J. Johnson, Pembine.....	Lundgren and Lindquist lakes	200,000
		650,000

Distribution of Fish.

WALL-EYED PIKE FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
MARQUETTE COUNTY—		
Ludwig Holtz, Budsin.....	Crystal lake.....	100,000
Chas. Ziebel, Westfield.....	Twin lakes.....	100,000
		200,000
MILWAUKEE COUNTY—		
Hon. Thos. C. Froeming, Milwaukee.	Milwaukee river above the dam	250,000
MONROE COUNTY—		
H. J. Werden, Wilton.....	Kickapoo river.....	100,000
Geo. Yackel, Wilton.....	Kickapoo river.....	100,000
Ed. S. Gray, Sparta.....	Evans pond.....	100,000
Frank L. French, Sparta.....	Perch lake.....	100,000
Fred Brandt, Sparta.....	Upper La Crosse river.....	100,000
		500,000
OCONTO COUNTY—		
A. Baker, Lakewood.....	Maiden lake.....	200,000
L. B. Steulke, Gillett.....	Berry lake.....	200,000
		400,000
ONEIDA COUNTY—		
B. F. Jilson, Monico.....	Bug and Trap lakes.....	150,000
T. B. McIndoe, Rhinelander.....	Lake Thompson.....	200,000
H. E. Kemp, Rhinelander.....	Lake Julia.....	100,000
John Barnes, Rhinelander.....	Pelican lake.....	100,000
Albert Johnson, Three Lakes.....	Spirit lake.....	200,000
Frank E. Parker, Rhinelander.....	Lakes George and Thompson	200,000
J. Demars, Rhinelander.....	Lake Julia.....	100,000
W. T. Stevens, Rhinelander.....	Crescent lake.....	100,000
B. F. Jilson, Monico.....	Bug and Trap lakes.....	150,000
Carl D. Johnson, Rhinelander.....	Eby lake.....	100,000
Gustave Hoffmann, Hazelhurst.....	Wind-Pudding lake.....	200,000
F. A. Marquardt, Wausau.....	Horse-head lakes.....	100,000
Paul Koebke, Wausau.....	Horse-head lakes.....	100,000
Robt. Wegner, Wausau.....	Horse-head lakes.....	100,000
Frank C. Hone, Wausau.....	Horse-head lakes.....	100,000
Edw. C. Kretlow, Wausau.....	Horse-head lakes.....	100,000
F. D. Timlin, Hazelhurst.....	Kaubashine lakes.....	200,000
Eugene Johnson, Minocqua.....	Minocqua lake.....	500,000
James Nevin, Madison.....	Tomahawk lake.....	4,000,000
Robert Ripple, Woodruff.....	Minocqua lake.....	4,000,000
		10,800,000
OZAUKEE COUNTY—		
John Weber, Jr., Cedarburg.....	Cedar creeks.....	100,000
PEPIN COUNTY—		
H. Nickles, Durand.....	Bear, Thompson and Willow lakes	150,000
Thos. E. Lucas, Durand.....	Thompson lake.....	100,000
H. Heath, Eau Galle.....	Fau Galle river.....	100,000
Geo. R. Toplis, Eau Galle.....	Eau Galle river.....	100,000
		450,000
POLK COUNTY—		
John Howe, Amery.....	Apple river.....	100,000
W. L. Tuttle, Balsam Lake.....	Balsam lake.....	250,000
		350,000

Distribution of Fish.

WALLEYED PIKE FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
PORTAGE COUNTY—		
John C. Frost, Stevens Point.....	Wisconsin river.....	100,000
A. C. Kremb, Stevens Point.....	Wisconsin river.....	100,000
Harry Bergholte, Stevens Point.....	Wisconsin river.....	100,000
E. W. Newman, Stevens Point.....	Wisconsin river.....	100,000
Jas. W. Ash, Stevens Point.....	Wisconsin river.....	100,000
A. M. Nelson, Stevens Point.....	Lake Emily.....	250,000
		750,000
PRICE COUNTY—		
H. R. Soulen, Phillips.....	Long lake.....	150,000
C. D. Fenelon, Phillips.....	Long lake.....	150,000
F. K. Randall, Phillips.....	Long lake.....	150,000
Chas. Swenson, Park Falls.....	Swenson lake.....	100,000
		550,000
ROCK COUNTY—		
Thos. P. Hemmy, Juneau.....	Rock river.....	200,000
J. L. Hudson, Lima Center.....	Trude lake.....	100,000
N. Freeman, Lima Center.....	Stores lake.....	100,000
R. I. Dowd, Beloit.....	Lake Waubesa.....	200,000
L. E. Cunningham, Beloit.....	Rock river.....	200,000
		800,000
RUSK COUNTY—		
J. C. Stubbs, Weyerhauser.....	Bass lake.....	100,000
ST CROIX COUNTY—		
O. R. Schwalen, Roberts.....	Twin lakes.....	100,000
Howard Greenfield, Roberts.....	Three lakes.....	100,000
N. H. Gardiner, Hammond.....	Hope lake.....	100,000
A. E. Bradford, Hammond.....	Hope lake.....	100,000
And. Torkelson, Hudson.....	Bass lake.....	100,000
A. T. Torkelson, Hudson.....	Bass lake.....	100,000
H. F. Peabody, New Richmond.....	North Fish lake.....	100,000
F. W. Holliday, New Richmond.....	Bridge, Babcock, and Stranton lakes.....	200,000
Thomas Tobin, Burkhardt.....	Bass lake.....	100,000
Mrs. A. L. Anderson, Hudson.....	Bass lake.....	50,000
		1,050,000
SAUK COUNTY—		
A. D. Dorsett, Baraboo.....	Devils lake.....	150,000
S. S. Hood, Baraboo.....	Devils lake.....	150,000
E. G. Marlott, Baraboo.....	Devils lake.....	150,000
		450,000
SAWYER COUNTY—		
John Johnson, Hayward.....	Bass lake.....	200,000
H. B. Shue, Hayward.....	Tyner lake.....	200,000
Frank Jolly, Hayward.....	Chief lake.....	200,000
Ole Simonson, Hayward.....	Bass lake.....	200,000
		800,000
SHAWANO COUNTY—		
A. H. Arnold, Aniwa.....	Lake at Aniwa.....	200,000
Alex Rundhamer, Birnamwood.....	Mayflower lake.....	150,000
Wm. Leiskau, Birnamwood.....	Goast lake.....	150,000
E. W. Gueller, Birnamwood.....	Mayflower lake.....	250,000
H. C. Scheller, Cecil.....	Shawano lake.....	400,000
		1,150,000

Distribution of Fish.

WALLEYED PIKE FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
SHEBOYGAN COUNTY—		
Henry C. Gruebner, Sheboygan.....	Sheboygan river.....	150,000
Sigmund Bloomfield, Elkhart Lake..	Elkhart lake.....	200,000
W. F. Pinnow, Elkhart.....	Elkhart lake.....	200,000
Aug. Goetsch & Son, Franklin.....	Goetsch lake.....	100,000
		650,000
TAYLOR COUNTY—		
Dr. Pringle, Rib Lake.....	Lake near Rib Lake, Wis..	100,000
Jas. Coshnik, Medford.....	Sackett lake.....	100,000
Dr. C. E. Nystrum, Medford.....	Horse Shoe lake.....	100,000
E. D. Simerson, Medford.....	Nigger lake.....	100,000
Jas. Simerson, Medford.....	Sackett lake.....	50,000
F. M. Sigel, Medford.....	Sackett lake.....	100,000
A. H. Wesenberg, Chelsea.....	Chelsea lake.....	100,000
Geo. Galloway, Chelsea.....	Chelsea lake.....	100,000
		750,000
TREMPEALEAU COUNTY—		
L. M. Ekern, Whitehall.....	Trempealeau river.....	150,000
E. A. Kersting, Arcadia.....	Trempealeau river.....	100,000
M. H. Zimmer, Independence.....	Elk creek.....	100,000
		350,000
VILAS COUNTY—		
John Mann, Woodruff.....	Trout lake.....	500,000
Chas. Coon, Woodruff.....	Trout lake.....	500,000
Henry Hansen, Woodruff.....	Squirrel lake.....	1,000,000
Dr. Yale, Hazelhurst.....	Bear lake.....	500,000
S. Hahn, Woodruff.....	Woodruff lake.....	100,000
Wright Lumber Co., Merrill.....	Clear lake.....	500,000
H. Bramer, Woodruff.....	Rush lake.....	500,000
Fred Morey, Woodruff.....	Silver lake.....	100,000
W. S. Wright, Lac du Flambeau.....	Long, Fence, Pakegema and Flambeau lakes.....	500,000
Calvin Doriott, Mantiowish.....	Big lake.....	200,000
Michael Welch, Eagle River.....	McLeod lake.....	100,000
R. D. McLeod, Eagle River.....	Clear lake.....	100,000
A. McKenzie, Eagle River.....	Eagle lake.....	100,000
J. D. Mayo, Eagle River.....	Spirit lake.....	100,000
E. D. Stewart, Eagle River.....	Bass lake.....	100,000
Victor Stevens, Eagle River.....	Catfish lake.....	100,000
Frank Hull, Conover.....	Pioneer lake.....	100,000
Julius Strelow, Conover.....	Deerskin lake.....	100,000
Louis Kunz, Manitowoc.....	Rest and Island lakes.....	200,000
William Rohr, Manitowoc.....	Big and Spider lakes.....	200,000
Julius Lindstedt, Manitowoc.....	Pappoose, Clear and Round lakes.....	200,000
A. J. Burgess, Lakota.....	Pioneer lake.....	100,000
John Carlson, Lakota.....	Marshall lake.....	100,000
Eli Therio, Lakota.....	Little Twin lake.....	100,000
D. H. Sargent, Lakota.....	Big and Little Twin lakes.....	100,000
Julius Strelow, Lakota.....	Pioneer lake.....	100,000
M. W. Harvison, Star Lake.....	Clear lake.....	200,000
John A. McDonald, Star Lake.....	Pickeral lake.....	200,000
Herb Warner, Sayner.....	Plum lake.....	500,000
H. E. Salsich, Star Lake.....	Ballard lake.....	200,000
B. F. Wilson, Star Lake.....	Star lake.....	200,000
J. W. Landt, Star Lake.....	Partridge lake.....	200,000
Dr. R. C. Aylward, Star Lake.....	Star lake.....	200,000
Robt. McGregor, Arbor Vitae.....	Lake Big St. Germain.....	400,000
O. W. Sayner, Sayner.....	Plum lake.....	250,000
E. B. Thayer, Sayner.....	Razorback, Rice, and Little Bear lakes.....	250,000
		8,900,000

Distribution of Fish.

WALL-EYED PIKE FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
WALWORTH COUNTY—		
Merritt & Lone, Lake Geneva.....	Geneva lake.....	500,000
W. A. Sharp, Elkhorn.....	Lauderdale lakes.....	400,000
Jas. A. Quinn, Delavan.....	Turtle lake.....	50,000
		950,000
WASHBURN COUNTY—		
W. J. Gardner, Minong.....	Twin lakes.....	100,000
F. L. Lampson, Lampson.....	Silver lake.....	100,000
J. S. Zimmerman, Lampson.....	Gull lake.....	100,000
E. R. Herring, Shell Lake.....	Shell lake.....	100,000
L. J. Jones, Spooner.....	Lake Mathews.....	200,000
Barney Mullen, Shell Lake.....	Shell and Big lakes.....	200,000
F. A. Lovell, Shell Lake.....	Ripley and Chain O'Lakes.....	200,000
John H. Savage, St. Paul, Minn.....	Spring and Bass lakes.....	250,000
		1,250,000
WASHINGTON COUNTY—		
James A. Kircher, Barton.....	Wallers lake.....	200,000
Phillip Hochstein, West Bend.....	Silver lake.....	250,000
P. W. Harns, West Bend.....	Little Cedar lake.....	250,000
John Kliest, N. Milwaukee.....	Amy Belle lake.....	100,000
Geo. Hammer, N. Milwaukee.....	Amy Belle lake.....	100,000
Caspar Newberry, Colgate.....	Bark lake.....	150,000
F. L. Le Count, Hartford.....	Trib. Mud lake.....	100,000
F. J. Stiglbauer, Richfield.....	Bark lake.....	150,000
And. Lehner, Ackerville.....	Lehners lake.....	100,000
		1,400,000
WAUKESHA COUNTY—		
Roy Burton, Eagle.....	Beaver Dam.....	100,000
Chas. M. Wagner, Nashotah.....	Nashotah lakes.....	750,000
Fred Pabst, Jr., Milwaukee.....	Pewaukee lake.....	500,000
Blue Mounds Fishing Club, And. F. Grenlich, Secy., Milwaukee.....	Pewaukee lake.....	500,000
John Steckling, Okauchee.....	Okauchee lake.....	100,000
A. E. Lacy, Okauchee.....	Okauchee lake.....	600,000
Herman Moschgan, Okauchee.....	Okauchee lake.....	100,000
Peter Schmidt, Milwaukee.....	Okauchee lake.....	100,000
Louis Elschner, Milwaukee.....	Okauchee lake.....	100,000
Henry Mayer, Milwaukee.....	Okauchee lake.....	100,000
Jos. E. Matzek, Okauchee.....	Okauchee lake.....	100,000
L. Schroeder, Milwaukee.....	Nagawicka lake.....	750,000
Tom J. Rea, Hartland.....	Beaver lake.....	500,000
F. W. Noyes, Okauchee.....	Oconomowoc lake.....	500,000
R. H. Norris, Nashota.....	Nemahbin lake.....	500,000
Brad. Young, Oconomowoc.....	Nashota, Nemahbin and Oconomowoc lakes.....	1,250,000
Louis Kaufmeyer, Merton.....	Lake Keesus.....	200,000
And. Merkel, Menomonie Falls.....	Mud lake.....	100,000
		6,850,000
WAUPACA COUNTY—		
Irving P. Lord, Waupaca.....	Rainbow and Chain O'Lakes.....	500,000
T. Extrom, Waupaca.....	Shadow lake.....	100,000
B. W. Hermann, Waupaca.....	Hicks lake.....	100,000
Frank Stout, Waupaca.....	Chain O'Lakes.....	500,000
M. S. Stroud, Symco.....	Little Wolf river.....	100,000
N. F. Nilson, Iola.....	Selmer lake.....	100,000
Arthur Lindsay, Manawa.....	Little Wolf river.....	150,000
Otto Beck, Iola.....	Graham lake.....	100,000

Distribution of Fish.

WALL-EYED PIKE FRY PLANTED, 1905—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
WAUPACA COUNTY—Continued.		
T. C. Thompson, Iola.....	North lake.....	100,000
J. L. Larson, Iola.....	Brekke lake.....	100,000
J. Phillips, Iola.....	North lake.....	100,000
Chas. Bucholtz, Clintonville.....	Grass lake.....	200,000
Aug. Spearbreaker, Clintonville.....	Pine lake.....	100,000
H. A. Meilke, Clintonville.....	Pine lake.....	100,000
		2,350,000
WAUSHARA COUNTY—		
M. Morarity, Rodney.....	Spring lake.....	100,000
C. H. Russel, Madison.....	Silver lake.....	750,000
Dr. F. C. Wood, Hancock.....	Hancock lake.....	100,000
Geo. M. Scott, Hancock.....	Deer lake.....	100,000
W. H. Canfield, Hancock.....	Fish lake.....	100,000
G. N. Spaulding, Hancock.....	Fish lake.....	100,000
L. A. Stilwell, Plainfield.....	Mill pond.....	100,000
		1,350,000
WINNEBAGO COUNTY—		
John Maag, Oshkosh.....	Lake Winnebago.....	4,000,000
WOOD COUNTY—		
H. H. Voss, Grand Rapids.....	Consolidated pond.....	50,000
Chas. Brier, Grand Rapids.....	Wisconsin river.....	50,000
John E. Daly, Grand Rapids.....	Wing lake.....	50,000
Henry C. Demitz, Grand Rapids.....	Wisconsin river.....	100,000
Geo. W. Baker, Grand Raids.....	Elm lake.....	50,000
W. F. Kellogg, Grand Rapids.....	McGrath pond.....	50,000
C. F. Kellogg, Grand Rapids.....	Biron pond.....	50,000
D. B. Phillea, Grand Rapids.....	Brawley pond.....	50,000
Geo. M. Huntington, Grand Rapids..	Wisconsin river.....	100,000
Dr. J. J. Looze, Grand Rapids.....	Hurley pond.....	100,000
W. W. Meade, Grand Rapids.....	Mill pond.....	100,000
A. J. Hasbronck, Grand Rapids.....	Elm pond.....	100,000
W. E. Whelan, Grand Rapids.....	Biron pond.....	100,000
Geo. B. McMillan, Centralia.....	Wisconsin river.....	100,000
Samuel Church, Centralia.....	Wing lake.....	100,000
		1,150,000
Total wall-eyed-pike fry planted, 1905		76,800,000

Distribution of Fish.

BLACK BASS FRY PLANTED, 1905.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
F. E. Parker, Rhineland.	Lakes George and Thompson	5,000
John Foss, Tigerton.	Pond on Embarass river	5,000
H. Lehman, Tigerton.	Embarass river	5,000
W. A. Wescott, Crandon.	Sand lake	5,000
Herman Mueller, Antigo.	Muellers lake	5,000
L. E. Barm, Iron River.	West-eight lake	5,000
H. A. Vaughn, Iron River.	Iron lake	5,000
J. A. Lansworth, Brule.	Mucks lake	5,000
Fred Morey, Eagle River.	Silver lake	5,000
E. A. Everett, Eagle River.	Meta lake	5,000
H. G. Frank, State Line.	Bass lake	10,000
Fred Johns Three Lakes.	Spirit lake	5,000
Gus Kloes, Three Lakes.	Virgin lake	5,000
D. H. Sargent, Conover.	Twin lake	2,500
Wm. Adams, Conover.	Twin lake	5,000
Frank Hull, Conover.	Twin lake	5,000
M. A. Colman, Eagle River.	Pioneer lake.	5,000
L. A. Pepin, Grand Rapids.	Lake Emogene	5,000
C. F. Kellogg, Grand Rapids.	Port Edwards pond	5,000
W. G. Scott, Grand Rapids.	Wisconsin river	5,000
H. A. Ackerman, Merrill.	Wisconsin river	5,000
H. Sherwood, Valley Junction.	Alder and Larson lakes	5,000
Martin Foss, Foss Spur.	Water-mill lake	5,000
A. W. Christensen, Necedah.	Tug lake	5,000
E. E. Reynolds, Nashotah.	Yellow river	5,000
G. C. Holtz, Columbus.	Mouse lake	5,000
C. W. Wagner, Nashotah.	Loss lake.	5,000
C. Miller, Nashotah.	Moose lake.	10,000
Jacob Scheller, Okauchee.	Moose lake	5,000
Aug. Brance, Okauchee.	Okauchee lake.	5,000
Peter Steinbach, Salem.	Okauchee lake.	5,000
A. A. Ackerman, Twin Lakes.	Hooker lake	5,000
Fred Schmidt, Manitowoc.	Twin lakes	10,000
F. J. Kenyon, Superior.	English lake	15,000
Clarence Dennis, Cable.	Clear lake	10,000
A. Kuppenheimer, Hayward.	Cable lake	5,000
W. A. Light, Hayward.	Court O'Reilles lake	5,000
I. C. McNeil, Solon Springs.	Bradley lake	5,000
W. H. Crumpton, Solon Springs.	St. Croix lake	5,000
N. Lucius, Solon Springs.	St. Croix lake	5,000
Fred Pirsch, Medford.	St. Croix lake	5,000
Frank Russell, Park Falls.	Halsam lake	5,000
T. R. Yankee, Butternut.	Oxbow lake	5,000
J. W. Hicks, Prentice.	Butternut lake	5,000
F. W. Jenkins, Chippewa Falls.	Wooster lake	5,000
W. L. Botsford, Altoona.	Long lake	5,000
C. Stiding, Altoona.	Eau Claire river	5,000
A. A. Cuffer, Eau Claire.	Five-mile lake	5,000
H. P. Barry, Rice Lake.	Long lake (Chippewa Co.)	5,000
L. Kortsch, Eau Claire.	Rice lake	5,000
J. J. Moe, Rice Lake.	Eau Claire river	5,000
Jacob Baumberger, Eau Claire.	Lake Montanis	5,000
L. L. Thayer, Bloomer.	Eau Claire river	5,000
John Tobin, Mellen.	Round lake	5,000
Frank Shepherd, Mellen.	English lake	5,000
W. H. Beach, Mellen.	Carrol lake.	2,500
S. D. Hodson, Mellen.	English lake	2,500
C. A. Poundstone Mellen.	Bad river	2,500
M. H. Vought, Mellen.	Duck lake	2,500
F. L. Lampson, Lampson.	Bad river	2,500
H. C. Kempster, Kempster.	Silver lake	5,000
	Bass lake	5,000

317,500

Distribution of Fish.

BLACK BASS FINGERLINGS PLANTED, 1905.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
O. K. Mann, Oconomowoc.....	La Belle lake.....	1,800
Jas. Nevin, Madison.....	Lake Mendota.....	12,000
	Lake Winnebago.....	10,000
		23,800

WHITEFISH FRY PLANTED, 1905.

Where Planted.	No. of Fish.
In Lake Michigan, out from Racine.....	1,210,000
In Lake Michigan, out from Sheboygan.....	1,650,000
In Lake Michigan, out from Manitowoc.....	1,100,000
In Lake Michigan, out from Oconto.....	1,100,000
In Lake Michigan, out from Port Washington.....	1,100,000
In Lake Michigan, off from Sturgeon Bay.....	1,342,000
In Chequamegon Bay, Lake Superior.....	7,776,000
	15,278,000

LAKE TROUT FRY PLANTED, 1905.

Where Planted.	No. of Fish.
In Lake Michigan, out from Racine.....	828,000
In Lake Michigan, out from Sheboygan.....	1,410,000
In Lake Michigan, out from Manitowoc.....	300,000
In Lake Michigan, out from Oconto.....	330,000
In Lake Michigan, out from Port Washington.....	1,092,000
In Lake Michigan, out from Sturgeon Bay.....	1,044,000
In Green Bay out from Sturgeon Bay.....	780,000
In Clear Lake, Oneida county.....	60,000
In Round Lake, Sawyer county.....	260,000
In Court O'Reilles Lake, Sawyer county.....	135,000
In Clear Lake, Vilas county.....	135,000
In Rusk Lake, Vilas county.....	135,000
In Minocqua Lake, Oneida county.....	250,000
In Mad Lake, Washburn county.....	75,000
In Summit Lake, Washburn county.....	60,000
In Sand Lake, Burnett county.....	45,000
In Beaver Dam Lake, Barron county.....	120,000
In Lake Owen, Bayfield county.....	240,000
In Hammill Lake, Bayfield county.....	35,000
In Tomahawk Lake, Oneida county.....	240,000
In Cisco Lake, (Michigan).....	240,000
In Chequamegon Bay, Lake Superior.....	11,049,000
Total lake trout fry planted, 1905.....	18,803,000

Distribution of Fish.

WHITE BASS FINGERLINGS PLANTED, 1905.

Where Planted.	No. of Fish.
Silver Lake, Manitowoc county.....	1,250
Okauchee Lake, Waukesha county.....	1,400
Lake Beulah, Walworth county.....	1,250
Chain of Lakes, Vilas county.....	1,250
Minocqua Lake, Oneida county.....	1,250
Elkhart Lake, Sheboygan county.....	1,250
LaBelle Lake, Waukesha county.....	1,250
Lake Fowler, Waukesha county.....	1,350
Oconomowoc Lake, Waukesha county.....	600
Chain O'Lakes, Waupaca county.....	1,250
English Lake, Manitowoc county.....	1,250
Lake Emily, Portage county.....	1,250
Nashotah Lake, Waukesha county.....	600
Nagawicka Lake, Waukesha county.....	650
Lake Winnebago, estimated.....	1,446,000
Trout Lake, Vilas county.....	1,250
	<hr/>
	1,463,100

MUSKELLUNGE FRY PLANTED, 1905.

Where Planted.	No. of Fish.
Tomahawk Lake, Oneida county.....	25,000
Minocqua Lake, Oneida county.....	25,000
	<hr/>
	50,000

MISCELLANEOUS DISTRIBUTION, 1905.

Trout and other kinds furnished fairs, fountains and aquariums....	1,675
Rainbow trout eggs furnished Plymouth Rock Trout Co. in exchange for brook trout eggs.....	100,000
Lake trout eggs furnished Nebraska Fish Commission in exchange	150,000
Mature rainbow trout planted in Bad river, Ashland county.....	500
Mature rainbow trout planted in Cisco Lake, Michigan.....	525
Yellow perch planted in Lake Winnebago, estimated.....	723,880
	<hr/>
	976,580

Distribution of Fish.

DISTRIBUTION BY HATCHERIES, 1905.

MADISON HATCHERY.		
Brook trout fry.....	*1,047,000	
Rainbow trout fry.....	*678,500	
Furnished fountains, fairs and aquariums.....	1,000	
Sent Plymouth Rock Trout Co. in exchange rainbow trout eggs.....	100,000	
Total distribution, Madison Hatchery.....		1,926,500
BAYFIELD HATCHERY.		
Brook trout fry.....	*2,000,000	
Rainbow trout fry.....	*833,500	
Lake trout fry.....	13,019,000	
Whitefish fry.....	7,776,000	
Adult rainbow trout.....	1,025	
Lake trout eggs furnished Nebraska Fish Commission in exchange.....	150,000	
Furnished fairs, fountains, aquariums, etc.....	675	
Total distribution, Bayfield hatchery.....		23,780,200
OSHKOSH HATCHERY.		
Lake trout fry.....	5,784,000	
Whitefish fry.....	7,502,000	
Wall-eyed pike fry.....	38,450,000	
Total distribution, Oshkosh hatchery.....		51,736,000
MINOCQUA HATCHERY.		
Wall-eyed pike fry.....	38,350,000	
Muskellunge fry.....	50,000	
Black bass fry.....	317,500	
Total distribution, Minocqua hatchery.....		38,717,500
MISSISSIPPI RIVER SLOUGHS.		
Large-mouth black bass fingerlings.....		13,800
FOX RIVER AT NEENAH AND MENASHA.		
Black bass fingerlings.....	10,000	
Yellow perch.....	723,830	
White bass fingerlings.....	1,463,100	
Total distribution from Fox river.....		2,196,980
Grand total distribution from all sources.....		*118,370,980

*Includes fry retained at the hatchery.

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1906.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
ADAMS COUNTY—		
F. M. Canfield, Necedah.....	Rocharcis creek.....	2,500
F. M. Reed, Necedah.....	Easton creek.....	5,000
W. R. Ketchum, Portage.....	Little Neenah creek.....	5,000
E. H. Townsend, New Lisbon.....	White, Jacobson, and Schoonover creeks.....	10,000
Wm. Roembach, Plainville.....	Corning creek.....	7,500
		30,000
ASHLAND COUNTY—		
H. Hanson, Ashland.....	Fish creek.....	3,000
John Garvin, Ashland.....	Raspberry creek.....	6,000
E. M. Spargue, Mellen.....	Silver creek.....	3,000
M. A. Vought, Mellen.....	Head, Montreal creek.....	3,000
John Tobin, Mellen.....	Devil creek.....	3,000
A. Carmean, Mellen.....	Bad river.....	3,000
F. C. Cramer, Mellen.....	Devil creek.....	3,000
M. J. Collins, Mellen.....	Montreal creek.....	3,000
M. A. Nohl, Butternut.....	Rapid creek.....	3,000
L. Nohl, Ashland.....	Spring creek.....	3,000
Raymond Nohl, Ashland.....	Billy creek.....	3,000
Normon Nohl, Ashland.....	Sailor creek.....	3,000
Theo. Nohl, Ashland.....	Trout brook.....	6,000
H. A. Veeve, Mellen.....	Trib. Tyler forks.....	3,000
G. C. Kleine, Butternut.....	Spill creek.....	3,000
Ernest Zunke, Butternut.....	Pine creek.....	3,000
G. Kern, Glidden.....	East Fork of Chippewa river.....	6,000
Walter Sell, Glidden.....	Creek, no name, in Sec. 32, T. 43, R. 1, E.....	3,000
Henry Schroeder, Glidden.....	Magee creek.....	3,000
Dan Bouney, Glidden.....	Tyler creek.....	3,000
Otto Kaufman, Glidden.....	Head of East fork of Chippewa river.....	3,000
Mike Cary, Glidden.....	Augustine creek.....	3,000
Wm. Schafer, Glidden.....	Magee creek.....	3,000
Geo. Sell, Glidden.....	Gates creek.....	3,000
		81,000
BARRON COUNTY—		
A. J. Osborne, Barron.....	Miller creek.....	3,000
W. J. Gillette, Barron.....	Four Mile creek.....	3,000
T. W. Borum, Barron.....	Johnson creek.....	3,000
Geo. Post, Barron.....	Barber creek.....	3,000
Lewis Larson, Barron.....	Sand creek.....	6,000
R. E. Dimmick, Cumberland.....	Hay river.....	6,000
D. S. Wallace, Turtle Lake.....	Smith and Turtle creeks.....	6,000
S. A. Peterson, Rice Lake.....	Rock creek.....	6,000
C. B. Parmalee, Rice Lake.....	Rock creek.....	3,000
Mark Eaubanks, Rice Lake.....	Cobb creek.....	3,000
V. H. Paradise, Rice Lake.....	Miller creek.....	3,000
Geo. McLeod, Rice Lake.....	Silver creek.....	3,000
M. P. Barry, Rice Lake.....	Silver creek.....	3,000
		51,000
BAYFIELD COUNTY—		
D. J. Estabrook, Washburn.....	Bark creek.....	6,000
D. O. Lamoreaux, Washburn.....	Flag river.....	3,000
R. A. Herring, Washburn.....	Siskowit river.....	3,000
Wm. Olson, Washburn.....	Cranberry river.....	6,000
Geo. F. Fox, Washburn.....	Sioux river.....	6,000
W. D. Carson, Washburn.....	Sioux river.....	6,000
W. S. Cote, Ashland.....	Sand creek.....	6,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
BAYFIELD COUNTY—Continued.		
Louis G. Cramer, Ashland.....	Spring creek	6,000
Ed. Lee, Ashland	Maple creek	6,000
J. V. Freeman, Ashland.....	Buck creek	6,000
P. A. Porier, Ashland.....	Maple creek	6,000
S. K. Fitch, Sweden.....	Sweden creek	6,000
W. A. Parent, Cable.....	Nemacogin river	3,000
S. J. Bowen, Cable.....	Twin brooks	3,000
Harry Moore, Cable.....	Big brook	6,000
And. Swan, Cable	Tobyttick creek	3,000
Wm. Bixby, Cable.....	Trib. Nemacogin river	3,000
		81,000
BROWN COUNTY—		
F. N. Blaise, Green Bay.....	N. branch of Suamico river	5,000
R. F. Burdon, Green Bay.....	Suamico river and Trib....	5,000
		10,000
BUFFALO COUNTY—		
Geo. Kindschy, Montana.....	Dauser and Bull creeks	5,000
J. G. Doverspike, Alma	Gill creek	2,500
H. H. Liebenberg, Alma	Johns-valley creek.....	2,500
C. F. Kuhne, Alma	Brahme creek.....	2,500
C. Vonwold, Alma	Wolf Valley creek.....	2,500
K. Nelson, Tell	See Valley creek.....	2,500
H. H. Scott, Mondovi	Rock creek	5,000
A. J. Branstad, Mondovi	Cranberry and Coon creeks.	6,000
P. W. Urnes, Mondovi	Dutch and Wilson creeks ..	6,000
J. V. Leutscher, Mondovi	Hickee and Merrett creeks..	6,000
Dell Allen, Mondovi.....	Modence and Hanlon creeks	6,000
L. H. Howard, Mondovi.....	Hays Valley creek	3,000
A. D. Alt, Mondovi	Bennett Valley creek	3,000
		52,500
BURNETTE COUNTY—		
A. E. Shearer, Shell Lake	Montgomery creek	3,000
CALUMET COUNTY—		
Wm. Schildhauer, New Hosbeline....	Pine creek	6,000
CHIPPEWA COUNTY—		
F. C. Schneidecker, Bloomer.....	Duncan creek	3,000
Hans Dahl, Bloomer	Sand creek	3,000
And. Dietlien, Bloomer	West branch of O'Neil creek	3,000
Albert Anderson, Bloomer.....	Comoroy creek	3,000
W. E. Waugh, Bloomer.....	Crisman creek	3,000
L. L. Thayer, Bloomer	Gun and McCann creeks....	6,000
A. T. Newman, Bloomer	Sand creek	3,000
B. May, New Auburn.....	South branch Sand creek....	6,000
T. W. Peterson, New Auburn.....	Sand creek	6,000
H. G. Peterson, New Auburn.....	North branch Sand creek ..	3,000
Wm. Hanzlik, Chippewa Falls	Trout creek	3,000
F. W. Hanzlik, Chippewa Falls.....	Duncan creek	3,000
John Dixon, Chippewa Falls.....	Little May creek	3,000
Arthur Richardson, Chippewa Falls....	Little Beaver creek	3,000
D. S. Thompson, Chippewa Falls....	Stilson creek	3,000
S. B. Nimmons, Chippewa Falls.....	North branch Hay creek ..	3,000
		57,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
CLARK COUNTY—		
Geo. K. Redmond, Neillsville.....	Trout Mound creek	5,000
S. F. Joseph, Neillsville.....	Wedges and Monds creeks	5,000
Jerry Cross, Neillsville.....	Wedges creek	2,500
C. P. Sturdevant, Neillsville.....	West branch Wedges creek	2,500
Henry Meyers, Neillsville.....	Cawley creek	2,500
		17,500
COLUMBIA COUNTY—		
A. J. Klenert, Portage.....	Spring creek	5,000
J. F. Collin, Lodi.....	Spring creek and branches..	5,000
		10,000
CRAWFORD COUNTY—		
G. W. Heinika, Readstown.....	Harrison and Brady creeks	6,000
Geo. H. Davidson, Soldiers Grove....	Soldiers Grove, Bear, Knapp, Trout and Johnson creeks	30,000
C. H. Stenkard, Towerville.....	Towerville creek	6,000
		42,000
DANE COUNTY—		
Elias Waterman, Oregon	Badfish creek	5,000
E. D. Herring, Cross Plains.....	Head of Black Earth creek	5,000
E. S. Bennett, Belleville.....	Grand—Spring creek	5,000
Henry Ross, Belleville	Williams and Lyle creeks...	5,000
James Berg, Belleville	Gills creek	5,000
		25,000
DODGE COUNTY—		
Eugene Ziegler, Mayville.....	Koepsels creek	5,000
DOUGLAS COUNTY—		
S. B. Chaffey, Foxboro	Black river and Hay Mead- ow creek	6,000
H. J. Russell, Superior.....	Copper creek	6,000
F. D. Hamilton, Superior	Gooseberry creek	6,000
H. Metthugh, Superior.....	Big Balsam creek	6,000
B. F. Ellison, Superior.....	Little Balsam and State Line creeks	6,000
W. E. Pickering, Superior.....	Big Balsam creek	6,000
Lorenz Smith, Foxboro.....	Big Balsam	3,000
F. J. Seguin, Superior.....	Rock, Big Balsam creek, Little Balsam and State Line creeks.....	9,000
N. Lucius, Jr., Gordon.....	Ox creek and Brule river ..	12,000
F. J. Kenyon, Superior.....	Railton creek	6,000
Hy. Beglinger, Superior.....	Cranberry creek	6,000
H. Miller, Solon Springs	Mud creek	6,000
		84,000
DUNN COUNTY—		
Jno. M. Krogstrad, Eau Claire.....	West creek	5,000
O. L. Garlie, Rock Falls.....	Rock and Garlie creeks	5,000
John Kelley, Jr., Menomonie.....	Irving creek.....	3,000
W. J. Nott, Menomonie.....	Shafer creek	3,000
W. J. Wilson, Menomonie.....	Wilson creek	3,000
J. D. Waller, Menomonie.....	Hay creek	6,000
Geo. P. Cook, Menomonie.....	Hay creek	3,000
C. A. Clark, Menomonie.....	Lambs creek	6,000
		84,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
EAU CLAIRE COUNTY—		
Henry Wise, Fall Creek.....	Beaver and Fall creeks	6,000
T. P. Brueswitz, Fall Creek	Bear Grass creek	6,000
Wm. Swanke, Fall Creek	Bear Grass creek	3,000
E. M. Schultz, Fall Creek	Fall creek	3,000
W. L. Botsford, Altoona	Little Beaver creek.....	3,000
W. T. Duganne, Altoona.....	Nine-mile creek.....	3,000
Wm. Howker, Altoona.....	Six-mile creek.....	3,000
J. O. Enockson, Altoona.....	Seven-mile creek.....	3,000
Chas. Stiding, Altoona.....	Nine-mile creek.....	3,000
Marshall Cousins, Eau Claire.....	Otter and Elk creeks.....	9,000
A. A. Cutter, Eau Claire.....	Lowes, Nine-mile and Clear creeks	9,000
E. J. Middlestad, Eau Claire.....	Rock creek.....	3,000
Wm. Hoepfner, Eau Claire.....	Elk creek	3,000
W. E. Wahl, Eau Claire.....	Coon creek.....	3,000
		60,000
FOND DU LAC COUNTY—		
F. E. Miller, Fond du Lac.....	Camp-ground creek	2,500
S. B. Amory, Fond du Lac	Hamilton creek	2,500
T. H. O'Brien, Fond du Lac.....	Mulvey creek	2,500
F. J. Rueping, Fond du Lac.....	Camp-ground creek	2,500
F. S. Bullis, Fond du Lac	Parson creek	2,500
A. R. Hanson, Fond du Lac.....	Parson creek	2,500
Henry S. Miller, Fond du Lac.....	Parson creek	5,000
H. B. Born, Fond du Lac.....	Byron creek	2,500
W. J. Gillette, Rosendale.....	Bird creek	5,000
E. A. Tulledge, Oakfield	North branch Fond du Lac river	5,000
Ed. M. Cole, Ripon.....	Clark creek.....	5,000
Geo. Oyster, Ripon.....	Bacon creek	5,000
And. Hill, Ripon	Roy creek	2,500
F. J. Graham, Ripon.....	Soule creek	2,500
A. J. Zuth, Ripon.....	Snake creek	2,500
A. G. Little, Ripon.....	Wakefield creek	2,500
		52,500
FOREST COUNTY—		
John E. Anderson, North Crandon....	Middle branch Peshtigo river	6,000
Chas. Swanson, Laona.....	Trib. Rat river	6,000
Connor Lumber Co. and Land Co....	Spring creeks	24,000
		36,000
GRANT COUNTY—		
J. P. Heffner, Muscoda	Sand branch	2,500
H. D. Hood, Muscoda	Stootenburg branch	2,500
Otto Bock, Muscoda	Blue river	2,500
John Bock, Muscoda.....	Sand branch	2,500
C. L. Brown, Muscoda	Hungerford branch	5,000
C. M. Callahan, Muscoda	Stootenburg branch	2,500
Fred Booben, Fennimore	Coon branch	5,000
Robt. Draper, Lancaster	Borah branch	5,000
		27,000
GREEN LAKE COUNTY—		
Spencer Bowen, Auroraville.....	Willow creek	5,000
C. E. Wells, Auroraville.....	Willow creek	5,000
		10,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
IOWA COUNTY—		
A. Apple, Mineral Point.....	Asylum creek.....	5,000
Wm. Rock, Mineral Point.....	Rock branch.....	5,000
Thos. Graver, Mineral Point.....	Spring creek.....	5,000
J. M. Mulhair, Mineral Point.....	Mitchell creek.....	5,000
Wm. H. Motley, Mineral Point.....	Larson creek.....	5,000
Clas. Egan, Highland.....	Lide river.....	7,500
Carl T. Paulson, Hollandale.....	Willow springs.....	5,000
H. D. James, Dodgeville.....	Anderson creek.....	5,000
F. A. Meicall, Dodgeville.....	Flint creek.....	5,000
Nelson Lee, Dodgeville.....	Regan creek.....	2,500
H. F. Roberts, Dodgeville.....	Anderson creek.....	2,500
Geo. Parsons, Dodgeville.....	Parsons creek.....	2,500
W. E. Williams, Dodgeville.....	Otter and Parker creeks.....	5,000
T. J. Paynter, Dodgeville.....	Big spring creek.....	2,500
		62,500
IRON COUNTY—		
J. G. Moore, Plummer.....	Trout creek.....	6,000
J. B. Anderson, Upson.....	Norman and Deep creeks.....	6,000
		12,000
JACKSON COUNTY—		
Hans Amundson, Taylor.....	French and Pine creeks.....	6,000
Ben P. Lanning, Hixton.....	Pigeon creek.....	3,000
And. Napstad, Alma Center.....	East branch Pigeon creek.....	3,000
E. A. Miller, Hixton.....	N. and S. branches Trem- pealeau river and Tank ck.	9,000
Sam Bergseth, Taylor.....	S. Kutley creek.....	6,000
Jay Dudley, Alma Center.....	Staffon creek.....	3,000
C. E. Ringrose, Alma Center.....	Hall creek.....	3,000
F. Dudley, Alma Center.....	Amo creek.....	3,000
J. C. Halpin, Hixton.....	North branch.....	3,000
O. K. Herreid, Alma Center.....	North branch.....	3,000
A. L. Fisher, B. R. Falls.....	Counrod and Dunnigau creeks.....	6,000
F. W. Cole, Black River Falls.....	Allen and Snow creeks.....	6,000
Edw. Mills, Millston.....	Pigeon and Spring creeks.....	6,000
R. K. Frost, Millston.....	Robinson creek.....	6,000
G. M. Perry, Black River Falls.....	Allen creek.....	3,000
E. L. Ormsby, Black River Falls.....	Squaw creek.....	5,000
R. B. Jones, Black River Falls.....	Town creek.....	3,000
J. H. Mills, Black River Falls.....	Trout run.....	3,000
R. G. Mason, Black River Falls.....	Clear creek.....	6,000
		81,000
JEFFERSON COUNTY—		
K. L. Hatch, Waterloo.....	Stony brook.....	5,000
JUNEAU COUNTY—		
G. W. Merrill, Necedah.....	Little kochacris.....	2,500
F. Z. Kent, Strongs Prairie.....	Scoville creek.....	5,000
Wm. Flegel, Strongs Prairie.....	Severson creek.....	5,000
Jas. H. Spencer, Necedah.....	North creek.....	2,500
A. W. Christenson, Necedah.....	White creek.....	2,500
W. E. Elmore, Necedah.....	Bingham creek.....	2,500
J. A. Minet, New Lisbon.....	Upper Little Lemonweir river.....	10,000
C. A. Leicht, New Lisbon.....	Larson, Fountain and Ma- comber creeks.....	12,500
Geo. E. Eakins, Lyndon Station.....	Lyndon creek.....	5,000
G. F. Hayes, Lyndon Station.....	Kildare creek.....	2,500

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
JUNEAU COUNTY—Continued.		
Geo. Jirsa, Lyndon Station.....	Miller creek	2,500
A. C. Alexander, Elroy	Seymour creek	2,500
Ole Frestley, Elroy.....	Trippleville creek	2,500
D. J. McInerson, Elroy	Mile creek	2,500
J. H. Mutch, Elroy.....	Moore's creek	2,500
R. C. Horsner, Elroy	Seymour creek	2,500
Chas. C. Chase, Elroy.....	Brewer creek	2,500
J. H. Forbes, Elroy.....	Seymour creek	2,500
Thos. Searles, Elroy	Seymour creek	5,000
Ed. Wilcox, Elroy	Fowler creek	2,500
Thos. Sweeney, Elroy	Seymour creek	2,500
C. J. Phillips, Camp Douglas.....	Sevanette creek	6,000
Geo. M. Fronmader, Camp Douglas..	South branch of Bear creek	6,000
Wm. Altbauer, Camp Douglas.....	Lemonweir river	3,000
F. Altbauer, Camp Douglas.....	Holton creek	3,000
J. T. Eakins, Lyndon Station.....	Miller creek	5,000
		103,000
LA CROSSE COUNTY—		
Alex. Johnson, West Salem.....	McElDowny, Larson and Gills creeks.....	10,000
Wm. Smith, Bangor.....	Adams Valley and Burns creeks	5,000
R. O. Vaughn, Bangor.....	Fish and Big creeks	5,000
Roy Bowen, Bangor.....	Dutch creek.....	5,000
John Erickson, Rockland.....	Fish creek	5,000
A. Hirscheimer, La Crosse.....	Krall creek	7,500
J. J. Hogan, La Crosse.....	N. Branch Coon river.....	7,500
John Hatz, Bangor.....	Dutch creek.....	6,000
		51,000
LA FAYETTE COUNTY—		
T. J. Law, Shullsburg	Ames branch	5,000
L. A. Hazeltine, Argyle.....	Puddle-dock creek	5,000
H. D. Thomas, Blanchardville.....	McKenna and Steiner creeks	5,000
		15,000
LANGLADE COUNTY—		
B. Heineman Lumber Co., Antigo..	E. branch Eau Claire river	9,000
John Kaufman, Antigo	Red river and West branch of Wolf river	12,000
		21,000
LINCOLN COUNTY—		
Eugene Sembling, Merrill.....	Prairie river.....	5,000
W. I. Ainsworth, Merrill.....	Prairie river.....	10,000
Geo. A. Foster, Merrill.....	Prairie river.....	5,000
Hy. Dudley, Merrill.....	Prairie river.....	10,000
C. M. Johnson, Tomahawk.....	Haymeadow creek.....	5,000
Albert Guther, Tomahawk.....	Adams and Spring creeks... ..	5,000
W. T. Bingham, Tomahawk.....	Pine creek.....	5,000
Jno. Pospisiel, Heineman.....	Prairie river.....	5,000
Wm. Fehrman, Merrill.....	N. branch of Pine river.....	5,000
Orville Telyea, Heineman.....	Prairie river.....	5,000
C. L. Stephens, Heineman.....	Haymeadow creek.....	2,500
R. F. Hanover, Heineman.....	Prairie river.....	2,500

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
LINCOLN COUNTY—Continued.		
H. H. Heineman, Heineman.....	Haymeadow creek.....	2,500
D. K. Stephens, Heineman.....	Prairie river.....	2,500
Jno. C. Hogen, Irma.....	Little Pine creek.....	5,000
Ole. R. Horgen, Irma.....	Little Pine creek.....	5,000
		80,000
MANITOWOC COUNTY—		
F. K. Steinbrecher, Kaukauna.....	Devil river.....	5,000
MARATHON COUNTY—		
R. W. Pinder, Wausau.....	Four-mile creek.....	5,000
John Schwister, Wausau.....	Evergreen creek.....	5,000
A. R. Fehl, Wausau.....	Black creek.....	5,000
M. W. Weik, Wausau.....	Four-mile creek.....	5,000
F. E. Dalkie, Wausau.....	Karr creek.....	5,000
E. Underwood, Wausau.....	Moe creek.....	5,000
M. C. Thom, Wausau.....	Gummore creek.....	2,500
A. L. Dodge, Wausau.....	Black creek.....	2,500
D. C. Menefee, Wausau.....	Sand creek.....	2,500
John A. Noissaeux, Wausau.....	Plover river.....	2,500
Gosh Bros., Hatley.....	N. branch of West Plover river.....	6,000
A. Witerding, Hatley.....	Head of Plover river.....	6,000
Neal Brown, Wausau.....	Plover river.....	15,000
A. L. Kreutzer, Wausau.....	Plover river.....	15,000
J. A. Porter, Hatley.....	Plover river.....	6,000
Fred Prehn, Marathon City.....	Murr creek.....	6,000
		94,000
MARINETTE COUNTY—		
Harvey Englund, Pembine.....	Bomone creek.....	7,500
J. W. Henderson, Crivitz.....	Tuttle creek.....	10,000
E. H. Schwartz, Marinette.....	N. branch of Beaver river.....	12,500
B. Giessenass, Pound.....	S. branch of Beaver river.....	7,500
Jas. Brooks, Pound.....	Iron Spring creek.....	7,500
Ed. M. Slye, Pembine.....	Pembine creek.....	10,000
E. J. Baker, Marinette.....	Main Pike river.....	10,000
		65,000
MARQUETTE COUNTY—		
Paul Leigh, Neshkoro.....	Spring brook.....	5,000
B. S. Dunham, Neshkoro.....	Spring brook.....	5,000
		10,000
MONROE COUNTY—		
L. Brill, Tomah.....	Little Lemonweir river.....	2,500
Wm. Fieting, Tomah.....	O'Leary creek.....	5,000
H. C. Spaulding, Tomah.....	S. branch of Mud creek.....	2,500
W. E. Bartels, Tomah.....	Ull creek.....	2,500
Frank Drew, Tomah.....	Big Flora creek.....	2,500
W. E. Nuzum, Tomah.....	Little Flora creek.....	2,500
Geo. P. Stevens, Tomah.....	Silver creek.....	5,000
H. B. French, Wilton.....	Cold Springs.....	5,000
H. E. Smith, Wilton.....	Schroeder creek.....	5,000
H. S. Angle, Sparta.....	Little creek.....	2,500
Ed. S. Gray, Sparta.....	Angle creek.....	2,500
Paul Schaller, Sparta.....	Squaw creek.....	2,500
Fred Gross, Sparta.....	Beaver creek.....	5,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
MONROE COUNTY—Continued.		
L. J. Roberts, Sparta.....	Monroe creek	2,500
H. Enkhausen, Sparta.....	Ash Run	2,500
P. S. Mason, Sparta.....	Big creek	2,500
W. S. Bartlett, Sparta.....	Sargent creek	2,500
F. L. French, Sparta.....	Sargent creek	2,500
Geo. Yackel, Wilton.....	Hilbert creek	5,000
J. P. Andres, Norwalk.....	Moose creek	5,000
Saml. Sloggy, Ontario.....	Brush, Billings and Cook creeks	7,500
E. McGary, Norwalk.....	Spring Valley creek.....	5,000
John J. Schell, Norwalk.....	Brunner creek	5,000
C. W. Waffle, Kendalls.....	Lumsden creek	5,000
L. M. Earle, Cashton.....	Jersey and Meisner creeks..	6,000
J. M. Fremstad, Melvina.....	Burns creek	6,000
Herman Leis, Melvina.....	Cole creek	6,000
F. G. Warren, Warrens.....	Gillette creek and Little La Crosse river	6,000
		114,000
OCONTO COUNTY—		
John J. Hoff, Sobieski.....	Trib. Little Suamico river	5,000
Anderson and Co., Mountain.....	Hines and McCauly creeks..	9,000
Hiram Hodgins, Gillette.....	S. Branch Little river.....	6,000
W. F. Marr, Oconto Falls.....	Splinter creek	6,000
A. Baker, Lakewood	N.branch of Oconto river..	12,000
		38,000
PEPIN COUNTY—		
C. W. Schlumpf, Durand.....	Spring creek	5,000
Jas. Preston, Durand.....	Stanton creek	5,000
Mrs. Clark Hardy, Red Cedar.....	Sunny brook	5,000
Harry Owen, Durand.....	North branch	5,000
B. R. Tarrant, Durand.....	North branch of Bear creek	5,000
		25,000
PIERCE COUNTY—		
A. T. Herold, Maiden Rock.....	Isabelle creek.....	5,000
W. C. Owen, Maiden Rock.....	Pine creek	5,000
C. N. Freligh, Plum City.....	Plum creek	5,000
John J. Moses, Jr., Plum City.....	Plum creek	5,000
Chas. Hager, Bay City.....	Isabelle and Griscy creeks	5,000
Henry Albert, Maiden Rock.....	Pine and Davis creeks ...	5,000
Herbert Wood, Ellsworth.....	Cave creek	2,500
J. R. Adams, River Falls.....	Hornet creek	5,000
Geo. Gordon, Ellsworth.....	Trimbelle creek	2,500
Lewis Warren, Ellsworth.....	Trimbelle creek	2,500
G. W. Cornelison, Ellsworth.....	Trimbelle creek	2,500
C. F. Vance, Ellsworth.....	Isabelle creek	2,500
H. R. Huber, Ellsworth.....	Brush creek	2,500
W. F. Lush, Ellsworth.....	Trimbelle creek	2,500
Carl M. Fresse, Ellsworth.....	Rush river	2,500
A. D. Hoffman, Ellsworth.....	Spring brook	2,500
Wm. Walters, Ellsworth.....	Trib. to Trimbelle creek....	2,500
A. D. Kittle, Ellsworth.....	Lost creek	2,500
W. H. Thompson, River Falls.....	S. Fork of Kinnickinnic river	5,000
Rod. S. Williams, River Falls.....	Branch of Kinnickinnic river	5,000
R. W. Freeman, River Falls.....	Kinnickinnic river	2,500
C. R. Taggart, River Falls.....	E. branch of Kinnickinnic river	5,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
PIERCE COUNTY—Continued.		
F. V. Williams, River Falls.....	Kinnickinnic river	2,500
E. E. Ray, River Falls.....	Upper Rush river	2,500
Herman Peterson, River Falls.....	Prairie creek	5,000
W. J. Preston, Spring Valley	Cady creek	5,000
Frank Horn, Rock Elm	Cave creek	5,000
A. O. Belfanz, Rock Elm.....	Plum creek	5,000
W. C. Condit, Rock Elm	Little Missouri	5,000
		110,000
POLK COUNTY—		
John Howe, Amery.....	Beaver and Willow creeks..	6,000
PORTAGE COUNTY—		
O. G. Olson, Rosholt.....	N. branch Little Wolf river	6,000
N. J. Wolding, Rosholt.....	Little Wolf river.....	6,000
		12,000
PRICE COUNTY—		
F. H. Marheine, Clifford.....	Spring Brook.....	6,000
C. T. Bader, Kennan.....	Deer creek.....	6,000
N. S. Smith, Ogema.....	Otter Tail creeks.....	6,000
Patterson Bros., Fifield.....	Spring creek.....	6,000
G. W. Campbell, Park Falls.....	Rabbit creek.....	6,000
Wm. C. Miller, Park Falls.....	Rabbit creek.....	6,000
A. H. Wesenberg, Chelsea.....	Black river.....	6,000
W. H. Douglas, Prentice.....	Mondo creek.....	6,000
		48,000
RACINE COUNTY—		
Albert Huse, Burlington.....	Honey, and Sugar creeks and White river.....	7,500
RICHLAND COUNTY—		
Geo. A. Carswell, Lone Rock.....	Bear creek.....	7,500
Chas. Kosa, Yuba.....	Melancthon creek.....	5,000
		12,500
RUSK COUNTY—		
Arpin Hardwood Lumber Co., Atlanta	Devil and Weirgor creeks..	6,000
W. T. Rooney, Ladysmith	Johnson creek	3,000
C. A. Huffman, Ladysmith.....	Meadow creek	3,000
Jas. Speich, Ladysmith.....	Josie creek	3,000
W. L. Stephenson, Ladysmith.....	Spring creek	3,000
W. W. Hill, Ladysmith.....	Hav creek	3,000
F. E. Munroe, Ladysmith.....	Devil creek	3,000
Fred Marty, Ladysmith.....	Spring creek	3,000
L. A. Knudson, Atlanta.....	Little and Btg Weirgor creeks	6,000
O. G. Briggs, Bruce.....	Elder creek	6,000
H. W. True, Glen Flora.....	Main Skinner creek	6,000
B. A. Gruntsch, Ingraham.....	Middle branch of Main creek	6,000
F. Hess, Weyerhauser.....	McDermot creek	3,000
T. H. Apper, Weyerhauser.....	Ten Mile creek	3,000
A. H. Skoystad, Weyerhauser.....	Trib. Soft-maple creek.....	3,000
B. M. Apper, Weyerhauser.....	Trib. Soft-maple creek.....	3,000
		68,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
ST. CROIX COUNTY—		
J. K. Crawford, Boardman.....	Ten-mile creek.....	6,000
F. P. Davis, Boardman.....	Ten-mile creek.....	6,000
Jas. Smith, Boardman.....	Willow River.....	6,000
S. S. Holmes, Baldwin.....	Kinnickinnic river.....	6,000
P. E. De Mille, Baldwin.....	Wood Springs.....	6,000
J. O. Wilford, Baldwin.....	Key's creek.....	3,000
J. A. Vincent, Roberts.....	Kinnickinnic river.....	6,000
A. E. Hoefler, Roberts.....	Kinnickinnic river.....	6,000
Gilbert Bowen, Wilson.....	Gilbert creek.....	6,000
Geo. W. Wright, Hammond.....	Kinnickinnic river.....	6,000
E. W. Helms, Hudson.....	Willow river.....	3,000
H. A. Mellon, Hudson.....	Willow river.....	3,000
E. A. Harding, Hudson.....	Willow river.....	3,000
H. J. Penfield, Hudson.....	Green's Race.....	3,000
Jos. Yoerg, Hudson.....	Willow river.....	3,000
J. E. Jones, Hudson.....	Willow river.....	3,000
B. C. Bunker, Hudson.....	Willow river.....	3,000
J. J. Carr, Hudson.....	Ten-mile creek.....	3,000
Phillip Samutson, Hudson.....	Willow river.....	3,000
		84,000
SAUK COUNTY—		
Wm. H. Bell, Delton.....	Spaulding creek.....	5,000
B. D. Sherwood, Spring Green.....	Jones and Spring creeks...	5,000
Jos. Lambmeyer, Plain.....	Sugar Grove creek.....	5,000
H. H. Hatch, Spring Green.....	Trib. Wyoming creek.....	5,000
Henry Hudson, Spring Green.....	Trib. Wyoming creek.....	2,500
S. J. Hood, Baraboo.....	Prentice creek.....	5,000
E. G. Mariott, Baraboo.....	Leach creek.....	5,000
H. G. Clizbe, Reedsburg.....	Twin and Brown creeks.....	5,000
E. L. Farnsworth, Baraboo.....	Pine and Helm creeks.....	5,000
J. E. English, Baraboo.....	Conkle creek.....	5,000
Jos. Johnson, Baraboo.....	Pine creek.....	5,000
		52,500
SAWYER COUNTY—		
Wm. Biegler, Hayward.....	Mc Dermott creek.....	6,000
SHAWANO COUNTY—		
Jos. Wenterwert, Bonduel.....	Bonduel creek.....	6,000
SHEBOYGAN COUNTY—		
Geo. L. Nohl, Plymouth.....	Prange creek.....	2,500
Fred. Mals, Plymouth.....	Sheboygan creek.....	2,500
C. H. Schultz, Plymouth.....	Happelln creek.....	2,500
Carl Frevert, Johnsonville.....	Lender's creek.....	2,500
Hy. Gruebner, Sheboygan.....	N. Branch Milwaukee river	5,000
R. G. Arnold, Glenbeulah.....	Otter Pond.....	5,000
Chas. G. Peck, Sheboygan.....	Johnsonville creek.....	10,000
Hy. Gruebner, Sheboygan.....	Mæme creek.....	7,500
		37,500
TAYLOR COUNTY—		
C. W. Jacobs, Medford.....	Cedar creek.....	6,000
E. D. Simerson, Medford.....	Mink creek.....	6,000
W. D. Hoare, Medford.....	Nigger creek.....	6,000
		18,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
TREMPEALEAU COUNTY—		
J. J. Jenson, Galesville.....	French, Beaver and Silver creeks	7,500
B. W. Davis, Galesville.....	Maars, Corrigan and Hardies creeks	7,500
E. R. Johnson, Centerville.....	Main Tamarac creek.....	5,000
J. A. Kellman, Galesville.....	Maars and Silver creeks....	5,000
N. E. Bersing, Eleva.....	Trib. Beef river.....	5,000
Ole Halverson, Eleva.....	Trib. Beef river.....	5,000
Carl Olson, Osseo.....	King Valley creek.....	5,000
A. H. Brandon, Osseo.....	S. Fork Beef river.....	5,000
L. M. Ekern, Whitehall.....	Thompson creek.....	6,000
E. A. Kersting, Arcadia.....	Riley and Beaver creeks....	6,000
J. S. Muir, Arcadia.....	Thompson Valley creek and Am. Valley creek.....	6,000
F. Kyle, Independence.....	Chimney rock.....	6,000
A. Carthus, Independence.....	Travers-valley creek.....	3,000
H. A. Fremstad, Pigeon Falls.....	Fuller and Moe Coulees....	6,000
J. C. Muir, Arcadia.....	American Valley creek.....	3,000
Dr. E. D. Pierce, Arcadia.....	Montana creek.....	3,000
F. R. Paine, Arcadia.....	Riley creek.....	3,000
P. L. Salberg, Whitehall.....	Elk creek.....	6,000
John Beck, Whitehall.....	Fly creek.....	3,000
Robt. Ashton, Arcadia.....	Davis creek.....	6,000
A. T. Taken, Blair.....	Vossee Coulee.....	6,000
		108,000
VERNON COUNTY—		
Hans Neparude, Coon Valley.....	Spring Valley creek.....	5,000
L. N. Johnson, Coon Valley.....	Johnson creek.....	2,500
J. A. Mills, Coon Valley.....	Dahleris creek.....	2,500
A. H. Nelson, Coon Valley.....	Coon creek.....	2,500
P. J. Hange, Westby.....	Timber creek.....	3,000
H. A. Nerison, Westby.....	Spring-coulee creek.....	3,000
J. K. Schreiner, Westby.....	Trib. West Kickapoo river..	3,000
Olef Peterson, Westby.....	West branch Kickapoo river	3,000
L. Neparude, Westby.....	Sease branch.....	3,000
E. A. Lins, Westby.....	Trib. Spring Valley creek..	3,000
K. B. Smith, Viroqua.....	Bishop branch.....	9,000
D. A. Clark, Viroqua.....	Bishop branch.....	9,000
Henry Linke, Hillsboro.....	Tribs. West Branch Baraboo river	6,000
E. B. Harkin, Hillsboro.....	Hofeldt and Knowles creeks	9,000
Robt. Hammer, Hillsboro.....	Head of West branch, Baraboo river.....	9,000
		72,500
VILAS COUNTY—		
J. W. Landt, Star Lake.....	Partridge creek.....	2,500
H. E. Salsich, Star Lake.....	Camp 13, creek.....	5,000
T. J. St. Louis, Star Lake.....	Head of Manitowish river..	2,500
Geo. Jewell, Star Lake.....	Manitowish creeks.....	2,500
Herman Pape, Star Lake.....	Hunter creek.....	2,500
Fred M. Stearns, Star Lake.....	Star Lake creek.....	2,500
H. C. Simonds, Star Lake.....	Garland creek.....	2,500
B. J. Vaughn, Star Lake.....	Hunter creek.....	2,500
Chas. Law, Jr., Star Lake.....	Rice Lake creek.....	2,500
J. A. McDonald, Star Lake.....	Garland creek.....	2,500
B. F. Wilson, Star Lake.....	Pickeral creek.....	2,500
Wm. E. Kels, Star Lake.....	Manitowish creek.....	2,500
Edward Parker, Star Lake.....	Garland creek.....	2,500
Tom. Olson, Star Lake.....	Johnson creek.....	2,500
Jas. H. Martin, Arbor Vitae.....	Martin creek.....	5,000
S. B. Bissell, Arbor Vitae.....	Martin creek.....	7,500
P. J. Reis, Arbor Vitae.....	Cedar creek.....	5,000

Distribution of Fish.

BROOK TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
VILAS COUNTY—Continued.		
Jas. Burns, Eagle River.....	Spring creek.....	6,000
E. A. Everett, Eagle River.....	Eagle Waters.....	12,000
John Lundegast, Eagle River.....	Rice creek.....	6,000
R. D. McLeod, Eagle River.....	Clear creek.....	6,000
		85,000
WALWORTH COUNTY—		
J. A. Collin, Delavan.....	Spring brook.....	5,000
WASHBURN COUNTY—		
Peter Dirker, Shell Lake.....	Clam creeks.....	3,000
W. B. Hanson, Shell Lake.....	Beaver creek.....	3,000
A. B. Clobeth, Shell Lake.....	Banshan creek.....	3,000
Dr. I. G. Crowell, Shell Lake.....	Sawyer creek.....	3,000
Barney, Mullin, Shell Lake.....	Heart creek.....	3,000
F. A. Lovell, Shell Lake.....	Gould creek.....	3,000
W. B. Hanson, Shell Lake.....	Beaver creek.....	3,000
M. J. Carey, Shell Lake.....	Montgomery creek.....	3,000
W. H. Granger, Minong.....	Kimball creek.....	6,000
A. J. Hanson, Minong.....	Five-mile creek.....	6,000
P. S. Olson, Minong.....	Cedar creek.....	6,900
		42,000
WASHINGTON COUNTY—		
F. L. Lecount, Hartford.....	Schoenkes creek.....	5,000
Mat. Bruhy, Kewaunewau.....	Minnow creek.....	5,000
		10,000
WAUKESHA COUNTY—		
H. Husten, Eagle.....	Hustens springs.....	5,000
Wm. H. Tuohy, Eagle.....	Long creek.....	7,500
Morgan James, Dousman.....	Scupnaw river.....	5,000
		17,500
WAUPACA COUNTY—		
J. E. Phillips, Iola.....	Iola creek.....	6,000
WAUSHARA COUNTY—		
E. J. Hughes, Wild Rose.....	Hughes creek.....	5,000
Otto Bartel, Wautoma.....	Pine river.....	2,500
Leo. Litz, Wautoma.....	Little Lunch creek.....	2,500
Chas. Byse, Wautoma.....	Bird creek.....	2,500
W. H. Berray, Wautoma.....	Soules creek.....	2,500
H. M. Younglove, Wautoma.....	Lunch creek.....	2,500
R. E. Ades, Wautoma.....	Hoxie creek.....	2,500
H. M. Anderson, Wautoma.....	Bird creek.....	2,500
E. L. Benjamin, Wautoma.....	Alder and Poplar creeks.....	5,000
C. O. Bendixen, Wautoma.....	Soule creek.....	2,500
C. E. Michaels, Wautoma.....	Soule creek.....	5,000
Geo. Peterson, Saxville.....	Pine river.....	5,000
J. V. Berens, Wild Rose.....	Pine river.....	5,000
		45,000
WOOD COUNTY—		
L. M. Nash, Centralia.....	Chester creek.....	2,500
C. G. Pomainville, Grand Rapids.....	Two-mile creek.....	2,500
F. A. Stamm, Grand Rapids.....	Two-mile creek.....	2,500
F. P. Daly, Grand Rapids.....	Seven-mile creek.....	2,500
Geo. W. Baker, Sr., Grand Rapids.....	Two-mile creek.....	5,000
B. F. Haskins, Centralia.....	Two-mile creek.....	5,000
D. B. Philleo, Grand Rapids.....	Seven-mile creek.....	5,000
C. R. Goldsworthy, Vesper.....	Hemlock creek.....	5,000
		30,000
Total brook trout fry planted, 1906		2,442,500

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1906.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
ASHLAND COUNTY—		
Paul Heinske, Butternut.....	Spille creek	1,500
Ed. Meyers, Butternut.....	Spille creek	1,500
E. G. McNulty, Ashland.....	Butternut creek	1,500
Wm. Lindmeyer, Ashland.....	Butternut creek	1,500
Paul Zoesch, Ashland.....	Butternut creek	1,500
Theo. W. G. Nohl, Ashland.....	Yankee creek	1,500
Norman Nohl, Ashland.....	Munson creek	1,500
Raymond Nohl, Ashland.....	Trout brook	1,500
L. Nohl, Ashland.....	Nohl creek	1,500
E. B. Gordon, Glidden.....	Creek in Secs. 23-29, T. 43, R. 2 W.	6,000
M. A. Nohl, Ashland	Roth creek	1,500
John Wood, Glidden	Creeks in Secs. 2 and 10, T. 43, R. 2 W.	3,000
Andy Wood, Glidden.....	Creeks in Secs. 4 and 8, T. 42, R. 2 W.	3,000
L. E. Gordon, Glidden.....	Creek in Secs. 19 and 20, T. 43, R. 2, W.	3,000
E. M. Gordon, Glidden.....	Creek in Secs. 23 and 27, T. 43, R. 2, W.	3,000
J. A. Vought, Mellen.....	Devil creek	3,000
C. P. Peck, Mellen.....	Tylers creek	3,000
Theo. Nohl, Ashland.....	Keystone, Fish, Pine and Moquah creeks	25,000
H. B. Warner, Ashland.....	Cody creek	10,000
		74,000
BARRON COUNTY—		
R. E. Dimick, Almena.....	Hay river	10,000
A. H. Miller, Cumberland.....	Yellow and Miller creeks ..	10,000
A. G. Butterfield, Dallas.....	North Pine creek	5,000
K. Espeseth, Dallas.....	North Sioux creek	5,000
E. A. Pelton, Dallas.....	Corwin creek	2,500
Oscar Anderson, Dallas.....	North Pine creek	2,500
Frank Dorev, Dallas.....	South Pine creek	2,500
A. A. Haffie, Dallas.....	Ten-mile creek	5,000
C. A. Stark, Rice Lake.....	Big Bear creek	5,000
W. Overby, Rice Lake.....	Big Springs	5,000
Ed. Field, Rice Lake.....	Little Bear creek	5,000
J. C. Rowland, Rice Lake.....	Miller creek	5,000
T. W. Borum, Barron.....	Mill creek	5,000
D. D. Page, Barron.....	Miller creek	5,000
Geo. Post, Barron.....	Miller creek	5,000
W. H. Brandt, Barron	Hay river	5,000
		82,500
BAYFIELD COUNTY—		
Albert Nemece, Cable.....	Garrison creek	7,500
A. B. Crandall, Cable.....	Big Brook	7,500
John Garvin, Ashland	Marengo creek	10,000
W. S. Cate, Ashland	Potato river	10,000
A. R. Meade, Iron River.....	Muskego river	5,000
Gordon Young, Iron River.....	Pair lake	5,000
W. S. Wolcot, Port Wing.....	Flag river	5,000
A. H. Miles, Iron River.....	Middle river	5,000
J. Schacto, Iron River.....	East branch of Iron river.....	5,000
H. O. Lund, Iron River.....	Hill creek	5,000
Geo. S. Barnes, Annita.....	Eau Claire river	5,000
		70,000

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
BROWN COUNTY—		
R. F. Burdon, Green Bay	Tribs. Suamico river	6,000
R. F. Burdon, Green Bay	Suamico river and Tribs...	7,500
		13,500
BRUNETT COUNTY—		
L. R. Roberts, Grantsburg	Hay river	4,500
A. M. Anderson, Grantsburg	Hay river	6,000
J. E. Burgan, Grantsburg	Hay river	4,500
Bert. Hickerson, Grantsburg	Wood river	6,000
N. Hickerson, Grantsburg	Wood river	6,000
		27,000
CALUMET COUNTY—		
Wilmer E. Bishop, Hilbert	Cold Spring creek	3,000
CHIPPEWA COUNTY—		
Joe. Dietrich, Cadott	Pain creek	1,500
Mat. Dietrich, Cadott	Pain creek	1,500
Otto Ammundson, Cadott	Big Drywood creek	1,500
S. R. Kaiser, Cadott	Paint creek	3,000
C. F. Miller, Cadott	Drywood creek	1,500
Wm. T. Gilbert, Cadott	Drywood creek	3,000
Martin Irwin, Keystone	Babs and Coon creeks	5,000
Roy Cleaves, Holcombe	Hay creek	5,000
H. M. Trankle, Bloomer	Duncan creek	7,500
F. C. Scheidecker, Bloomer	McCann creek	7,500
		37,000
CLARK COUNTY—		
C. P. Sturdevant, Neillsville	East branch of Wages creek	3,000
Hugh Barret, Neillsville	Hay creek	3,000
		6,000
COLUMBIA COUNTY—		
Levi Hutchinson, Poynette	Rocky Run	3,000
D. L. Floore, Columbus	Jennings creek	3,000
Chas. Caldwell, Rio	S. Fork of Duck creek and Rocky Run	3,000
J. M. Bushnell, Wyocena	S. Branch Duck creek	3,000
Dan Bentley, Wyocena	Rocky Run	3,000
		15,000
CRAWFORD COUNTY—		
Geo. H. Davidson, Soldiers Grove...	Kickapoo river and branches Conway, Fairwater and Brodrick creeks	15,000
C. H. Stenkard, Townerville		4,500
		19,500
DANE COUNTY—		
E. D. Herring, Cross Plains	Head of Black Earth creek	3,000
Jas. Berg, Belleville	Six-spring creek	3,000
E. S. Bennett, Belleville	Stock farm creek	3,000
		9,000
DODGE COUNTY—		
Geo. M. Bagley, Neosho	Rubicon river and Mill pond	3,000
J. V. Northrup, Waupun	Rock river	3,000
		6,000

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
DOUGLAS COUNTY—		
C. M. Gillette, Superior	Dallton creek	10,000
N. Lucius, Solon Springs	Ox Creek and Brule river..	15,000
C. E. Solberg, Brule.....	Bill creek	7,500
W. T. Mount, Brule	Rocky run	10,000
John A. Lansworth, Brule	Stone brook	7,500
		50,000
DUNN COUNTY—		
J. H. Scrittmeier, Colfax	Eighteen-mile creek	3,000
Oscar Anderson, Colfax	Mill pond	3,000
		6,000
EAU CLAIRE COUNTY—		
H. J. Swanke, Fall Creek	Beaver creek	3,000
S. A. Russell, Fall Creek	Beaver creek	3,000
Ed. Manier, Fall Creek	Fall creek	3,000
Chas. Stiding, Altoona	Nine-mile creek	1,500
J. O. Enockson, Altoona	Otter creek	1,500
Wm. Howker, Altoona	Six-mile creek	5,000
W. T. Duganne, Altoona	Little Beaver creek	3,000
J. A. Kittsman, Eau Claire	Otter creek	3,000
Wm. Whiteside, Eau Claire.....	Beaver creek	3,000
J. E. Davy, Eau Claire	Rock river	3,000
		27,000
FLORENCE COUNTY—		
Mrs. C. R. Hanson, Florence	Keys and Loon lakes	4,500
Martin Runquist, Florence	Keys and Loon lakes	4,500
C. R. Hanson, Florence	Keys and Loon lakes	4,500
H. P. Chambers, Florence	Page and Allen creeks and Pine river	6,500
		19,500
FOREST COUNTY—		
M. Feser, Green Bay.....	Lakes Eight and Nine.....	20,000
John E. Anderson, North Crandon..	Middle branch of Pestigol river	7,500
W. E. Fairfield, Green Bay	Armstrong creek and branches	12,500
		40,000
GRANT COUNTY—		
Robt. Draper, Lancaster	Borah branch	3,000
Dave Johnston, Lancaster	Decker branch	3,000
Otto Bock, Muscoda	Blue river	1,500
John Bock, Muscoda	Sand branch	1,500
J. P. Heffner, Muscoda	Sand branch	1,500
Chas. L. Brown, Muscoda	Hungerford creek	1,500
C. M. Callahan, Muscoda.....	Stootenberg branch	1,500
H. D. Hood, Muscoda	Stootenberg branch	1,500
		15,000
GREEN COUNTY—		
Fred Ties, Brodhead	Sugar river and tributaries	6,000
GREEN LAKE COUNTY—		
Thos. W. Harrington, Berlin.....	Harrington creek	4,500
IOWA COUNTY—		
Chas. Egan, Highland	Blue river and Six-mile creek	6,000
J. M. Mulhairn, Mineral Point.....	Mitchell and Spensley creeks	3,000
Thomas Graber, Mineral Point.....	Pecatonica river	3,000

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
IOWA COUNTY—Continued.		
Wm. Hock, Mineral Point.....	Rock branch	3,000
A. Apple, Mineral Point.....	Spensley creek and Peca- tonica river	3,000
		18,000
IRON COUNTY—		
F. E. Wheeler, Upson	Potato river	3,000
Fred Grant, Saxon	Potato river	12,500
J. C. Eaver, Pence	Montreal river	12,500
		28,000
JACKSON COUNTY—		
Wm. Smothers, Millston	Wyman creek	3,000
Al. Fisher, Black River Falls.....	Papoose creek	3,000
J. C. Pollack, Black River Falls....	Allen creek	3,000
A. N. Larkin, Black River Falls.....	Squaw creek	3,000
Ira Bowman, Black River Falls.....	Pine creek	3,000
F. W. Cole, Black River Falls	Snow creek	3,000
		18,000
JEFFERSON COUNTY—		
Wm. Yeo, Palmyra	Oakhill creek	6,000
JUNEAU COUNTY—		
S. P. Galvin, Mauston	Brewer creek	3,000
J. H. Mutch, Elroy	Head of Baraboo river	3,000
Alex. McCofuly, Mauston	Mile creek	3,000
J. N. Forbes, Elroy	Seymour creek	3,000
Carl O. Vogel, Elroy	N. branch of Baraboo river	3,000
John Garvin, Elroy	Mile and Brewer creeks	3,000
L. E. Gleason, Camp Douglas	Little Lemonweir river	3,000
C. J. Phillips, Camp Douglas.....	Little Lemonweir river	3,000
C. A. Leicht, New Lisbon	Little Lemonweir river	9,000
F. M. Reed, Necedah	North creek	6,000
		39,000
LA CROSSE COUNTY—		
F. M. Sisson, Mindora	Brown and Bell Coulees....	3,000
T. J. Hogan, La Crosse.....	North branch of Coon creek	3,000
A. Hirschheimer, La Crosse	Krall creek	3,000
		9,000
LA FAYETTE COUNTY—		
H. D. Thomas, Blanchardville	Lee, Yankee, Hollow and Gordon creeks	6,000
LANGLADE COUNTY—		
M. Quinlan, Antigo	Tributary of Eau Claire river	7,500
B. Heineman Lbr. Co., Antigo	Pine river	6,000
Robt. Mathieson, Elcho	Enterprise lake	6,000
		19,500
LINCOLN COUNTY—		
Thos. C. Olson, Merrill	Prairie river	3,000
F. R. Doering, Doering	North branch of Pine river	3,000
C. N. Johnson, Merrill	Pine river	3,000
Julius Thielman, Merrill	Pine river	3,000
Eugene Sembling, Merrill	Pine river	3,000
Geo. A. Foster, Merrill	North branch of Prairie river	3,000
Jos. Yanda, Jr., Otis	Prairie river	1,500
C. K. Staab, Heineman	Prairie river	1,500

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
LINCOLN COUNTY—Continued.		
D. K. Stephens, Heineman	Prairie river	1,500
H. H. Heineman, Heineman	Hay-meadow creek	1,500
R. F. Hanover, Heineman	Prairie river	1,500
C. L. Stephens, Heineman	Hay-meadow creek	1,500
O. Telyea, Heineman	Myrtle lake	1,500
Jno. Pospisiel, Heineman	Prairie river	1,500
		30,000
MANITOWOC COUNTY—		
John Brill, So. Kaukanna.....	Crystal brook	3,000
Anton E. Rief, Whitelaw	Branch river	4,500
		7,500
MARATHON COUNTY—		
J. E. Malsan, Wausau	Little Eaupleine river	1,500
Louis Martin, Wausau	Little Eaupleine river	1,500
W. R. Fogarty, Wausau	Little Eaupleine river	3,500
Frank Chase, Wausau	Trappe river	3,000
E. D. Underwood, Wausau	Little Eaupleine river	3,000
Jno. A. Noiseau, Wausau	Little Eaupleine river	3,000
Chas. F. Beck, Wausau	Trappe river	1,500
J. G. Wolf, Wausau	Trappe river	1,500
D. C. Menefee, Wausau	Trappe river	1,500
A. L. Dodge, Wausau	Trappe river	1,500
M. C. Thorn, Wausau	Trappe river	1,500
Otto Schoenberr, Marathon City.....	Kennedy creek	3,000
O. J. Healdron, Galloway	Little Wolf river	4,500
C. Holtzhausen, Colby	Dill and Dake creeks	3,000
		33,500
MARINETTE COUNTY—		
Fred W. Baker, Marinette	S. branch of Beaver creek..	7,500
A. U. Bean, Crivitz	Inlets to Noquebay lake...	7,000
I. W. Stephenson, Marinette	Lower Thunder river and tributaries and Peshtigo river	15,000
E. J. Baker, Marinette	Pike river	15,000
Fred Kniskern, Middle Inlet	Middle Inlet.....	6,000
B. Daily, Amberg	Mescano creek	6,000
Jos. Cota, Marek	Mescano creek	3,000
I. P. Dupleine, Marinette	Brandywine creek, Little Eagle river and North branch of Thunder river..	15,000
John Striffler, Marinette	Medicine and Gravelly creeks, and Eagle river	15,000
E. W. Le Roy and Others, Marinette	N. and S. branches Thunder river and Handsaw creek.	82,500
B. Daily, Amberg	Pike river and tributaries..	37,500
Harvey Englund, Pembine	Pomobomonie creek, and tributaries of N. branch of Pembine creek	22,500
		232,500
MARQUETTE COUNTY—		
W. J. Ogle, Oxford	Campbell creek	3,000
W. J. Ogle, Oxford	Smith creek	1,500
Henry Ward, Oxford.....	Richards creek	1,500
John Keach, Oxford	Middle Neenah creek	1,500
		7,500

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
MONROE COUNTY—		
W. J. McCanne, Sparta	Beaver creek	3,000
M. A. Stelleck, Sparta	Little La Crosse river	3,000
Geo. Yackel, Wilton	Hilbert and Sinks creeks ..	3,000
Saml. Sloggy, Ontario	Brush, Cook and Billings creeks	4,500
J. P. Andres, Norwalk	Moose creek	3,000
Simon Viregge, Norwalk	Tributary of Kickapoo river ..	3,000
Oscar Peterson, Melvina	Coles, Hall and Main creeks ..	4,500
		24,000
OCONTO COUNTY—		
John J. Hof, Sobieski	Chase creek and Trib. Lit- tle Suamico river	6,000
H. M. Baldwin, Mountain	Hein creek	7,500
Herman Dick, Suring	Pecor and Hays creeks	6,000
Anderson and Co., Mountain.....	Oconto and Waupaca rivers ..	7,500
		27,000
OZAUKEE COUNTY—		
P. L. Pierron, Port Washington.....	Sauk creek.....	3,000
L. L. Pierron, Cedar Grove.....	Mud creek.....	3,000
		6,000
PIERCE COUNTY—		
W. H. Fiedler, Spring Valley.....	French creek.....	3,000
T. J. Rostad, Spring Valley.....	French creek.....	3,000
Lewis Warren, Ellsworth.....	Trinbelle creek.....	1,500
W. F. Lush, Ellsworth.....	Triabelle creek.....	1,500
A. D. Hoffman, Ellsworth.....	Spring brook.....	1,500
A. D. Kille, Ellsworth.....	Lost creek.....	1,500
W. W. Walsingham, Ellsworth.....	Lost creek.....	1,500
F. D. Lord, Ellsworth.....	Brush creek.....	3,000
J. L. Faber, Ellsworth.....	Trimbelee creek.....	1,500
J. L. Beddall, Ellsworth.....	Trib. Trimbelle creek.....	1,500
W. S. Colburn, Ellsworth.....	Trimbelee creek.....	1,500
A. Combacher, Ellsworth.....	Rush river.....	1,500
Christ Owens, Martell.....	Prairie creek.....	1,500
H. O. Fosmo, Martell.....	Big Coulee creek.....	1,500
A. H. Anderson, Martell.....	Bjornson creek.....	1,500
Theo. Wenum, Martell.....	Iveson creek.....	1,500
J. N. Stowell, Martell.....	Upper Rush river.....	1,500
H. W. Thompson, River Falls.....	Tributaries to Kinnickinnic river	12,000
		42,000
POLK COUNTY—		
J. A. Young, Amery.....	Beaver creek.....	5,000
PORTAGE COUNTY—		
Lewis Williams, Amherst.....	Rollefsen creek.....	1,500
O. F. Meyer, Rosholt.....	S. branch Little Wolf river ..	4,500
C. H. King, Amherst.....	Ross creek.....	1,500
M. S. Murat, Amherst.....	Peterson creek.....	1,500
O. J. Ben, Amherst.....	South west-branch.....	1,500
Benj. Flemming, Amherst.....	Waupaca river.....	1,500
M. A. Flemming, Amherst.....	Waupaca river.....	1,500
L. J. Olson, Scandinavia.....	Spring creek.....	3,000
John Sukazewig, Stevens Point.....	Little Plover river.....	3,000
E. Virtol, Stevens Point.....	Big Plover river.....	3,000
T. A. Humphrey, Stevens Point.....	Little Plover river.....	3,000
		25,500

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
PRICE COUNTY—		
W. H. Douglas, Prentice.....	Tributaries of Mondo creek	3,000
C. A. Lovell, Phillips.....	Keeley creek.....	3,000
M. Christianson, Phillips.....	Cramer creek.....	3,000
H. R. Soulen, Phillips.....	Big Elk creek.....	3,000
E. V. Covey, Phillips.....	Little Elk creek.....	3,000
T. K. Randall, Phillips.....	Hay creek.....	3,000
		18,000
RICHLAND COUNTY—		
Geo. A. Carswell, Lone Rock.....	Bear creek.....	3,000
RUSK COUNTY—		
H. W. Truett, Glen Flora.....	Main Skinner creek.....	7,500
Butler Gunseth, Ingram.....	Middle branch of Main creek	7,500
J. Hein Co., Tony.....	Deer-tail creek.....	5,000
Geo. Appleton, Weyerhauser.....	Soft-maple creek.....	5,000
E. Hess, Weyerhauser.....	Soft-maple creek.....	5,000
Fred Marty, Ladysmith.....	Lake Stephenson.....	2,500
F. E. Munroe, Ladysmith.....	Little Thornapple river.....	2,500
E. W. Hill, Ladysmith.....	Wirgor creek.....	2,500
D. W. Stephenson, Ladysmith.....	Little Thornapple river.....	2,500
W. T. Rooney, Ladysmith.....	Deer-tail creek.....	2,500
		42,500
ST CROIX COUNTY—		
S. L. Pickett, Wilson.....	Wilson, Cohen and Gilbert creeks.....	6,000
Decker Bros., Brookville.....	Eau Galle river.....	6,000
Harry A. Nelson, Hudson.....	Willow river.....	1,500
Phil Samelson, Hudson.....	Willow river.....	1,500
E. A. Harding, Hudson.....	Willow river.....	1,500
H. J. Penfield, Hpdson.....	Green's Race.....	1,500
Jos. Yoerg, Hudson.....	Willow river.....	1,500
B. C. Bunker, Hudson.....	Ten-mile creek.....	1,500
F. J. Carr, Hudson.....	Ten-mile creek.....	1,500
J. E. Jones, Hudson.....	Willow river.....	1,500
L. G. Green, Hudson.....	Willow river.....	3,000
John Buckley, Cylon.....	S. Fork of Willow river...	3,000
Andrew Hope, Hammond.....	S. Fork of Willow river...	3,000
Chas. Jones, Deer Park.....	Upper Willow river.....	5,000
Walter Jones, Deer Park.....	Willow river.....	5,000
		43,000
SAWYER COUNTY—		
Frank Watts, Beauchene.....	Weirgor creek.....	7,500
Roy Van Alstine, Winter.....	Casey creek.....	7,500
M. Murphy, Hayward.....	Hay and Spider creeks.....	5,000
Geo. Berger, Hayward.....	Clear lake.....	5,000
R. C. Pugh, Hayward.....	Bean Brook.....	5,000
		30,000
SHAWANO COUNTY—		
A. B. Glaubitz, Wittenberg.....	Middle branch of Embarass river.....	3,000
G. F. Hull, Wittenberg.....	Middle branch of Embarass river.....	6,000
H. J. Jahnke, Regina.....	North branch of Embarass river.....	7,500
J. J. Collins, Wittenberg.....	Baken creek.....	3,000
Wm. Hopke, Wittenberg.....	Middle branch of Embarass river.....	3,000
Fred Kersten, Wittenberg.....	Middle branch of Embarass river.....	3,000

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
SHAWANO COUNTY—Continued.		
A. A. Cady, Birnamwood.....	Plover river and Packards creek	7,500
A. Rundhamer, Birnamwood.....	Embarass river and Plover river	4,500
		37,500
SHEBOYGAN COUNTY—		
Aug. G. Meyers, Sheboygan.....	Pigeon river.....	4,500
H. C. Gruebner, Sheboygan.....	Osten creek.....	6,000
R. G. Arnold, Glenbeulah.....	Otter pond.....	4,500
B. F. Avery, Glenbeulah.....	S. branch, Mullet river.....	4,500
		19,500
TAYLOR COUNTY—		
James Woolcka, Medford.....	Black river.....	3,000
Herman Dunke, Medford.....	Mink creek.....	3,000
E. D. Simerson, Medford.....	Mink creek.....	3,000
Frank Brodoswky, Medford.....	Black river.....	3,000
P. H. Kennedy, Hannibal.....	Hay creek.....	5,000
		17,000
TREMPEALEAU COUNTY—		
J. A. Kellman, Galesville.....	Beaver creek.....	6,000
VERNON COUNTY—		
Van. S. Bennett, La Farge.....	Warner, Jug and Indian creeks	4,500
Elias Fox, Hillsboro.....	Tribs. Baraboo river.....	3,000
Frank Mohr, Hillsboro.....	S. branch of Baraboo river.....	3,000
Robt. Hammer, Hillsboro.....	Head of West branch of Baraboo river.....	3,000
Henry Linke, Hillsboro.....	Tribs. West branch of Baraboo river.....	3,300
W. A. Lins, Westby.....	Spring Valley creek.....	3,000
H. Hagen, Westby.....	Branch of Kickapoo river..	1,500
James Lee, Westby.....	Sveen's creek.....	1,500
E. O. Sveen, Westby.....	Timber creek.....	1,500
S. J. Severson, Westby.....	Seice branch.....	1,500
C. T. Shannon, Westby.....	Spring Valley creek.....	3,000
O. A. Unseth, Westby.....	Spring Valley creek.....	1,500
S. B. Reque, Westby.....	Timber Valley creek.....	3,000
E. Eilson, Westby.....	Timber Valley creek.....	1,500
		34,500
VILAS COUNTY—		
W. E. Kels, Star Lake.....	Pickeral creek.....	3,000
B. F. Wilson, Star Lake.....	Bass lake.....	3,000
J. W. Lant, Star Lake.....	Lost creek.....	3,000
J. A. McDonald, Star Lake.....	Camp-two lake.....	3,000
Chas. Law, Jr., Star Lake.....	Manitowish creek.....	3,000
R. J. Vaughn, Star Lake.....	Manitowish creek.....	3,000
H. C. Simonds, Star Lake.....	Johnson and Lost creeks..	3,000
F. M. Stearns, Star Lake.....	Razorback lake.....	3,000
Herman Pana, Star Lake.....	Johnson creek.....	3,000
Geo. Jewell, Star Lake.....	Bass lake.....	3,000
T. J. St. Louis, Star Lake.....	Bass lake.....	3,000
H. E. Saisich, Star Lake.....	Spring lake.....	3,000
A. H. Ames, Minocqua.....	Holy-water lake.....	15,000
Harold Sargent, Conover.....	Seven-mile lake.....	3,000
D. H. Sargent, Conover.....	Muskrat lake.....	3,000
A. J. Burgess, Conover.....	Muskrat lake.....	4,500
Geo. Shelley, Lakota.....	Muskrat lake.....	3,000

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
VILAS COUNTY—Continued.		
L. D. Sargent, Lakota.....	Muskrat lake.....	4,500
Julius Strelow, Lakota.....	Hay-meadow creek.....	4,500
C. H. Blohm, Conover.....	Twin river.....	4,500
A. K. Everett, Eagle River.....	Deer-skin creek.....	4,500
Ed. Lacon, Eagle River.....	Deer-skin creek.....	4,500
R. D. McLeod, Eagle River.....	Clear creek.....	6,000
E. A. Everett, Eagle River.....	Eagle Waters.....	3,000
James Burns, Eagle River.....	Deer-skin creek.....	6,000
L. L. Thomas, State Line.....	Hay-meadow creek.....	6,000
Louis Kunz, Manitowoc.....	Alder creek.....	12,500
		119,000
WALWORTH COUNTY—		
Shirley McDougal, Whitewater.....	Bluff creek.....	3,000
E. McDougal, Whitewater.....	White-water creek.....	3,000
J. A. Collin, Delavan.....	New-discovery creek.....	4,500
		10,500
WASHBURN COUNTY—		
M. J. Carey, Shell Lake.....	N. branch of Clam river.....	5,000
Otto Potter, Spring Brook.....	Goodfrey creek.....	5,000
J. H. Bixby, Trego.....	Spring lake.....	7,500
J. E. Shoul, Trego.....	Spring creek.....	7,500
W. F. Loomis, Birchwood.....	Sucker creek.....	10,000
Fred. Wasenberg, Anah.....	Allen creek.....	5,000
C. H. Dexter, Spooner.....	Mud creek.....	5,000
		45,000
WASHINGTON COUNTY—		
Mat Bruhy, Kewaskum.....	Spring creek.....	3,000
Henry Kaempfer, West Bend.....	Clear lake.....	7,500
Jos. A. Kircher, Barton.....	Milwaukee river.....	3,000
And. Lehner, Schleisingerville.....	Lehner lake.....	3,000
		16,500
WAUKESHA COUNTY—		
E. O. Evans, Genesee.....	Edwards and Funk creeks.....	3,000
W. H. Tuohy, Eagle.....	Long and Jericho creeks.....	4,500
		7,500
WAUPACA COUNTY—		
A. Weinman, Iola.....	Reamer pond.....	3,000
J. E. Phillips, Iola.....	Whitcomb creek.....	3,000
M. S. Stroud, Symco.....	Whitcomb creek.....	3,000
M. Tollefson, Scandinavia.....	Trib. Little Wolf pond.....	3,000
Henry Hanson, Scandinavia.....	Sand branch.....	3,000
C. L. Passmore, Iola.....	Branch of Iola river.....	3,000
Edw. E. Browne, Waupaca.....	Waupaca river.....	7,500
		25,500
WAUSHARA COUNTY—		
E. W. Bowen, Auroraville.....	Willow creek.....	1,500
Spencer Bowen, Auroraville.....	Willow creek.....	1,500
A. L. Grimes, Auroraville.....	Willow creek.....	1,500
Marion L. Bowen, Auroraville.....	Willow creek.....	1,500
C. E. Wells, Auroraville.....	Willow creek.....	1,500
Chas. Byse, Wautoma.....	W. and E. branches of White river.....	7,500
Reinert Thompson, Wautoma.....	Spring creek.....	4,500
R. E. Ades, Wautoma.....	Hoxie creek.....	4,500
M. O'Connor, Hancock.....	Mecan river.....	1,500
A. Heblewhite, Hancock.....	Chaffee creek.....	1,500

Distribution of Fish.

RAINBOW TROUT FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
WAUSHARA COUNTY—Continued.		
T. H. Garrison, Hancock.....	Little Rochacris.....	1,500
E. H. Strong, Hancock.....	Bittenhouse creek.....	1,500
Ed. O'Connor, Hancock.....	Mecan river.....	1,500
C. A. Patterson, Hancock.....	Chaffee river.....	1,500
B. F. Hales, Hancock.....	Little Rochacris.....	1,500
M. M. Steele, Hancock.....	Mecan river.....	1,500
R. A. Reid, Hancock.....	White creek.....	1,500
R. C. Stuart, Coloma.....	Mecan river.....	1,500
H. C. Robison, Hancock.....	Mecan river.....	1,500
W. A. Roblier, Coloma.....	Little Rochacris.....	1,500
Ed. Preno, Coloma Station.....	Chaffee creek.....	1,500
J. R. McLaughlin, Coloma Station..	Lunch creek.....	1,500
James Parkin, Coloma Station.....	Wedde creek.....	1,500
Wm. Smith, Coloma Station.....	Wedde creek.....	1,500
John T. Shorey, Coloma Station.....	Peeetwood creek.....	1,500
F. M. Smith, Coloma Station.....	Wedde creek.....	1,500
H. F. Bartz, Coloma Station.....	Chaffee creek.....	1,500
		52,500
WOOD COUNTY—		
W. T. Jones, Grand Rapids.....	Two-mile creek.....	1,500
Burton L. Brown, Grand Rapids....	Two-mile creek.....	1,500
E. C. Rossin, Grand Rapids.....	Two-mile creek.....	1,500
Archie McMillan, Grand Rapids....	Two-mile creek.....	1,500
F. E. Kellner, Grand Rapids.....	Seven-mile creek.....	1,500
F. A. Stamm, Grand Rapids.....	Four-mile creek.....	1,500
Owen Love, Grand Rapids.....	Seven-mile creek.....	1,500
E. Overbeck, Grand Rapids.....	Four-mile creek.....	1,500
Hy. C. Demitz, Grand Rapids.....	Four-mile creek.....	1,500
A. G. Miller, Grand Rapids.....	Two-mile creek.....	1,500
C. R. Goldsworthy, Vesper.....	Hemlock creek.....	4,500
John Schmitt, Marshfield.....	Stregel creek.....	1,500
John Brockendorf, Marshfield.....	Rocky-run.....	1,500
Jacob Milhelm, Marshfield.....	Sumner creek.....	3,000
Louis Thompson, Marshfield.....	Rocky-run.....	3,000
Karl Mess, Marshfield.....	Sumner creek.....	3,000
		31,500
Total rainbow trout fry planted,	1906.....	1,675,500

Distribution of Fish.

WALL-EYED PIKE FRY PLANTED, 1906.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
ADAMS COUNTY—		
J. B. Hill, Friendship	Friendship and Arkdale ponds	200,000
ASHLAND COUNTY—		
W. G. Nohl, Ashland	Marengo river	200,000
Geo. F. Kuntz, Ashland	Marengo river	200,000
Jno. Weir, Mellen	English lake	100,000
Robt. Johnston, Mellen	Spider lakes	100,000
Jno. Steffick, Mellen	Caroline	100,000
S. D. Hodson, Mellen	Bad river	100,000
Frank Rogers, Glidden	Summit lake	100,000
A. M. Moss, Glidden	Mud lake	100,000
Geo. Brambaugh, Butternut	Butternut lake	100,000
		1,100,000
BARRON COUNTY—		
F. R. Conn, Rice Lake	Rice lake	100,000
J. J. Moe, Rice Lake	Rice lake	100,000
A. A. Haffie, Chetek	Pekegema lake	200,000
N. A. Cowing, Chetek	L. Chetek	100,000
C. F. Musens, Chetek	Lake Chetek	100,000
A. H. Miller, Cumberland	Beaver Dam lake	100,000
R. E. Dimick, Almena	Parkin lake	100,000
G. G. Hodgkin, Cumberland	Vermillion lake	100,000
F. W. Miller, Cumberland	Bryer lake	100,000
W. N. Fuller, Cumberland	Mud lake	100,000
C. F. Mauseth, Cameron	Prairie lake	200,000
Clarence C. Coe, Barron	Poskin lake	150,000
C. P. Taylor, Barron	Poskin lake	100,000
		1,550,000
BAYFIELD COUNTY—		
A. H. Miles, Iron River	Half-moon lake	100,000
J. H. Moldenhoff, Iron River	Spider lake	50,000
C. C. Williams, Iron River	Little lake	50,000
Geo. S. Barnes, Iron River	Kelley lake	50,000
Gust Nelson, Iron River	East-eight lake	50,000
John A. Pettingill, Iron River	Iron lake	50,000
C. L. Gregg, Iron River	Fire lake	50,000
Geo. E. Beams, Iron River	Denny lake	50,000
H. C. Hale, Iron River	Pike lake	50,000
Marvin Olvin, Iron River	Crow lake	50,000
Nels Swanson, Iron River	Upper Iron lake	50,000
P. J. Savage, Iron River	Pike lake	50,000
Hakon Lund, Iron River	Martin lake	100,000
A. R. Meade, Iron River	Spring lake	50,000
Albert Nemeck, Cable	Perry lake	100,000
Rust Owen Lbr. Co., Drummond	White river	200,000
Wm. Bixby, Cable	Nemacogin river	100,000
And. Swan, Cable	Tobystick lake	100,000
A. H. Barnes, Racine	Long lake	200,000
Thos. Devine, Iron River	Pike lake	200,000
		1,700,000
BURNETT COUNTY—		
And. Peterson, Trade Lake	Pine lake	100,000
CALUMET COUNTY—		
Wilmer E. Bishop, Hilbert	Long lake	80,000

Distribution of Fish.

WALLEYED PIKE FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
CHIPPEWA COUNTY—		
F. W. Jenkins, Chippewa Falls	Two Island lake	300,000
Chas. Mariner, Cadott	Yellow river	200,000
		500,000
CLARK COUNTY—		
Baker & Baker, Greenwood	Black river	80,000
C. R. Sturdevant, Neillsville	Black river	40,000
Jerry Cross, Neillsville	Black river	40,000
G. W. Grogner, Neillsville	Black river	80,000
C. H. Gates, Neillsville	Black river	80,000
Sol. F. Joseph, Neillsville	Black river	80,000
Geo. K. Redmond, Neillsville.....	Black river	80,000
		480,000
COLUMBIA COUNTY—		
W. R. Turner, Columbus	Columbus pond	160,000
W. C. English, Wycocena	Duck Creek mill pond.....	80,000
Geo. A. Rockafellow, Fall River	Fall River pond	80,000
Dr. L. Catterton, Pardeeville	Fox river	80,000
John Duley, Pardeeville	Pardeeville pond	80,000
Herman Rueckert, Portage	Silver lake	160,000
R. W. Langdon, Pardeeville	Spring lake	80,000
F. W. Kiefer, Portage	Long lake	80,000
Jos. Roup, Portage	Big Sliver lake.....	80,000
Lyell V. Smith, Pardeeville	Fox river	80,000
P. W. McKenzie, Poynette	Rowan creek and pond; North Rocky Run	160,000
		1,120,000
CRAWFORD COUNTY—		
Jas. J. Tesar, Wauzeka.....	Sluntz lake	80,000
Geo. H. Davidson, Soldiers Grove	Kickapoo river	280,000
G. W. Henika, Readstown.....	Kickapoo river	160,000
		520,000
DANE COUNTY—		
J. H. Weber, Monroe	Kegonsa lake	400,000
Thomas and Harmon, Belleville.....	Sugar river	160,000
James Nevin, Madison	Lakes Monona and Mendota	2,960,000
R. A. Moore, Madison	Lake Wingra	480,000
Jas. Vance, Madison	Lake Monona	1,250,000
		5,250,000
DODGE COUNTY—		
Murphy Bros, Fox Lake	Fox lake	1,000,000
Geo. M. Bagley, Neosho	Rabicon pond	80,000
J. G. Smith, Theresa	Trib. Rock river	80,000
Wm. Frings, Jr., Theresa	Rock river	160,000
		1,320,000
DOUGLAS COUNTY—		
J. A. Lansworth, Brule	Spring lake	100,000
Theo. Engstead, Brule	Rush and Dennis lakes	100,000
W. J. Conness, Brule	Hoo-hoo lake	100,000
Jos. Lucius, Brule	Hemlock lake	100,000
W. H. Crumpton, Superior	St. Croix lake.....	100,000
C. W. Potts, Solon Springs.....	Long lake	100,000
N. Lucius, Jr., Solon Springs.....	Upper St. Croix river	200,000
C. R. Rogers, Solon Springs	St. Croix lake	200,000
C. H. Howell, Solon Springs	St. Croix lake	100,000

Distribution of Fish.

WALLEYED PIKE FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
DOUGLAS COUNTY—Continued.		
W. S. Carr, Lake Nebagamon.....	Lake Nebagamon	200,000
Nebagamon Ldr. Co. Lake Nenagamon.....	Lake Nebagamon.....	200,000
W. J. Philbrook, South Range.....	Lyman lake	200,000
		1,700,000
DUNN COUNTY—		
Wm. Schuette, Jr., Menomonie.....	Lake Nemomonie and Red Cedar river	160,000
R. O. Helsom, Menomonie	Lake Menomonie	80,000
E. B. Hill, Colfax	Red Cedar river	200,000
		440,000
EAU CLAIRE COUNTY—		
Chas Stiding, Altoona	Altoona lake	40,000
J. O. Knockson, Altoona	Altoona lake	40,000
L. Kortsch, Eau Claire	Dells pond and Chippewa river	120,000
A. E. Ulrich, Eau Claire.....	Dells pond and Chippewa river	120,000
Sumner Kirkhoff, Eau Claire	Half Moon lake	160,000
		480,000
FOND DU LAC COUNTY—		
E. P. Worthing, Fond du Lac.....	Lake Denevu	400,000
Jacob Loeb, Campbellsport	Long lake	200,000
P. A. Hoffman, Campbellsport	Lake Fifteen	80,000
Wm. Wedde, Campbellsport	Lake Fifteen	80,000
		760,000
FOREST COUNTY—		
Connor Lumber and Land Co., Laona	Birch and Silver lakes.....	400,000
Milo DeGross, Crandon	Metonga lake	200,000
J. A. Wilcox, Crandon	Stone lake	200,000
Jas. Stevenson, Armstrong Creek...	Lake Hilbert.....	200,000
H. W. Stewart, Armstrong Creek...	Lake Hilbert.....	200,000
Wm. A. Bull, Cavour	Ross lake	200,000
Jos. La Soona, Armstrong Creek...	Oconto lake	200,000
W. E. Fairfield, Armstrong Creek...	Lakes on Secs. 8-9, T. 30, R. 16 E.	200,000
		1,800,000
GREEN COUNTY—		
W. P. McDonnell, Browntown	Pecatonia river	120,500
Fred Ties, Brodhead	Sugar river	160,000
J. M. Warner, Martintown	Pecatonia river	80,000
		360,000
GREEN LAKE COUNTY—		
H. W. Volkman, Kingston	Spring lake, Kingston pond and Grand river	160,000
IOWA COUNTY—		
W. H. Motley, Mineral Point.....	Trib. Pecatonia river	160,000
IRON COUNTY—		
J. H. Ray, Mercer	Sand, Wilson and Myrtle lakes	200,000
F. P. Sauvely, Ironwood, Mich.	Mercer lake	150,000
Geo. Richards, Mercer .....	.....	150,000
		500,000

Distribution of Fish.

WALLEYED PIKE FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
JACKSON COUNTY—		
Geo. B. Gebhardt, Millston	Tributary of Black river..	80,000
A. C. Fisher, Black River Falls	Black river	80,000
J. C. Follack, Black River Falls	Black river	80,000
Ira Bowman, Black River Falls	Black river	80,000
F. W. Cole, Black River Falls	Black river	80,000
		400,000
JEFFERSON COUNTY—		
Edw. Schultz, Waterloo	Mauneshia river and pond..	160,000
JUNEAU COUNTY—		
C. H. Grotz, Mauston	Trib. Lemonweir river	120,000
John Turner, Mauston	Lemonweir river	120,000
Hiram Barney, Jr., Mauston	Lemonweir river	120,000
John Price, Jr., Mauston	Pond on Lemonweir river ..	120,000
C. J. Phillips, Camp Douglas	Big Lemonweir river	160,000
L. E. Gleason, Camp Douglas	Big Lemonweir river	80,000
C. C. Chase, Elroy	Mill pond on Baraboo river	80,000
Chas. Leicht, New Lisbon	Lemonweir river	200,000
A. W. Christenson, Necedah.....	Yellow river	100,000
C. W. Wood, Necedah	Yellow river	100,000
J. E. Daly, Necedah	Yellow river	100,000
H. G. Bridgman, Necedah	Yellow river	100,000
L. O. Plaff, Necedah	Yellow river	100,000
S. H. Spencer, Necedah	Yellow river	100,000
		1,600,000
KENOSHA COUNTY—		
Wm. Spetzman, New Munster	Lily lake	160,000
Max Sness, Chicago, Ill.	Spring lake	160,000
F. H. Schenning, Silver Lake	Silver lake	400,000
		720,000
LA FAYETTE COUNTY—		
Sam D. Driver, Darlington	Pecatonica river	120,000
W. E. Robinson, Blanchardville ..	East Pecatonica river	80,000
H. D. Thomas, Blanchardville.....	Pecatonica river	40,000
Jas. Blanchard, Blanchardville	Pecatonica river	80,000
Geo. H. Gould, Blanchardville	East Pecatonica river	40,000
		360,000
LANGLADE COUNTY—		
C. L. Leykom, Antigo	Matter lake	100,000
Fred Hayssen, Antigo.....	Moose lake	100,000
B. F. Dorr, Antigo	Otter lake	150,000
E. A. Roberts, Janesville	Pickereel lake	500,000
		850,000
LINCOLN COUNTY—		
J. B. Cramer, Merrill	Milchards lake	100,000
W. S. Pophal, Merrill	Milchard lake	100,000
Will G. Adams, Merrill	Lake View	100,000
A. J. Stunge, Merrill.....	Lake View	200,000
Arthur Lueck, Irma	Lueck lake	200,000
Orville Telyea, Heineman	Myrtle lake	100,000
C. L. Stephens, Heineman	Anderson lake	100,000
John Pospistel, Heineman	Elcho lake	100,000
R. F. Hanover, Heineman	Scoville lake	100,000
D. K. Stephens, Heineman	Scoville lake	100,000
C. K. Staub, Heineman	Scoville lake	100,000

Distribution of Fish.

WALLEYED PIKE FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
LINCOLN COUNTY—Continued.		
Jos. Yanda, Heineman	Elcho lake	100,000
W. H. Ehmann, Tomahawk	Lily lake	200,000
		1,600,000
MANITOWOC COUNTY—		
Anton E. Rief, Whitelaw	Riefs mill pond	80,000
Emil Tietgen, Manitowoc	Silver lake	80,000
Fred Jackinstal, Manitowoc	West-Twin river	80,000
Jno. Reznicek, Whitelaw	Branch river	120,000
J. H. Camps, Appleton	Neshotah river	120,000
		480,000
MARATHON COUNTY—		
R. Woytasik, Levent	Crocket lake	80,000
Fred Prehn, Marathon	Rib river	160,000
Philip Stadler, Wausau	Rib river	100,000
A. L. Dodge, Wausau	Big and Little Rib rivers	100,000
D. C. Merefefee, Wausau	Rib rivers	100,000
T. G. Wolf, Wausau	Rib rivers	100,000
Chas. C. Beck, Wausau	Rib rivers	100,000
W. H. Boles, Wausau	Rib-rivers	100,000
		840,000
MARINETTE COUNTY—		
T. W. McLain, Marinette	Noquebay lake	160,000
T. F. Able, Crivitz	Noquebay lake	160,000
Theos. Montobo, Crivitz	Noquebay lake	80,000
		400,000
MARQUETTE COUNTY—		
G. A. Crawford, Liberty Bluff	Wood lake	160,000
T. W. Wilson, Westfield	Westfield pond	120,000
S. A. Sharp, Harrisville	Harrisville pond	80,000
Wm. Meinke, Westfield	M ^{ill} pond on Trib. Montello river	80,000
		440,000
MONROE COUNTY—		
M. A. Stelleck, Sparta	Ranch lake and La Crosse river	160,000
John F. Bradley, Sparta	City pond	50,000
		240,000
OCONTO COUNTY—		
John J. Hoff, Sobieski	Little Suamico river	80,000
ONEIDA COUNTY—		
A. B. Weesner, Rhineland	Thomas and Julia lakes	200,000
R. M. Douglas, Rhineland	Elcho lake	200,000
Thos. McDermott, Rhineland	Crescent lake	200,000
C. Eby, Rhineland	Faust lake	200,000
Jno. Smart, Tomahawk Lake	Trude lake	200,000
C. Howe, Three Lakes		200,000
W. A. Walker, Milwaukee	Clear lake	250,000
H. H. Staver, Milwaukee	Clear lake	250,000
Wm. Beerbrauser, Three Lakes		200,000
David Jossart, Minocqua	Tomahawk lake	4,250,000
Robt. Ripple, Woodruff	Minocqua lake	5,000,000
		11,150,000

Distribution of Fish.

WALLEYED PIKE FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
PIERCE COUNTY—		
S. Brown, Spring Valley.....	Ea. 1 Galle river.....	120,000
POLK COUNTY—		
John G. Allen, Minneapolis.....	Little Half-moon lake.....	100,000
G. P. Hardy, Richardson.....	Marsh lake.....	100,000
Geo. A. Sylvester, Deronda.....	Sucker lake.....	100,000
Wm. Stowell, Dresser Jct.....	Poplar lake.....	100,000
W. H. Gamble, Centuria.....	Long lake.....	100,000
J. W. Hock, Centuria.....	Loveless lake.....	100,000
John Lumsden, St. Croix Falls.....	Deer lake.....	100,000
S. L. Pennington, Amery.....	Apple river.....	100,000
F. G. Dahlberg, Grantsburg.....	Long lake.....	100,000
		900,000
PORTAGE COUNTY—		
H. H. Hoffman, Amherst Jct.....	Lake Emily.....	400,000
F. Abb, Stevens Point.....	Big Plover river.....	160,000
A. P. Jenson, Stevens Point.....	Big Sandy river.....	40,000
And. Klug, Stevens Point.....	Wisconsin river.....	40,000
W. L. Bronson, Stevens Point.....	Wisconsin river.....	40,000
C. L. Park, Stevens Point.....	Wisconsin river.....	40,000
W. L. Playman, Stevens Point.....	Wisconsin river.....	40,533
Anton Grantsunski, Stevens Point...	Spring lake.....	160,000
J. S. Loberg, Nelsonville.....	Waupaca river.....	160,000
		1,120,000
PRICE COUNTY—		
F. S. Burch, Fifield.....	Birch and Clear lakes.....	100,000
R. M. Moor, Prentice.....	Worcester lake.....	100,000
John A. Grueber, Catawba.....	Jump river.....	100,000
		300,000
RACINE COUNTY—		
V. E. Mills, Burlington.....	Browns lake.....	600,000
J. O. Thomas, Franksville.....	Root river.....	80,000
J. C. Dohrn, Waterford.....	Wind lake.....	160,000
A. Buschman, Burlington.....	White and Fox rivers.....	200,000
Peter Herman, Racine.....	Eagle lake.....	400,000
		1,440,000
RICHLAND COUNTY—		
Geo. A. Carswell, Lone Rock.....	Bear Creek mill pond.....	120,000
ROCK COUNTY—		
A. W. Ames, Evansville.....	Gibbs lake.....	160,000
RUSK COUNTY—		
W. S. Manning, Ladysmith.....	Corbett lake.....	100,000
Jac. Spetch, Ladysmith.....	Flambeau river.....	100,000
Harry A. Davis, Flambeau.....	Davis lake.....	100,000
E. Foster, Weyerhaeuser.....	Pike lake.....	100,000
A. H. Dunbar, Weyerhaeuser.....	Bass lake.....	100,000
W. E. Brown, Weyerhaeuser.....	Cummings lake.....	100,000
		600,000
ST. CROIX COUNTY—		
Mike Steckmeyer, Roberts.....	Twin lake.....	80,000
Howard Greenfield, Roberts.....	Three lakes.....	80,000
Robt. Douglas, Roberts.....	Dry-dam lake.....	80,000
E. J. Quinlan, Stanton.....	Dimond lake.....	100,000

Distribution of Fish.

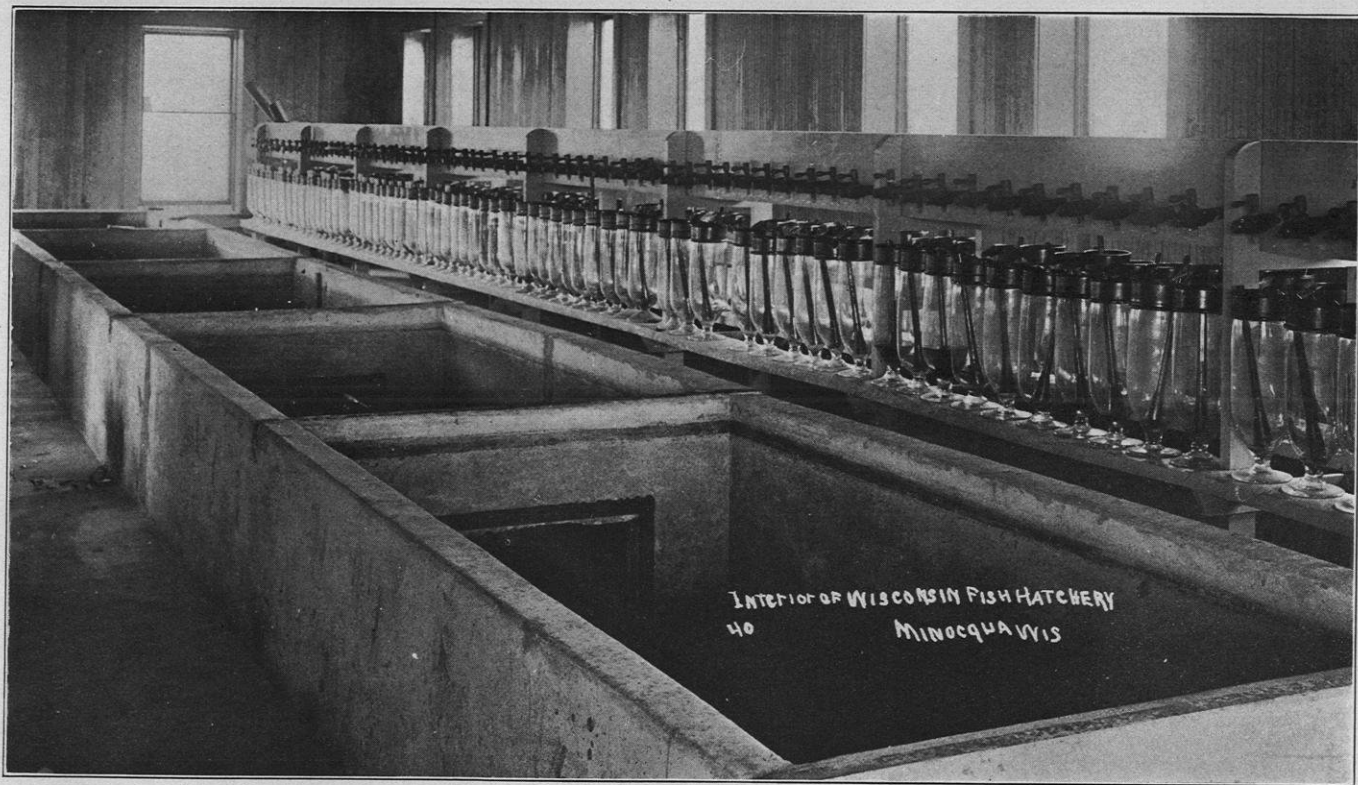
WALLEYED PIKE FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
ST. CROIX COUNTY—Continued.		
H. C. Weterlein, Hammond.....	Twin lakes.....	100,000
John Phillips, New Richmond.....	Brush-mountain lake.....	100,000
A. T. Torkelson, Hudson.....	Bass lake.....	100,000
And. Hope, Hammond.....	Willow river pond.....	200,000
		840,000
SAUK COUNTY—		
Bert Cramer, Baraboo.....	Devils lake.....	80,000
E. G. Mariott, Baraboo.....	Devils lake.....	80,000
F. E. Settergren, Baraboo.....	Devils lake.....	80,000
A. G. Buckley, Baraboo.....	Devils lake.....	80,000
		320,000
SAWYER COUNTY—		
J. P. Joseph, Hayward.....	Sanders lake.....	100,000
H. Campbell, Beauchene.....	Windfall lake.....	100,000
		200,000
SHAWANO COUNTY—		
H. C. Scheller, Cecil.....	Shawano lake.....	200,000
C. H. Koonz, Red Springs.....	Clear lake.....	80,000
Philo Derr, Shawano.....	Shawano lake.....	200,000
H. Buckall, Birnamwood.....	North branch.....	100,000
Alex Roundhamer, Birnamwood.....	Mayflower lake.....	100,000
A. A. Cady, Birnamwood.....	Mayflower lake.....	100,000
		780,000
SHEBOYGAN COUNTY—		
Chas. G. Peck, Sheboygan Falls.....	Sheboygan river.....	80,000
R. G. Arnold, Glenbeulah.....	Mullet river.....	80,000
Hy. Gruebner, Sheboygan.....	Meyers, Gunnerman, Bucholz and Hackman lakes.....	240,000
Aug. G. Meyers, Howards Grove.....	Getzer lake.....	80,000
Rollin Cobb, Adell.....	Hingham pond.....	80,000
Hy. C. Gruebner, Sheboygan.....	Onion river.....	80,000
		640,000
TAYLOR COUNTY—		
Emil Belobridga, Medford.....	Hulls and Sacket lakes.....	100,000
Martin Thorn, Medford.....	Nigger lake.....	100,000
Mark Ehle, Medford.....	Sacket lake.....	100,000
Louis Bauer, Medford.....	Sacket lake.....	100,000
A. H. Wesenberg, Chelsea.....	Chelsea and Shears lakes.....	100,000
John L. Larson, Rib Lake.....	Spirit lake.....	200,000
Frank Perry, Westboro.....	James lake.....	100,000
		900,000
TREMPEALEAU COUNTY—		
J. H. Sprecher, Independence.....	Independence mill pond.....	80,000
C. B. Miller, Arcadia.....	Trempealeau river.....	80,000
Gilbert Olson, Independence.....	Elk pond.....	80,000
W. S. Kidder, Whitehall.....	Whitehall pond.....	80,000
Berheide and Polk, Independence.....	Independence pond.....	40,000
Finch Ielen, Independence.....	Elk creek mill pond.....	80,000
H. Schaefer, Independence.....	Independence mill pond.....	40,000
		480,000
VERNON COUNTY—		
E. H. Harkin, Hillsboro.....	A pond.....	80,000
Robt. Hammer, Hillsboro.....	Mill pond.....	80,000
		160,000

Distribution of Fish.

WALL EYED PIKE FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
VILAS COUNTY—		
Chas. Law, Jr., Star Lake.....	Ballard lake.....	100,000
B. J. Vaughn, Star Lake.....	Little lake.....	100,000
L. A. Atkins, Star Lake.....	Partridge lake.....	100,000
J. A. McDonald, Star Lake.....	Star lake.....	100,000
H. C. Simonds, Star Lake.....	Johnson lake.....	100,000
C. M. Mills, Star Lake.....	Star lake.....	100,000
Frank Weizerlk, Star Lake.....	Ballard lake.....	100,000
H. E. Salsich, Star Lake.....	Star lake.....	200,000
T. J. St. Louis, Star Lake.....	Star lake.....	100,000
A. A. Babcock, Appleton.....	Kentuck lake.....	200,000
Thos. O'Neil, Conover.....	Sells lake.....	100,000
Robt. Thurston, Conover.....	Jacklander lake.....	200,000
D. H. Sargent, Lakota.....	Big and Little Twin lakes..	200,000
Harold Sargent, Lakota.....	Pass and Deer-skin lakes..	200,000
L. L. Thomas, State Line.....	Pine and Lac Vieux Desert lakes	200,000
Nels Nelson, State Line.....	Lac Vieux lakes.....	200,000
H. G. Frank, State Line.....	Lac Vieux lakes.....	200,000
E. A. Everett, Eagle River.....	Eagle waters.....	500,000
Herman Fabian, Sayner.....	Big St. Germain lake.....	200,000
A. L. Kreutzer, Wausau.....	Plum lake.....	200,000
J. J. McDonald, Sayner.....	Plum lake.....	200,000
H. R. Williams, Sayner.....	Plum lake.....	200,000
H. E. Warner, Sayner.....	Razorback lake.....	200,000
Geo. Jewel, Star Lake.....	Little Sand lake.....	100,000
Herman Pape, Star Lake.....	Ballard lake.....	100,000
Fred M. Stearns, Star Lake.....	Star lake.....	100,000
J. W. Lant, Star Lake.....	Pickrel lake.....	100,000
B. F. Wilson, Star Lake.....	Star lake.....	100,000
Wm. C. Kels, Star Lake.....	Star lake.....	100,000
Edw. P. Parker, Star Lake.....	Star lake.....	100,000
John Bolger, Minocqua.....	Little Bass lake.....	300,000
Jessie Coon, Woodruff.....	Trout lake.....	500,000
Henry Hansen, Minocqua.....	Squirrel lake.....	500,000
H. Chapin, Minocqua.....	Clear lake.....	500,000
Peter Little, Woodruff.....	Malby lake.....	100,000
Gene Johnson, Woodruff.....	Squirrel lake.....	100,000
H. L. Ames, Minocqua.....	Holy-water lake.....	500,000
J. Poquette, Minocqua.....	Bass lake.....	300,000
James A. Wright, Merrill.....	Trout lake.....	500,000
Ross Lumber Co., Arbor Vitae.....	Arbor Vitae lake.....	500,000
John Hansen, Woodruff.....	Gresham lake.....	300,000
Mr. Rayner, Minocqua.....	Rusk lake.....	400,000
John Mann, Woodruff.....	Trout lake.....	500,000
Robt. Ripple, Woodruff.....	Carroll lake.....	500,000
		10,600,000
WALWORTH COUNTY—		
Aug. Rothe, Genoa Jct.....	Powers lake.....	160,000
A. C. Deist, East Troy.....	Lake Beulah.....	200,000
J. A. Collin, Delavan.....	Delavan lake.....	400,000
M. V. B. Holloway, Delavan.....	North lake.....	80,000
D. T. Sherman, Millard.....	North lake.....	80,000
Merritt & Lone, Lake Geneva.....	Lake Geneva.....	400,000
C. Schuman, Genoa Jct.....	Powers lake.....	160,000
		1,480,000
WASHBURN COUNTY—		
C. H. Dexter, Spooner.....	Lake Ellsworth.....	100,000
W. B. Hanson, Shell Lake.....	Ripley lake.....	100,000
Barney Mullin, Shell Lake.....	Wood lake.....	100,000
A. A. Lovell, Shell Lake.....	Chain of lakes.....	100,000



INTERIOR OF WISCONSIN FISH HATCHERY
40 MINOCQUA WIS



Distribution of Fish.

WALLEYED PIKE FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
WASHBURN COUNTY—Continued.		
M. J. Carey, Shell Lake.....	Shell lake.....	100,000
R. N. Pomeroy, Minong.....	Lake Nancy.....	100,000
J. J. Hohl, Minong.....	Gilmore lake.....	100,000
P. S. Olson, Minong.....	Bass lake.....	100,000
		800,000
WASHINGTON COUNTY—		
P. W. Harns, West Bend.....	Little Cedar lake.....	600,000
Jno. Rosenhelmer, Schleisingerville....	Big Cedar lake.....	400,000
Ignatius Fuchs, Milwaukee.....	Bark lake.....	160,000
Casper Newburg, Richfield.....	Bark lake.....	160,000
Jno. Kliest, N. Milwaukee.....	Amy Bell lake.....	160,000
H. E. Southamer, Milwaukee.....	Pike lake.....	160,000
And. Lehner, Schleisingerville.....	Lehner lake.....	80,000
Wm. Shinnors, Hartford.....	Pike lake.....	200,000
Paul Hefeborg, West Bend.....	Holby lake.....	160,000
Louis Paff, West Bend.....	Paff lake.....	160,000
Edwin Pick, West Bend.....	Walters lake.....	160,000
Jas. A. Vircher, Barton.....	Walters lake.....	80,000
J. G. Maxson, Jackson.....	Grewe lake.....	80,000
C. P. Quis, West Bend.....	Walters lake.....	160,000
M. N. Weber, West Bend.....	Gilber lake.....	80,000
		2,800,000
WAUKESHA COUNTY—		
L. A. Meyer, Oconomowoc.....	Fowler lake.....	1,000,000
Martin Zwoster, Milwaukee.....	Big Muskego lake.....	200,000
H. C. Turrer, Eagle.....	Beaver Dam lake.....	80,000
H. Husten, Jr., Eagle.....	Husten lake.....	200,000
W. H. Tuohy, Eagle.....	Eagle lake.....	400,000
Tom J. Rea, Hartland.....	Beaver lake.....	400,000
A. E. Lacy, Okauchee.....	Okauchee lake.....	200,000
Geo. J. Woboriel, Okauchee.....	Okauchee lake.....	80,000
R. G. Richter, Milwaukee.....	Okauchee lake.....	160,000
Fred B. Dryer, Wales.....	Hunter lake.....	80,000
L. A. Meyer, Oconomowoc.....	Fowler lake.....	600,000
A. J. Nixon, Delafield.....	Ashippin lake.....	400,000
	Nashotah and Nagawicka lakes.....	1,000,000
R. H. Norris, Milwaukee.....	Nemahbin lake.....	320,000
Chas. Mueller, Nashotah.....	Mouse lake.....	280,000
A. E. Lacy, Okauchee.....	Okauchee lake.....	400,000
		5,480,000
WAUPACA COUNTY—		
Irving P. Lord, Waupaca.....	Chain O'Lakes.....	1,000,000
Jno. Rasmussen, Ogdensburg.....	Ogdensburg pond.....	80,000
Oscar Anderson, Iola.....	North lake.....	80,000
M. S. Stroud, Symco.....	Little Wolf river.....	80,000
J. L. Tollefson, Scandinavia.....	Sand lake.....	80,000
M. Tollefson, Scandinavia.....	Sand lake.....	80,000
C. H. Anderson, Scandinavia.....	Silver lake.....	160,000
		1,560,000
WAUSHARA COUNTY—		
B. O. Strom, Plainfield.....	Fish & Hills lakes.....	200,000
Chas. Russell, Madison.....	Fish, Hills & Silver lakes.....	400,000
H. O. Arneson, Wautoma.....	Pickrel lake.....	80,000
B. F. Hales, Hancock.....	Fish lake.....	40,000
Ed. O'Connor, Hancock.....	Fish lake.....	40,000
G. N. Spaulding, Hancock.....	Fish lake.....	40,000

Distribution of Fish.

WALL-EYED PIKE FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
WAUSHARA COUNTY—Continued.		
E. H. Strong, Hancock.....	Fish lake.....	40,000
T. H. Garrison, Hancock.....	Pine lake.....	120,000
A. Heblewhite, Hancock.....	Hancock lake.....	120,000
M. O'Connor, Hancock.....	Fish lake.....	120,000
H. D. Walser, Hancock.....	Fish lake.....	40,000
		<hr/> 1,240,000
WINNEBAGO COUNTY—		
John Maag, Oshkosh.....	Lake Winnebago.....	6,000,000
WOOD COUNTY—		
A. G. Miller, Grand Rapids.....	Wisconsin river.....	100,000
Edw. Spoffard, Grand Rapids.....	Nekoosa pond.....	100,000
B. J. Closesnt, Grand Rapids.....	Hurleytown pond.....	100,000
John J. Cumming, Grand Rapids.....	Nekoosa pond.....	100,000
D. M. Huntington, Grand Rapids....	Wisconsin river.....	100,000
		<hr/> 500,000
Total wall-eyed pike fry planted,	1906	79,140,000

Distribution of Fish.

BLACK BASS FRY PLANTED, 1906.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
BARRON COUNTY—		
R. H. Loether, Eau Claire.....	Bear lake.....	3,000
Jno. Hulbsch, Eau Claire.....	Bear lake.....	3,000
C. J. Borum, Barron.....	Prairie lake.....	2,500
T. W. Borum, Barron.....	Poskin lake.....	2,500
Geo. R. Borum, Barron.....	Poskin lake.....	2,500
		13,500
BAYFIELD COUNTY—		
Wm. Grimmer, Iron River.....	Pike lake.....	2,500
H. C. Hall, Iron River.....	Spider lake.....	2,500
A. H. Miles, Iron River.....	Half-moon lake.....	2,500
J. H. Moldenhoff, Iron River.....	Spring lake.....	2,500
C. C. Williams, Iron River.....	Iron lake.....	2,500
H. Lund, Iron River.....	Flag river.....	2,500
J. L. Stubbs, Bayfield.....	Bear lake.....	2,500
Thos. Devine, Iron River.....	Pike lake.....	2,500
		20,000
BUFFALO COUNTY—		
Thos. E. Ward, Mondovi.....	Mirror lake.....	6,000
Ole J. Ward, Mondovi.....	Mirror lake.....	3,000
		9,000
CHIPEWA COUNTY—		
J. A. Anderson, New Auburn.....	Round lake.....	4,500
Jas. F. Joyce, Eau Claire.....	Long lake.....	4,500
W. E. Raven, Bloomer.....	Shattuck lake.....	3,000
W. E. Kitch, Bloomer.....	Cornell lake.....	3,000
		15,000
CLARK COUNTY—		
Geo. K. Redmond, Neillsville.....	Black river.....	3,000
Geo. L. Jaques, Neillsville.....	Black river.....	3,000
		6,000
COLUMBIA COUNTY—		
S. F. Verbeck, Lodj.....	Fish lake.....	3,000
		3,000
DANE COUNTY—		
A. L. Lund, Cambridge.....	Rock lake.....	3,000
J. H. Weber, Mcnroe.....	Lake Kegonsa.....	6,000
Jas. Nevin, Madison.....	Lake Mendota.....	22,500
O. T. Olson, McFarland.....	Second lake.....	6,000
		37,500
DODGE COUNTY—		
A. Bachuber, Mayville.....	Rock river.....	4,500
E. Schwartz, Mayville.....	Rock river.....	4,500
Geo. M. Bagley, Neosho.....	Rubicon pond.....	3,000
		12,000
DOUGLAS COUNTY—		
Thos. Nephew, Brule.....	Loon lake.....	2,500
Theo. Engstrond, Brule.....	Little Brule river.....	2,500
W. J. Conness, Brule.....	Hoo Hoo lake.....	2,500
W. T. Mount, Brule.....	Hoo Hoo lake.....	2,500
F. P. Rolf, Lake Nebagamom.....	Lake Nebagamom.....	2,500
J. C. Peterson, Lake Nebagamom.....	Lake Nebagamom.....	2,500

Distribution of Fish.

BLACK BASS FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
DOUGLAS COUNTY—Continued.		
Nebagamon Lumber Co., Lake Nebagamon	Lake Nebagamon.....	2,500
C. R. Beecher, Lake Nebagamon.....	Lake Nebagamon.....	2,500
W. J. Philbrook, South Range.....	Lyman lake.....	2,500
Frank Patte, Solon Springs.....	Black Fox lake.....	2,500
W. H. Compton, West Superior.....	St. Croix lake.....	2,500
P. E. Waterbury, Solon Springs.....	St. Croix lake.....	2,500
W. B. Silvey, Duluth, Minn.....	Bass lake.....	2,500
W. J. Olcott, Gordon.....	Clear lake.....	2,500
E. J. Favell, Solon Springs.....	Island lake.....	2,500
Henry Beglinger, Superior.....	Bass lake.....	2,500
W. E. Watts, West Superior.....	Bardon lake.....	2,500
A. G. Alscamp, Superior.....	Bond lake.....	2,500
Fred Beglinger, West Superior.....	Bennett lake.....	2,500
Geo. N. Foster, Lodi.....	Spider lake.....	2,500
C. N. Hamilton, Solon Springs.....	Lake St. Croix.....	2,500
W. M. Steele, Superior.....	Blue Gill lake.....	2,500
		55,000
DUNN COUNTY—		
Wm. Schuette, Jr., Menomonie.....	Red Cedar river.....	3,000
Jas. W. Cowing, Menomonie.....	Lake Menomonie.....	3,000
W. L. Morrison, Menomonie.....	Lake Menomonie.....	3,000
		9,000
EAU CLAIRE COUNTY—		
F. M. Stevens, Augusta.....	Augusta pond.....	3,000
C. F. Clark, Augusta.....	Eau Claire river.....	3,000
H. V. Kyle, Augusta.....	Dells pond.....	3,000
R. E. Johnson, Augusta.....	Bridge Creek pond.....	3,000
P. L. Lidenthaler, Fall Creek.....	Fall Creek pond.....	3,000
Chas. Stiding, Altoona.....	Altoona pond.....	3,000
Chas. Hart, Altoona.....	Altoona lake.....	3,000
Marshall Cousins, Eau Claire.....	Washington pond.....	4,500
S. Kirkhoff, Eau Claire.....	Half-moon lake.....	4,500
		30,000
FOND DU LAC COUNTY—		
E. A. Galloway, Fond du Lac.....	Lake Denevu.....	6,000
P. A. Huffman, Campbellsport.....	Lake Fifteen.....	3,000
Steffes Bros., Calvary.....	Wolf lake.....	3,000
		12,000
FOREST COUNTY—		
Jas. Kiernan, Armstrong Creek.....	Lake Nine.....	2,500
P. Shay, Armstrong Creek.....	Lake Nine.....	2,500
Jas. Stevenson, Armstrong Creek.....	Lake Hilbert.....	2,500
H. W. Stewart, Armstrong Creek.....	Lake Hilbert.....	2,500
W. A. Bule, Cavour.....	Ross lake.....	2,500
		12,500
GREEN COUNTY—		
Fred Ties, Brodhead.....	Sugar river.....	6,000
W. P. McDonnell, Browntown.....	Pecatonica river.....	6,000
		12,000
GREEN LAKE COUNTY—		
Hy. Volkman, Kingston.....	Spring lake.....	4,500
L. Kreuger, Markesan.....	Hart lake.....	6,000
Gard Miller, Ripon.....	Little Green lake.....	3,000
		13,500

Distribution of Fish.

BLACK BASS FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
IRON COUNTY—		
J. C. Eaver, Pence	Island lake	2,500
F. J. Peterson, Manitowish	Lake near Powell.....	3,750
J. H. Paine, Manitowish	Star lake	3,750
Geo. F. Richardson	Mercer and Tank lakes	5,000
		15,000
JACKSON COUNTY—		
F. Robinson, Melrose	Melrose pond	3,000
J. W. Rockwell, Melrose	Douglas pond	3,000
F. W. Cole, Black River Falls	Black river	3,000
E. E. Moore, Merrillan	Trows Mill pond	3,000
		12,000
JEFFERSON COUNTY—		
S. D. House, Lake Mills	Rock lake	12,000
L. A. Washburn, Palmyra	Spring lake	4,500
		16,500
JUNEAU COUNTY—		
J. H. Forbes, Elroy	Baraboo river	3,000
C. J. Phillips, Camp Douglas	Big Lemoaweir river	3,000
		6,000
KENOSHA COUNTY—		
Jas. McVey, Camp Lake.....	Camp lake	3,000
T. E. Lamb, Camp Lake.....	Camp lake	3,300
F. H. Schanning, Silver Lake	Silver lake	4,500
Henry Benedict, Genoa Jct.	Benedict lake	3,000
Aug. Rothe, Genoa Jct.	Powers lake	3,000
Wm. H. Saunders, Kenosha	Paddocks lake	3,000
E. M. Stannard, Bristol	Lake George	6,000
		25,500
LA CROSSE COUNTY—		
Wm. Smith, Bangor.....	La Crosse river	3,000
Alex. Johnstone, West Salem	Neshonoc pond	3,000
		6,000
LA FAYETTE COUNTY—		
W. R. Law, Darlington.....	Ames branch	6,000
E. W. Voss, So. Wayne	Trafford creek	6,000
S. D. Driver, Darlington	Pecatonica river	6,000
		18,000
LANGLADE COUNTY—		
B. Heineman Lbr. Co., Antigo	West branch of Eau Claire river	3,750
LINCOLN COUNTY—		
A. J. Olson, Tomahawk	Half-moon lake.....	2,500
C. N. Johnson, Merrill	Lake View	2,500
J. P. Weiss, Merrill	Ackernan lake	2,500
Johnson & Whitson, Tomahawk	Muskellunge lake	2,500
A. F. Empey, Merrill	Neff lake	2,500
John Knaggs, Tomahawk	Twin lakes	2,500
		15,000
MARATHON COUNTY—		
H. W. Pradt, Wausau	Big Rib river	2,500
Phillip Stadler, Wausau	Big Rib river	2,500
A. L. Dodge, Wausau	Big Rib river.....	2,500
		7,500

Distribution of Fish.

BLACK BASS FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
MARINETTE COUNTY—		
A. U. Bean, Crivitz	Noquebay lake	6,000
Carl Redman, Amberg	Beacher lake	3,000
M. Pender, Amberg	Redman lake	3,000
Louis Redman, Amberg	Glens lake	3,000
H. P. Bird, Wausaukee	Perch lake	4,500
F. W. Baker, Marinette	Noquebay lake	3,000
E. J. Baker, Marinette	Pufanite lake	3,000
C. J. Johnson, Pembine	Lake Ludgren	3,000
Isaac Stephenson, Marinette	Eagle lake	4,500
		33,000
MARQUETTE COUNTY—		
Alex Birckley, Baraboo	Parker lake	4,500
F. W. Meinke, Westfield	Westfeld pond	3,000
Jacob Fenner, Westfield	Westfield pond	3,000
W. J. Ogle, Oxford	Wolf lake	3,000
M. Fisher, Packwaukee	Buffalo lake	4,500
E. F. Bo-sack, Westfield	Lawrence pond	3,000
Clark Brown, Montello	Montello pond	3,000
M. H. Pradt, Montello	Kilby lake	3,000
J. E. Wegenke, Budsin	Turtle lake	3,000
R. M. Johnson, Neshkoro	Neshkoro pond	3,000
R. W. Wegenke, Neshkoro	White river	3,500
		36,000
MONROE COUNTY—		
John A. Shol's, Sparta	La Crosse river	3,000
R. B. Graves, Sparta	La Crosse river	3,000
Chas. Todd, Wilton	Yagers pond	3,000
F. H. Wege, Wilton	Kickapoo river	3,000
Geo. Yackel, Wilton	Hatch mill pond	3,000
F. R. Barber, Warrens	Warrens pond	3,000
		18,000
GNEIDA COUNTY—		
J. S. Van Nortwick, Appleton	Spirit lake	2,500
John McCoy, Appleton	Virgin lake	2,500
John Barnes, Rhinelander	North Pelican lake	3,750
Paul Brovne, Rhinelander	Lake Julia	2,500
		11,250
POLK COUNTY—		
Jas. E. Schow, Luck	Big Butternut lake	2,500
Geo. A. Sylvester, Deronda	Sucker lake	2,500
Wm. Stowell, Dresser Jct.	Sand lake	2,500
E. A. Scharin, Dresser Jct.	Poplar lake	2,500
W. T. Kennedy, Amery	Twin lakes	2,500
J. N. Johnson, Osceola	Sand lake	2,500
C. A. Love, Luck	Big Butternut lake	2,500
E. H. Holcomb, Centuria	Bass lake	2,500
W. H. Gamble, Centuria	Long lake	2,500
John W. Hock, Centuria	Loveless lake	2,500
Geo. W. Howard, Amery	North Twin lake	2,500
John Howe, Amery	Pike lake	2,500
F. G. Dahlberg, Grantsburg	Round lake	2,500
		32,500
PORTAGE COUNTY—		
A. M. Nelson, Stevens Point	Lake Emily	6,000

Distribution of Fish.

BLACK BASS FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
RACINE COUNTY—		
A. H. Barnes, Racine	Root river	3,000
E. E. Mills, Burlington	Browns lake	6,000
B. Lavin, Kansasville	Eagle lake	6,999
		15,000
ROCK COUNTY—		
Dr. Ames, Evansville	Gibbs lake	3,000
RUSK COUNTY—		
H. Campbell, Beauchene.....	Windfall lake.....	2,500
ST CROIX COUNTY—		
Mike Steckmeyer, Roberts	Twin lakes	3,000
O. R. Schwalen, Roberts	Twin lakes	3,000
Howard Greenfield, Roberts	Three lakes	3,000
		9,000
SAUK COUNTY—		
Ringling Bros., Baraboo	Mirror lake.....	4,500
E. G. Mariott, Baraboo	Devils lake.....	4,500
H. C. Huebring, Reedsburg	Baraboo river	3,000
H. G. Clizbe, Reedsburg	Baraboo river	3,000
A. D. Dorsett, Baraboo	Devils lake.....	3,000
J. W. Davis, Baraboo	Devils lake.....	3,000
A. G. Buckley, Baraboo	Mirror lake	3,000
H. M. Acott, Baraboo	Devils lake	3,000
W. F. Hile, Reedsburg	Baraboo river	3,000
John Frank, Cazenovia	Duren pond	3,000
Henry Rubillard, Cazenovia	Pond at head of Little Baraboo river	6,000
		39,000
TREMPEALEAU COUNTY—		
C. A. Kellman, Galesville	Marineuka pond	3,000
L. L. Solsrud, Whitehall	Whitehall pond	3,000
Fred Jacobsen, Whitehall	Coral city pond	3,000
Ole Larson, Whitehall	Long View lake	3,000
M. H. Zimmer, Independence	Elk creek mill pond	3,000
W. S. Kidder, Whitehall	Pigeon creek pond	3,000
Jacob Jacobsen, Independence	Elk creek mill pond	3,000
H. L. Ekern, Whitehall.....	Trempealeau river	3,000
Anton Sentz, Independence	Independence mill pond	3,000
		27,000
VILAS COUNTY—		
D. H. Sargent, Lakota	Big and Little Twin lakes	3,750
T. J. Laughlin, Eagle River	Clear-water lake	2,500
Geo. O'Connor, Eagle River	Columbus lake	2,500
Fred Flanders, Conover	Pioneer lake	2,500
John McGee, Conover	Walsh lake	2,500
E. A. Everett, Eagle River	Eagle waters	2,500
V. G. Langley, Star Lake	Razorback lake	2,500
W. H. Austin, Milwaukee	Plum lake	2,500
John A. McDonald, Star Lake	Bass lake	2,500
T. E. Timlin, Star Lake	Muskellunge lake	2,500
H. E. Salsich, Star Lake	Spring lake	2,500
Herb. Warner, Sayner	Plum lake	5,000
Herman Fabian, Sayner	Big St. Germain lake	2,500
O. W. Sayner, Sayner	Plum lake	2,500
Fred Meloy, Sayner	Plum lake	2,500
Henry Hanson, Minocqua	Squirrel lake	7,500
		51,250

Distribution of Fish.

BLACK BASS FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
WALWORTH COUNTY—		
Merritt and Lone, Lake Geneva	Lake Geneva.....	6,000
M. E. Bergwall, East Tory	Booth lake	6,000
A. C. Diest, East Troy	Lake Beulah	6,000
Sage and Co., Delavan	Delavan lake.....	6,000
W. A. Sharp, Elkhorn	Lauderdale lakes	6,300
		30,000
WASHINGTON COUNTY—		
P. W. Harns, West Bend	Cedar lake	6,000
Geo. P. Boden, West Bend	Cedar lake	3,000
L. P. Timmer, Schliesingerville	Cedar lake	4,500
J. M. Grahser, Milwaukee	Pike lake	4,500
John Kleist, North Milwaukee	Amy Belle lake	3,000
Geo. Hammer, North Milwaukee	Amy Belle lake	3,000
Casper Newberg, Richfield	Bark lake	4,500
		28,500
WAUKESHA COUNTY—		
David Hunter, Dousman	Hunter lake	15,000
Frank Houser, Dousman	Golden lake	15,000
George Vail, Dousman	Lervie lake	3,000
John Forbes, Dousman	Big School-section lake	4,500
Edw. McDowell, Dousman	Upper and lower Nemahbin lakes	15,000
L. A. Meyer, Oconomowoc	LaBelle lake	4,500
	Fowler lake	4,500
	Ashippin lakes	3,000
	Okauchee lake	6,000
	Pine lake	4,500
	Little Muskego lake	3,000
	Lake Lulu	4,500
	Eagle lake	4,500
	Big Muskego lake	3,000
	Lake Five	3,000
	Phantom lake	3,000
	Lake Keewis	3,000
	Beaver lake	4,500
	Upper Nashotah lake	4,500
	Mouse lake	4,500
	Muskego lake	3,000
	Lakes in the vicinity of Dousman	12,000
		127,500
WAUPACA COUNTY—		
E. E. Browne, Waupaca	Stratton and Clear lakes	7,500
I. P. Lord, Waupaca	Rainbow and Chain lakes	7,500
Jas. Peterson, Scandinavia	Silver lake	3,000
C. H. Anderson, Scandinavia	Silver lake	2,000
F. H. Boydson, Ogdensburg	Ogdensburg pond	3,000
Chas. S. Moses, Ogdensburg	Eldridge lake	3,000
		27
WAUSHARA COUNTY—		
L. B. Beach, Hancock	Hancock lake	3,000
Ed. O'Connor, Hancock	Fish lake	4,500
F. C. Wood, Hancock	Pine lake	3,000
Nels Hanson, Wautoma	Johns lake	3,000
J. V. Berens, Wild Rose	Silver lake	3,000
M. Moriarty, Rodney	Spring lake	3,000

Distribution of Fish.

BLACK BASS FRY PLANTED, 1906—Continued.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
WAUSHARA COUNTY—Continued.		
Chris Jenson, Saxeville	Mud lake	3,000
C. H. Russell, Madison	Silver lake	3,000
B. O. Storm, Plainfield	Hill lake	3,000
W. H. Graffman, Berlin	Silver lake	3,000
		31,500
WOOD COUNTY—		
H. H. Voss, Grand Rapids	Consolidated pond	2,500
Geo. W. Baker, Grand Rapids	Lake Centralia	2,500
D. B. Philleo, Grand Rapids	Biron pond	2,500
		7,500
Total distribution, black bass	fry, 1906	921,250

Distribution of Fish.

LAKE TROUT FRY PLANTED, 1906.

Where Planted.	No. of Fish.
In Rusk Lake, Vilas county.....	300,000
In Silver Lake, Washburn county.....	30,000
In Spider Lake, Douglas county.....	45,000
In Lake Superior, off Gull Island.....	2,562,000
In Lake Superior, off Presque Isle.....	3,066,000
In Lake Superior, off South Point, Raspberry Bay.....	936,000
In Lake Superior, off Manitou Island.....	900,000
In Lake Superior, off Raspberry Island.....	984,000
In Lake Superior, off Boss Island.....	984,000
In Lake Superior, Pike's Bay.....	50,000
In Lake Nine, Forest county.....	30,000
In Cable Lake, Washburn county.....	75,000
In Tozer Lake, Washburn county.....	75,000
In Heilman Lake, Washburn county.....	75,000
In Pike Lake, Bayfield county.....	112,500
In Round Lake, Sawyer county.....	112,000
Big Sand Lake, Vilas county.....	396,000
Viola Lake, Washburn county.....	112,500
Holy Lake, Bayfield county.....	112,500
Price Lake, Bayfield county.....	112,500
Pelican Lake, Oenida county.....	450,000
Tomahawk Lake, Oenida county.....	450,000
Trout Lake, Vilas county.....	195,000
Little Green Lake, Green Lake county.....	67,500
Pine Lake, Waupaca county.....	67,500
Cotter Lake, Vilas county.....	90,000
Big Lake, Vilas county.....	90,000
In Green Bay, out from Sturgeon Bay.....	450,000
In Lake Michigan, from Sturgeon Bay.....	517,500
In Lake Michigan, from Port Washington.....	1,080,000
In Lake Michigan, from Sheboygan.....	1,080,000
In Lake Michigan, from Racine.....	450,000
Total lake trout fry planted, 1906.....	16,057,500

WHITEFISH FRY PLANTED, 1906.

Where Planted.	No. of Fish.
In Chequamegon Bay, Lake Superior.....	29,960,000
In Lake Michigan, out from Port Washington.....	5,640,000
In Lake Michigan, out from Sheboygan.....	4,000,000
In Lake Michigan, out from Racine.....	4,000,000
In Lake Michigan, out from Oconto.....	3,300,000
In Lake Michigan, out from Manitowoc.....	2,000,000
In Lake Michigan, out from Marinette.....	2,480,000
In Lake Michigan, out from Sturgeon Bay.....	2,400,000
	53,780,000

Distribution of Fish.

MUSKELLUNGE FRY PLANTED, 1906.

Where Planted.	No. of Fish.
Silver and Birch Lakes, Forest county.....	20,000
Plum Lake, Vilas county.....	20,000
Star Lake, Vilas county.....	10,000
Lake Mendota, Dane county.....	50,000
LaValle Lake, Oneida county.....	10,000
Pine Lake, Vilas county.....	20,000
Lake Menomonin, Dunn county.....	10,000
Flat Lake, Washburn county.....	20,000
Holy-water Lake, Vilas county.....	10,000
Trout Lake, Vilas county.....	20,000
Arbor Vitae Lake, Vilas county.....	20,000
Bolger Lake, Vilas county.....	10,000
Carroll Lake, Vilas county.....	50,000
Minocqua Lake, Oneida county.....	280,000
Tomahawk Lake, Oneida county.....	270,000
	800,000

BLACK BASS FINGERLINGS PLANTED, 1906.

Name and Post Office of Applicant.	Where Planted.	No. of Fish.
Bolger Brothers, Minocqua.....	Minocqua lake.....	8,800
Jas. Nevin, Madison.....	Lake Mendota.....	5,000
P. W. Harns, West Bend.....	Little Cedar lake.....	2,000
Peter Klumb, West Bend.....	Silver lake.....	500
A. D. Pfeifer, Chilton.....	Head of Manitowoc river..	1,000
O. W. Sayner, Sayner.....	Plumb lake.....	1,000
Geo. N. Wood, Grand Rapids.....	Consolidated pond.....	1,000
Total black bass fingerlings.....		19,300

WHITE BASS FINGERLINGS PLANTED, 1906.

Where Planted.	No. of Fish.
Little Cedar Lake, Washington county.....	2,000
Silver Lake, Washington county.....	500
Head of Manitowoc river, Calumet county.....	1,000
	3,500

Distribution of Fish.

MISCELLANEOUS DISTRIBUTION, 1906.

Trout and other kinds furnished fairs, fountains and aquariums...	1,175
Mature rainbow trout planted in Nine-spring creek, Dane county..	1,600
Yearling rainbow trout planted in Oconto river, Forest county.....	5,000
Yearling rainbow trout planted in Rusk Lake, Vilas county.....	5,000
Two-year rainbow trout planted in Big Plover river, Marathon county	5,000
Thunder lake, Marinette county.....	5,000
Adult rainbow trout planted in the East Branch of Chippewa river at Glidden, Ashland county.....	450
Adult rainbow trout planted in Onion river, Bayfield county.....	350
Lake trout eggs furnished Nebraska Fish Commission.....	50,000
Yellow perch planted in Manitowoc river at Chilton.....	3,000
Yellow perch planted in Lake Winnebago, estimated.....	15,000
Pickereel eggs planted in Lake Mendota, Dane county.....	5,180,000
	<hr/>
	5,271,575

Distribution of Fish.

SUMMARY OF OUT-PUT OF HATCHERIES AND STATIONS, 1906.

MADISON HATCHERY.		
Brook trout fry.....	*1,247,500	
Rainbow trout fry.....	1,248,500	
Mature rainbow trout.....	1,600	
Furnished fairs, fountains and aquariums.....	500	
Total output, Madison hatchery.....		2,498,100
BAYFIELD HATCHERY.		
Brook trout fry.....	*1,445,000	
Rainbow trout fry.....	*525,000	
Lake trout fry.....	12,165,000	
Whitefish fry.....	29,960,000	
Mature rainbow trout.....	800	
Two-year rainbow trout.....	10,000	
Yearling rainbow trout.....	10,000	
Lake trout eggs furnished Nebraska Fish Commission in exchange.....	50,000	
Furnished Madison hatchery, yearling brook trout..	10,000	
Furnished fairs, fountains, aquariums, etc.....	675	
Total output, Bayfield hatchery.....		44,176,475
OSHKOSH HATCHERY.		
Lake trout fry.....	3,892,500	
Whitefish.....	23,820,000	
Wall-eyed pike fry.....	38,240,000	
Total out-put, Oshkosh hatchery.....		65,952,500
MINOCQUA HATCHERY.		
Wall-eyed pike fry.....	40,900,000	
Black bass fry.....	238,750	
Black bass fingerlings.....	2,000	
Muskellunge fry.....	800,000	
Total out-put, Minocqua hatchery.....		41,940,750
DOUSMAN STATION.		
Black bass fry.....		682,500
FROM MISSISSIPPI RIVER SLOUGHS.		
Black bass fingerlings.....		13,800
FROM CAT-FISH RIVER.		
Pickereel eggs.....		5,180,000
FROM LOWER FOX RIVER AT NEENAH AND MENASHA.		
White bass fingerlings.....	3,500	
Black bass fingerlings.....	3,500	
Yellow perch.....	18,000	
		25,000

*Includes fry retained at the hatchery.

Distribution of Fish.

SUMMARY OF DISTRIBUTION, ALL KINDS, 1905-1906.

	1905.	1906.
Brook trout fry.....	2,937,000	2,442,500
Rainbow trout fry.....	1,362,000	1,673,500
Lake trout fry.....	18,803,000	16,157,500
Whitefish fry.....	15,273,000	53,780,000
Wall-eyed pike fry.....	76,800,000	79,140,000
Black bass fry.....	317,500	921,250
Black bass fingerlings.....	23,800	19,300
Muskellunge fry.....	50,000	800,000
Pickereel, impregnated eggs.....		5,180,000
White bass fingerlings.....	1,463,100	3,500
Yellow perch, fingerlings.....	723,880	18,000
Miscellaneous distribution.....	252,700	73,575
Total distribution, all kinds.....	118,010,980	160,109,125

SUMMARY OF FISH PLANTED BY WISCONSIN FISH COMMISSION SINCE ESTABLISHED.

Year.	Brook trout.	Rainbow trout.	Salmon.	Carp.	White-fish.	Lake trout.	Wall-eyed pike.	Black bass.	White bass.	Muskel-lunge.	Pickeral.	Yellow Perch.	Miscellaneous.	Totals.
1877....	179,000		67,500		6,295,000	1,676,000								8,217,500
1878....	93,000		77,800		8,850,000	2,980,000								12,800,000
1879....			88,210		5,900,000									5,088,210
1880....	930,250				5,800,000	3,600,000								10,330,250
1881....	1,088,000			||163										1,088,163
1882....	828,590				6,000,000									6,828,590
1883....	1,330,000				16,000,000		8,000,000							25,330,000
1884....	2,005,000			||253	17,000,000		9,700,000							28,800,253
1885....	1,510,000	600,000		||6,765			14,500,000							16,016,765
1886....	2,275,000	630,000		||556	33,210,000		3,450,000							39,571,556
1887....	2,900,000	1,345,000		||17,165	31,500,000	500,000	8,800,000							45,092,165
1888....	2,285,000	1,590,000		||25,512	18,000,000	700,000	4,450,000							27,050,512
1889....	2,190,000	2,615,000		5,230	30,000,000	5,850,000	14,050,000							54,710,230
1890....	3,320,000	3,460,000		||35,591	27,600,000	*27,472,500	14,680,000							76,568,091
1891....	2,620,000	2,415,000		||9,855	35,000,000	*1,536,000	6,000,000		5,200,000					52,780,855
1892....	3,245,000	3,340,000		||8,700	14,000,000	*10,704,000	13||575,000							44,872,700
1893....	1,635,000	1,675,000		||5,050	35,000,000	*14,249,000	5,500,000		||29,000					58,096,050
1894....	3,785,000	2,605,000		||8,125	33,000,000	*10,777,000	9,600,000		||73,000	\$4,960				59,853,085
1895....	2,556,000	1,470,000		||8,525	15,000,000	*22||100,000	23,100,000		||116,500	\$2,345				64,275,670
1896....	3,110,000	1,611,000			27,500,000	†22,710,000	25,250,000		||156,635	\$13,500				69,120,089
1897....	1,949,000	1,241,000			18,000,000	†10,010,000	23,300,000		||4,530	\$9,115	1,100,000			55,613,615
1898....	1,952,500	1,180,000			3,000,000	7,362,000	53,980,000		||112,200	\$23,420				67,760,120
1899....	2,238,000	1,095,500				16,848,000	60,190,000		||68,655	\$15,100				80,455,755
1900....	2,393,000	1,653,000				30,797,500	69,850,000			100,000	7,090,000			111,793,500
1901....	1,866,500	1,068,500			34,450,000	19,980,000	78,200,000		||44,270	472,500	*5840,000			142,921,770
1902....	2,569,000	1,299,000			66,820,000	17,877,000	37,325,000		||10,200	80,000				126,150,200
1903....	1,512,500	1,050,000			37,500,000	16,168,000	46,170,000		||318,000	100,000	*2080,000		200,125	106,089,625
1904....	2,090,000	2,283,750			20,375,000	20,462,000	37,825,000		||549,900	50,000			100,200	83,737,850
1905....	2,937,000	1,362,000			15,278,000	18,803,000	76,800,000		||1463,100	50,000		||723,880	252,700	118,010,960
1906....	2,442,500	1,673,000			53,780,000	16,107,500	79,140,000	||940,550	||3,500	800,000	*5180,000	||18,000	23,575	160,409,125

* Impregnated eggs, † eggs and fry, ‡ fry and fingerlings, § adult fish, || fingerlings.
 Note.—Fish planted in fry stage unless otherwise indicated.

Distribution of Fish.

STATEMENT OF FISH AND EGGS DEPOSITED BY THE BUREAU OF FISHERIES OF THE U. S. IN THE WATERS OF THE STATE OF WISCONSIN DURING THE YEAR ENDING JUNE 30, 1908.

Where Distributed.	Species.	Eggs.	Fry.	Finger- lings.
	Catfish			
Beaver Dam	Beaver Dam pond.....			600
Brodhead	Sugar river.....			200
	Whitefish			
Off Aminicon River	Lake Superior.....		2,000,000	
Oshkosh	Wisconsin Fish Com.	20,700,000		
	Steelhead Trout			
Grantsburg	Spirit lake.....		8,000	
Lampson	Piling lake.....		8,000	
Spooner	Calvert lake.....		12,000	
	Rainbow Trout			
Alma Center	Bovee creek.....			2,000
Beldenville	Rush river.....		25,000	
Elcho	Swamp creek.....			2,000
La Crosse	Coon creek.....			250
	Kralls creek.....			250
Menominee	Wilson creek.....		15,000	
Neshkoro	White river.....			2,500
Soldiers Grove	Wisconsin Fish Com- mission as follows:			
	Bear creek.....			2,900
	Johnson creek.....			1,600
	Soldiers Grove creek.....			4,250
	Towerville creek.....			2,500
	Trout creek.....			3,750
Tomah	Council creek.....			250
	Deer creek.....			250
	Dixon creek.....			250
	Mud creek.....			1,750
	Sparta creek.....			250
	Tar creek.....			250
Withee	Withee creek.....			1,900
	Lake Trout			
Bayfield	Wisconsin Fish Com.	7,000,000		
Off Iron River	Lake Superior.....		240,000	
Sand Island	Lake Superior.....		360,000	
	Brook Trout			
Alma	Bear creek.....			500
	Deer creek.....			500
	Jans Valley creek.....			500
	Lee Valley creek.....			500
	Little Waumandee creek			800
	Rutschow creek.....			500
	Schultz creek.....			500
	Trout creek.....			500
	Wolf creek.....			500

Distribution of Fish.

PLANTS MADE BY U. S. BUREAU OF FISHERIES—Continued.

Where Distributed.	Spec'es.	Eggs.	Fry.	Finger- lings.
	Brook Trout—Con.			
Alma Center	Cisna creek.....			500
	Falls creek.....			500
	South Branch creek.....			800
	Stockwell creek.....			1,000
Amherst	Eens creek.....			5,000
	Sannes creek.....			10,000
	Tomorrow creek.....			15,000
	Waupaca river.....			15,000
Arcadia	American Valley creek			5,000
	Cowie creek.....			5,000
	Danuser Valley creek.....			5,000
	Glencoe creek.....			5,000
	Irish Valley creek.....			5,000
	North Fork of Eagle Valley creek.....			5,000
	South Fork of Eagle Valley creek.....			5,000
	Thompson Valley creek			5,000
	Trout Run.....			5,000
Augusta	Bear Grass creek.....			800
	Coon Gut creek.....			5,000
	Darrow creek.....			5,000
	Diamond creek.....			5,000
	Hay creek.....			20,000
	Know Nothing creek.....			5,000
	Sand creek.....			5,000
Baldwin	Kinnickinnic creek.....			1,200
Blair	Trumps creek.....			10,000
Chippewa Falls	Duncan creek.....			700
Drummond	Little creek.....			450
Ellsworth	Rush creek.....			1,000
Fairchild	McLaren creek.....			500
	Marvins creek.....			500
Fairchild	North Branch Beef river			1,200
	Scott creek.....			500
Fifield	Spring Branch.....		5,000	
Fond du Lac	Parsons creek.....			1,000
Fountain City	Bohris Valley creek.....			500
	Brandhorst creek.....			500
	Eagle Valley creek.....			600
	Kellers creek.....			500
	Oak Valley creek.....			500
	Schorpps Valley creek.....			500
	Yaegris creek.....			500
Gordon	Wascott creek.....		5,000	
Greenwood	Black creek.....			475
	Gile creek.....			475
	Norwegian creek.....			700
	Rocky Run.....			475
	Plover river.....			2,000
Hatley	Wind Pudding lake.....		5,000	
Hazelhurst	Arno creek.....			500
Hixton	Beaty creek.....			500
	Carron creek.....			500
	Judkins creek.....			500

Distribution of Fish.

PLANTS MADE BY U. S. BUREAU OF FISHERIES—Continued.

Where Distributed.	Species.	Eggs.	Fry.	Finger- lings.
	Brook Trout—Con.			
Hixton—Con.....	Mason creek.....			500
	Sheldon creek.....			500
	Shurwood creek.....			500
	Tank creek.....			500
Hudson	Trout brook.....			5,000
	Willow river.....			15,000
Independence	Borst Valley creek.....			10,000
	Travers Valley creek.....			10,000
Ingram	Middle Fork of Maine creek.....		5,000	
La Crosse	Kralls creek.....			485
	North Branch of Coon creek.....			490
Lake Nebagamon	Blueberry creek.....			700
Lampson	Trout lake.....		5,000	
Lodi	Spring creek.....			1,000
	Willow creek.....			1,000
Maiden Rock	Pine creek.....			5,000
Menominee	Annis creek.....			5,000
	Coon creek.....			800
	Hall creek.....			5,000
	Hay creek.....			5,000
	Irving creek.....			10,000
	Johnson creek.....			5,000
	Little Elk creek.....			5,000
	Lynch creek.....			5,000
	McCarthy's creek.....			5,500
	Rush creek.....			5,000
	Schafers creek.....			5,000
	Simmonson creek.....			5,000
	Smiths creek.....			5,000
	Stoner creek.....			5,000
	Torgerson creek.....			5,000
	Varney creek.....			5,000
Merillan	Arnold creek.....			800
Mondovi	Brunett Valley creek.....			500
	Carl creek.....			500
	Cranberry creek.....			500
	Day creek.....			500
	Dover creek.....			600
	Elk creek.....			500
	Fifteen creek.....			500
	Glasspool creek.....			500
	Harvey creek.....			600
	Hays creek.....			500
	Hicks creek.....			500
	Machmeier creek.....			500
	Merrit creek.....			500
	Modena creek.....			500
	Rock creek.....			800
	Schreimer creek.....			500
Neshkora	Chaffee creek.....			800
New Lisbon	White creek.....			15,000
Norwalk	Slickman creek.....			400
	Swamp creek.....			500
	Twin Spring Valley creek.....			400
	Weilip creek.....			400

Distribution of Fish.

PLANTS MADE BY U. S. BUREAU OF FISHERIES—Continued.

Where Distributed.	Spec'es.	Eggs.	Fry.	Finger- lings.
	Brook Trout—Con.			
Plymouth	Milwaukee river.....			1,750
	Onion creek.....			1,750
Princeton	Snake creek.....			800
Rice Lake	Yellow river.....			1,000
Rosendale	Florida brook.....			500
Sparta	Clear creek.....			500
	Coles creek.....			1,000
	Farmers Valley creek.....			500
	La Crosse river.....			1,200
Taylor	Pine creek.....			500
Tomah	Council creek.....			485
	Deer creek.....			485
	Dixon creek.....			485
	Sparta creek.....			485
	Tar creek.....			485
Union Center	North Warner creek.....			5,000
Viroqua	Brookville creek.....			425
	Brush creek.....			350
	Cheathams branch.....			350
	Duck Egg creek.....			200
	Esofa creek.....			200
	Hinkst creek.....			350
	Hockabout creek.....			350
	Humphrey branch.....			250
	La Flash creek.....			350
	North Bad Axe creek.....			706
	Otter creek.....			200
	Pine Hollow creek.....			350
	Sees creek.....			200
	Sidle creek.....			200
	South Bad Axe creek.....			425
	Springville creek.....			425
	Spring Coulee creek.....			200
	Tinker creek.....			300
	Towerville branch.....			300
Westby	East and West Weas- ter creeks.....			800
Whitehall	Elk creek.....			15,000
	Fly creek.....			10,000
	French creek.....			800
Wilton	Dorsets creek.....			500
	Hibbard creek.....			500
	Posey creek.....			500
Withee	Slaton creek.....			500
	Delay creek.....			450
	Grayling			
Lake Nebagamon	N. Clay Pierce.....	30,000		
	Rock Bass			
Richfield	Schulties pond.....			83
	Small-mouth Black Bass			
Elcho	Clear lake.....			200
Elkhorn	Duck lake.....			250

Distribution of Fish.

PLANTS MADE BY U. S. BUREAU OF FISHERIES—Continued.

Where Distributed.	Spec'es.	Eggs.	Fry.	Finger- lings.
	Small-mouth Black Bass—Con.			
Lake Geneva	Geneva lake.....			250
Rhinelanders	Bass lake.....			400
	Jennie Webber lake.....			200
	Tamerack lake.....			200
Spread Eagle	Spread Eagle lake.....			200
	Large-mouth Black Bass			
Athelstane	Elbow lake.....			280
Brodhead	Sugar river.....			125
Colgate	Lake Five.....			250
Durand	Bear lake.....			250
	Thompsons lake.....			250
Eagle River	Sand lake.....			100
	Stone lake.....			100
Eau Claire	Altoona lake.....			150
Elkhorn	Lauderdale lakes.....			200
Menominee	Menominee lake.....			250
North Lake	North lake.....			190
Rhinelanders	Eby lake.....			200
Rice Lake	Rice lake.....			100
Solon Springs	Bass & Twin lakes.....			100
	Lake St. Croix.....			100
	Wolf lake.....			100
Sparta	Perch lake.....			100
	Walnarth pond.....			100
Spooner	Seymour lake.....			100
Spread Eagle	Spread Eagle lakes.....			60
Sussex	Lake Keesus.....			200
Wausau	Big Rib river.....			100
	Pike Perch			
Bright	Popple river.....		175,000	
Greenwood	Black river.....		350,000	
	Cawleys creek.....		175,000	
	Eau Claire river.....		175,000	
	Popple river.....		175,000	
Lampson	Twin lakes.....		125,000	
Rhinelanders	Lake Reif.....		150,000	

Distribution of Fish.

SUMMARY OF REPORTS OF FISHERMEN, FROM OUTLYING WATERS.

(Excepting lakes Pepin and St. Croix and the Mississippi river.)

Kind.	Pounds of fish caught in 1905.	Value.	Pounds of fish caught in 1906.	Value.
Whitefish	139,682	\$9,547 12	131,062	\$9,741 14
Lake trout.....	3,698,359	200,502 94	3,115,041	220,823 57
Chubs	5,415,873	75,284 25	1,809,620	64,818 07
Herring	6,635,240	96,292 54	3,850,268	127,565 50
Miscellaneous.....	3,813,297	49,822 18	3,829,821	97,406 52
	19,702,451	\$431,399 03	12,735,812	\$520,354 80

Men employed in 1905, 1,224.

Men employed in 1906, 1,149.

Value of outfit in 1906, \$504,648.00.

Value of outfit in 1906, \$482,648.00.

Oxygen Dissolved in Waters of Wisconsin Lakes.

ON THE OXYGEN DISSOLVED IN THE WATERS OF WISCONSIN LAKES.

BY EDWARD A. BIRGE, OF THE WISCONSIN FISH COMMISSION.*

Mr. President:

Some dozen years ago, or more, I began to study the life of the lower animals found in the open waters of the lakes of Wisconsin. I carried out one rather large job of that sort and found as I advanced in it that the conditions of life in lakes were not well known and I then took up the study of the physical conditions of life in our lakes. Circumstances that I need not detail greatly increased my duties at the University of Wisconsin and for a number of years made it impossible for me to continue these investigations. Only recently have I been able to begin them again, after long interruption, and to carry them on, although much more slowly than I could wish.

The subject that I am going to talk about today is the distribution of the oxygen gas in the waters of our lakes, and something of the effect of that distribution on the lake as a place for animal life.

I must begin with a few words in regard to the temperature conditions of lakes, because upon them the distribution of gas is dependent.

Let Fig. 1 represent a section of a lake, and imagine the basin filled with water of uniform temperature, such a condition as we should find in our lakes in October, November, or December, according to the depth and area of the lake. If the wind blows from one direction for a considerable time, it will start a current of water moving in the direction of the wind towards the

*A paper read at the thirty-fifth annual meeting of the American Fisheries Society, July 24-26, 1906, at Grand Rapids, Mich. Reprinted from the *Transactions*, pp. 142-163.

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leeward side of the lake; when the water driven by the wind reaches this side of the lake it has to return; a portion passes around the lake; another part of it turns down on the shore, and comes back at various depths along the bottom, or where-

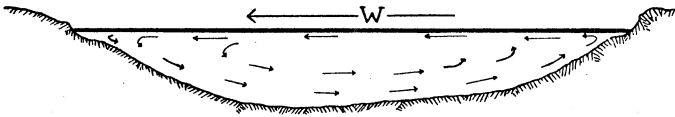


Fig. 1—Circulation caused by wind in lake of uniform temperature.

ever it may find an opportunity. As a general result, if the lake has a uniform temperature from top to bottom, the mass of water, even though it may be 150 or 200 feet in depth, is set into rotation by the wind with comparative ease, and a very thorough mixture of the water is made to all depths of the lake. Under these circumstances all the water of the lake is brought into contact with the air and becomes saturated with oxygen. This effect is even more easily produced if the temperature of the surface water is falling, as in late autumn and in the nights of early spring, so that gravity aids the influence of the winds.

In the spring, after the ice leaves the lakes, the conditions are substantially the same for a little while; the temperature is

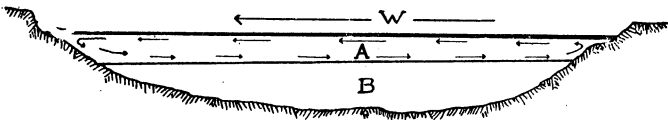


Fig. 2—Circulation in lake during summer. A.—Warm layer. B.—Cool water.

practically uniform, the water is set into rotation, kept in circulation, and aerated by the action of the wind. But as the water warms, the conditions become different; and the warmer water of the surface, becoming lighter than the cooler water of the bottom, tends to float upon it. As the days grow longer, the influence of the sun becomes greater and as the nights become warmer, the cooling at night becomes less, with the result that the surface water gets very considerably heated. Under these circumstances when the wind blows the water across the

Oxygen Dissolved in Waters of Wisconsin Lakes.

lake, it does not have energy enough to force the warmer, lighter water down to the bottom of the lake; so that, as the water gets to the leeward side, it is pressed down to a certain distance, but to a certain distance only, a distance depending on the temperature of the upper water, the force of the wind, the area of the lake, and other conditions that I need not specify.

The net result of this contest between the wind, seeking to mix the water, and the sun, which tends to keep the warmer and lighter water on the top, is that during the warm season the circulation of the water is confined to a small portion of the lake, a portion which differs in thickness in different lakes. The water circulates not to the bottom of the lake but to a certain distance below the surface—perhaps 10 or 12 feet in a small lake, and perhaps 20, 30, or even 40 feet in an inland lake of larger size.

This continued action results in the formation of a comparatively warm layer of water on the top of the lake, within which circulation is going on, and the water of which is more or less continuously turned over and exposed to the action of the air; and beneath that there is a lower layer of water which is cooler, which does not circulate, and which, for a time that may be as long as five or six months in some lakes, is shut off from all direct access to the external air by the layer of circulating water on the top of the lake.

You will readily see that the oxygen conditions of the water are very different in these two portions of the lake. The story can perhaps best be illustrated by diagrams, which show in a very general way what goes on in Lake Mendota during the open season of the year.

Lake Mendota, on whose south shore lie the grounds of the University of Wisconsin, is a lake about 6 miles in length, 4 miles in width and 84 feet in depth in the deepest portion; several square miles of the lake are more than 70 feet in depth, and the water reaches a depth of 50 or 60 feet pretty close to the shore; the shore is fairly steep, reaching a maximum height of 150 feet above the lake.

Figures 3 to 8 show the temperature and oxygen of the water from April to November, 1905. In each diagram the vertical

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column of figures represents the depth in meters from the surface down to 22 meters, which is as deep water as can be found without going too far from our laboratory. The horizontal figures in the diagrams represent two things. They stand, in the

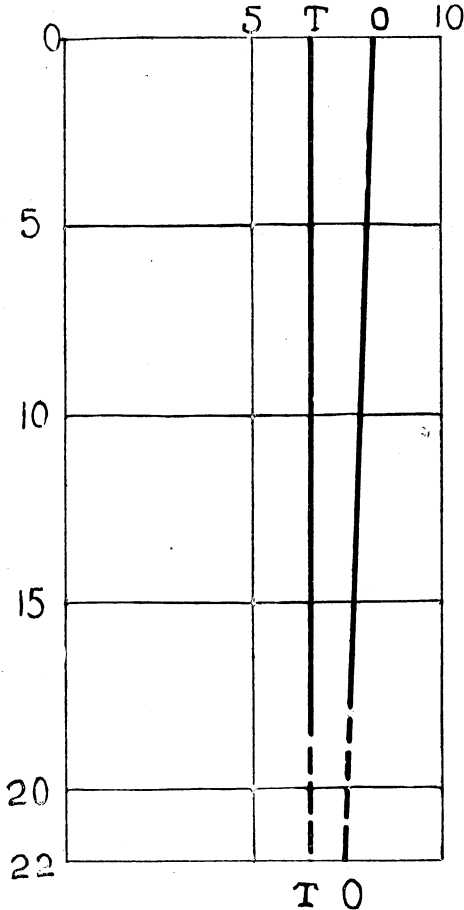


Fig. 3—Lake Mendota, April 22, 1905.

case of temperature, for degrees centigrade, and, in the case of oxygen, they represent cubic centimeters of gas per liter of water; that is, parts per thousand in volume, of the gas in question. The line marked "T" represents the temperature in each diagram and the line marked "O," the oxygen.

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In the latter part of April we find a temperature of about 6° C. both at the top and bottom of the lake. There is a very considerable amount of oxygen, over 8 cc. per liter (8 parts per thousand of volume) at the surface and 7.5 at the depth of

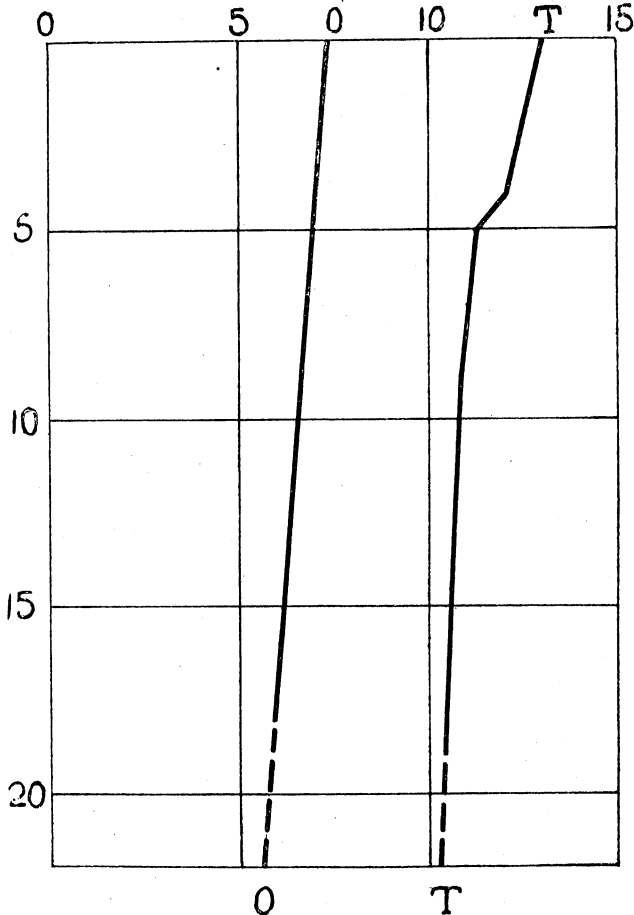


Fig. 4—Lake Mendota, May 24, 1905.

18 meters. I may say that in the early part of the season, for convenience sake, we made our observations in the shallower water near the University instead of going a mile or so further to the deeper water of the lake. But the story at this time

Oxygen Dissolved in Waters of Wisconsin Lakes.

would be the same in the deeper water, and this fact I have indicated by continuing the temperature and oxygen lines to the bottom of the diagram. In the early spring temperature and oxygen are substantially the same at all depths of the lake and all portions of the lake support an abundant life.

If now you look at Fig. 4, which represents the conditions on May 24, you will see that the lake has warmed a good deal—

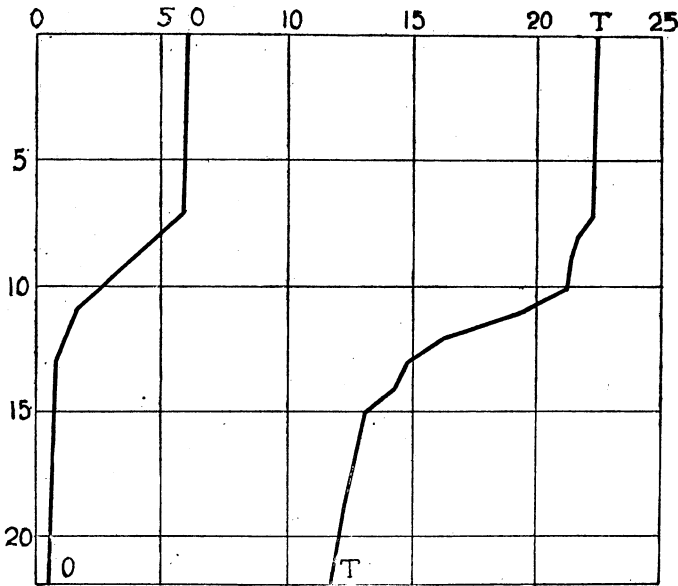


Fig. 5—Lake Mendota, July 29, 1905.

the surface temperature has increased to 13° while the bottom has increased to a little over 10°, but is beginning to lag behind the surface. That shows that the action of the wind is failing to reach the bottom of the lake, and that as a result the surface is beginning to gain in temperature on the bottom. The amount of oxygen in the surface water has gone down to about 7 cc. per liter; in consequence of the rise of temperature and perhaps of oxidation, it has declined at the bottom to 5.4 cc. per liter.

As the season advances into June and July, the situation changes greatly both as to temperature and oxygen. The conditions in late July are shown in Fig 5. The surface tempera-

Oxygen Dissolved in Waters of Wisconsin Lakes.

ture has risen to 22.6° C, and down to the depth of 7 meters it is almost uniform. At this depth comes a sudden drop in the temperature, which is more marked at 10 meters; the temperature line showing first a rapid and then a slower decline until at the bottom of the lake a temperature of 11.8° is reached. The oxygen shows an arrangement corresponding to this division of the lake into two parts; a warm lake 7 to 8 meters in thickness, kept in circulation by the wind and floating on top

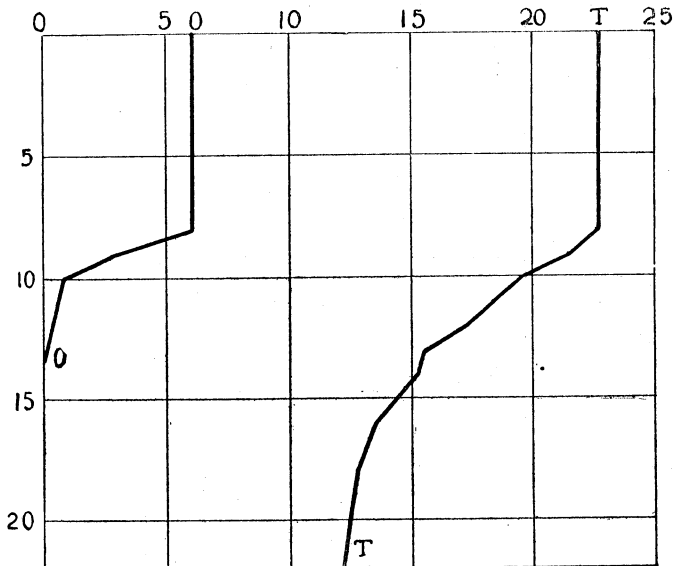


Fig. 6—Lake Mendota, Aug. 31, 1905.

of the lower water of the lake, whose greatest depth is about 16 meters and which is cut off from the air by the upper stratum. There are about 6 cc. of oxygen per liter in the upper water, but that in the lower water shows the effect of the cutting off of this water from new supplies and is nearly exhausted. Its exhaustion is due in small part to the use of oxygen for respiration by the animals living in deep water. In far greater part it is used up by decomposition of plants and animals. Down into this lower water are sinking all of the minute dead plants and animals, as well as the larger ones, from the surface

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of the water; into it is also sinking the debris from along the shore. All of this is decomposed in the bottom water, inevitably using up the supply of oxygen; and that process is showing its effect very plainly from the 7 meter line down. You will see at the 7 meter level the oxygen line begins to curve towards zero and at 13 meters there is very little oxygen left in the water,

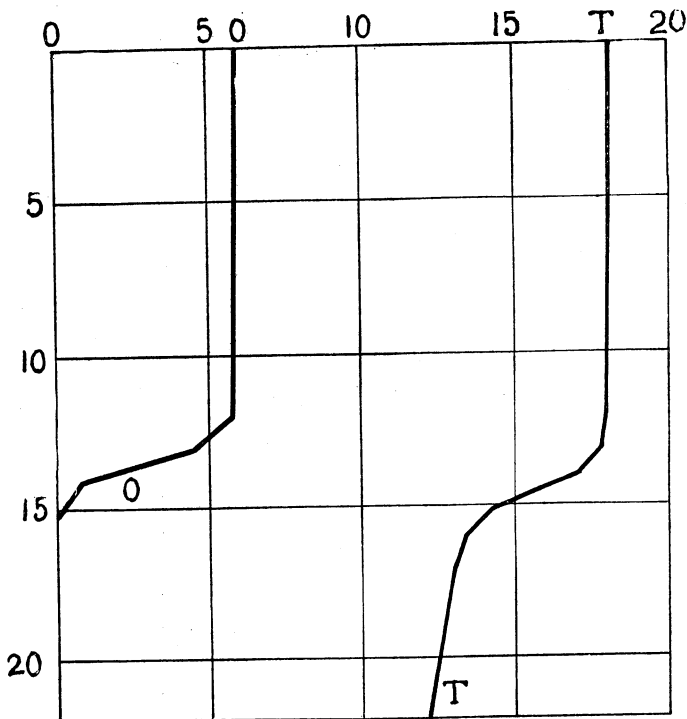


Fig. 7—Lake Mendota, Sept. 26, 1905.

(0.8 cc. per liter) and there is even less oxygen at greater depths.

As we pass to the next diagram, (Fig. 6) which shows the facts for the last of August, we find substantially the same arrangement, so far as the temperatures are concerned. The temperature line for the last of August shows 22.6° C. down to a depth of 8 meters; then comes a rapid fall of temperature, fol-

Oxygen Dissolved in Waters of Wisconsin Lakes.

lowed by a slower one, until at the bottom a temperature of 12° is reached. The oxygen of the lower water has been practically used up and ends in the upper part of the cool water.

As the season passes on and the lake cools, the upper warmed layer increases in thickness as it declines in temperature. In

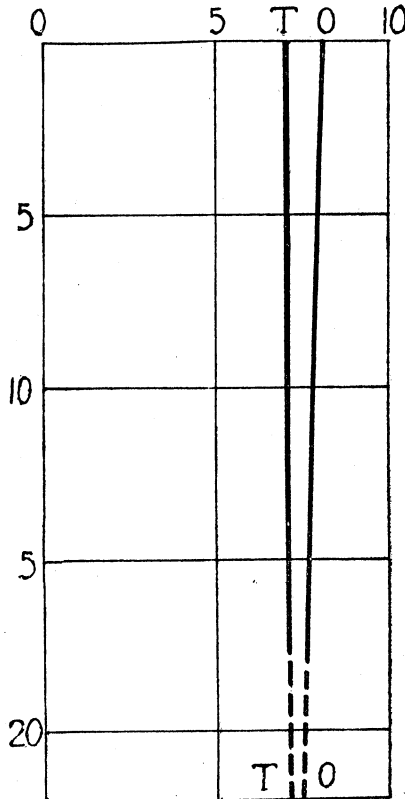


Fig. 8—Lake Mendota, Nov. 9, 1905.

the latter part of September, as Fig. 7 shows, the circulating part of the lake has reached a thickness of about 13 meters, with a temperature of about 18°. The oxygen has followed on down with this increase of thickness of the circulating part of the lake—not as fast, since, for reasons which I will not stop to go into, the oxygen follows a little behind the temperature. But the lower, cooler part of the lake is still devoid of oxygen,

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In October the temperature falls still further and becomes practically uniform throughout the lake. Corresponding to this change, oxygen is found at the bottom of the lake in an amount quite sufficient to support any sort of animal life. In November (Fig. 8) the temperature has still further fallen, having dropped to about 7° , and with the cooling of the water the amount of oxygen which it can hold in solution is increased. The oxygen has risen to about 8 cc. per liter, and at this time and later the oxygen supply is rising to its winter condition.

The effect of this variation of the oxygen on the life of the lake must be briefly told. My own studies have been almost entirely on the microscopic life, mainly on the crustacea, though to some extent on the rotifers. If you study Lake Mendota in the early spring, when the conditions of temperature are uniform, you will find these animals through the lake at all depths, and in very considerable numbers; and as the spring warming of the lake goes on there is everywhere a great increase in animal life. The algae seem to afford an abundance of food, so that the animal life of the lower types extends to all depths. As the summer conditions come on and as the oxygen begins to be cut off in the lower water, the animal life there becomes, as you would expect, more scanty, and as the July and August conditions succeed, the life in the open water of the lower part of the lake becomes almost extinct. It almost startles the student to see how sharp is the division between the inhabited and uninhabited portions of the lake. If you lower a hose into the lake and pump the water from various depths into a fine net you will catch a great abundance of animals in the water from the lower part of the circulating layer. This stratum indeed is often more densely populated than any other portion and may contain thousands of crustacea and rotifers per gallon. But if the hose is lowered another meter, or even a half meter, an entire change appears. The water is perfectly clear and appears to the eye as fit for life as that above it, but you may pump many gallons of the water without securing more than a very few animals and these mainly sickly or injured forms which have evidently been caught as they were slowly sinking to the bottom,

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One animal indeed you are likely to find in numbers quite great when its large size is taken into account. Those of you who have studied the animal life of lakes know the transparent larvae of the insect *Corethra*, which is one of the most beautiful and rapacious creatures found in our lakes. This is practically the only animal that you will find inhabiting the lower water. It comes up into the surface water at night, feeds, renews its stock of oxygen, which it stores in sacs, and goes down again for the day into this water devoid of oxygen. In such water it seems to be thoroughly at home and indeed we have learned that its presence in water pumped from a lake during the day time indicates that there is little or no oxygen in that water.

Thus the story of the oxygen is of great importance to the life of the lake, because during the months of July, August, September, and the early part of October, all the lower part of Lake Mendota is almost uninhabitable by any animal. There are a few creatures that live in the mud; there is found there a species of clam, (*Sphaerium*) about as large as a pea when fully grown. In spite of the fact that the water above it, and around it, is devoid of oxygen, that animal survives, apparently in a dormant condition. We have pumped up the mud from Lake Mendota with these animals in it, and kept them under observation in sealed bottles, so that the conditions of life, so far as temperature and oxygen were concerned, were the same as at the bottom of the lake. We found that the animals would continue to live, although in a dormant condition; while if taken out and placed in water which was aerated, the clam would quickly begin to put out its siphons and feed. There are also worms found in the mud, but the life at the bottom is very decidedly scanty and poor, and one which is not fitted to support any considerable amount of fish life at any time of the year.

This story of the oxygen as shown in Lake Mendota is repeated in principle in all lakes; but the details of the story, and the effect upon life are very different in different lakes. All of the lakes get during the late fall, before they freeze, practically as much oxygen as they can hold at the temperatures which they have reached; they come out in the spring with substantially that amount of oxygen. There may be a loss under the ice

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during the winter but the stock will be renewed in early spring. The formation of the warm surface layer comes at different times in different lakes. In the small lakes it comes early in the spring, late in April, or early in May. In lakes of 20 or 30 acres the warm layer will be formed at that time and the bottom water is then cut off from access to the external air. In lakes a mile or two in length this formation comes late in May or early in June, and at that time the lower water will be cut off. In the larger lakes from 6 to 8 miles long, like Lake Mendota, Lake Geneva, or Green Lake, the final formation of this layer is still further delayed until the latter part of June or early July; so the bottom water is cut off from access to external air for very different lengths of time in different lakes.

And still further: The amount of the oxygen in the lower water depends not merely on the length of time that the bottom water is cut off from the external air, but it depends also upon the amount of decomposable material discharged into it by the upper water and on the volume of lower water, which, in turn, depends on the depth of the lake. If the amount of life in the lake is small, the amount of material which decomposes in the bottom water is small, and the exhaustion of the oxygen goes on with corresponding slowness. If the volume of the lake is great, as in Green Lake (237 feet deep) the amount of oxygen is correspondingly great, and it is not readily used up. If the lake (like Mendota) is shallow and has an enormous amount of plant life in the upper water, so that there is a continual and rather rapid rain of organic matter dropping down into the lower water, decomposition goes on rapidly, aided also by the comparatively high temperature of the bottom water; and the oxygen is exhausted at a comparatively rapid rate.

Then again, in the case of the smaller lakes, the amount of decomposable matter coming from the margin of the lakes increases proportionately—the smaller the lake the larger the margin with reference to the volume of the water of the lake. There is a zone around the edge of any lake in which the bottom plants will grow. This zone does not differ in breadth in proportion to the size of the lake, so that in a small lake the

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central part which is free from bottom growth is smaller proportionately than in the large lake, and the material washed into the deeper water from the margin and the banks is correspondingly greater in the smaller lake. Then, too, the leaves which are blown from the land into lakes of 20 or 30 acres in area, or even larger, form a very important addition to the decomposable material on the bottom. The result of all this, in those small ponds and lakes so common in the kettle moraine of Wisconsin, is that the bottom water is cut off from access to oxygen at an early period in the spring, and that a great amount of decomposable material of all kinds is present. It follows that there is a long period during which there is no oxygen in the lower water, and consequently no animal life, and the bottom of the lake is composed not of mud but of partially decomposed organic material in which higher organisms are unable to live.

I have indicated in diagrams, some of the conditions which we find in certain of these other lakes, to show you some of the variations which may occur.

I will speak first of Green Lake, which resembles much more nearly the condition found in the Great Lakes than does any other inland lake of Wisconsin. This is a lake of some 8 miles in length, 2 miles in width, with a depth of 237 feet. It is 100 feet deeper than any other inland lake in Wisconsin. The life of the lower water of Green Lake is not very different from that of the Great Lakes, and when we note the oxygen story, we can see some reason for this fact.

Fig. 9 shows the distribution of temperature and oxygen on August 20, therefore comparatively late in the summer season. You will notice that in this diagram each vertical space stands for 10 meters instead of 5, as in the case of the other lakes, while the horizontal scale is the same as in the other diagrams. The lake shows a temperature of about 21.5° C at the surface, falling slightly to a depth of 9 meters, and then declining rapidly to about 20 meters. From that point to the bottom the decline is slow until at a depth of 70 meters a temperature of 5.7° is reached. I may say in passing that there are no lakes in Wisconsin in which the bottom temperature remains at 4° C during the summer. Even in this lake, 237 feet in depth, the bottom

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temperature is always greater than that of the maximum density of water. The action of the wind in the spring is sufficient to circulate the whole mass of water and to give it an opportunity

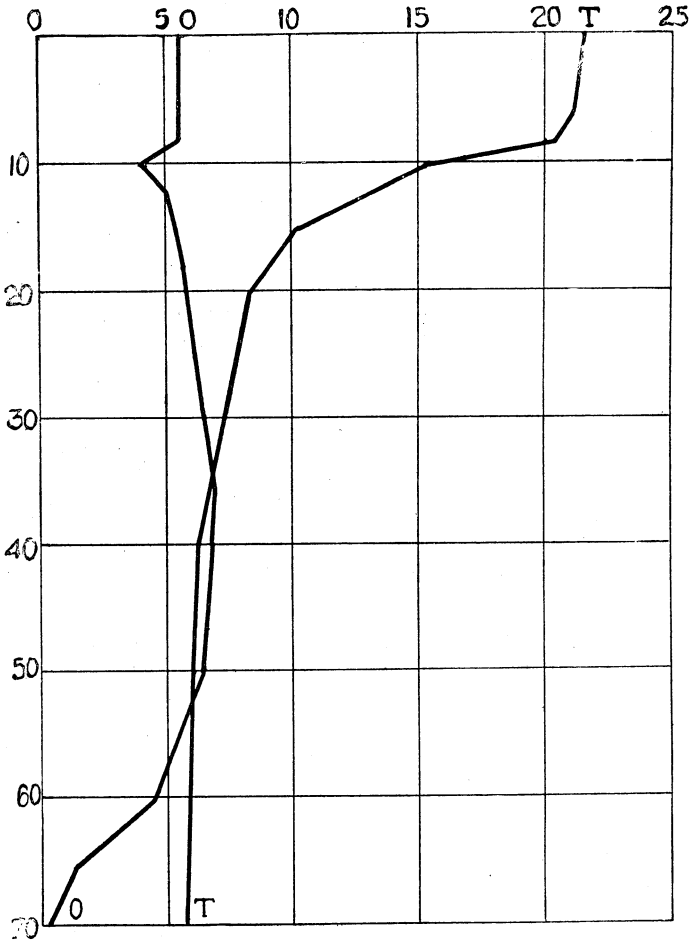


Fig. 9—Green Lake, Sept. 6, 1905.

to warm up a degree or two above the temperature which gravity alone would give it. The distribution of oxygen is quite different from that shown in any of the preceding diagrams. At the surface the amount is about the same as in other lakes and there

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is a marked decline in the oxygen at the upper part of the cool water. Then the oxygen begins to increase, becomes greater than the amount found at the surface, and at the depth of 40 meters is nearly 7 cc. per liter. From the depth of 50 meters it declines, until at the bottom only a fraction of a cubic centimeter is left. This abundant supply of oxygen in the lower water depends on the great volume of this water in comparison to the amount of decomposable matter discharged into it. The water absorbed large quantities of oxygen during the fall and winter and only a part of this stock has been exhausted, most rapidly at the bottom and at the upper part of the cool water—the two places where the greatest amount of chemical activity seems to take place. The oxygen nowhere becomes so low as to make it impossible for a considerable number of animals to live in the water and in the mud beneath it.

Green Lake is the only lake in Southern Wisconsin in which an oxygen curve of this character could be drawn. In most lakes the bottom water is practically devoid of oxygen in late August.

In Lake Mendota the whole of the cooler bottom water becomes oxygen-free at a comparatively early period of the summer and there is a long period there when the lower water cannot be utilized by animals. If this statement were true of all lakes, the smaller lakes would have only a very shallow surface stratum which could be utilized. But in many smaller lakes an operation goes on which materially increases the amount of oxygen and the thickness of the stratum of water which is inhabited by animal life. Figure 9 shows the distribution of oxygen found on August 16 in Beasley Lake.

Beasley Lake is a little lake about one-quarter of a mile long and half as wide, a kettle-hole, one of a chain of lakes at Wau-paca, in central Wisconsin, and one which shows, by the way, about as low bottom temperatures as any Wisconsin lake. You will notice that the temperature of the water begins to fall at a depth of 4 meters, or only about 13 feet below the surface. You will see also that the oxygen curve does not follow the temperature curve as it does in Lake Mendota, but that instead of decreasing the oxygen increases in the cooler water, so that at a depth of 6 meters there is a very large amount—11.2 cc. per

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liter. At 8 meters there is still as much as at the surface but below this depth it rapidly declines until a little below 9 meters no oxygen is left. This lake gets from the surface water and from the shore a great amount of decomposable material and one might expect that the oxygen would be very promptly exhausted up to the top of the cool water, especially as the warm upper stratum is formed early in May or even late in April. The diagram, however, shows that the facts are very different and that the upper part of the cool water, so far from being

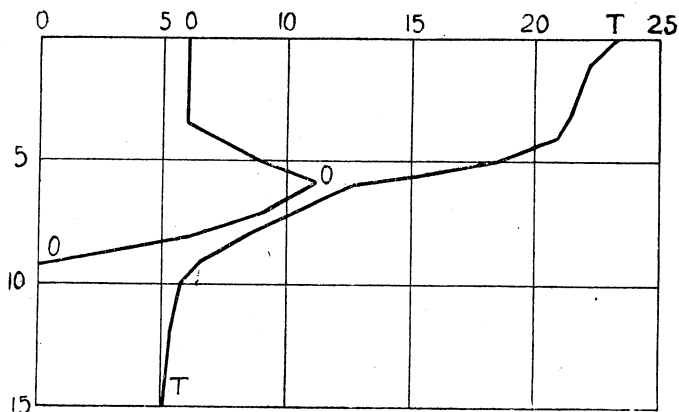


Fig. 10—Beasley Lake, Aug. 16, 1905.

poorer in oxygen than the upper stratum, has a much larger amount. The cause of this great amount of oxygen is as follows: The transparency of the water is such that the algae of the water can grow at a depth considerably greater than the top of the cold water; and these algae, lying as they do in the water which is not distributed by circulation,—the cool water lying below the warmer stratum,—get light enough to utilize as food the carbon dioxide and the other products of decomposition that come to them, and they liberate free oxygen as a result of that process. Thus we get in the upper part of the cool water not merely the normal supply but an over-saturation of oxygen, an amount which could not be held in the water at all if that water were at the surface. In this way the thickness of the layer of water which is available for animal life is practically doubled

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in this lake by the pressure of the oxygen which is manufactured by the plants.

The diagram of Elkhart Lake, Fig. 11, shows the same thing. This is a lake about 110 acres in area, and 112 feet in depth, 34

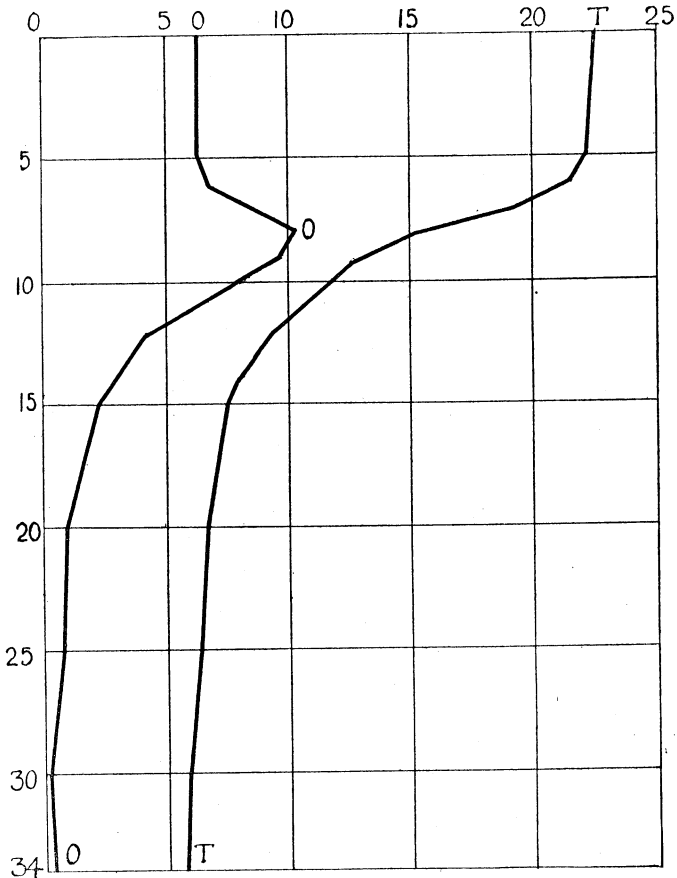


Fig. 11—Elkhart Lake, Aug. 23, 1905.

meters. The upper stratum, the layer of warm water, is about 6 meters in thickness, and the temperature falls off very rapidly from that depth. At 6 meters the oxygen begins to show an increase; at 8 meters a maximum of oxygen is reached amounting to more than 10 cc. per liter. It does not begin to fall off very

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greatly until 10 meters have been reached, and even at 12 meters there is still a somewhat abundant supply. From that point it declines until it practically reaches zero, although it does not get absolutely to zero at any point in this lake—at least not in August, so far as our observations go. So that in this lake also the stratum which is available for animal life is by this action of the plants increased from a thickness of perhaps 6 meters to 12 or more meters.

How great an effect the condition of the gases may have on lakes can perhaps be well illustrated by a lake whose gases have not yet* been investigated. Mr. Hankinson who is working on Walnut Lake in Michigan, has been telling me today of the results he has found in the study of the life of that lake. The lake is about a mile in length and half that in breadth, and 110 feet in depth. It is a lake that is not far different in these conditions from Rainbow Lake, Okauchee Lake, Nagowicka Lake and numerous other lakes in Wisconsin.

In Walnut Lake, as I am told, the bottom is very thickly covered with insect larvae which are living in the mud and feeding on the lower organisms which live at all depths, and both insects and lower crustacea supply food for fishes. The true whitefish is found in fair numbers in this lake. Our southern Wisconsin lakes lack oxygen in the bottom water; insect larvae, therefore, cannot live at the bottom. Oxygen is cut off from all of the lower water early in July and does not increase there again till October; and the result is that the bottom waters of our lakes are poor in life, and there is no possibility of raising in these lakes those fish that must live in cool water and must find in the deeper parts of the lake a large supply of food and air.

In printing this paper I have added another diagram (Fig. 12) based on observations made after its delivery. It shows the distribution of oxygen and temperature in Trout Lake, as found by us during the present season and perhaps indicates conditions a little like those of Walnut Lake. This lake has a depth of about 100 feet, with a length of about 4 miles, and a breadth of 2.5

*July 26, 1906.

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miles.. It is in two parts, however, which are connected by a narrow opening only. The diagram is taken from the southern and larger portion, which is about 2 miles long, divided by islands into two or more basins. In this lake true whitefish (*Coregonus*) and

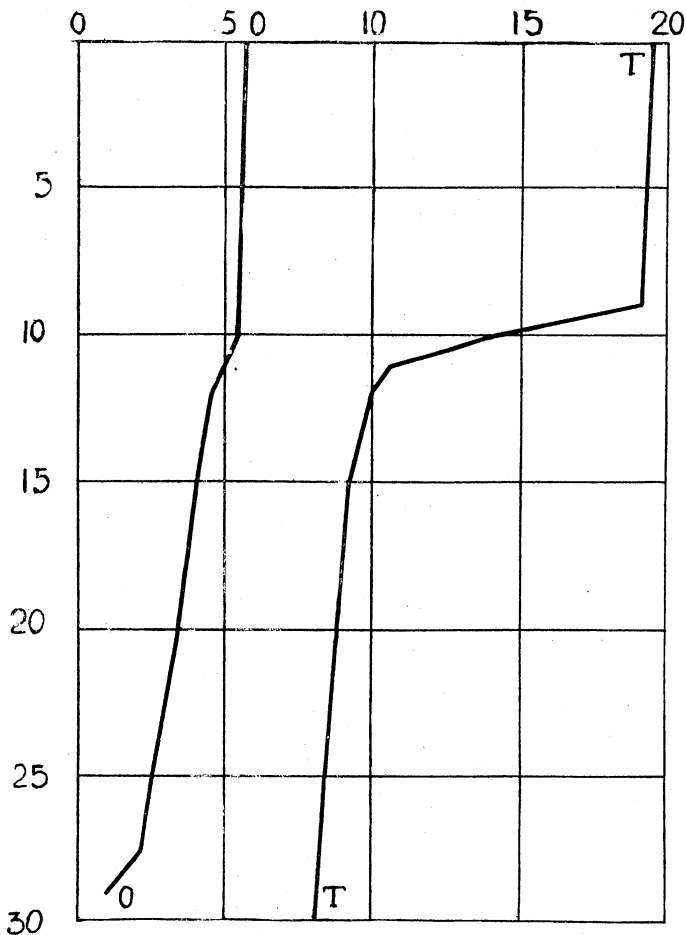


Fig. 12—Trout Lake, Sept. 7, 1906.

lake trout are found; the latter inhabiting the deep water during summer. The diagram shows that although the oxygen declines in the lower and cooler water, it declines very slowly and that there is a considerable amount until the very bottom

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of the water is reached. Lake trout are able to live, as our observations have shown, even in the oxygen-poor water of the bottom. There is a marked contrast between the oxygen content of the lower water in this lake and that of any of the lakes of similar depth in Southern Wisconsin, and this difference is probably due mainly to the very small amount of animal and vegetable life found floating in the open water of Trout Lake. Very few lakes in Northern Wisconsin have been examined carefully, but Trout Lake is the poorest in this respect of all the lakes which we have studied.

The oxygen and other gaseous conditions of the water in general and of the bottom water in particular, are prime conditions of life, which determine not only the lower life but the possibilities of the higher life of the lake also; and for this reason I have brought the story thus briefly to your attention. You will, of course, understand that I have sketched only the outlines, and that there are many details and modifications which I have omitted. The whole subject of the gases dissolved in the waters of the Wisconsin lakes is being studied by the Wisconsin Geological and Natural History Survey. We began the study last year and the field work is continued during the present season. We hope to publish at an early date a full account of the results of our investigations which concern not only the oxygen but the nitrogen and the carbon dioxide and, to some extent, the other gases produced by decomposition in the lower water.

Mr. Titcomb: I want to ask Dr. Birge if he has in any way observed the movement of fish with reference to the changes in temperature of the depths. Take for instance, the lake trout which inhabit the very deep waters in August, and in June, we will say, may be found in four feet of water or near the surface.

Dr. Birge: I have not been able to follow the fish. As yet we have not had money enough to chase both gas and fish at the same time.

Mr. Titcomb: One more question: This is a subject that interests me a good deal because I have for a long time had a great desire to locate a hatchery with a lake as a water supply for the propagation of salmon and trout, and have an unlimited supply of water from the lake. Now almost every trout and

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salmon lake that I know of gets too hot on the surface, and it would be practically impossible to take surface water from even a trout lake of large area and supply a hatchery to rear fish in the summer time. My idea was to regulate the temperature, possibly varying it to suit conditions by taking it at varying depths. I am surprised to see there is so little variation in the first 8 meters, because I have tested lakes where there was much more variation in less depth, but this brings in the subject in such way that when we consider a water supply of that sort we must go into it more fully than I had thought, and consider the supply of oxygen and action of gases, as well as of temperatures.

Dr. Birge: The depth to which the warmth of summer will extend is primarily a function of the size of the lake, of course granting that the lakes are in the same general region. A lake further north will not be as warm as one further south; but in the case of lakes within 50 miles of each other, the larger the lake the thicker the warm layer will become, as you will see from the fact that it depends primarily on the action of the wind.

You will notice in the diagram of Lake Mendota the cold layer starts at 8 meters and goes down to the bottom. In Elkhare Lake, which is only 110 acres in extent, the warm layer is about 5 or 6 meters in thickness; and in Beasley Lake the warm layer is only 4 meters in thickness. The warm layer in August in this lake is about as thin as you can find it in anything you can call by courtesy a lake. A lake of 15 or 20 acres will show as thick a layer as that. So that you will have to go deeper than that for cold water. If you think of using a lake in the way you speak of, you ought to visit the lake in August or in September, and ascertain what the gas conditions are in the lower water. In the cool water from Lake Mendota, the fish will die quicker than on land. If you put a fish into this water and keep him where he cannot get his mouth out, and get air, he will struggle and keep his gills working with the result that the oxygen will get out of his blood instead of going into it; whereas, if he were out on land, he would simply wait until he had used up himself all the oxygen which he had. There are other gases which develop in the lower water, but so far as I

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know, those gases are not directly poisonous to animal life. The carbon dioxide does not seem to affect the animal life directly. But the question of the amount of oxygen is very important. You could pump water out of the deeper waters of Green Lake, for instance, to supply a hatchery and it would be perfectly satisfactory, so far as oxygen is concerned, though I am not sure that you would not be troubled even in that water with an excess of nitrogen.