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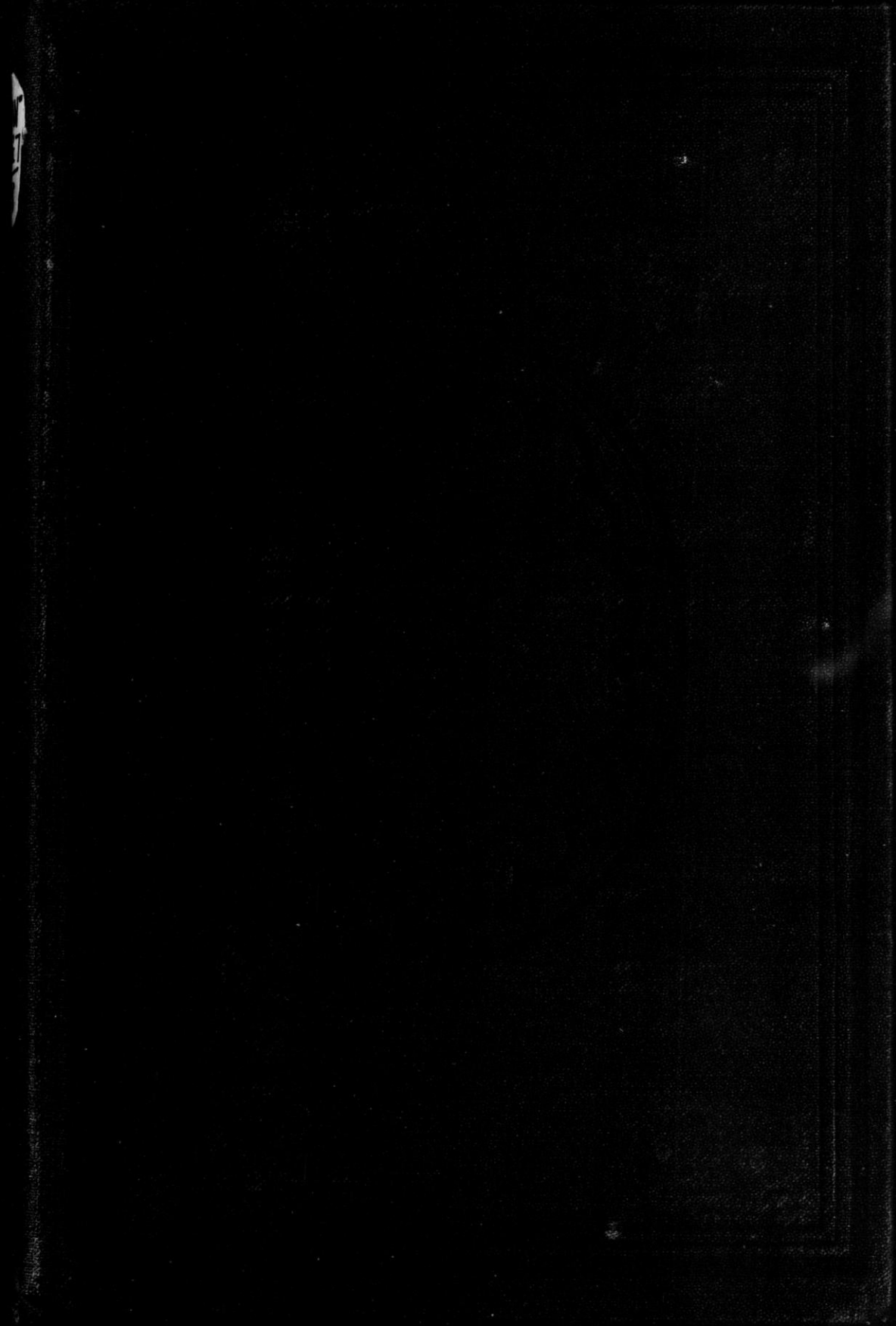
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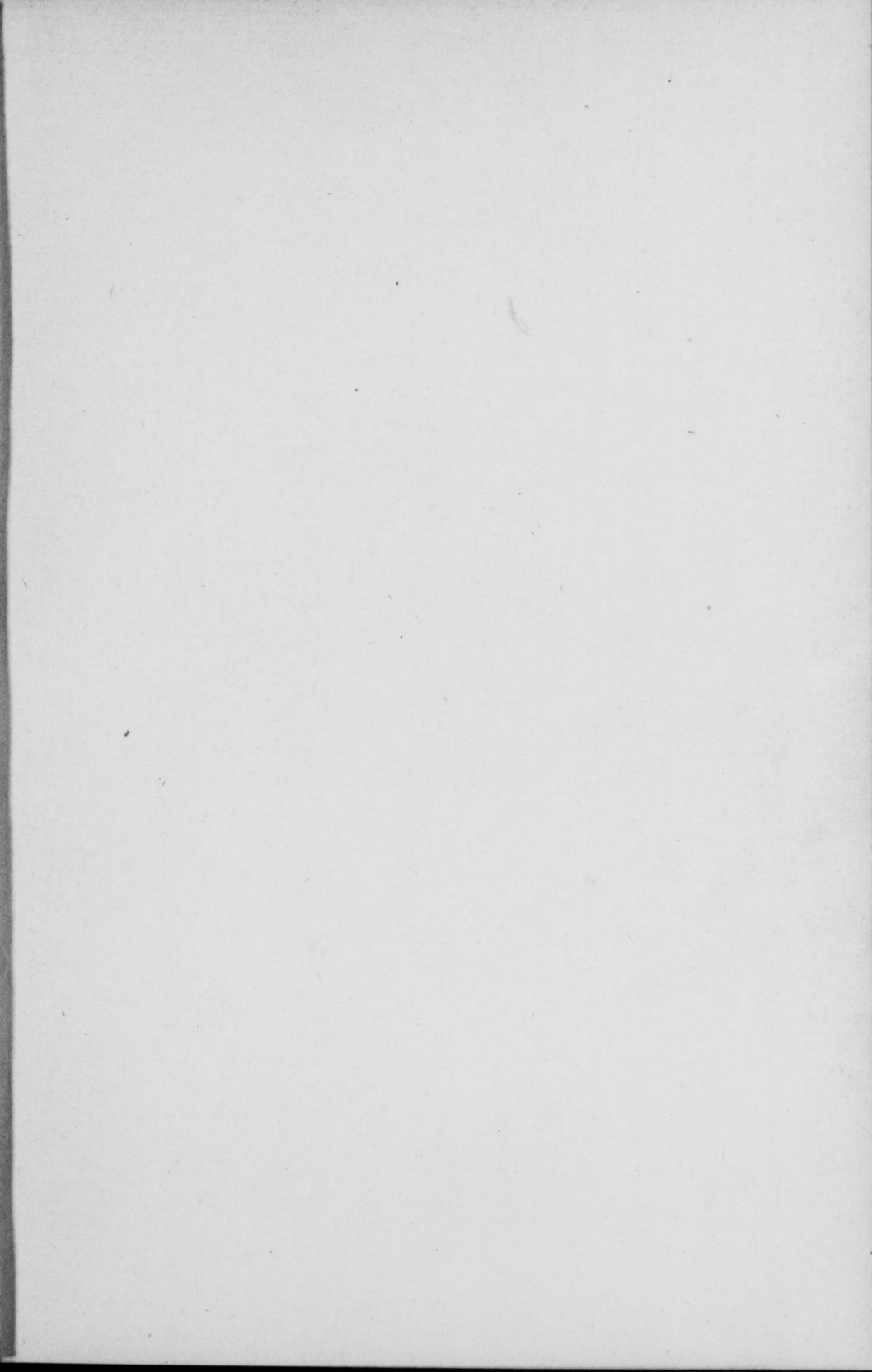
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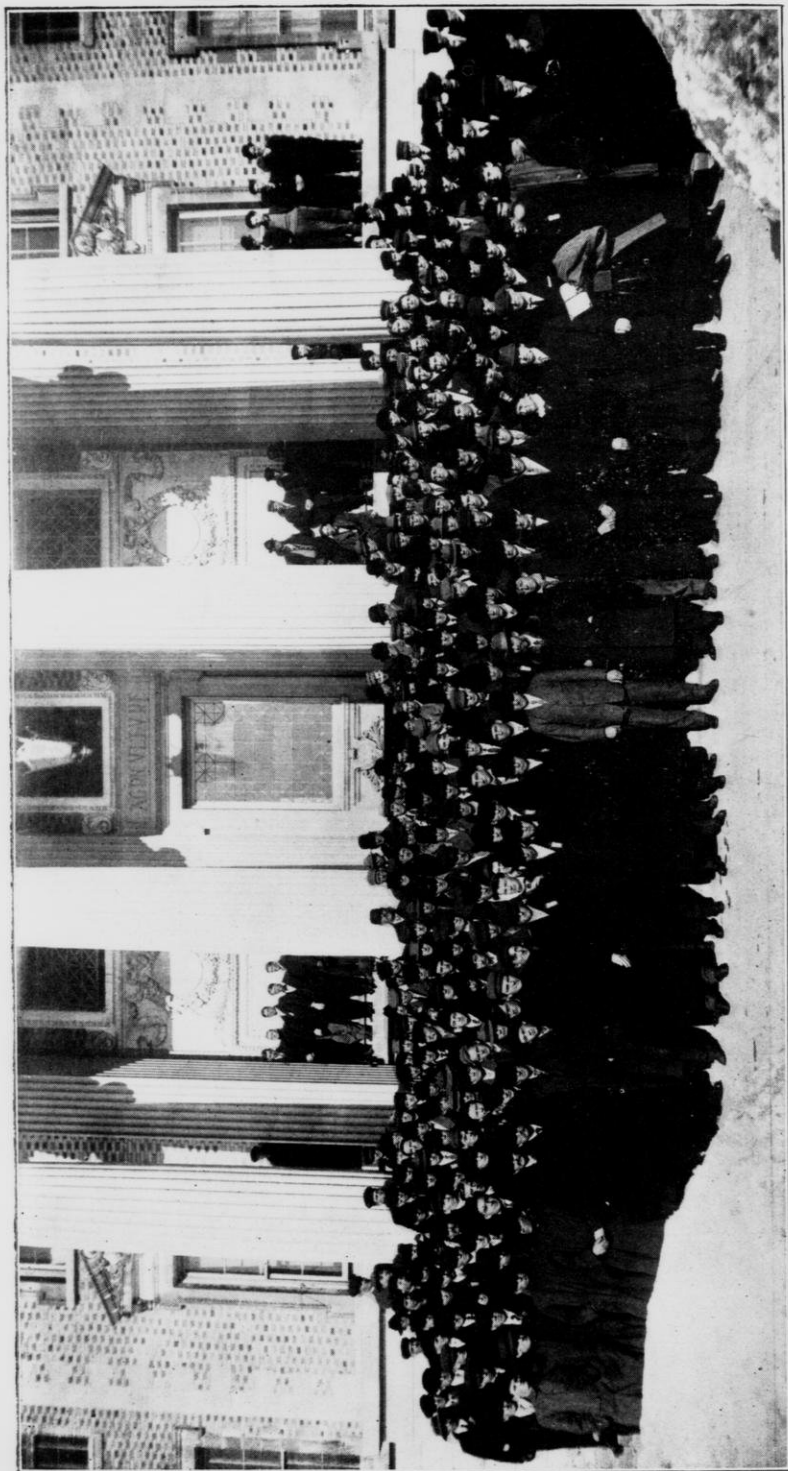
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Ninth Annual Meeting of the Wisconsin Experiment Association, Agricultural Hall, Madison, February, 1910.

EIGHTH ANNUAL REPORT

OF THE

WISCONSIN

Agricultural Experiment Association

Madison, Wis., February 4, 5, 1910.]

ADDRESS OF PRESIDENT, SECRETARY'S REPORT WITH PAPERS AND
ADDRESSES GIVEN BY MEMBERS OF THE ASSOCIATION AND
OTHERS INTERESTED IN PROGRESSIVE AGRICULTURE

Compiled by

R. A. MOORE, Secretary.



MADISON

DEMOCRAT PRINTING COMPANY, STATE PRINTER

1910

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LETTER OF TRANSMITTAL.

WISCONSIN AGRICULTURAL EXPERIMENT ASSOCIATION.

Madison, Wis., 1910.

To His Excellency, JAMES O. DAVIDSON,

Governor of the State of Wisconsin:

SIR—I have the honor to submit for publication, as provided by law, the Eighth Annual Report of the Wisconsin Agricultural Experiment Association, showing the receipts and disbursements the past year, also outlines for experiments, and addresses and discussions given at the annual meeting at Madison, February 4-5, 1910.

Respectfully submitted,

R. A. MOORE,

Secretary.

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OFFICERS, 1910.

President—C. P. Norgord.....Madison
Vice President—A. G. Austin.....Janesville
Secretary—R. A. Moore.....Madison
Treasurer—H. N. Longley.....Dousman
Clerk and Stenographer—Idalyn Bibbs.....Madison

COMMITTEES.

Program: Officers of the association.

Executive: Presidents and Secretaries of the County orders
of the Wisconsin Experiment Association.

Resolutions: H. P. Howell.....Sparta
A. J. Meyer.....Howell, Mich.
H. A. Main.....Ft. Atkinson
Wm. F. Renk.....Sun Prairie

Co-operative Farm Crops.....R. A. Moore

Experiments: Soils.....A. R. Whitson
Farm Engineering.....C. A. Ocock
Agricultural Chemistry.....E. B. Hart
Agricultural Extension.....K. L. Hatch

CONSTITUTION AND BY-LAWS:

CONSTITUTION

Article I.—Name

This organization shall be known as the Wisconsin Agricultural Experiment Association.

Article II.—Object

The object of this association shall be to promote the agricultural interests of the state:

1st. By carrying on experiments and investigations that shall be beneficial to all parties interested in progressive farming;

2d. To form a more perfect union between the former and present students of the Wisconsin College of Agriculture so as to enable them to act in unison for the betterment of rural pursuits in carrying on systematic experiments along the various lines of agriculture;

3d. By growing and disseminating among its constituency new varieties of farm seeds and plants;

4th. By sending literature bearing upon agricultural investigations to its membership, and

5th. By holding an annual meeting in order to report and discuss topics and experiments beneficial to the members of the association.

Article III.—Membership.

Section I. All former, present and future students and instructors of the Wisconsin College of Agriculture shall be entitled to become members of this association.

Sec. II. Honorary membership may be conferred upon any one interested in progressive agriculture by a majority vote at any annual or special meeting of the association.

Article IV.—Dues.

A fee of fifty cents shall be collected from each member annually.

Article V.—Officers.

The officers of this association shall consist of a president, vice-president, secretary, and treasurer, whose terms of office shall be one year or until their successors are elected.

Article VI.—Duties of Officers.

Section I. It shall be the duty of the president to preside at all meetings of the society and enforce the observance of such rules and regulations as will be for the best interest of the organization; to appoint all regular committees as he may deem expedient for the welfare of the association.

Sec. II. In the absence of the president, the vice president shall preside and perform all duties of the president.

Sec. III. It shall be the duty of the secretary to keep all records of the association; to report the results of all co-operative experiments carried on by its membership and the experiment station, plan the experimental work for the members of the association, and labor for the welfare of the society in general.

Sec. IV. The treasurer shall collect fees, keep secure all funds of the association and pay out money on the written order of the secretary signed by the president. He shall furnish bonds in the sum of two thousand dollars with two sureties, for the faithful performance of his duties.

Article VII.—Amendments.

This constitution may be amended at any annual meeting by a two-thirds vote of the members of the association present.

Amendment No. 1.—Adopted Feb. 9, 1906.

Any person residing within the state having completed a course in agriculture in any college equivalent to that given by the Wisconsin University may become a member of this association under the same regulation as students from the Wisconsin College of Agriculture.

Amendment No. 2.—Adopted Feb. 11, 1909.

Any County Agricultural School within the state may be admitted to membership of the Experiment Association upon request by the principal of such school and the payment of an annual fee of \$1.00.

By-Laws.

BY-LAWS.

Article I. The officers of this association shall be elected by ballot at the annual meeting.

Art. II. The president and secretary shall be ex-officio members of the executive committee.

Art. III. This association shall be governed by Robert's Rules of Order.

Art. IV. All members joining at the organization of this association shall be known as charter members.

Art. V. The time and place of the annual meeting shall be determined by the executive and program committees.

Constitution adopted and organization effected Feb. 22, 1901.

MEMBERSHIP, 1910

(Arranged in alphabetical order.)

Names.	Post-Office Address.	Names.	Post-Office Address.
Aarness, O. C.	Cashton.	Austin, Henry L. ..	Evansville.
Aavang, H. O.	Barneveld, R. 1.	Austin, W. B.	Janesville.
Aberg, Jacob	DeSoto.	Austin, Wilbur D. .	Janesville.
Accola, John F.	Prairie du Sac.	Austin, Willard O. .	Milton.
Accola, Lawrence ..	Steuben.	Axley, Walter	Cleveland.
Adams, A. E.	Eden.		
Adams, Lester B. .	Lowell.		
Adams, Richard F. .	Campbellsport.	Babcock, Chas. L. ..	Milwaukee 405 Colby-Abbott Bldg.
Aderhold, H. F.	Athens.		
Adland, P. H.	North Cape.	Backus, F. G.	Kewaskum.
Ahlers, Walter	Grafton.	Baer, A. C.	West Bend.
Akins, Clyde E.	Warren, Illinois.	Baertlein, V. J.	So. Germantown.
Alberts, Will	New Richmond.	Baertlein, Wm. A. .	So. Germantown.
Alcalay, S. J.	Columbus, Ohio, 1621 Neil Ave.	Baesemann, Otto ...	Edgar.
		Bailey, H. E.	Hudson.
Allen, C. L.	Eau Claire.	Baird, Jas. W.	Waukesha, R. 2.
Allen, E. S.	Claremont, Va.	Baird, Robert L. ...	Waukesha.
Almon, Perry T.	Weyauwega.	Baird, W. L.	Waukesha.
Amodt, Marcus	Viroqua.	Baker, O. E.	Madison.
Anaoker, B.	Portage.	Bancroft, Benj. T. .	Rio.
Anderley, Louis	Kendall.	Bannen, R. E.	Boscobel.
Anderson, A. W.	Portage.	Barker, E. S.	Janesville.
Anderson, Alfred ...	Denmark.	Barker, W. H.	Brodhead.
Anderson, A. T.	Monroe.	Barron, R. E.	Platteville.
Anderson, H. C.	Cambridge.	Barstow, Jas. E. ...	Randolph.
Anderson, Lewis ...	Morrisonville.	Bartleson, H. C. ...	Pine River.
Anderson, L. H.	Highland.	Barton, C. R.	Mt. Horeb.
Anderson, Martin ...	River Falls.	Basse, Wm. H.	West Allis, R. 5.
Anderson, Theo.	Waterville, Iowa.	Batho, Lester	Plum City.
Anderson, T. E.	Chetek, R. 1.	Batten, S. E.	Hudson.
Anderson, Ubbe	Melrose.	Bauer, A. H.	Manitowoc, R. 2.
Andrews, A. L.	South Wayne.	Bayles, Rollo	Dane.
Angvick, Lars	Cottage Grove.	Bean, R. P.	DeSoto.
Annear, Rolland	Richland Center.	Bechtolt, A. B.	Browtown.
Anthes, Henry	Jefferson.	Bechtolt, J. D.	Browtown.
Anthony, David C. ...	Oregon.	Beck, J. D.	Madison.
Arms, Edward	Fountain City.	Becker, Harry J. ...	Ft. Atkinson.
Arnold, Arthur A. ...	Kiel.	Behm, Walter F. ...	Manitowoc.
Arnold, Philip	Edgar.	Behrens, Bernh. ...	Grafton.
Arnold, Walter C. ...	Lake Geneva.	Beilke, Walter	Fairwater.
Arnott, Grace M.	Stevens Point.	Beimer, Geo.	Salem.
Arnquist, J. F.	New Richmond.	Beitel, Perry A. ...	Rochelle, Ill., R. 3.
Ashton, Lester	Belmont.	Bekken, Oscar	Bloomer.
Atwood, P. W.	Waupun.	Belda, Wm. F.	DeForest.
Austin, A.	Janesville.	Bell, George S.	Madison, 1711 Jefferson St.
Austin, Alva G.	Janesville, R. 6.		
Austin, Alvina L. ...	Evansville.	Bender, Fred., Jr. .	Cleveland.
Austin, Clifford P. .	Janesville.	Benedict, E. L.	Beloit, R. 30.
Austin, Elmer E.	Brodhead.	Bendickson, I. E. ...	Cambridge.
Austin, George M. ...	Janesville, R. 6.	Bennett, C. S.	Somers, Montana.
Austin, George M. ...	Janesville.		

MEMBERSHIP LIST—continued.

Names.	Post-Office Address.	Names.	Names.
Bennett, H. J.	Cherry Valley, Ill.	Brodtt, Clarence D.	Bridgeport.
Bennett, Wm. L. ...	Stanton.	Bromley, Fred G..	Whitewater, R. 4.
Benson, Ed., E.	Mt. Horeb, R. 5.	Brooks, Homer H..	Hopkinton, Iowa.
Berg, Carl J.	Tigerton.	Brotherton, Alvin .	Colby.
Berge, Anton O.	Valders.	Brown, A. A.....	Waterloo.
Berge, Oscar A.	Valders.	Brown, E. D.....	West Salem
Berge, Otis I.	Valders.	Brown, Monro	Bay City
Bergum, Albert B. ...	DeForest.	Brown, R. P.....	Hartland, R. 21
Bergum, Andrew ...	DeForest.	Brown, Wm.	Spring Valley.
Bergum, P. B.	DeForest.	Brue, N. H.	De Forest.
Berns, F. H.	Guttenberg, Ia.,	Brueckner, H. C... .	Ft. Atkinson.
Bestul, Martin	Scandinavia.	Brueckner, Justus.	Jefferson.
Beule, Elmore A. ...	Beaver Dam.	Bruhn, John F. ...	Two Rivers, R. 1.
Bewick, W. M.	Sun Prairie.	Brunner, Ed. Z....	Monroe, R. 45
Bewick, Wm. W. ...	Madison, 824	Brunner, Fred F... .	Hudson.
	W. Johnson St.	Brunner, R. W.....	Hudson.
Beyer, George	Sturgeon Bay	Bruning, Jacob	Shermerville,
Beyreis, C. E. M. ...	Dorchester		Illinois.
Biglow, L. F.	Brooklyn	Bryson, Donald L.	Elizabet, Ill.
Bilderbach, W. T. ...	Mondovi	Buckley, Lawrence	Kilburn.
Bilkey, J. W.	Madison, Mo-	Buddenhagen, E. E.	Neillsville.
	nona Farm.	Bullock, James P..	North Bend.
Bille, J.	Waupaca.	Burce, Ruth E.	Eau Claire.
Bingham, E. L.	Milton.	Burt, Charley	Brodhead.
Bingham, H. L.	Milton.	Busch, Andrew F..	Spooner.
Birrenkott, M. J....	Klevenville.	Bussewitz, Orla J..	Juneau.
Bixby, Phil T.	Appleton.	Bussewitz, R. H. ...	Reeseville.
Blackwell, Leslie C	Waukesha.	Bussewitz, W. E....	Juneau.
Blakely, Albert J.	Neenah.	Bussey, W. P.....	Omro.
Blank, Geo. A.	Grafton.	Butler, G. C.....	Merton.
Blankensee, Clar-	Madison, 513	Buzzell, Roy C.....	Randolph.
ence	State St.		
Bliss, George M....	Warrensburg,	Cade, Joseph M....	Viroqua.
	Missouri.	Caldo, Leslie	Janesville, R. 1.
Block, A. F.	Brandon.	Capener, Howard H.	Portage.
Blumer, Ezra Jr..	Monroe, R. 4.	Cardenas, F. F.....	Saltito Coah,
Boardman, Benj. .	New Richmond.		Mexico.
Bohl, Anton, Jr.....	Beaver Dam.	Carey, Jas.	Fruitland, Utah.
Bohoney, John	Prairie du Chien	Carlson, A. T.....	Augusta.
Bollig, F. A.	Black Earth.	Carlson, Nels P.....	Hudson.
Bonzelet, J. P.....	Eden.	Carmody, Daniel .	Mt. Ida.
Booth, Guy A.	Cuba City.	Carmody, P. J.....	Mt. Ida.
Booth, Lester G....	Cuba City.	Carncross, J. E....	Okee.
Borck, Sam	No. Freedom.	Chambers, O.	Union Grove.
Boss, Sam J., Jr..	Oshkosh, R. 7.	Chase, A.	Knapp.
Boss, Ulrich	Oshkosh, R. 7.	Chase, J. P.....	Sun Prairie.
Bosshard, Eugene..	Bangor.	Chatterton, R. W..	Basco.
Boston, W. J.....	Stevens Point.	Cherveny, Wenzel .	Kewaunee, R. 2.
Boucsein, Gust L..	Detroit Haroor.	Chetlain, Louis A..	Galena, Ill.
Boudnik, John	Kewaunee, R. 7.	Chipman, W. R....	Morrisonville.
Boyce, Charlotte ..	Dane.	Chrisler, Alvin A..	Lodi, R. 1.
Boyd, Jas. T.....	Waukesha, R. 7.	Chrisler, Elmer A..	Lodi, R. 41
Bradley, H. C.	Hudson.	Chrisler, Harley E.	Lodi.
Bradley, J. Frank.	Somers.	Christenson, Emh..	Hartland, Ill.
Bradley, Roy	Randolph.	Christiansen, W. O.	Chippewa Falls.
Brandt, Elmer H..	Clayton, Iowa.	Christoff, Theo. F.	Chilton.
Brekke, Anton B..	Rosholt.	Church, W. H.....	Lodi.
Brehn, E. A.	Colby.	Chynoweth, H. E....	Madison.
Bremer, Felix E....	Hustisford.	Clark, Chas. F.....	Babcock.
Bremer, Paul	Saukville, R. 1.	Clark, J. J.....	Berlin.
Brentner, George F	Lake Geneva.	Clark, W. E.....	Stevens Point.
Brereton, Hugh H.	Lodi.	Clausing, Adolph ...	Thiensville.
Brereton, Lawton..	Dane.	Clavadatscher, T. ...	Sauk City.
Brereton, Thos. D.	Lodi.	Clusen, Reinhold..	Manitowoc, R. 6.
Brickson, A. C....	McFarland.	Coates, Clinton J..	Elkhorn, R. 6.
Brickson, Andrew..	Cottage Grove.	Cobleigh, Rollo S..	Delton.
Briggs, E. T.....	Fond du Lac.	Coffin, Russell H... .	Rockford, Ill., R. 7.
Briggs, Lynn W....	Peebles.	Coit, H. W.....	Darien.
Briggs, J. W.	Peebles.	Coldwell, John	Mazomanie.
Brigham, Chas. I..	Blue Mounds.	Colladay, C. M.....	Madison.
Britzke, Paul	London.	Colladay, W. E....	McFarland.
		Collin, D. W.....	Luxemburg.

MEMBERSHIP LIST—continued.

Names.	Post-Office Address.	Names.	Names.
Collins, Edmund ..	Tavera.	DiVall, W. F.	Montfort, Bx 27.
Collins, Robert	Tavera.	Donaldson, H. A. ..	Eau Claire.
Conant, W. A.	Temple, New Hampshire.	Donovan, Frank ...	Van Dyne.
Connell, Clarence J	Colgate, R. I.	Dopp, Paul B.	Waukesha.
Convey, Thos.	Ridgeway.	Dougan, W. J.	Beloit, R. 30.
Cook, Geo. L.	Burlington.	Douglas, Robert J. .	Juda.
Cook, Joe C.	Burlington.	Dow, Everett J.	Whitewater.
Cook, Oscar M.	Apple River, Ill.	Doyle, W. A.	Brodhead.
Cook, Winifred	Deer Park, R. 1.	Dreger, E. L.	Madison, R. 6.
Coon, Elam P.	Milton Jct.	Dresser, J. G.	Beloit.
Cooper, Joe	Pewaukee.	Dreutzer, C. B.	Sturgeon Bay.
Cornelius, E. C.	Monroe.	Dukleth, J. O.	Waterford.
Corley, Fay H.	Tower Hill, Ill.	Dunbar, Harry D. .	Elkhorn.
Costello, Dan A.	Fond du Lac, R. 5.	Durand, Mrs. G. G.	Lake Bluff, Ill.
Coulter, Dean	Ohio, Ill.	Dworak, Henry A. .	Kewaunee.
Coulter, Harry S. ...	Randolph.		
Craig, George D.	Oconomowoc, R. 26.	Eagan, J. J.	Wautoma.
Cramer, Joe	Menomonie.	Eastman, J. S.	Madison, 611 State St.
Cross, A. J.	Allenville.	Eggert, Gust.	Two Rivers, R. 1.
Cubela, Jos. M.	Muscoda.	Eggler, V.	La Crosse, R. 1.
Cull, James, Jr.	Mt. Hope.	Einfeldt, Albert ...	Greenwood.
Curran, W. F.	Taylor.	Eisenmann, H.	Mishicot.
Curtis, J. C.	New Lisbon.	Elkins, Arthur O. .	Amery.
Curtiss, Mark W.	Salem, R. 29.	Ellickson, A. C. ...	Arlington.
Curtiss, W. R.	Trevor.	Ellis, E. J.	Evansville, R. 19.
		Ells, R. H.	Darien.
Daellenbach, Chris.	Abbotsford.	Ellsworth, R. W. .	Tavera.
Dahl, A. J.	Viroqua.	Elver, E. C.	McFarland.
Daley, Julius	DeForest.	Emmert, H. L.	Johnson Creek.
Daley, O. S.	DeForest.	Emmert, Oris J. ...	Johnson Creek.
Daley, Thos.	McFarland.	Emery, Sydney L. .	Edgerton, R. 2.
Daly, R. E.	Washburn.	Emerson, O. R.	Chippewa Falls.
Damler, Walter F. .	Sun Prairie.	Enge, Eugene	Prairie du Sac.
Dance, George	Brookfield, R. 12.	Engel, George H.	Fountain City.
Dance, James	Brookfield.	Engleman, John ...	Hixton.
Davidson, W. L.	Verona.	Erdall, M. N.	Deerfield.
Davies, Elias	Markesan.	Erickson, A. L.	Reedsville.
Davies, Evan	Waukesha, R. 8.	Erickson, Clarence .	South Wayne, R. 1.
Davies, Llewellyn. .	Mineral Point.	Evans, Edgar	Wild Rose.
Davis, J. C.	Oshkosh.		
Davis, J. L.	DeSoto.	Faast, Ben. F.	Eau Claire.
Davis, L. H.	Bangor.	Falarsh, Frank	Peshtigo.
Davidson, R. W.	Sun Prairie.	Farwell, R. R.	Ridgeway.
Defnet, Jule J.	Casco, R. 21.	Fav, Albert W.	New Richmond.
De Forest, Theo. K.	Ann Arbor, Mich.	Felland, L. O.	Stoughton.
Delcorps, Louis	Sturgeon Bay.	Ferris, Sherman ...	St. Croix Falls.
Delwiche, E. J.	Ashland.	Fetting, Elmer	Cochrane.
Dennerlein, Arthur J.	Plymouth.	Fetting, Romeo	Cochrane.
Dennison, Nicholas.	No. Milwaukee, R. 10.	Finder, Fred C.	Van Dyne.
Derke, Adolph	Madison, R. 26.	Finsnes, A. I.	Chippewa Falls.
Derr, Gilbert	Columbus.	Fisher, Leslie	Viroqua.
Dettinger, Wm. F. .	Hixton.	Fisher, Perl	Viroqua.
Dettwiler, John	Monroe.	Fisher, Wm. G.	Middleton.
Dewire, M. E.	Hamilton, Ind.	Fleishauer, C. K. ...	Arkansas.
Dexter, Walter S. .	Kenosha, R. 34.	Flynn, John W.	Hartford.
Dibble, R. A.	Menomonee Falls.	Foerster, M. F.	Whitewater, R. 2.
Diderich, Nich. A. .	No. Milwaukee.	Foll, Walter	Deerfield.
Dieckhoff, John.	Randolph.	Follstad, Anton ...	Elcho.
Dienst, Arthur H. .	Hinckley, Ill.	Ford, J. F.	Mazomanie.
Dieter, Bert	Montfort.	Forehand, W. C. ...	Platteville.
Dieter, Wm. A.	Montfort.	Foth, F. D.	Norwalk.
Dietrich, John J. .	Black River Falls.	Fox, Phil, Jr.	Durand.
Dillon, Austin	DePere.	Frauenheim, O. R. .	Random Lake.
Dillon, James	DePere.	Frederickson, Fred.	Spring Green.
Dimond, Nicholas .	Montello.	Freeman, Geo. A. .	Sparta.
Dineen, C. F.	Pewaukee.	Fuller, Albert	North Lake.
Dipeen, Michael ..	Blue Mounds.	Fuller, Horace	North Lake.
		Fuller, Robert	Mishawaka, Ind.

MEMBERSHIP LIST—continued.

Names.	Post-Office Address.	Names	Post-Office Address.
Fuller, Roland	North Lake.	Gunderson, F. D. ..	Oconomowoc.
Funican, Wm.	Kendall.	Gustafson, Theo. ..	Stockholm.
Gade, Adolph	Reedsburg, R. 2.	Gustavson, Chas. ..	Manitowoc.
Gapen, Frank W.	Monroe.	Gutschenritter, F. J.	West Bend.
Gamerding, John ..	Kendall.	Gutfenberg, F., Jr..	Jefferson, R. 1.
Gangstad, J. O.	Deerfield.	Gwynne, Sam	Brodhead.
Gardner, Harry G. .	Monroe, R. 8, In care of E. C. Cor- nelius.	Haag, Frank	Care B. E. Austin.
Garey, James	Grimms.	Haag, Henry	Melrose.
Garside, Harry R. .	Cedar Grove.	Haegers, Martin ..	Melrose.
Gasser, Geo. W.	Spring Green.	Hagestad, A. C.	Luxemburg, R. 4.
Gaston, L. E.	Barrington, Ill.	Hageseth, Frank ..	Etrick.
Gehrand, Arthur A. .	Rochester.	Haigh, Gerhard	Menomonie.
Geigel, John	Monroe.	Hall, Frank	Cream.
Geller, Henry Wm. .	Woodbine, N. J.	Hall, John M.	Hartland, R. 21.
George, Russell	Seranton, Iowa.	Hall, W. H.	Hartland, R. 21.
George, W. R.	Corliss, Edola Frm.	Halvorson, A. E. .	Wenewoc.
Geraldson, Mervin .	Manitowoc.	Halvorson, Theo. .	Manitowoc.
Gerking, F. J.	Elk Mound.	Hamilton, T. S.	Kennan.
Germanson, Herbert	Luck.	Hanchett, W. H. .	Westfield, R. 1.
Gest, Chas.	Windsor.	Hanna, Oliver O. ...	Sparta.
Getschmann, Willie.	No. Freedom.	Hans, Joe T.	Mt. Horeb.
Ghastin, Floyd L. .	Twin Bluffs.	Hansen, Henry T. .	Jefferson.
Ghastin, Wm. J.	Twin Bluffs.	Hansen, Carl H. ...	Sparta.
Gibbard, P. J.	Ripon.	Hanson, Carl O.	Elk Mound.
Gierke, Erwin A. .	Waukesha.	Hanson, Carl O.	Hollandale.
Gigstad, Benneth .	Manitowoc.	Hanson, Harry	Camp Douglas.
Gilbertson, C. P. .	Arcadia.	Hanson, Henry O. .	Spring Valley, R. 4.
Gile, Fred.	Sharon.	Hanson, N. P.	Amherst Jct., R. 2.
Gillette, Rufus	Verona.	Hansen, Warner ..	Manitowoc.
Gillies, J. H.	Stoughton.	Hanson, Will	Cataract.
Gilmore, Everett H.	Randolph.	Hardy, John	Waukesha.
Glindinning, H. L. .	Shullsburg.	Hargrave, Robert ..	Ripon.
Gloeckler, L. P.	Portage.	Harker, Irving	Dodgeville.
Gloeckler, Theo. .	Portage.	Harker, John J.	Linden.
Goetsch, A. A.	Juneau.	Harr, Ernest B.	Bangor, R. 3.
Gould, Guy	Peshtigo.	Harrington, Forest..	Waupaca.
Gould, Merrill M. .	Peshtigo.	Harrington, Myron..	Waupaca.
Graber, Edw.	Mineral Point.	Harris, A. M.	Plainfield.
Graber, L. F.	Mineral Point.	Harris, R. E.	Warrens.
Grady, Geo.	Oregon.	Harrison, Geo.	Chippewa Falls.
Graham, P. S.	Fennimore.	Hart, Wm. C.	Brookfield.
Grandine, Lester D.	No. Crandon.	Hartsough, A. L. ...	Gratiot.
Grandine, M. D.	No. Crandon.	Harvey, Caleb B. .	Wenewoc.
Graper, Arthur	Helenville.	Haskins, Leon O. .	Montello.
Graper, Edwin J. .	Helenville.	Hass, R. A.	La Crosse.
Graser, Adam H. .	Waukesha, R. 4.	Hatch, L. M.	Big Bay, Mich.
Grass, C. F.	Prairie du Sac.	Hatz, Jacob H.	Prairie du Sac.
Grassman, Alfred .	Kendall.	Hayden, Thos. H. .	Grimms.
Graul, Edw. J.	Independence.	Hayes, Edwin H.* ..	Buffalo, New York.
Graves, D. W.	Baraboo, R. 3.	Heberlein, C. F.	503 W. Ferry St.
Grebe, F. P.	Fox Lake.	Hockettweiler, O. J.	Kilbourn.
Greene, Jay I.	Clinton.	Hegge, Julius	Alma Center.
Greengo, A. L.	Menomonie Falls.	Heinke, Alvin E. .	Galesville.
Griffith, James	Spencer.	Heinze, Louis	Stratford.
Griswold, H. W. ...	West Salem.	Heling, Paul	Prescott.
Groom, Harvey L. .	Cassville, R. 1.	Hemker, Fritz H. ...	Menomonie Falls,
Groth, C. A.	Cedarburg.	Henderson, Knud ..	R. 18.
Groth, Louis	Cedarburg.	Hendrichs, John ..	West Salem, R. 2.
Grove, Albert	Columbus, R. 6.	Hendry, Robert D. .	Cambridge.
Grove, Christian ...	Columbus, R. 6.	Henke, Louis	Campbellsport.
Grove, Christian ...	Columbus.	Henry, Ernest E. .	Chippewa Falls.
Guenther, N. W. ...	So. Milwaukee, R. 17.	Herold, Rudolph, Jr.	Lowell.
Guitzkow, Arthur ..	Madison, R. D.	Herr, John G.	Viroqua.
Gullickson, Gust ...	Nelsonville.	Herwig, R. B.	Stoddard.
Gunderson, Clifford	Manitowoc, R. 4.	Herwig, Theo. E. .	Matoon.
		Hickcox, J. Gilbert.	Delton.
		Hicken, A. B.	Delton.
			Whitefish Bay.
			Waukesha,

* Deceased.

MEMBERSHIP LIST—continued.

Names.	Post-Office Address.	Names.	Post-Office Address.
Hildemann, Alex. E.	Belle Plaine.	Jeffery, H. B.	Menomonee Falls.
Hill, Charles T.	Brookfield.	Jenkins, Floyd	Bangor.
Hill, Charley	Brookfield.	Jerdee, Perry S.	Deronda.
Hill, J. L.	Prairie du Sac.	Jewett, Donald C.	Sparta.
Hill, J. T.	Brookfield.	Jirtle, Geo. B.	Algoma.
Hill, Otto C.	Mt. Horeb.	Johannes, Albert ...	Two Rivers.
Hillier, H. B.	Brownsdale, Minn.	Johnson, Billie	Strongs Prairie.
Hinrichs, Ernest ...	Reedsburg, R. 4.	Johnson, Chas. G. ...	Welcome.
Hintz, George E.	Oakfield, R. 26.	Johnson, E. T.	Soldiers Grove.
Hintz, Wm. F.	Edgerton,	Johnson, Frank L. ...	Osseo.
	Emery Farm.	Johnson, Glenn	Baraboo, R. 2.
Hinz, A. F.	Ripon.	Johnson Hanford ...	Iola.
Hirsch, B.	Washburn, R. 1.	Johnson, J. E.	Ferryville.
Hitchcock, C. E.	Sparta.	Johnson, L. M.	Ashland.
Hitchcock, H. R.	Pecatonica, Ill.	Johnson, Sam. A.	Westfield.
Hitchcock, Wm. P. ...	Sparta.	Johnston, Frank R. ...	Appleton, R. 6.
Hjelle, Ole K.	Soldiers Grove.	Johnston, Oney	Appleton.
Hoard, Harry H.	Waupun.	Joice, George	Waterloo.
Hoard, L. R.	Cataract.	Jones, Albert	Dousman.
Hodan, A. B.	Friendship.	Jones, Arthur	Randolph.
Hoefner, Herbert ...	Manitowoc.	Jones, E. E.	Rockland.
Hoffmann, Conrad ...	Phillips.	Jones, E. F.	Sun Prairie.
Hofmann, Carlie ...	Mendota.	Jones, Ira P.	Hinckley, Ill.
Hogan, E. J.	New Richmond.	Jones, John G.	Beaver Dam.
Hollien, David	Westby.	Jones, Owen R.	Beaver Dam.
Holcomb, W. R.	Excelsior, Minn.	Joos, F. B.	Fountain City.
Holloway, Ed. M.	Union Grove.	Jorenby, Carl O.	Blanchardville.
Holmen, O.	Belleville.	Jorstad, Ed.	Cameron.
Holscher, A. C.	Cottage Grove.	Judd, Jesse L.	Endeavor.
Holt, Lester H.	Oconomowoc.	Jung, A. E.	Randolph.
Hood, D. L.	Spring Green.	Jung, J. W.	Randolph.
Hoover, Kenneth M. ...	New Lisbon.	Jungbluth, Wm. J. ...	West Allis, R. 5.
Hopkins, A. W.	Madison.		
Hopkins, B. F.	Morrisonville.	Kaiser, Wm. G.	Cuba City.
Hopkins, J. W.	Morrisonville.	Kalouner, Edward ..	Antigo, R. 5.
Hoppert, Martin ...	Sheboygan, R. 4.	Kaltenberg, A.	Waunakee.
Horswill, W. K.	Black River Falls.	Kaltenberg, Jacob ...	Waunakee.
Horton, James E.	Waukegan, Ill.	Kaltenberg, Jos.	Waunakee.
Hougan, O. O.	Stoughton.	Kaltenberg, P.	Waunakee.
Houghton, F. T.	Reedsburg, R. 3.	Kaste, Alfred H.	Cream.
Houslet, Neal	Packwaukee.	Kaste, Chas.	Cream.
Howe, John O.	Comstock.	Katel, W. C.	Kewaunee, R. 1.
Howell, Horace P. ...	Sparta.	Kaul, E. H.	Waukesha.
Hoxsey, E. R.	Serena, Ill.	Keating, P. H.	Mt. Hope.
Huckstead, A. A.	Neillsville.	Keenan, Wm. M., Jr.	McFarland.
Huhn, Wm.	Cleveland, R. 1.	Kelley, A. N.	Mineral Point.
Hutchinson, Wm. D. ...	Rubicon.	Kendall, Myron	Iola, R. 3.
		Kendell, Geo. W.	Sun Prairie.
Ihrig, J. J.	Oshkosh, R. 4.	Kennedy, Bernard ...	Nelson.
Illian, Wm. L.	Adell.	Kennedy, Laury	Nelson.
Imrie, David	Roberts.	Kent, H. W.	Rusk.
Indermuehle, F. A. ...	Beaver Dam.	Kent, J. S.	Rusk.
Ingwell, Albert	Blanchardville.	Kersten, Leo M.	DePere.
Iverson, C. M.	Browntown.	Kieffer, Mike	Fredonia.
		Kielsmeier, Hugo C. ...	Cleveland, R. 3.
Jacobs, A. F.	Coloma.	Kimble, N. G.	Milton Junction.
Jacobs, E. C.	Menomonte.	Kindschl, Edwin ...	Prairie du Sac.
Jacobs, S. M.	Janesville.	King, Wm. T.	Jim Falls.
Jacobson, C. H.	Waterford, R. 25.	Kings, Benjamin J. ...	Reedsville.
Jahn, Chas.	Cream.	Kinney, Clinton	Wauwatosa.
Jahnke, Albert	Black Creek.	Kinstler, C. L.	Washburn.
Jahnke, J. F.	Pepin.	Kirby, James J.	Grimms.
Janecek, C. M.	Bloom City.	Kirst, Ernest J.	Tomah.
Jaquish, J. E.	Twin Bluffs.	Kitchen, Jos. H.	Eldorado.
Jamison, Clarence ...	Appleton.	Kitley, Leonard W. ...	Sharon, R. 2.
Jamison, Harvey ...	Appleton.	Kittleson, Knutt ...	Mt. Horeb.
Jamison, Robert ...	Appleton.	Kittleson, K. T.	Mt. Horeb.
Jamison, Stanley ...	Appleton.	Kittleson, Wm.	Mt. Horeb.
Jamison, W. G.	Appleton.	Klann, Adolph	Reedsville.
		Klassy, Henry	Monroe.

MEMBERSHIP LIST—continued.

Names.	Post-Office Address.	Names.	Post-Office Address.
Klassy, Henry C....	Monticello.	Lee, Lewis Johnson.	DeForest.
Klassy, Wm. E.....	Monticello.	Lee, L.	Leon.
Klaus, C. S.....	Colesburg, Iowa.	Lee, Oliver	Amery, R. 2.
Klemm, Lewis J....	Welcome.	Lee, Oliver	Klevenville.
Klessig, Edwin O....	Cleveland.	Lee, Peter A. G.....	Deerfield.
Klessig, Otto	Cleveland.	Lee, Royal D.....	Arkdale.
Klofanda, Reuben ..	Racine, R. 1.	Lefebvre, Wilbur F....	Evansville.
Klofanda, Royal	Racine, R. 1.	Legler, L. G.....	Juda.
Klov Dahl, J. J.....	Wittenberg.	Legrid, Henry E.....	Deer Park.
Klumb, Albert J....	Rockfield.	Lehman, Edwin	Ripon.
Klumb, Hugo G.....	Kewaskum.	Lehmann, Theo.	Watertown.
Klumb, Oscar	Rockfield.	Leith, B. D.	Madison.
Klussendorf, F. E....	Waukesha, R. 6.	Leith, Ray H.....	Van Dyne, R. 9.
Knapton, W. E.....	Downing.	LeJeune, Ernest	Rice Lake, R. 2.
Kneeland, Peter	Windsor, R. 2.	Lemke, Albert	Welcome.
Kneip, Wm.	Weyauwega.	Leonard, Wm. R.....	Jefferson.
Knoke, Hugo	Readfield.	Letts, Edw. F.....	Appleton, R. 4.
Knowelton, A. R....	Waukesha.	Leverich, J. W.....	Sparta.
Knutson, Ed. A.....	Manitowoc, R. 4.	Lewis, E. H.....	Whitewater.
Knutson, Ernest L.	Wautoma.	Lewis, Lester M.....	Monticello, R. 1.
Koemich, Ed.	Kewaunee.	Lewis, Owen H.....	Genesee Depot.
Koehler, John P....	Hayton.	Ley, Nicholas	Dodgeville.
Koellmer, Gustav ..	Cleveland.	Ley, Peter	Dodgeville.
Koenecke, A. E.....	Reedsburg.	Leykom, J. Wallace.	Antigo.
Koenecke, Edw. H....	Reedsburg, R. 5.	Lindas, Theo. A.....	Marshall.
Koenigs, Phillip	Fond du Lac.	Lindberg, C. H.....	Dresser Jct., R. 1.
Kolb, Ed.	Cleveland, R. 2.	Lindenman, J. H.....	Mishawaka, Ind.
Koll, C. A.	Eau Claire.	Lindevig, Oscar O....	Viola, R. 1.
Koller, Wm.	Kewaunee.	Linse, Chas.	La Crosse.
Koltcs, Jos. F.....	Dane.	Lintner, Sam.	Arlington.
Konz, John, Sr.....	Fairchild, R. 2.	Linton, Gilbert A....	Ft. Atkinson.
Korth, Leo R.....	Neillsville.	Lintz, Willis	Gays Mills.
Koss, Otto W.....	Medina.	Livingston, E. C.....	Randolph.
Kraetsch, Alvin C....	Memomonee Falls.	Lloyd, Evan B.....	Cambria, R. 2.
Kramer, Henry F....	Bloomer.	Loesel, Wm.	Cream.
Krampeter, F. H. A....	Mondovi, R. 3.	Loewe, Arthur P....	Milwaukee, R. 8.
Krause, Wm. H.....	Thorpe.	Logan, R. G.....	New Palestine, Ind.
Kreul, August R....	Fennimore.	Longley, A. E.....	Dousman.
Krofta, Rudolph	Kewaunee, R. 2.	Longley, H. N.....	Dousman.
Kronholm, Edw.	Grand Rapids.	Lothcr, O. A.....	Waupun.
Kreuger, Alexander.	Watertown, R. 2.	Lowe, James G.....	River Falls.
Krueger, H. E.....	Beaver Dam.	Lowell, Lloyd S.....	Sharon.
Kruschke, Alvin C....	New Richmond.	Lubbers, William ..	Cedar Grove.
Kruschke, Geo. H....	New Richmond.	Luebke, H. W.....	Watertown, R. 7.
Kuehn, Chas. A.....	Brandon.	Lukken, Amil	Cambridge.
Kuehne, Edm. H.....	Lake Beulah.	Lunde, Geo.	Stoughton.
Kuhlman, A. H.....	Lowell.	Lunde, Gunder	Stoughton, R. 1.
Kuhlman, Fred	Lowell.	Lutze, Geo.	Cleveland.
Kuhltz, Harvey A....	Waukesha.		
Kunkel, Arthur M....	Manawa.	McAdam, Cecil	Schofield.
Kurtze, Otto C.....	West Allis, R. 15.	McCarthy, Edw.	Walworth.
Kurtzin, Victor	Green Lake.	McClanahan, G. P....	Madison.
			430 N. Bruen St.
Lachmund, Robt.	Sauk City.	McClurg, Walter F....	Viroqua.
Lamson, Robert J....	Blissfield, Mich.	McConnell, F. J.....	Darlington.
Lane, Orle J.....	Hixton.	McConnell, Oren S....	McFarland.
Larsen, A. C.....	Madison.	McCoy, George L.....	Evansville.
Larsen, Chas.	Brown City, Mich.	McDermid, G. A.....	Eau Claire.
Larsen, Eli	Sawyer.	McDowell, D. P.....	Packwaukee.
Larsen, J. M.....	Wautoma.	McFarlane, A. J.....	Morrisonville.
Larsen, Joseph S....	Woodford.	McGeachie, Edw. P....	Rockford, Ill., R. 8.
Larsen, LeRoy	Iola.	McGinnis, Chas.	Baraboo.
Lathers, Chas. F....	Beloit.	McIntyre, Ivan	Ft. Atkinson.
Latta, F. L.....	Clinton Jct.	McKernan, R.	Sturgeon Bay.
Lawrence, F. W.....	Bangor.	McLean, Donald	La Garita, Colo.
Lawrence, W. J.....	DeSoto.	McLeod, Stanley	Lake Geneva.
Lawson, W. A.....	Rosendale.	McNab, A. J.....	Black River Falls.
Lawton, A. R.....	Viola.	McNown, J. H.....	Mauston.
Lebeis, F. J.....	Bloomer.	MacLean, George	Madison, R. 6.

MEMBERSHIP LIST—continued.

Names.	Post-Office Address.	Names.	Post-Office Address.
Machimura, K.	West Allis.	Mueller, Edward O..	Appleton.
Madoche, Leo J.....	% Rust Bros.	Mueller, M. J.....	Edgerton.
Maeder, J. W.....	Sawyer.	Mueller, Rudolph ...	Forestville.
Magee, Ellis	Oregon.	Mulloy, John B.....	Wayside.
Mahoney, David	Coleman.	Myrick, M. O.....	Bristol.
Marken, Otis A.....	Juneau.		
Marken, Richard	Valders.		
Markham, F. C.....	Independence.	Nace, Franklin	Iola.
Marshall, A. C.....	Omro.	Nagle, Lee	Bridgeport.
Marshall, W. S.....	Delton.	Napier, J. M.	Madison.
Marston, Albert E....	Beloit.	Nate, George B.....	Grimms.
Marston, Roy C.....	Beloit.	Nathen, Paul R.....	Kendall.
Martin, Walter I....	Chicago, Ill.	Nellen, P. J.....	De Forest.
	5212 S. Park Ave.	Nelson, Carl A.....	Greenwood.
Martiny, L. P.....	Chippewa Falls.	Nelson, Fred	River Falls.
Marty, Mathias	Monticello, R. 1.	Nelson, John A.....	Port Wing.
Mathews, Lee G.....	Brandon.	Nelson, Willie	Milltown, R. 1.
Mathews, Milton D.	Helenville, R. 1.	Nemetz, Frank J....	Kewaunee.
Mattison, Thos.	Blair.	Neprud, Nels O....	Coon Valley.
Mau, H. G.....	Brodhead.	Neuberger, Wm. T..	Reeseville.
Maug, Arthur J.....	Ripon.	Neystrom, Archie ..	Malden Rock.
Mayer, Sidney	Kalispell, Mont.	Nicholls, Harry G...	Stoughton.
Mayo, John H., Jr...	Eau Claire, R. 5.	Nicolaus, Chas. A...	Cudahy.
Mead, R. E.....	New Lisbon.	Nicolaus, D. C.....	Mukwonago.
Meekin, H. W.....	Fond du Lac.	Nieman, Walter G...	Hamburg.
Meier, Edward F....	Eden, R. 36.	Niemer, Frank	Cassville, R. 1.
Melby, Dan.....	Spooner, R. 2.	Niere, Stuart P....	Watertown.
Merkel, Henry	Appleton, R. 3.	Nies, Peter	Greenleaf, R. 3.
Merrill, W. M.....	Taylor.	Niffenegger, J. T...	Monroe.
Messerschmidt, S. H.	Flat Rock, Ohio.	Niles, Milo E.....	Mauston.
Meurer, Paul	Genoa Jct.	Nolan, J. H.....	Eldorado.
Meyer, A. H.....	Grafton.	Noll, Louis	Alma.
Meyer, A. J.....	Howell, Mich.,	Nordlie, Alfred	Deerfield.
	R. 7.	Nordlie, C. K.....	Rockdale.
Meyer, Alfred J.....	Oakwood, R. 18.	Nordman, E.....	Polar.
Michels, Henry	Malone.	Norgord, C. P.....	Madison.
Michels, Math.	Peebles.	Norrbom, C. G.....	Eland.
Mielke, F. L.....	Windsor.	Norsman, Jerome O.	Madison, R. D.
Mielke, J. E.....	Basco.	Northrup, H. R.....	East Hampton.
Mihills, D. R.....	Fond du Lac.		Long Island, N. Y.
Mihills, G. N.....	Fond du Lac.	Northrup, J.	Waupun.
Mikkelson, W. J....	Arkdale.	Nuttleman, Adolph..	West Salem.
Milkee, Geo.....	Ft. Atkinson.	Nuttleman, Alfred...	West Salem.
Miller, A. H.....	Waupun.	Nuttleman, Fred ...	West Salem.
Miller, Arthur	Waupun.		
Miller, A. J.....	Milltown.		
Miller, Henry C.....	Allenville.	O'Connell, James ...	Hartford.
Miller, L. A.....	Sparta.	O'Connor, Edw. F...	Lodi, R. 1.
Mills, Roscoe C.....	Appleton, R. 2.	O'Dell, Wm.	Lake Beulah.
Mills, Stanley	Walden, N. Y.	Oestreich, L. J....	Spooner, R. 2.
Miritz, O. F.....	Fond du Lac.	Ogle, James	Waldo.
Misteke, Wm. O.....	Kendall.	O'Hearn, Dennis ...	Eldorado.
Mitchell, Dean	Brookfield.	Oleson, James P.	Ripon, R. 13.
Mitchell, Geo.	Cottage Grove.	Oliver, C. S.....	Eau Claire.
Mitchell, J. T.....	Cottage Grove.	Olson, G. C.....	Westby.
Mitwede, Henry	Waukesha.	Olson, Harry O.....	Larsen.
Moely, Conrad	Prairie du Sac.	Olson, Nalvin A....	Chetek.
Moen, Gilbert T....	Eleva.	Olp, Frank J.....	Delton.
Moldenhauer, W. C.	Manitowoc, R. 1.	Oman, Carl	Tavera.
Moore, Fred W.....	Beloit.	Oman, C. H.....	Nashotah.
Moore, Henry G.....	Mauston.	Orr, Lea B.....	Bagley.
Moore, R. A.....	Madison.	Orth, Alfred	Muscoda, R. 2.
Morgan, Chas.	Albany.	Orvis, L. C.....	Salem.
Morrissey, J. H.....	Arena.	Osterday, E. G.....	Stockton, Ill.
Morse, Albert	Kilbourn.	Otterholt, Henry ...	Chetek.
Moseley, A. G.....	Catactac.	Owen, Roger A.....	Portage, R. 2.
Moseley, H. B.....	Beloit.	Owens, Edwin	Wild Rose.
Mower, J. P.....	Wauwatosa.	Owens, H. C.....	Fox Lake.
Muehleisen, G.....	Tell.		

MEMBERSHIP LIST—continued.

Names.	Names.	Names.	Post-Office Address.
Pabst, Fred	Oconomowoc.	Pritzl, John A.....	Cato, R. 1.
Paddock, A. D.....	Salem.	Puls, John	Hartford.
Paddock, Alva	Salem.	Purinton, C. G.....	Monticello, R. 2.
Page, G. F.....	Berlin.		
Palfrey, John R.....	Omro.		
Palmer, Earl	Lake Geneva.	Quale, John H.....	Mondovi.
Palmer, Levi	Verona.	Quast, Arthur E.....	Saukville.
Parrish, J. O.....	Plymouth.		
Parrott, Alfred	Endeavor.		
Parsch, Gustav A.....	Wausau.	Radermacher, John..	Middleton.
Parsons, Wm. A.....	Ft. Atkinson.	Raffery, Agnes	Windsor.
Patrick, Ed. H.....	Waupun.	Ralph, Will H.....	Cuba City.
Patrick, Robert	Waupun.	Randall, S. M.....	Waupun.
Patrick, Will	Waupun.	Rasmussen, Fred	Neenah.
Pattee, Drew J.....	Waupun.	Rather, Armand P....	Peebles, R. 37.
Pattee, John R.....	Waupun.	Rauchenstein, Emil.	Rice Lake.
Patten, W. H.....	Boscobel.	Rauchenstein, John.	Rice Lake, R. 5.
Patterson, Harvey ..	Melrose.	Ray, Victor	Madison, R. 5.
Patterson, Harley J ..	Cottage Grove.	Ray, W. F.....	Kewaunee, R. 1.
Patterson, J. D.....	Melrose.	Rehbein, A. E.....	St. Croix Falls, R. 1
Patterson, J. L.....	Glen Haven.	Reindahl, A. K.....	Madison.
Pattison, H. A.....	Durand, R. 2.	Reineking, Rudolf ..	St. Boygan Falls.
Paulson, H. E.....	Hollandale.	Reinhardt, Chas. F..	Nelson.
Paulson, J. E.....	Manitowoc.	Reinhardt, R. F.....	Nelson.
Paulson, P. A.....	Hudson, R. 2.	Reinhardt, W. H.....	Wausau, R. 2.
Peace, Jas. W.....	Duluth, Minn., R. 3.	Renak, Edw.....	Racine, R. 2.
Pearson, Clarence ..	LaValle.	Renk, Wm. F.....	Sun Prairie.
Pederson, Peter	Eleva, R. 3.	Restow, Harry	Onalaska.
Peebles, John	Oconomowoc.	Rex, Edgar H.....	Beaver Dam.
Peebles, Percy A.....	Oconomowoc, R. 26.	Reyer, Walter R.....	Templeton, R. 20.
Peik, Arthur	Chilton.	Richards, M. M.....	Lodi.
Pelisek, Frank W.....	Kewaunee.	Richardson, Geo. J..	Spring Grove, Ill.
Perry, J. H.....	Ft. Atkinson.	Riederer, Blas.....	Cato.
Perry, Will H.....	Grattot.	Riek, Anthony	Plain.
Persen, Alfred	Bryant.	Rieman, Elmer W....	Ripon.
Persons, M. B.....	Plum City.	Rieser, Alfred E.....	Spring Green.
Peters, Ezra	Sharon.	Ristau, Emil O.....	Osseo.
Peters, Hubert	Calvary.	Ritschard, Emil	Monticello, R. 3.
Peters, John	Lake Beulah.	Ritschard, Fred	Monroe.
Peters, J. Y.....	West Bend.	Robers, Wm. J.....	Burlington.
Peterson, August	Stanton.	Roberts, F. W.....	Woodworth.
Peterson, Conrad T..	Grantsburg.	Roberts, Wm. E.....	Randolph.
Peterson, Einar A....	Milladore.	Robinson, A. S.....	Lake Geneva.
Petersen, Erri M.....	Amery, R. 4.	Robson, Melvin	Spring Green, R. 1.
Peterson, Hy. N.....	New Holstein.	Roethel, Herman	Kiel.
Peterson, Perry O....	Amherst.	Roffers, John H.....	Green Bay.
Peterson, Peter	Walworth, R. 1.	Rolfson, C. E.....	Racine.
Phillips, Jesse	Elizabeth, Ill.	Rood, Henry	South Wayne.
Pierce, W. O.....	River Falls.	Rood, Minick C.....	South Wayne.
Pierner, Fred.....	No. Milwaukeee.	Root, Alvin	Fond du Lac, R. 5.
Pierner, John W.....	Thiensville.	Rorer, Wm. A.....	M. Gretna, Pa.
Pierstorff, H. H.....	Madison, R. 7.	Rorge, A. J.....	Stoughton.
Pinkerton, A. J.....	Waupaca.	Rosholt, Jacob A....	Scandinavia.
Pinkerton, Fred	Waupaca.	Rosenow, Arthur	Oconomowoc.
Piper, Harry B.....	Sharon.	Rosenow, H. E.....	Oconomowoc.
Pirner, Fred	Sugar Bush, R. 26.	Rosenow, H. G.....	Waumangee.
Plenty, Robert	Rice Lake.	Rued, Axel	Curtiss.
Pokfuss, Edw. H.....	Waukesha.	Ruesink, H. G.....	Waupun.
Pope, R. W.....	Sun Prairie.	Ruhrmann, B. J.....	Cross Plains.
Popp, Arthur	Jefferson.	Runde, Albert	Hazel Green.
Port, Mike	Grafton.	Runde, August	Sinsinawa.
Porter, L. W.....	Evansville.	Runde, Aloysius	Cuba City.
Porter, W. B.....	Evansville.	Rupp, Herman	Malone.
Porter, W. L.....	Madison, S. D., R. 2	Rusch, E. W.....	Reedsburg.
Porter, W. N.....	Evansville.	Russell, A. C.....	Augusta.
Portz, Herman	Chili.	Rust, S. H.....	Mukwonago.
Post, H. L.....	Sextonville.	Ruste, C. O.....	Blue Mounds.
Pratt, Vernon	Cataract, R. 2.	Ryan, Gerald	Sun Prairie.
Preston, Geo. M.....	Montfort.	Ryan, Malachi	So. Kaukauna.
Price, W. Howard....	Waukesha, R. 9.	Rylander, Ed.....	Shell Lake.

MEMBERSHIP LIST—continued.

Names.	Post-Office Address.	Names.	Post-Office Address.
Sackett, Clyde M...	Cumberland.	Smith, Ray K.....	El Paso, Texas.
Sager, Milo	Deerfield.	Smith, Sam A.....	Oakfield.
Sampson, August ...	Menomonie.	Smith, Seymour L...	Oshkosh, R. 5.
Salzman, Ed.	Kiel, R. 2.	Smithwick, M. W....	Chicago, Ill., 115 Adams St.
Sandman, W. D.....	Holmen.	Snyder, Elmer G....	Clinton Jct.
Sargent, Lester	Warren, Ill.	Snyder, R. B.....	Clinton.
Sattler, James H....	Rosendale.	Soholt, Gustav L....	Madge.
Schaefer, Henry G...	Plymouth.	Solem, Edward	Wonewoc.
Schaefer, R. J.....	Appleton.	Someville, John	Black River Falls.
Schermerbom, G. B.	Hartland.	Sorem, Erick	West Prairie.
Schild, John	Fall Creek.	Sorenson, Hilbert ...	Franksville.
Schiller, Claude E...	Beaver Dam.	Spalding, Earl	Windsor.
Schilling, Harry W.	Onalaska.	Spalding, Frank	Windsor.
Schmit, A. W.....	Appleton.	Spartz, N. A.....	Union Grove.
Schmit, Albert	Appleton.	Spink, L. O.....	Platteville, R. 10.
Schmit, Alois E....	Hortonville.	Staley Bros.	Hillsboro.
Schmit, Geo.	Greenville.	Stangel, Richard	Kewaunee, R. 1.
Schmit, Wm. F.....	Appleton, R. 2.	Stauffacher, A. J....	Monroe.
Schmitz, Edw.	Lone Rock.	Stegne, Chris.	Viroqua.
Schmitz, Hubert	Lone Rock.	Steidtmann, Edwin..	Merrimac.
Schneider, G. P....	Walsh.	Steinbach, Otto	Kendall.
Schnell, Gustav	Dane.	Steiner, W. H.....	Brownsville.
Schottler, Conrad J.	So. Germantown	Steinhoff, W. J.....	Platteville.
Schroeder, F. C....	Hartland.	Steuerwald, Walter	Loyal.
Schroeder, H. F....	Jim Falls.	Stevens, Ernest A...	Eau Galle.
Schuette Herman W.	Reedsburg.	Stevenson, Carl	Soldiers Grove, R. 5
Schulte, Peter J....	Cleveland.	Stevenson, J. W....	Winnebago, Minn.
Schultz, Rudolph ..	Lake Mills.	Stewart, Geo. L....	Lodi.
Schumacher, Jno. F.	Waukesha.	Stewart, Joe H.....	Wales.
Schumann, Hugo	Beaver Dam.	Stienstra, Samuel J.	Keams Canon, Ariz.
Schumann, Hugo W.	Beaver Dam.	Stivarius, Geo. A....	Fennimore, R. 4.
Schwartz, John A....	Troy Center.	Stone, A. L.....	Madison.
Schwandt, Wm.	Stanton.	Stone, J. R.....	Reedsburg.
Schwartz, Peter C...	Waukesha.	Straka, Edw. E.....	Maribel, R. 2.
Sebion, Cornelius ...	Westby.	Straug, Frank	Lone Rock.
Sebion, Stanley	Westby.	Strommen, Anton A.	Blanchardville.
Sebion, T.	Westby.	Strommen, Geo. K...	Cambridge.
Seitz, Adam	Waukesha.	Strowig, Wm. A....	Cleveland, R. 1.
Semb, Allen T.....	Schuyler, Neb., R. 1	Stuesser, Eugene	Richfield.
Sette, Everett A....	Juneau.	Sugden, W. R.....	Randolph.
Sette, O. E.....	Juneau.	Suhr, A. A.....	Cochrane.
Sevenich, Tony	Hilbert.	Suhr, Otto A.....	Cochrane.
Sharpee, Alfred A...	Rio.	Sullivan, Jas. A....	Grimms.
Sharpee, Carl	Columbus.	Surggum, Oscar	Viroqua.
Sharpee, Endre A....	Rio, R. 1.	Svacina, Jacob, Jr...	Rice Lake.
Sharpee, Johannes A.	Rio.	Swan, Earling	Milwaukee.
Sharpee, P. A.....	Morrisonville.	Swan, Robert G.....	Sta. B. R. 6.
Sheen, C. J.....	Trevor.	Swanton, John	Milwaukee.
Sheen, Wray J.....	Trevor.	Swenson, Earl E....	Sta. B. R. 6.
Sheldon, Ben F.....	Brandon.	Swenson, Earl E....	Oconomowoc.
Sherry, Selmer	Viroqua.	Swiggun, Neil	Kenosha.
Sherwood, Chas. B...	Spring Green.	Swoboda, F. G.....	660 Pleasant St.
Shuman, Chas. F....	Koshkonong.	Tagge, Herman	Viroqua.
Siepert, F. W.....	Chippewa Falls.	Tanner, A. V.....	Dousman.
Silver, C. R.....	Belleville.	Tenjum, A. A.....	New Holstein.
Sim, J. O.....	Stoughton.	Tempero, Roy J....	Omro.
Simon, Mike	Malone.	Thacher, Ed. F.....	DeForest.
Simmons, Geo. W....	Monroe.	Thacher, Louis E....	Memomonee Falls.
Simmons, Will	Cuba City.	Thieleke, Ed. F....	Zenda.
Simpson, Lloyd L....	Edgerton.	Thieleke, Emil	Zenda.
Skare, Albert	McFarland, B. 114.	Thiers, Louis M....	Kewaunee.
Skewes, Edwin B....	Union Grove, R. 6.	Thom, J. A.....	Kiel, R. 2.
Skolas, Herman	Deerfield.	Thoma, Ernest	Madison.
Sleep, S. S.	Hartland, R. 21.	Thomas, Ernest	Kenosha.
Smedsrud, M. C....	Hollandale.	Thomas, Edw. J.....	Bristol.
Smith, Alva J.....	Gratiot.		Sugar Bush, R. 26.
Smith, Carroll H....	Delavan, R. 3.		Ridgeway, R. 2.
Smith, Elmer J.....	Brandon.		
Smith, Fred	River Falls.		
Smith, Harvey G....	Brandon.		
Smith, John F.....	Darlington.		
Smith, Lewis E.....	Beloit.		

MEMBERSHIP LIST—continued.

Names.	Post-Office Address.	Names.	Post-Office Address.
Thompson, A. L.....	Blair.	Ward, Harold L.....	Ft. Atkinson.
Thompson, Adolph..	Black River Falls.	Ward, Robert W.....	Ft. Atkinson.
Thompson, A. N.....	Delavan.	Ward, Theo. S.....	Ft. Atkinson.
Thompson, Geo. H.....	Quarry.	Warmington, P.....	Honey Creek.
Thompson, G. G.....	Blanchardville.	Warzynakoski, A. F.	Oakwood, R. 18.
Thompson, Melvin..	Mt. Horeb.	Watrud, Hjalmar ..	Blanchardville.
Thompson, Paul	Blair.	Wayne, Joseph	Boscobel.
Thompson, T., Jr....	Wadena, Iowa.	Webbe, Wm. E.....	Barrington, Ill.
Thorpe, Eugene B....	Monroe.	Wedgwood, R. E.....	Shawano.
Thorpe, J. R.....	Tavera.	Wehrwein, Walter ..	Manitowoc.
Thorstad, Clarence..	Wautoma, R. 6.	Weirich, Martin J...	Baraboo.
Tift, J. Ringland....	Wauwatosa.	Welsh, S. L.....	Tavera.
Tjugum, E. E.....	Sun Prairie.	Wendt, Reinhold ..	Cream.
Tochterman, C., Jr..	Monroe.	Wernich, Wm. H.....	DeForest.
Toepfer, Otto F.....	Madison.	West, H. P.....	Ripon.
Toole, W. A.....	Baraboo.	West, Mark	Elkhorn.
Treleven, Guy T.....	Omro.	West, Ray N.....	Ripon.
Trewartha, Edw. J.	Hazel Green.	Whelan, John V.....	Mondovi.
Trumpy, Fred	Clarno.	Whitehead, H. W....	Leon.
Tubbs, J. Herbert....	Seymour.	Whitney, R. A.....	Eldorado.
Turgasen, J. H.....	Richland Center.	Whittaker, H. E.....	Fond du Lac.
Tverberg, Alf.....	Stoughton.	Wichern, Carl W.....	Baraboo.
Tyler, James G.....	Valders.	Wichern, Louis M...	Baraboo.
		Wied, Edw.	Waupaca.
		Wiegand, Otto R. ..	Cleveland.
Uhlin, Albin S.....	Clayton.	Wier, W. W.....	Madison.
Uhlin, F. E.....	Clayton.	Wigen, Andrew	Quarry.
Uhrenholdt, Jens ..	Leonard.	Wigen, Walter E....	Manitowoc.
Uhrenholdt, S. J....	Leonard.	Wiker, N. H.....	Mabel, Minn.
Umlauf, Rudolph ..	Dorchester, R. 1.	Wilcox, H. L.....	Roscoe, Ill.
Unger, Edward F....	N. Milwaukee, R. 9.	Wilkinson, Edw.	Wilton.
Unger, E. F., Jr....	N. Milwaukee, R. 9.	Wilkowski, Hugo ..	Mishicot.
Usher, Earl.....	South Wayne.	Williams Orson P...	Waukesha, R. 8.
Utgaard, Peter W....	Cylon.	Williamson, Boyd ..	Amherst Jct.
Utter, Delwin H.....	Lake Beulah.	Willis, A. W.....	Brodhead.
		Willmarth, E. E.....	Sun Prairie.
		Wischhoff, E. H.	Reedsburg.
VanLoon, John	La Crosse.	Wiseman, Paul	Bridgeport.
Veium, Even	Stoughton.	Wisner, L. R.....	Merrill.
Veldboom, John	Cedar Grove.	Woldt, Hugo	Jackson.
Verbeck, C. W.....	Lodi, R. 1.	Wollin, Albert	Johnson Creek, R. 2
Vetter, Chas.	Madison, R. D.	Wood, Calvin D.....	Oshkosh.
Vetter, John	Madison, R. 3.	Woodward, John L.	Madison, R. 1.
Vine, Callice H.....	Markesan, R. 3.	Wrabetz, Frank	Schuyler, Neb., R. 1
Vollrath, August ..	St. Bonifacious,	Wright, John	Whitewater.
	Minn.	Wrolstad, Alfred M.	Amherst Jct.
Vonder Ohe, Aug. H.	Reedsburg.	Wulf, Fred B.....	Gustine, Cal.
Vonder Ohe, W. H....	Reedsburg.	Wunsch, Alf. J. C....	Haven.
Von Haden, Eddle....	Kendall.	Wunsch, Hugo E.....	Haven.
Vroman, H. E.....	Verona.	Wussow, Chas. A....	Seymour.
Vullmahn, Ernest F.	Edgebrook, Ill.	Wyatt, E. E.....	Tomah.
Waelti, John	Monroe.	Yates, Willard W....	Burnett.
Wagner, Arthur L...	Haven, R. 6.	Young, Rudolph T...	Beaver Dam.
Wagner, J. M.....	Union Center, R. 1.		
Waite, S. R.....	Oshkosh.	Zahrt, F. H.....	Hortonville.
Walker, Geo. B.....	Madison.	Zerbel, L. E.....	Madison.
Walker, Ray C.....	Plainville.	Zerbel, Paul	Humbird.
Wall, Floyd	Weyauwega.	Ziemann, Ernest T.	Beaver Dam.
Wallen, Sigur B.....	Taylor.	Ziemer, Paul	Jackson, R. 2.
Ward, Charles	Ft. Atkinson.		
Ward, H. D.....	Brodhead.		

HONORARY MEMBERS.

Ames, W. L.	Oregon	McKerrow, Supt. Geo.	Pewaukee
Babcock, Dr. S. M.	Madison	Newman, Geo. N.	Ladysmith
Cary, Prof. C. P.	Madison	Phillips, A. J.	West Salem
Cheesman, Jas. B.	Racine	Renk, Katharine	Boise City, Idaho
Emery, Prof. J. Q.	Madison	Russell, Dr. H. L.	Madison
Hays, W. M., Ass't Secretary Agr.	Washington, D. C.	Schauber, Hon. A. G.	Kewaunee
Henry, Dr. W. A.	Madison	Toole, William	Baraboo
Karel, Hon. A. L.	Kewaunee	True, Hon. John M.	Madison
Lehmann, Mrs. Eva	Woodland	Utsunomiya, S. T. Sapporo, Hokkaido,	Japan
McCormick, G. W.	Menominee, Mich.	Utter, Delbert	Lake Beulah

MEMBERSHIP, 1910

(Arranged by Counties.)

ADAMS COUNTY.

Buckley, Lawrence Kilbourn
 Heberlein, C. F. Kilbourn
 Hodan, A. B. Friendship
 Johnson, Billie Strongs Prairie
 Lee, Royal D. Arkdale
 Mikkelson, Wilhelm J. Arkdale
 Walker, Ray C. Plainville

ASHLAND COUNTY

Delwiche, E. J. Ashland
 Johnson, L. M. Ashland

BARRON COUNTY.

Anderson, Thos. E. Chetek, R 1
 Howe, John O. Comstock
 Jorstad, Ed. Cameron
 LeJeune, Ernest Rice Lake, R. 2
 Otter, Nalvin A. Chetek
 Otterholt, Henry Chetek
 Plenty, Robert Rice Lake
 Rauchenstein, Emil Rice Lake
 Rauchenstein, John Rice Lake, R 5
 Sackett, Clyde M. Cumberland
 Svacina, Jacob, Jr. Rice Lake

BAYFIELD COUNTY.

Daly, R. E. Washburn
 Hirsch, B. Washburn, R. 1
 Kinstler, C. L. Washburn
 Nelson, John A. Port Wing

BROWN COUNTY.

Anderson, Alfred Denmark
 Dillon, Austin DePere
 Dillon, James DePere
 Kersten, Leo. M. DePere
 Mulloy, John B. Wayside
 Nies, Peter Greenleaf, R. 3
 Roffers, John H. Green Bay

BUFFALO COUNTY.

Arms, Edward Fountain City
 Bilderbach, W. T. Mondovi
 Engel, George H. Fountain City
 Fetting, Elmer Cochrane
 Fetting, Romeo Cochrane

Haigh, Gerhard Cream
 Jahn, Chas. Cream
 Joos, F. B. Fountain City
 Kaste, Alfred H. Cream
 Kaste, Chas. Cream
 Kennedy, Bernard Nelson
 Kennedy, Laury Nelson
 Krampeter, Frank H. A. Mondovi, R. 3
 Loesel, Wm. Cream
 Muehleisen, Gottlieb Tell
 Noll, Louis Alma
 Quale, John H. Mondovi
 Reinhardt, Chas. F. Nelson
 Reinhardt, R. F. Nelson
 Rosenow, H. G. Waumandee
 Suhr, A. A. Cochrane
 Suhr, Otto A. Cochrane
 Wendt, Reinhold Cream
 Whelan, John V. Mondovi

BURNETT COUNTY.

Rylander, Ed. Shell Lake
 Peterson, Conrad T. Grantsburg

CALUMET COUNTY.

Christoff, Theo. F. Chilton
 Koehler, John P. Hayton
 Peik, Arthur Chilton
 Peterson, Hy. N. New Holstein
 Sevenich, Tony Hilbert
 Tagge, Herman New Holstein

CLARK COUNTY.

Beyreis, C. E. M. Dorchester
 Buddenhagen, Elmer E. Neillsville
 Daellenbach, Chris Abbotsford
 Einfeldt, Albert Greenwood
 Huckstead, A. A. Neillsville
 Korth, Leo R. Neillsville
 Krause, Wm. H. Thorpe
 Nelson, Carl A. Greenwood
 Portz, Herman Chli
 Rued, Axel Curtiss
 Steuerwald, Walter Loyal
 Umlauf, Rudolph Dorchester, R. 1
 Zerbel, Paul Humbird

CHIPPEWA COUNTY.

Bekken, Oscar Bloomer
 Christiansen, W. O. Chippewa Falls
 Emerson, O. R. Chippewa Falls

MEMBERSHIP LIST—continued.

Finsnes, A. I.	Chippewa Falls	Bergum, P. B.	DeForest
Harrison, Geo.	Chippewa Falls	Bewick, W. M.	Sun Prairie
Hendry, Robert D.	Chippewa Falls	Bewick, Wm. W.	Madison,
King, Wm. T.	Jim Falls		824 W. Johnson St.
Kramer, Henry F.	Bloomer	Bilkey, J. W. ..	Madison, Monona Fara
Lebeis, F. J.	Bloomer	Birrenkott, M. J.	Klevenville
Martiny, L. P.	Chippewa Falls	Blankensee, Clarence	Madison,
Schroeder, Herman F.	Jim Falls		513 State St.
Siepert, F. W.	Chippewa Falls	Boyce, Charlotte	Dane

COLUMBIA COUNTY.

Anaoker, B.	Portage	Bollig, F. A.	Black Earth
Anderson, Adolph W.	Portage	Breerton, Lawton	Dane
Bancroft, Benj. T.	Rio	Brickson, A. C.	McFarland
Bradley, Roy	Randolph	Brickson, Andrew	Cottage Grove
Breerton, Hugh H.	Lodi	Brigham, Chas I.	Blue Mounds
Breerton, Thos. D.	Lodi	Britzke, Paul	London
Capener, Howard H.	Portage	Brue, N. H.	DeForest
Carnecross, J. E.	Okee	Chase, J. P.	Sun Prairie
Chrisler, Alvin A.	Lodi, R. 1	Chatterton, R. W.	Basco
Chrisler, Elmer A.	Lodi, R. 4	Chipman, W. R.	Morrisonville
Chrisler, Harley E.	Lodi	Chynoweth, H. E.	Madison
Church, W. H.	Lodi	Colladay, C. M.	Madison
Derr, Gilbert	Columbus	Colladay, W. E.	McFarland
Elickson, A. C.	Arlington	Coldwell, John	Mazomanie
Gloekler, Louis P.	Portage	Damler, Walter F.	Sun Prairie
Gloekler, Theo.	Portage	Daley, Julius	DeForest
Grove, Christian	Columbus, R. 6	Daley, O. S.	DeForest
Grove, Christian	Columbus, R. 6	Daley, Thos.	McFarland
Grove, Albert	Columbus, R. 6	Davidson, W. L.	Verona
Lintner, Sam	Arlington	Davison, R. W.	Sun Prairie
Lloyd, Evan B.	Cambria, R. 2	Derke, Adolph	Madison, R. 2
Morse, Albert	Kilbourn	Dineen, Michael	Blue Mounds
O'Connor, Edw. F.	Lodi, R. 1	Dreger, E. L.	Madison, R. 6
Owen, Roger A.	Portage, R. 2	Eastman, J. S. ...	Madison, 511 State St.
Richards, M. M.	Lodi	Elver, E. C.	McFarland
Sharpee, Alfred A.	Rio	Emery, Sydney L.	Edgerton, R. 2
Sharpee, Carl	Columbus	Erdall, M. N.	Deerfield
Sharpee, Endre A.	Rio, R. 1	Felland, L. O.	Stoughton
Sharpee, Johannes A.	Rio	Fisher, Wm. G.	Middleton
Stewart, Geo. L.	Lodi	Foll, Walter	Deerfield
Stugden, W. R.	Randolph	Ford, J. F.	Mazomanie
Verbeck, C. W.	Lodi, R. 1	Gangstad, J. O.	Deerfield
		Gest, Chas.	Windsor
		Gillies, J. H.	Stoughton
		Gillette, Rufus	Verona
		Grady, Geo.	Oregon
		Guitzkow, Arthur	Madison R. D.
		Hanna, Oliver O.	Mt. Horeb
		Henderson, Knud	Cambridge
		Hill, Otto C.	Mt. Horeb
		Hofmann, Carl	Mendota
		Holmen, O.	Belleville
		Holscher, A. C.	Cottage Grove
		Hopkins, A. W.	Madison
		Hopkins, B. F.	Morrisonville
		Hopkins, J. W.	Morrisonville
		Hougan, O. O.	Stoughton
		Jones, E. F.	Sun Prairie
		Kaltenberg, Anthony	Waunakee
		Kaltenberg, Jacob	Waunakee
		Kaltenberg, Joseph	Waunakee
		Kaltenberg, P.	Waunakee
		Keenan, Wm. M., Jr.	McFarland
		Kendell, Geo. W.	Sun Prairie
		Kittleson, K. T.	Mt. Horeb
		Kittleson, Knutt	Mt. Horeb
		Kittleson, Wm.	Mt. Horeb
		Kneeland, Peter	Windsor, R. 2
		Koltes, Jos. F.	Dane
		Larsen, A. C.	Madison
		Lee, Lewis Johnson	DeForest
		Lee, Oliver	Klevenville
		Lee, Peter, A. G.	Deerfield
		Leith, B. D.	Madison
		Lindas, Theo. A.	Marshall
		Lukken, Amil	Cambridge

CRAWFORD COUNTY.

Accola, Lawrence	Steuben
Bohonek, John	Prairie du Chien
Brod, Clarence D.	Bridgeport
Hjelle, Ole K.	Soldiers Grove
Johnson, E. T.	Soldiers Grove
Johnson, J. E.	Ferryville
Lintz, Willis	Gays Mills
Nagle, Lee	Bridgeport
Stevenson, Carl	Soldiers Grove, R. 5

DANE COUNTY.

Anderson, H. C.	Cambridge
Anderson, Lewis	Morrisonville
Angvick, Lars	Cottage Grove
Anthony, David C.	Oregon
Baker, O. E.	Madison
Barton, C. R.	Mt. Horeb
Bayles, Rollo	Dane
Beck, J. D.	Madison
Belda, Wm. F.	De Forest
Bell, George S.	Madison,
	1711 Jefferson St.
Bendickson, I. E.	Cambridge
Benson, Ed. E.	Mt. Horeb R. 5
Bergum, Albert B.	DeForest
Bergum, Andrew	DeForest

MEMBERSHIP LIST—continued.

Lunde, Geo. Stoughton
 Lunde, Gunder Stoughton, R. 1
 McClanahan, Geo. P. Madison,
 430 N. Bruen St.
 McConnell, Oren S. McFarland
 McFarlane, A. J. Morrisonville
 MacLean, George Madison, R. 6
 Maeder, J. W. Oregon
 Mielke, F. L. Windsor
 Mielke, J. E. Basco
 Mitchell, Geo. Cottage Grove
 Mitchell, J. T. Cottage Grove
 Moore, R. A. Madison
 Napier, John M. Madison
 Nellen, P. J. DeForest
 Nicholls, Harry G. Stoughton
 Nordlie, Alfred Deerfield
 Nordlie, C. K. Rockdale
 Norgard, C. P. Madison
 Norsman, Jerome O. Madison, R. D.
 Palmer, Levi Verona
 Patterson, Harley J. Cottage Grove
 Pierstorff, H. H. Madison, R. 7
 Pope, R. W. Sun Prairie
 Radermacher, John Middleton
 Raftsky, Agnes Windsor
 Ray, Victor Madison, R. 5
 Reindahl, A. K. Madison
 Renk, Wm. F. Sun Prairie
 Rorge, A. J. Stoughton
 Ruhrmann, B. J. Cross Plains
 Ruste, C. O. Blue Mounds
 Ryan, Gerald Sun Prairie
 Sager, Milo Deerfield
 Schnell, Gustav Dane
 Sharpee, P. A. Morrisonville
 Sim, J. O. Stoughton
 Skare, Albert McFarland, R. 114
 Skolas, Herman Deerfield
 Spalding, Earl Windsor
 Spalding, Frank Windsor
 Stone, A. L. Madison
 Strommen, Geo. K. Cambridge
 Tenjum, A. A. DeForest
 Thieleke, Emil Madison
 Thompson, Melvin Mt. Horeb
 Tjugum, E. E. Sun Prairie
 Toepfer, Otto F. Madison
 Tverberg, Alf. Stoughton
 Veum, Even Stoughton
 Vetter, Chas. Madison, R. D.
 Vetter, John Madison, R. 3
 Vroman, H. E. Verona
 Walker, Geo. B. Madison
 Wernich, Wm. H. DeForest
 Wier, W. W. Madison
 Willmarth, E. E. Sun Prairie
 Woodward, John L. Madison, R. 1
 Zerbel, L. R. Madison

DODGE COUNTY.

Adams, Lester B. Lowell
 Barstow, Jas. E. Randolph
 Beule, Elmore A. Beaver Dam
 Bohl, Anton, Jr. Beaver Dam
 Bremer, Felix E. Hustisford
 Buzzell, Roy C. Randolph
 Bussewitz, Orla J. Juneau
 Bussewitz, Raymond H. Reeseville
 Bussewitz, W. E. Juneau
 Coulter, Harry S. Randolph
 Dieckhoff, John Randolph
 Gilmore, Everett H. Randolph

Goetsch, A. A. Juneau
 Grebe, F. P. Fox Lake
 Henke, Louis Lowell
 Hutchinson, Wm. D. Rubicon
 Indermuehle, Felix A. Beaver Dam
 Jones, Arthur Randolph
 Jones, John G. Beaver Dam
 Jones, Owen R. Beaver Dam
 Jung, A. E. Randolph
 Jung, J. W. Randolph
 Krueger, H. E. Beaver Dam
 Kuhlman, Arthur H. Lowell
 Kuhlman, Fred Lowell
 Livingston, E. C. Randolph
 Mahoney, David Juneau
 Neuberger, Wm. T. Reeseville
 Owens, H. C. Fox Lake
 Rex, Edgar H. Beaver Dam
 Roberts, Wm. E. Randolph
 Schiller, Claude E. Beaver Dam
 Schumann, Hugo Beaver Dam
 Schumann, Hugo W. Beaver Dam
 Sette, Everett A. Juneau
 Sette, O. E. Juneau
 Steiner, W. H. Brownsville
 Yates, Willard W. Burnett
 Young, Rudolph T. Beaver Dam
 Ziemann, Ernest T. Beaver Dam

DOOR COUNTY.

Beyer, George Sturgeon Bay
 Boucsein, Gust L. Detroit Harbor
 Delcorps, Louis Sturgeon Bay
 Dreutzer, C. B. Sturgeon Bay
 Larson, Eli Sawyer
 McKernan, R. Sturgeon Bay
 Madoche, Leo J. Sawyer
 Mueller, Rudolph Forestville

DUNN COUNTY.

Chase, A. Knapp
 Cramer, Joe Menomonie
 Gerking, F. J. Elk Mound
 Hageseth, Frank Menomonie
 Hanson, Carl H. Elk Mound
 Jacobs, E. C. Menomonie
 Kent, H. W. Rusk
 Kent, J. S. Rusk
 Knapton, W. E. Downing
 Sampson, August Menomonie
 Stevens, Ernest A. Eau Galle

EAU CLAIRE COUNTY.

Allen, C. L. Eau Claire
 Burce, Ruth E. Eau Claire
 Carlson, A. T. Augusta
 Donaldson, H. A. Eau Claire
 Faast, Ben. F. Eau Claire
 Koll, C. A. Eau Claire
 Konz, John, Sr. Fairchild, R. 2
 McDermid, G. A. Eau Claire
 Mayo, John H., Jr. Eau Claire, R. 3
 Oliver, C. S. Eau Claire
 Russell, A. C. Augusta
 Schield, John Fall Creek

FOND DU LAC COUNTY.

Adams, A. E. Eden
 Adams, Richard F. Campbellsport

MEMBERSHIP LIST—continued.

Atwood, P. W. Waupun
 Beilke, Walter Fairwater
 Block, A. F. Brandon
 Bonzelet, J. P. Eden
 Briggs, E. T. Fond du Lac
 Briggs, J. W. Peebles
 Briggs, Lynn W. Peebles
 Costello, Dan A. Fond du Lac, R. 5
 Donovan, Frank Van Dyne
 Finder, Fred C. Van Dyne
 Gibbard, P. J. Ripon
 Hargrave, Robert Ripon
 Hendrichs, John Campbellsport
 Hintz, George E. Oakfield, R. 23
 Hinz, A. F. Ripon
 Hoard, Harry H. Waupun
 Kitchen, Jos. H. Eldorado
 Koehnig, Philip Fond du Lac
 Kuehn, Chas. A. Brandon
 Lother, O. A. Waupun
 Lawson, W. A. Rosendale
 Lehman, Edwin Ripon
 Leith, Ray H. Van Dyne, R. 9
 Maug, Arthur J. Ripon
 Mathews, Lee G. Brandon
 Meeikin, H. W. Fond du Lac
 Meier, Edward F. Eden, R. 33
 Michels, Henry Malone
 Michels, Math. Peebles
 Mihills, D. R. Fond du Lac
 Mihills, G. N. Fond du Lac
 Miller, A. H. Waupun
 Miller, Arthur Waupun
 Miritz, O. F. Fond du Lac
 Nolan, J. H. Eldorado
 Northrup, J. Waupun
 O'Hearn, Dennis Eldorado
 Oleson, James P. Ripon, R. 13
 Patrick, Ed. H. Waupun
 Patrick, Robert Waupun
 Patrick, Will Waupun
 Pattee, Drew J. Waupun
 Pattee, John R. Waupun
 Peters, Hubert Calvary
 Randall, S. M. Waupun
 Rather, Armand P. Peebles, R. 37
 Rieman, Elmer W. Ripon
 Root, Alvin Fond du Lac, R. 5
 Ruesink, H. G. Waupun
 Rupp, Herman Malone
 Sattler, James H. Rosendale
 Sheldon, Ben F. Brandon
 Simon, Mike Malone
 Smith, Elmer J. Brandon
 Smith, Harvey G. Brandon
 Smith, Sam A. Oakfield
 West, H. P. Ripon
 West, Ray N. Ripon
 Whittaker, Horace E. Fond du Lac
 Whitney, R. A. Eldorado

FOREST COUNTY.

Grandine, Lester D. No. Crandon
 Grandine, Morton D. No. Crandon

GRANT COUNTY.

Bannen, R. E. Boscobel
 Barron, R. E. Platteville
 Booth, Guy A. Cuba City
 Booth, Lester G. Cuba City
 Carmody, Daniel Mt. Ida

Carmody, P. J. Mt. Ida
 Cubela, Jos. M. Muscoda
 Cull, James, Jr. Mt. Hope
 Dieter, Bert Montfort
 Dieter, Wm. A. Montfort
 DiVall, W. F. Montfort, Box 27
 Forehand, W. C. Platteville
 Gilmore, Everett H. Randolph
 Graham, P. S. Fennimore
 Groom, Harvey L. Cassville, R. 1
 Jones, Arthur Randolph
 Kaiser, Wm. G. Cuba City
 Keating, P. H. Mt. Hope
 Kreul, August R. Fennimore
 Niemer, Frank Cassville, R. 1
 Orr, Lea B. Bagley
 Orth, Alfred Muscoda, R. 2
 Patten, W. H. Boscobel
 Patterson, J. L. Glen Haven
 Preston, Geo. M. Montfort
 Ralph, Will H. Cuba City
 Runde, Albert Hazel Green
 Runde, Aloysius Cuba City
 Runde, August Sinsinawa
 Simmons, Will Cuba City
 Spink, L. O. Platteville, R. 10
 Steinhoff, W. J. Platteville
 Stivarius, Geo. A. Fennimore, R. 4
 Trewartha, Edw. Hazel Green
 Wayne, Joseph Boscobel
 Wiseman, Paul Bridgeport

GREEN COUNTY.

Anderson, A. T. Monroe
 Austin, Elmer E. Brodhead
 Barker, W. H. Brodhead
 Bechtolt, A. B. Browntown
 Bechtolt, J. D. Browntown
 Biglow, L. F. Brooklyn
 Blumer, Ezra, Jr. Monroe, R. 4
 Brunner, Ed. Z. Monroe, R. 4
 Burt, Charley Brodhead
 Cornelius, E. C. Monroe
 Dettwiler, John Monroe
 Douglas, Robert J. Juda
 Doyle, W. A. Brodhead
 Gapen, Frank W. Monroe
 Gardner, Harry G. Monroe, R. 8
 In care of E. C. Cornelius
 Geigel, John Monroe
 Gwynne, Sam Brodhead
 Care B. E. Austin
 Iverson, C. M. Browntown
 Klassy, Henry C. Monticello
 Klassy, Henry Monroe
 Klassy, Wm. E. Monticello
 Legler, L. G. Juda
 Lewis, Lester M. Monticello, R. 1
 Marty, Mathias Monticello, R. 1
 Mau, H. G. Brodhead
 Morgan, Chas. Albany
 Niffenegger, J. Talmage Monroe
 Purinton, C. G. Monticello, R. 2
 Ritschard, Emil Monticello, R. 3
 Ritschard, Fred Monroe
 Simmons, Geo. W. Monroe
 Silver, C. R. Belleville
 Stauffacher, A. J. Monroe
 Thorp, Eugene B. Monroe
 Tochterman, C., Jr. Monroe
 Trumpy, Fred Clarno
 Waelti, John Monroe

MEMBERSHIP LIST—continued.

Ward, H. D. Brodhead
Willis, A. W. Brodhead

GREEN LAKE COUNTY.

Clark, J. J. Berlin
Davies, Elias Markesan
Kutchin, Victor Green Lake
Page, G. F. Berlin
Vine, Callice H. Markesan, R. 3

IOWA COUNTY.

Aavang, H. O. Barneveld, R. 1
Anderson, Louis H. Highland
Convey, Thos. Ridgeway
Davies, Llewellyn Mineral Point
Farwell, R. R. Ridgeway
Graber, Edw. Mineral Point
Graber, L. F. Mineral Point
Hanson, Carl O. Hollandale
Harker, John J. Linden
Harker, Irving Dodgeville
Kelley, A. N. Mineral Point
Ley, Nicholas Dodgeville
Ley, Peter Dodgeville
Morrisey, J. H. Arena
Paulson, H. E. Hollandale
Smedsrud, Melvin C Hollandale
Thomas, Edw. J. Ridgeway, R. 2

JACKSON COUNTY.

Anderson, Ubbe Melrose
Bullock, James P. North Bend
Curran, W. F. Taylor
Dettinger, Wm. F. Hixton
Dietrich, John J. Black River Falls
Engleman, John Hixton
Haag, Frank Melrose
Haag, Henry Melrose
Hecketsweiler, O. J. Alma Center
Horswill, W. K. Black River Falls
Lane, Orie J. Hixton
McNab, A. J. Black River Falls
Merrill, W. M. Taylor
Patterson, Harvey Melrose
Patterson, J. D. Melrose
Someville, John Black River Falls
Thompson, Adolph Black River Falls
Wallen, Sigur B. Taylor

JEFFERSON COUNTY.

Anthes, Henry Jefferson
Becker, Harry J. Ft. Atkinson
Brown, A. A. Waterloo
Brockner, H. C. Ft. Atkinson
Brueckner, Justus Jefferson
Emmert, H. L. Johnson Creek
Emmert, Oris J. Johnson Creek
Graper, Arthur Helenville
Graper, Edwin J. Helenville
Guttenberg, Frank, Jr. ... Jefferson, R. 1
Hans, Joe. T. Jefferson
Joice, George Waterloo
Krueger, Alexander ... Watertown, R. 2
Lehmann, Theo. Watertown
Leonard, Wm. R. Jefferson
Linton, Gilbert A. Ft. Atkinson
Luebke, H. W. Watertown, R. 7
McIntyre, Ivan Ft. Atkinson

Mathews, Milton D. Helenville, R. 1
Milkee, Geo. Ft. Atkinson
Niere, Stuart P. Watertown
Parsons, Wm. A. Ft. Atkinson
Perry, J. H. Ft. Atkinson
Popp, Arthur Jefferson
Schultz, Rudolph Lake Mills
Ward, Charles Ft. Atkinson
Ward, Harold L. Ft. Atkinson
Ward, Robert W. Ft. Atkinson
Ward, Theo. S. Ft. Atkinson
Wollin, Albert Johnson Creek, R. 2

JUNEAU COUNTY.

Curtis, J. C. New Lisbon
Hall, W. H. Wonewoc
Hansen, Harry Camp Douglas
Harvey, Caleb B. Wonewoc
Hoover, Kenneth M. New Lisbon
McNowin, J. H. Mauston
Mead, R. E. New Lisbon
Moore, Henry G. Mauston
Niles, Milo E. Mauston
Solem, Edward Wonewoc
Wagner, J. M. Union Center, R. 1

KENOSHA COUNTY.

Beimer, Geo. Salem
Bradley, J. Frank Somers
Chambers, O. Union Grove
Curtiss, Mark W. Salem, R. 29
Curtiss, W. R. Trevor
Dexter, Walter S. Kenosha, R. 34
Orvis, L. C. Salem
Myrick, M. O. Bristol
Paddock, A. D. Salem
Paddock, Alva Salem
Roberts, F. W. Woodworth
Sheen, Wray J. Trevor
Swenson, Earl E. Kenosha,
660 Pleasant St.
Thiers, Louis M. Kenosha
Thom, J. A. Bristol

KEWAUNEE COUNTY.

Boudnik, John Kewaunee, R. 7
Cherveney, Wenzel Kewaunee, R. 2
Collin, D. W. Luxemburg
Defnet, Jule J. Casco, R. 2
Dworak, Henry A. Kewaunee
Haeyers, Martin Luxemburg, R. 4
Jirtle, Geo. B. Algoma
Katel, W. C. Kewaunee, R. 1
Kocmich, Ed. Kewaunee
Koller, Wm. Kewaunee
Krofta, Rudolph Kewaunee, R. 2
Nemetz, Frank J. Kewaunee
Pelisek, Frank W. Kewaunee
Ray, W. F. Kewaunee, R. 1
Stangel, Richard Kewaunee, R. 1
Thibodeau, Elmer F. Kewaunee

LA CROSSE COUNTY.

Bosshard, Eugene Bangor
Brown, E. D. West Salem
Davis, L. H. Bangor
Eggler, V. La Crosse, R. 1

MEMBERSHIP LIST—continued.

Griswold, H. W. West Salem
 Harr, Ernest B. Bangor, R. 3
 Hass, R. A. La Crosse
 Hemker, Fritz H. West Salem, R. 2
 Jenkins, Floyd Bangor
 Jones, E. E. Rockland
 Lawrence, F. W. Bangor
 Linse, Chas. La Crosse
 Nettleman, Adolph West Salem
 Nettleman, Alfred West Salem
 Nettleman, Fred West Salem
 Restow, Harry Onalaska
 Schilling, Harry W. Onalaska
 Sandman, W. D. Holmen
 VanLoon, John La Crosse

LA FAYETTE COUNTY.

Andrews, A. L. South Wayne
 Ashton, Lester Belmont
 Erickson, Clarence .. South Wayne, R. 1
 Glandinning, H. L. Shullsburg
 Hartsough, A. L. Gratiot
 Ingwell, Albert Blanchardville
 Jorenby, Carl O. Blanchardville
 Larson, Joseph S. Woodford
 McConnell, F. J. Darlington
 Perry, Will H. Gratiot
 Rood, Henry South Wayne
 Rood, Minnick C. South Wayne
 Smith, Alva J. Gratiot
 Smith, John F. Darlington
 Strommen, Anton A. Blanchardville
 Thompson, Gilbert G. Blanchardville
 Usher, Earl South Wayne
 Watrud, Hjalmar Blanchardville

LANGLADE COUNTY.

Follstad, Anton Elcho
 Kalouner, Edward Antigo, R. 5
 Leykom, J. Wallace Antigo
 Nordman, E. Polar
 Persen, Alfred Bryant

LINCOLN COUNTY.

Wisner, L. R. Merrill

MANITOWOC COUNTY.

Arnold, Arthur A. Kiel
 Axley, Walter Cleveland
 Bauer, A. H. Manitowoc, R. 2
 Behm, Walter F. Manitowoc
 Bender, Fred., Jr. Cleveland
 Berge, Anton O. Valders
 Berge, Oscar A. Valders
 Berge, Otis L. Valders
 Bruhn, John F. Two Rivers, R. 1
 Clusen, Reinhold Manitowoc, R. 2
 Eggert, Gust. Two Rivers, R. 1
 Eisenmann, Harvey Mishicot
 Erickson, Albert L. Reedsville
 Garey, James Grimms
 Geraldson, Mervin Manitowoc
 Gigestad, Benneth Manitowoc
 Gunderson, Clifford Manitowoc, R. 4
 Gustavson, Chas. Manitowoc
 Halvorson, Arthur E. Manitowoc
 Hansen, Warner Manitowoc
 Hayden, Thos. H. Grimms
 Hoefner, Herbert Manitowoc

Huhn, Wm. Cleveland, R. 1
 Johannes, Albert Two Rivers
 Kielsmeier, Hugo C. Cleveland, R. 3
 Kings, Benjamin J. Reedsville
 Kirby, James J. Grimms
 Klann, Adolph Reedsville
 Klessig, Edwin O. Cleveland
 Klessig, Otto Cleveland
 Knutson, Ed. A. Manitowoc, R. 4
 Koellmer, Gustav Cleveland
 Kolb, Ed. Cleveland, R. 2
 Lutze, Geo. Cleveland
 Marken, Otis A. Valders
 Marken, Richard Valders
 Moldenhauer, W. C. ... Manitowoc, R. 1
 Nate, George B. Grimms
 Paulson, J. E. Manitowoc
 Pritzl, John A. Cato, R. 1
 Riederer, Blas. Cato
 Roethel, Herman Kiel
 Salzman, Ed. Kiel, R. 2
 Schulte, Peter J. Cleveland
 Straka, Edw. E. Maribel, R. 2
 Strowig, Wm. A. Cleveland, R. 1
 Sullivan, Jas. A. Grimms
 Thieleke, Ed. A. Kiel, R. 2
 Thompson, Geo. H. Quarry
 Tyler, James G. Valders
 Wehrwein, Walter Manitowoc
 Wiegand, Otto R. Cleveland
 Wigen, Andrew Quarry
 Wigen, Walter E. Manitowoc
 Wilkowski, Hugo Mishicot

MARATHON COUNTY.

Aderhold, H. F. Athens
 Arnold, Philip Edgar
 Baesemann, Otto Edgar
 Brehn, E. A. Colby
 Brotherton, Alvin Colby
 Griffith, James Spencer
 Heinke, Alvin E. Stratford
 McAdam, Cecil Schofield
 Nieman, Walter G. Hamburg
 Parsch, Gustav A. Wausau
 Reinhardt, W. H. Wausau, R. 2

MARINETTE COUNTY.

Falarsh, Frank Peshtigo
 Gould, Guy Peshtigo
 Gould, Merrill M. Peshtigo
 Magee, Ellis Coleman
 Schneider, Gottlieb P. Walsh

MARQUETTE COUNTY.

Dimond, Nicholas Montello
 Hamilton, T. S. Westfield, R. 1
 Haskins, Leon O. Montello
 Houslet, Neal Packwaukee
 Johnson, Sam. A. Westfield
 Judd, Jesse L. Endeavor
 McDowell, D. P. Packwaukee
 Parrott, Alfred Endeavor

MILWAUKEE COUNTY.

Babeck, Chas. L. Milwaukee
 405 Colby-Abbott Bldg.
 Basse, Wm. H. West Allis, R. 5
 Dennison, Nicholas No. Milwaukee, R. 10

MEMBERSHIP LIST—continued.

Diderich, Nicholas A. No. Milwaukee
 Guenther, Nelson W. So. Milwaukee,
 R. 17
 Hickcox, J. Gilbert Whitefish Bay
 Jungbluth, Wm. J. West Allis, R. 5
 Kinney, Clinton Wauwatosa
 Kurtze, Otto C. West Allis, R. 15
 Loewe, Arthur P. Milwaukee, R. 8
 Machimura, K. West Allis,
 In care of Rust Bros.
 Meyer, Alfred J. Oakwood, R. 18
 Mower, J. P. Wauwatosa
 Nicolaus, Chas. A. Cudany
 Pierner, Fred No. Milwaukee
 Swan, Earling Milwaukee,
 Sta. B., R. 6
 Swan, Robert G. Milwaukee
 Sta. B., R. 6
 Tift, J. Ringland Wauwatosa
 Unger, Edward F. No. Milwaukee, R. 9
 Unger, Ernest F., Jr. .. No. Milwaukee,
 R. 9
 Warzynakoski, Arthur F. Oakwood,
 R. 18

MONROE COUNTY.

Aarness, O. C. Cashton
 Anderley, Louis Kendall
 Poth, F. D. Norwalk
 Freeman, Geo. A. Sparta
 Funican, Wm. Kendall
 Gamedinger, John Kendall
 Grassman, Alfred Kendall
 Hansen, Henry T. Sparta
 Hanson, Will Cataract
 Hanchett, W. H. Sparta
 Harris, R. E. Warrens
 Hitchcock, Clarence E. Sparta
 Hitchcock, Wm. P. Sparta
 Hoard, L. R. Cataract
 Howell, Horace P. Sparta
 Jewett, Donald C. Sparta
 Kirst, Ernest J. Tomah
 Lee, L. Leon
 Leverich, J. W. Sparta
 Miller, L. A. Sparta
 Mistele, Wm. O. Kendall
 Moseley, A. G. Cataract
 Pratt, Vernon Cataract, R. 2
 Nathen, Paul R. Kendall
 Steinbach, Otto Kendall
 Von Haden, Eddie Kendall
 Whitehead, H. W. Leon
 Wilkinon, Edw. Wilton
 Wyatt, E. E. Tomah

OUTAGAMIE COUNTY.

Bixby, Phil T. Appleton
 Jahnke, Albert Black Creek
 Jamison, Clarence Appleton
 Jamison, Harvey Appleton
 Jamison, Robert Appleton
 Jamison, Stanley Appleton
 Jamison, W. G. Appleton
 Johnson, Chas. G. Welcome
 Johnston, Frank R. Appleton, R. 6
 Johnston, Oney Appleton
 Klemm, Lewis J. Welcome
 Koss, Otto W. Medina
 Lemke, Albert Welcome
 Letts, Edw. F. Appleton, R. 4

Merkel, Henry Appleton, R.
 Mills, Roscoe C. Appleton, R.
 Mueller, Edward O. Appleton
 Pirner, Fred Sugar Bush, R. 26
 Ryan, Malachi So. Kaukauna
 Schaefer, R. J. Appleton
 Schmit, Albert Appleton
 Schmit, Alois E. Hortonville
 Schmit, A. W. Appleton
 Schmit, Geo. Greenville
 Schmit, Wm. F. Appleton, R. 2
 Thoma, Ernest Sugar Bush, R. 26
 Tubbs, J. Herbert Seymour
 Wussow, Chas. A. Seymour
 Zahrt, F. H. Hortonville

OZAUKEE COUNTY.

Ahlers, Walter Grafton
 Behrens, Bernh. Grafton
 Blank, Geo. A. Grafton
 Bremer, Paul Saukville, R. 1
 Clausing, Adolph Thiensville
 Groth, C. A. Cedarburg
 Groth, Louis Cedarburg
 Kieffer, Mike Fredonia
 Meyer, A. H. Grafton
 Pierner, John W. Thiensville
 Port, Mike Grafton
 Quast, Arthur E. Saukville

PEPIN COUNTY.

Fleishauer, C. K. Arkansas
 Fox, Phil., Jr. Durand
 Gustafson, Theo. Stockholm
 Jahnke, J. F. Pepin
 Pattison, H. A. Durand, R. 3

PIERCE COUNTY.

Anderson, Martin River Falls
 Batho, Lester Plum City
 Brown, Monro Bay City
 Brown, Wm. Spring Valley
 Hanson, Henry O. .. Spring Valley, R. 4
 Heinze, Louis Prescott
 Lowe, James G. River Falls
 Nelson, Fred River Falls
 Neystrom, Archie Maiden Rock
 Persons, M. B. Plum City
 Pierce, W. O. River Falls
 Smith, Fred River Falls

POLK COUNTY.

Cook, Winifred Deer Park, R. 1
 Elkins, Arthur O. Amery
 Ferris, Sherman St. Croix Falls
 Germanson, Herbert Luck
 Lee, Oliver Amery, R. 2
 Legreid, Henry E. Deer Park
 Lindberg, Clinton H. . Dresser Jct., R. 1
 Jerdee, Perry S. Deronda
 Miller, A. J. Milltown
 Nelson, Willie Milltown, R. 1
 Petersen, Erri M. Amery, R. 4
 Rehbein, A. E. St. Croix Falls, R. 1
 Uhlin, Albin S. Clayton
 Uhlin, F. E. Clayton

MEMBERSHIP LIST—continued.

PORTAGE COUNTY.

Arnott, Grace M. Stevens Point
 Boston, W. J. Stevens Point
 Brekke, Anton B. Rosholt
 Clark, W. E. Stevens Point
 Gullickson, Gust Nelsonville
 Hanson, N. P. Amherst Jct., R. 2
 Peterson, Perry O. Amherst
 Williamson, Boyd Amherst Jct.
 Wroldstad, Alfred M. Amherst Jct.

PRICE COUNTY.

Halvorson, Theo. Kennan
 Hoffmann, Conrad Phillips

RACINE COUNTY.

Adland, P. H. North Cape
 Chambers, O. Union Grove
 Cook, Geo. L. Burlington
 Cook, Joe C. Burlington
 Dukleth, J. O. Waterford
 Gehrand, Arthur A. Rochester
 George, W. R. Corliss, Edola Farm
 Holloway, Ed. M. Union Grove
 Klofanda, Reuben Racine, R. 1
 Klofanda, Royal Racine, R. 1
 Jacobson, C. H. Waterford, R. 25
 Renak, Edw. Racine, R. 2
 Robers, Wm. J. Burlington
 Rolfson, C. E. Racine
 Skewes, Edwin B. Union Grove, R. 6
 Sorenson, Hilbert Franksville
 Spartz, N. A. Union Grove

RICHLAND COUNTY.

Annear, Rolland Richland Center
 Collins, Edmund Tavera
 Collins, Robert Tavera
 Ellsworth, R. W. Tavera
 Ghastin, Floyd L. Twin Bluffs
 Ghastin, Wm. J. Twin Bluffs
 Janecek, C. M. Bloom City
 Jaquish, J. E. Twin Bluffs
 Lawton, A. R. Vioia
 Oman, Carl Tavera
 Post, H. L. Sextonville
 Schmitz, Edw. Lone Rock
 Schmitz, Hubert Lone Rock
 Straug, Frank Lone Rock
 Thorpe, J. R. Tavera
 Turgasen, J. H. Richland Center
 Welsh, S. L. Tavera

ROCK COUNTY.

Austin, A. Janesville
 Austin, Alva G. Janesville, R. 6
 Austin, Alvina L. Evansville
 Austin, Clifford P. Janesville
 Austin, Geo. M. Janesville
 Austin, George M. Janesville, R. 6
 Austin, Henry L. Evansville
 Austin, W. B. Janesville
 Austin, Wilbur D. Janesville
 Austin, Willard O. Milton
 Barker, E. S. Janesville
 Benedict, E. L. Beloit, R. 30

Bingham, E. L. Milton
 Bingham, Howard L. Milton
 Caldo, Leslie Janesville, R. 1
 Coon, Elam P. Milton Jct.
 Dougan, W. J. Beloit, R. 30
 Dresser, J. G. Beloit
 Ellis, E. J. Evansville, R. 19
 Greene, Jay I. Clinton
 Hintz, Wm. F. Edgerton, Emery Farm
 Jacobs, S. M. Janesville
 Lathers, Chas. F. Beloit
 Latta, F. L. Clinton Jct.
 Lefeber, Wilbur F. Evansville
 Kimble, N. G. Milton Jct.
 McCoy, George L. Evansville
 Marston, Roy C. Beloit
 Marston, Albert E. Beloit
 Moore, Fred W. Beloit
 Moseley, H. B. Beloit
 Mueller, M. J. Edgerton
 Porter, L. W. Evansville
 Porter, W. N. Evansville
 Porter, W. B. Evansville
 Shuman, Chas. F. Koshkonong
 Simpson, Lloyd L. Edgerton
 Smith, Lewis E. Beloit
 Snyder, Elmer G. Clinton Jct.
 Snyder, R. B. Clinton

RUSK COUNTY.

Sheen, C. J. Trevor

ST. CROIX COUNTY.

Alberts, Will New Richmond
 Arnquist, J. F. New Richmond
 Bailey, H. E. Hudson
 Batten, S. E. Hudson
 Bennett, Wm. L. Stanton
 Boardman, Benj. New Richmond
 Bradley, H. C. Hudson
 Brunner, Fred F. Hudson
 Brunner, R. W. Hudson
 Carlson, Nels P. Hudson
 Fay, Albert W. New Richmond
 Ferris, Sherman St. Croix Falls
 Hogan, E. J. New Richmond
 Imrie, David Roberts
 Kruschke, Alvin C. New Richmond
 Kruschke, Geo. H. New Richmond
 Paulson, P. A. Hudson, R. 2
 Peterson, August Stanton
 Schwandt, Wm. Stanton
 Utgaard, Peter W. Cylon

SAUK COUNTY.

Accola, John F. Prairie du Sac
 Borck, Sam. No. Freedom
 Clavadatscher, T. Sauk City
 Cobleigh, Rollo S. Delton
 Enge, Eugene Prairie du Sac
 Frederickson, Fred Spring Green
 Gade, Adolf Reedsburg, R. 2
 Gasser, Geo. W. Spring Green
 Getschmann, Willie No. Freedom
 Graves, D. W. Baraboo, R. 3
 Grass, C. F. Prairie du Sac
 Hatz, Jacob H. Prairie du Sac
 Hill, J. L. Prairie du Sac
 Herwig, R. B. Delton
 Herwig, Theo. E. Delton

MEMBERSHIP LIST—continued.

Hinrichs, Ernest Reedsburg, R. 4
 Hood, D. L. Spring Green
 Houghton, F. T. Reedsburg, R. 3
 Johnson, Glenn Baraboo, R. 2
 Kindschi, Edwin Prairie du Sac
 Koenecke, A. E. Reedsburg
 Koenecke, Edw. H. Reedsburg, R. 5
 Lachmund, Robert Sauk City
 McGinnis, Chas. Baraboo
 Marshall, W. S. Delton
 Moely, Conrad Prairie du Sac
 Olp, Frank J. Delton
 Pearson, Clarence LaValle
 Riek, Anthony Plain
 Rieser, Alfred E. Spring Green
 Robson, Melvin Spring Green, R. 1
 Rusch, E. W. Reedsburg
 Schuette, Herman W. Reedsburg
 Sherwood, Chas. B. Spring Green
 Steidtmann, Edwin Merrimac
 Stone, J. R. Reedsburg
 Toole, W. A. Baraboo
 Vonder Ohe, August H. Reedsburg
 Vonder Ohe, Wm. H. Reedsburg
 Weirich, Martin J. Baraboo
 Wichern, Carl W. Baraboo
 Wichern, Louis M. Baraboo
 Wischhoff, E. H. Reedsburg

SAWYER COUNTY.

Uhrenholdt, Jens Leonard
 Uhrenholdt, S. J. Leonard

SHAWANO COUNTY.

Berg, Carl J. Tigerton
 Herr, John G. Matton
 Hildemann, Alex. E. Belle Plaine
 Kloudahl, J. J. Wittenberg
 Norrbom, C. G. Eland
 Wedgwood, R. E. Shawano

SHEBOYGAN COUNTY.

Berge, Oscar A. Valders
 Dennerlein, Arthur J. Plymouth
 Frauenheim, O. R. Random Lake
 Garside, Harry R. Cedar Grove
 Hoppert, Martin Sheboygan, R. 4
 Illian, Wm. L. Adell
 Lubbers, William Cedar Grove
 Ogle, James Waldo
 Parrish, J. O. Plymouth
 Reineking, Rudolf H. .. Sheboygan Falls
 Schaefer, Henry G. Plymouth
 Veldboom, John Cedar Grove
 Wagner, Arthur L. Haven, R. 6
 Wunsch, Alfred J. C. Haven
 Wunsch, Hugo E. Haven

TREMPEALEAU COUNTY.

Gilbertson, C. P. Arcadia
 Graul, Edw. J. Independence
 Hagestad, A. C. Ettrick
 Hegge, Julius Galesville
 Johnson, Frank L. Osseo

Markham, F. C. Independence
 Mattison, Thos. Blair
 Moen, Gilbert T. Eleva
 Pederson, Peter Eleva, R. 3
 Ristau, Emil O. Osseo
 Thompson, A. L. Blair
 Thompson, Paul Blair

VERNON COUNTY.

Aberg, Jacob DeSoto
 Amoldt, Marcus Viroqua
 Bean, R. P. DeSoto
 Cade, Joseph M. Viroqua
 Dahl, A. J. Viroqua
 Davis, J. L. DeSoto
 Fisher, Leslie Viroqua
 Fisher, Perl Viroqua
 Henry, Ernest E. Viroqua
 Herold, Rudolph, Jr. Stoddard
 HOLLIER, David Westby
 Lawrence, W. J. DeSoto
 Lindevig, Oscar O. Viola, R. 1
 McClurg, Walter F. Viroqua
 Neprud, Nels O. Coon Valley
 Olson, G. C. Westby
 Sebion, Cornelius Westby
 Sebion, Stanley Westby
 Sebion, T. Westby
 Sherry, Selmer Viroqua
 Sorem, Erick West Prairie
 Staley Bros. Hillsboro
 Stegna, Charis Viroqua
 Surggum, Oscar Viroqua
 Swiggum, Neil Viroqua

WALWORTH COUNTY.

Arnold, Walter C. Lake Geneva
 Brentner, George F. Lake Geneva
 Bromley, Fred G. Whitewater, R. 4
 Coates, Clinton J. Elkhorn, R. 6
 Coit, H. W. Darien
 Dow, Everett J. Whitewater
 Dunbar, Harry D. Elkhorn
 Ellis, R. H. Darien
 Foerster, M. F. Whitewater, R. 2
 Gile, Fred Sharon
 Kiteley, Leonrad W. Sharon, R. 2
 Kuehne, Edm. H. Lake Beulah
 Lewis, E. H. Whitewater
 Lowell, Lloyd S. Sharon
 McCarthy, Edw. Walworth
 McLeod, Stanley Lake Geneva
 Meurer, Paul Genoa Jct.
 O'Dell, Wm. Lake Beulah
 Palmer, Earl Lake Geneva
 Peterson, Peter Walworth, R. 1
 Peters, Ezra Sharon
 Peters, John Lake Beulah
 Piper, Harry B. Sharon
 Robinson, A. S. Lake Geneva
 Schwartz, John A. Troy Center
 Smith, Carroll H. Delavan, R. 3
 Thacher, Ed. F. Zenda
 Thacher, Louis E. Zenda
 Thompson, Alfred N. Delavan
 Utter, Delwin H. Lake Beulah
 Warmington, Prentice Honey Creek
 West, Mark Elkhorn
 Wright, John Whitewater

MEMBERSHIP LIST—continued.

WASHBURN COUNTY.

Busch, Andrew F. Spooner
 Melby, Dan. Spooner, R. 2
 Oestreich, L. J. Spooner, R. 2
 Soholt, Gustav L. Madge

WASHINGTON COUNTY.

Backus, Franklin G. Kewaskum
 Baer, A. C. West Bend
 Baertlein, V. J. So. Germantown
 Baertlein, Wm. A. So. Germantown
 Connell, Clarence J. Colgate, R. 1
 Flynn, John W. Hartford
 Gutschenritter, F. J. West Bend
 Klumb, Albert J. Rockfield
 Klumb, Hugo G. Kewaskum
 Klumb, Oscar Rockfield
 O'Connell, James Hartford
 Peters, J. Y. West Bend
 Puls, John Hartford
 Schermerbom, G. B. Hartland
 Schottler, Conrad J. So. Germantown
 Stuesser, Eugene Richfield
 Woldt, Hugo Jackson
 Ziemer, Paul Jackson, R. 2

WAUKESHA COUNTY.

Baird, Jas. W. Waukesha, R. 2
 Baird, Robert L. Waukesha
 Baird, W. L. Waukesha
 Blackwell, Leslie C. Waukesha
 Boyd, Jas. T. Waukesha, R. 7
 Brown, R. P. Hartland, R. 21
 Butler, G. C. Merton
 Cooper, Joe Pewaukee
 Craig, George D. Oconomowoc, R. 25
 Dance, George Brookfield, R. 12
 Dance, James Brookfield
 Davies, Evan Waukesha, R. 8
 Dibble, R. A. Menomonee Falls
 Dineen, C. F. Pewaukee
 Dopp, Paul B. Waukesha
 Fuller, Albert North Lake
 Fuller, Horace North Lake
 Fuller, Roland North Lake
 Gierke, Erwin A. Waukesha
 Graser, Adam H. Waukesha, R. 4
 Grengo, A. L. Menomonee Falls
 Gunderson, Forrest D. Oconomowoc
 Hall, Frank Hartland, R. 21
 Hall, John M. Hartland, R. 21
 Hardy, John Waukesha
 Hart, Wm. C. Brookfield
 Heling, Paul ... Menomonee Falls, R. 18
 Hicken, A. B. Waukesha
 Hill, Charley Brookfield
 Hill, Charles T. Brookfield
 Hill, J. T. Brookfield
 Holt, Lester H. Oconomowoc
 Jeffery, H. B. Menomonee Falls
 Jones, Albert Dousman
 Kaul, E. H. Waukesha
 Klussendorf, Fred E. ... Waukesha, R. 6
 Knowlton, A. R. Waukesha
 Kraetsch, Alvin C. Menomonee Falls
 Kultz, Harvey A. Waukesha
 Lewis, Owen H. Genesee Depot
 Longley, A. E. Dousman

Longley, H. N. Dousman
 Mitchell, Dean Brookfield
 Mitwede, Henry Waukesha
 Nicolaus, D. C. Mukwonago
 Omann, C. H. Nashotah
 Pabst, Fred Oconomowoc
 Peebles, John Oconomowoc
 Peebles, Percy A. ... Oconomowoc, R. 25
 Pokfus, Edw. H. Waukesha
 Price, W. Howard Waukesha, R. 9
 Reyer, Walter R. Templeton, R. 20
 Rosenow, Arthur Oconomowoc
 Rosenow, H. E. Oconomowoc
 Rust, S. H. Mukwonago
 Schermerbom, G. B. Hartland
 Schroeder, F. C. Hartland
 Schumacher, John F. Waukesha
 Schwartz, Peter C. Waukesha
 Seitz, Adam Waukesha
 Sleep, S. S. Hartland, R. 21
 Stewart, Joe. H. Wales
 Swanton, John Oconomowoc
 Swoboda, F. G. Dousman
 Tempero, Roy J. Menomonee Falls
 Williams, Orson P. Waukesha, R. 8

WAUPACA COUNTY.

Almon, Perry T. Weyauwega
 Bestul, Martin Scandinavia
 Bille, J. Waupaca
 Harrington, Forest Waupaca
 Harrington, Myron Waupaca
 Johnson, Hanford Iola
 Kendall, Myron Iola, R. 3
 Kneip, Wm. Weyauwega
 Knoke, Hugo Readfield
 Kunkel, Arthur M. Manawa
 Larson, LeRoy Iola
 Nace, Franklin Iola
 Pinkerton, A. J. Waupaca
 Pinkerton, Fred Waupaca
 Rosholt, Jacob A. Scandinavia
 Wall, Floyd Weyauwega
 Wied, Edw. Waupaca

WAUSHARA COUNTY.

Bartleson, H. C. Pine River
 Eagan, J. J. Wautoma
 Evans, Edgar Wild Rose
 Harris, A. M. Plainfield
 Jacobs, A. F. Coloma
 Knuteson, Ernest L. Wautoma
 Larson, J. M. Wautoma
 Owens, Edwin Wild Rose
 Thorstad, Clarence Wautoma, R. 6

WINNEBAGO COUNTY.

Blakely, Albert J. Neenah
 Boss, Sam J., Jr. Oshkosh, R. 7
 Boss, Ulrich Oshkosh, R. 7
 Bussey, W. P. Omro
 Cross, A. J. Allenville
 Davis, J. C. Oshkosh
 Ihrig, J. J. Oshkosh, R. 4
 Marshall, A. C. Omro
 Miller, Henry C. Allenville
 Olson, Harry O. Larsen

MEMBERSHIP LIST—continued.

Palfrey, John R. Omro
 Rasmussen, Fred Neenah
 Smith, Seymour L. Oshkosh, R. 5
 Tanner, A. V. Omro
 Treleven, Guy T. Omro
 Waite, S. R. Oshkosh
 Wood, Calvin D. Oshkosh

WOOD COUNTY.

Clark, Chas. F. Babcock
 Kronholm, Edw. Grand Rapids
 Peterson, Einar A. Milladore

NON-RESIDENTS.

ARIZONA.

Stienstra, S. J. Keams Canon

CALIFORNIA.

Wulff, Fred B. Gustine

COLORADO.

McLean, Donald La Garita

ILLINOIS.

Akins, Clyde, E. Warren
 Beitel, Perry A. Rochelle, R. 3
 Bennett, H. J. Cherry Valley
 Bruning, Jacob Shermerville
 Bryson, Donald L. Elizabeth
 Chetlain, Louis A. Galena
 Christenson, Emil Hartland
 Coffin, Russell H. Rockford, R. 7
 Cook, Oscar M. Apple River
 Corley, Fay H. Tower Hill
 Coulter, Dean Ohio
 Dienst, Arthur H. Hinckley
 Durand, Mrs. Grace G. Lake Bluff
 Gaston, L. E. Barrington
 Hitchcock, H. R. Pecatonica
 Horton, James E. Waukegan
 Hoxsey, E. R. Serena
 Jones, Ira P. Hinckley
 McGeachie, Edw. P. Rockford, R. 8
 Martin, Walter I. Chicago,
 5212 So. Park Ave.
 Osterday, E. C. Stockton
 Phillips, Jesse Elizabeth
 Richardson, Geo. J. Spring Grove
 Sargent, Lester Warren
 Smithwick, M. W. Chicago,
 115 Adams St.
 Vullmahn, Ernest F. Edgebrook
 Webbe, Wm. E. Barrington
 Wilcox, H. L. Roscoe

INDIANA.

Dewire, M. E. Hamilton
 Fuller, Robert Mishawaka
 Lindenman, J. H. Mishawaka
 Logan, R. G. New Palestine

IOWA.

Anderson, Theo. Waterville
 Berns, F. H. Guttenberg, R. 1
 Brandt, Elmer H. Clayton
 Brooks, Homer H. Hopkinton
 George, Russell Scranton
 Klaus, C. S. Colesburg
 Thompson, T. Jr. Wadena

MEXICO.

Cardenas, F. F. Saltillo, Coah.

MICHIGAN.

DeForest, Theo. K. Ann Arbor
 Hatch, L. M. Big Bay
 Lamson, Robert J. Blissfield
 Larsen, Chas. Brown City
 Meyer, A. J. Howell, R. 7

MINNESOTA.

Hillier, H. B. Brownsdale
 Holcomb, W. R. Excelsior
 Peace, Jas. W. Duluth, R. 3
 Stevenson, J. W. Winnebago
 Vollrath, August St. Bonifacius
 Wiker, N. H. Mabel

MISSOURI.

Bliss, George M. Warrensburg

MONTANA.

Bennett, C. S. Somers
 Mayer, Sidney Kalispell

NEBRASKA.

Semb, Allen T. Schyler, R. 1
 Wrabetz, Frank Schyler, R. 1

NEW HAMPSHIRE.

Conant, W. A. Temple

NEW JERSEY.

Geller, Henry Wm. Woodbine

NEW YORK.

*Hayes, Edwin H. Buffalo,
 533 W. Ferry St.
 Mills, Stanley Walden
 Northrup, H. R. .. East Hampton, Long
 Island

* Deceased.

MEMBERSHIP LIST—continued.

OHIO.	TEXAS.
Alcalay, S. J. Columbus, 1621 Neil. Ave.	Smith, Ray K. El Paso
Messerschmidt, S. H. Flat Rock	
PENNSYLVANIA.	UTAH.
Rorer, Wm. A. Mt. Gretna	Carey, Jas. Fruitland
SOUTH DAKOTA.	VIRGINIA.
Porter, W. L. Madison, R. 2	Allen, E. S. Claremont

NINTH ANNUAL MEETING

OF THE

Wisconsin Agricultural Experiment Association

AGRICULTURAL HALL

MADISON, WISCONSIN

The officers and members of the Association extend a cordial invitation to all interested in progressive farming to attend its meetings and take part in the discussions.

PROGRAM

FRIDAY, 9 A. M.

Annual Address of the President.....C. P. Norgord, Madison
Secretary's Report.....R. A. Moore, Madison
The Future of Agriculture.....Oliver E. Baker, Madison
Seed Inspection as It Applies to Members of the Wisconsin Ex-
periment Association.....A. L. Stone, Madison
Farm Management.....R. H. Poston, Knapp
Southern Farming.....J. J. Tschudy, Paso del Rio, Colima, Mexico

FRIDAY, 2 P. M.

Election of Officers, Reports of Committees, etc.

Plan of Work for the Coming Year:

Division of Farm Crops.....R. A. Moore
Division of Horse Breeding.....A. S. Alexander
Division of Soils.....A. R. Whitson
Division of Chemistry.....E. B. Hart
Division of Farm Mechanics.....C. A. Ocock
Division of Agricultural Extension.....K. L. Hatch

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Report of Secretary of the Fond du Lac County Order of the
Wisconsin Experiment Association.....Henry Michels
Report of Secretary of the Dodge County Order.....H. E. Krueger
Report of the Secretary of the Manitowoc County Order, O. R. Wiegand
Report of the Secretary of the Monroe County Order.....L. A. Miller
Report of the Secretary of the St. Croix County Order..Wm. Schwandt
Report of the Secretary of the Sheboygan County Order
.....O. R. Frauenheim
Report of the Secretary of the Vernon County Order.....Jos. Cade

FRIDAY, 7:30 P. M.

Joint sessions of the Experiment Association, Short Course Alumni,
and Short and Long Course Literary Societies.

Instrumental Music.....Short Course Orchestra
Opening Remarks.....Dean H. L. Russell
Vocal Music.....Short Course Glee Club
State Affairs.....J. A. Frear, Sec. of State
Instrumental Duet.....Mesdames G. C. Humphrey, F. W. Woll
AddressProf. P. G. Holden, Ames, Iowa

SATURDAY, 8:30 A. M.

Reports of Farm Inspectors:

Fond du Lac County.....Henry Michels
Dodge County.....H. E. Krueger
Monroe County.....Geo. Freeman
Manitowoc County.....O. R. Wiegand
Methods of Farm Advertising.....J. C. Marquis, Agricultural Editor
Cooperation of Members of the Experiment Association with
State Board of Agriculture.....J. M. True, Secretary

SATURDAY, 2 P. M.

Inspection of prize winning seed grains.

EIGHTH ANNUAL REPORT

OF THE

Wisconsin Agricultural Experiment Association

ADDRESS OF PRESIDENT.

C. P. NORGORD, MADISON, DANE CO.

It is with great pleasure that I greet you at this the opening meeting of the ninth annual session of the Wisconsin Experiment Association. I trust that the addresses made and the deliberations entered into may result in increased knowledge and inspiration to each person present.

The past year has been a year of inspiration, and has seen the fruition of early plans and labors. There has been established this year five new suborders of the association making in all seven thrifty suborders. We welcome each of them to our midst, and hope that each may prosper and prove a tower of strength to its local community and to the parent organization. Much legislation favorable to our cause has been passed. The sale of seed grains has been immense. The reputation of Wisconsin as a seed grain state is rapidly becoming known in all parts of the land. More notable perhaps than any other achievement has been the outcome of Wisconsin grain in competition at the Omaha Exposition. At this exposition our grains were measured up against grains from all parts of the land. The result determined by unbiased, capable judges, tested by ambitious, resourceful opponents, clearly placed Wisconsin cereals of all classes in the lead.

This is the twenty-seventh year of the existence of the Wisconsin Experiment Station and College of Agriculture. During

this time many great discoveries and achievements of inestimable value to this state and to the world have been brought forth by it and many young men have passed under the influence of the College and have gone out to occupy useful and prominent positions in all parts of the world.

The Station was established primarily for the benefit of the farmer of this state. It is therefore important that there be, at all times, a vital relationship and an open channel of intercourse between the Station and the people of the State. I know of no means of securing this so effective and important as through this Experiment Association. Each member has at some time been a student of the College. We are all familiar with its work, we have imbibed the spirit. We look with pride upon our College, with its world wide and growing fame. We are glad to be among its products and to share in the benefits of its reputation.

Our members are scattered widely throughout the State, each being a leader, in close and vital touch with his own community. When the College speaks through this Association the message is borne to every city, hamlet and farming community to the very limits of the State.

The Experiment Station has delegated to the Department of Agronomy the work of breeding farm crops and improving their culture. This work involves great responsibility and the possibility of millions of dollars of improvement to the State. In performing this work, this Department has invited the cooperation of former students of the College and formed this Association. You are aware of what has been accomplished and brought to the farmers of the State through this organization as a distributing channel.

Methods of growing and handling Alfalfa have been worked out and introduced. Improved Oderbrucker barley, Swedish select oats, Wisconsin No. 7 and No. 12 corn and other seed grains have been sent out. The present year witnesses the dissemination of the Pedigree Barley, the sweepstakes barley of the world, the result of ten years careful and persistent breeding.

In receiving these grains from the Station, first the members of this Association are enjoying the benefits of the work of the Station before all others and are thus given the possibility of profits from the sale of seed grains.

The Station has also in recent years turned the extension work of other departments into this Association. It has thus greatly increased the possible lines of work by which members of this Association may profit.

Because of this interdependence of the Station and this Association and their combined relation to the people of the State at large it is greatly to the interest of both that the close relationship of past years be continued and carefully guarded and strengthened in the future. This can be done by an intelligent, liberal policy pursued by the Station and the loyal support of each member of this Association generously given to the support of the Station and its policies.

This Association has been and should rightfully be a mighty force for good legislation in the State. In order to accomplish the greatest good along this line, we should all strive to keep to the forefront of advancement, know what has been done, and strive to study further needs with a view to finding and suggesting remedies.

In the exercise of this function there is danger of falling into great error. We must guard with greatest care against any attempt to make this organization a political machine. The resolutions passed by this Association and the legislation which has come forth speak well for our work along this line.

We have in times past recommended such measures as:

Legislation for the improvement of roads.

Securing appropriations for agricultural extension.

The establishment of a system of seed inspection throughout the State by the University.

Today these measures have become laws promising great good to our State. The appropriation for agricultural extension has made it possible for the College of Agriculture to bring to the individual farmer as never before the practical and profitable things it has to offer. This it does through a large number of farmers' courses, traveling schools, substations and demonstration farms and individual workers among the farmers. This work should be greatly extended in the future and should receive larger support. Members of this Association should see to it that the next legislature gives this work more liberal support.

We have at times heard complaints from purchasers of seed that a few members of this Association are selling seeds of in-

ferior quality, uncleaned, and in some cases entire misrepresentations. This organization was founded primarily for the dissemination of pure bred seeds of the Wisconsin Experiment Station. The Station in placing these seeds in the hands of members of this Association for distribution is, together with this Association, vouching for their quality and purity. Any member of this Association selling inferior seeds is not injuring himself alone, but is endangering the reputation of this Association and every seed grower within it. He is destroying the market for our seed grains and tampering with the reputation and good name of the University of Wisconsin. He is a living parasite upon his fellow members.

This Association must today take a more firm and open stand than ever before against all members who sell grains not up to the high quality set as its standard. This stand must be nothing short of immediate expulsion and repudiation.

From now on all seeds sold in the State must be tested by the Seed Inspection division of the Department of Agronomy. We have also this year arranged for a farm inspector in each county order whose duty it shall be to inspect the farm of each member selling seed grains, and report on the quality of grains for sale, the methods of growing and caring for the seeds, and the condition of the farm as to freedom from weeds, and general thrift and management.

These two new measures will go far toward checking misrepresentation and dishonesty. But we must not forget that the enforcement of law depends largely upon public sentiment. It will therefore be to the interest of every member of this Association to help create this sentiment by speech and action, and this Association should stand unanimously behind the officers enforcing these regulations in order that these measures may be properly carried out, and that the high quality of our seed grains and good name of our organization may be secure for future time.

REPORT OF THE SECRETARY, 1910.

R. A. MOORE, MADISON, DANE CO.

For the ninth time I have the privilege of submitting to you the Annual Report of the work done by the Experiment Association. No time in the history of our Association has its membership made the importance of their work manifest to so great an extent as they have the past year.

MEMBERSHIP.

Our membership has steadily increased. January 1, 1910, we had a paid up membership of 1,225. This number is an increase of 125 over that of the previous year.

EXPANSION OF THE WORK OF THE EXPERIMENT ASSOCIATION.

It is very gratifying to note the expansion of the work of our Association and the good now being performed along other lines of agricultural effort as well as farm crops. The co-operative work in connection with the Department of Bacteriology, by which thousands of diseased animals were detected, was highly commendable. Following co-operative work planned by the Department of Farm Machinery, numerous corn curing buildings have been erected in which all seed corn used on the farm or sold to others has been properly cured. Several hundred members are co-operating with the Soils Department in the use of fertilizers and farm drainage which will be the means of disseminating this great work widely throughout the State.

COUNTY FAIR WORK.

In addition to the experimental work carried on, the members have taken an active part in their respective county fairs. This is work along the proper line and too much cannot be said to emphasize this line of effort. Our county fairs should become great educational centers where people both young and old annually congregate and see the best products the county is able to produce. The county fair should be a place where our children can safely go and learn from exhibits on hand the importance of the great occupation their parents are following. The

best agricultural thought of the country should center once a year at the county fair and give the stimulus to further effort. By co-operating with the management of the fair I feel confident we can convince the officers that the time has come when premiums paid on scrub grains and scrub live stock should be relegated to the past, and the encouragement should be offered upon products that years of patient work have been expended upon. It is the grains that are capable of producing 3 to 10 bushels more per acre that should be brought to the public notice and not the scrub varieties that are gradually deteriorating. Prominent members of the Association should call upon the county fair secretary and if possible, aid in the revision of the premium list. The fair management is more than willing to receive assistance from any one having the welfare of the fair and the agricultural uplift of the county at heart.

All members of the Association should be active exhibitors at their respective fairs, and aid in the dissemination of good agricultural thought.

The same activity should be displayed at the State and District fairs so that the good work will be as far-reaching as possible.

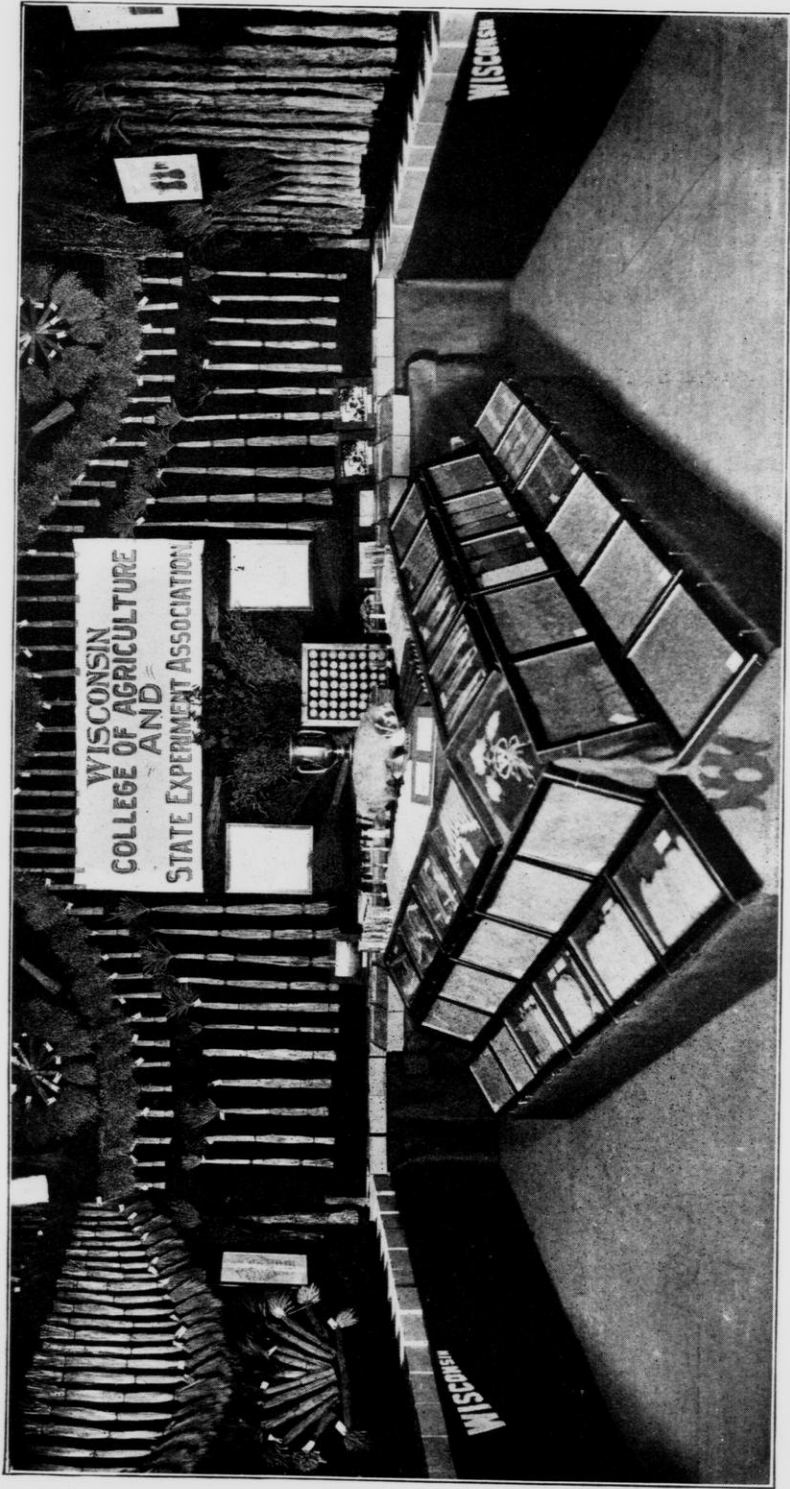
COUNTY ORDERS OF THE ASSOCIATION.

Our membership had increased to that extent in 1908 that the forming of county orders for the purpose of better supervision of the work was thought advisable. These orders were to be formed in those counties having a goodly number of regular members of the Association. The orders were to be officered similar to that of the State organization. The plan has been a decided success and at the present time the following counties have organized and are actively at work: Fond du Lac, Dodge, Monroe, Sheboygan, St. Croix, Vernon and Manitowoc. Several more counties will be organized this winter so that we expect to be able to report double the number next year. The county fair work can be made doubly effective where a good strong organization exists.

COOPERATIVE WORK WITH THE NAT'L CORN & GRAIN ASSOCIATION.

The members of the Experiment Association have taken an active interest in the great National Grain Exposition. Wis-





Agro-nomic Exhibit of the College of Agriculture and Experiment Association at National Corn and Grain Exposition, Omaha, Nebraska, 1909.

consin received at the last Exposition approximately \$2,200 in prizes on grains and forage plants nearly all of which went to Association exhibitors. The pedigreed grains scored heavily and captured practically all prizes in classes where they came in competition with other grains. Since the great victory at Omaha, I think we can safely say without fear of challenge: "Wisconsin is the great seed grain state of America." The beauty of that quotation is the fact that the members who have been instrumental in placing her in the front rank expect to keep her there.

I am not able to give you exact figures as to the amount of seed grains sold by members of the Association, but it is approximately \$250,000 for the year 1909. With the improved corn and the dissemination of pedigree grains we look forward to a material increase in sales in the near future. The members are just now getting in a position to handle large quantities of seed grains to the best possible advantage.

SEED GRAIN INSPECTORS.

In order to more closely supervise the work of our seed growers we have established a system of farm inspection by which each member growing seed grains will be visited at least once a year. This is done for the purpose of emphasizing the importance of sending out as seed grains only that which is of the very best, and discouraging in every possible way the putting on the market of any seeds that are not thoroughly reliable. The farm inspector will be in a position to offer suggestions in regard to growing, storing and marketing seed grains that will be of the utmost importance to the members of the Association visited. This inspection work is confined this year to those counties in which Orders of the Association are in operation. The growing and dissemination of seed grains by the members of the Wisconsin Experiment Association is being watched and commented on by people throughout the world and the reputation so far gained should be carefully guarded. The dishonesty of a single member of the Association will reflect upon the work of all members. If we are now to maintain the high position we have reached and the standard set, we will do so by practicing honesty, uprightness and strict integrity in growing and selling pure bred grains.

From reports received I am able to give the following data regarding tests on grains and forage plants made by members of the association.

Corn.

Silver King (Wis. No. 7).

Number members reporting.....	182
Number counties in the state.....	71
Number of counties from which reports were received.....	45
Average per cent germination of the seed.....	96.7
Number reporting corn as well matured.....	124
Number reporting failure to mature.....	53
Maximum yield (bushels shelled corn per acre).....	115
Minimum yield (bushels shelled corn per acre) poor land.....	5
Average yield per acre (bushels of shelled corn).....	59.03
Average yield per acre any other variety.....	46.8
Difference in yield in favor of No. 7 corn.....	12.23
Number parties planting on fall plowed land.....	43
Number parties planting on spring plowed land.....	113

Early Yellow Dent (Wis. No. 8).

Number members reporting.....	17
Number counties in the state.....	71
Number counties from which reports were received.....	11
Average per cent of germination of the seed.....	96.7
Number reporting corn maturing well.....	12
Number reporting failure to mature.....	2
Maximum yield per acre (bushels shelled corn).....	100
Minimum yield per acre (bushels shelled corn).....	20
Average yield per acre (bushels shelled corn).....	47.9
Average yield per acre any other variety.....	54.3

Golden Glow (Wis. No. 12).

Number members reporting.....	69
No. counties from which reports were received.....	30
Average per cent germination of the seed.....	96.4
Number reporting corn as well matured.....	42
Number reporting failure to mature.....	25
Maximum yield (bushels shelled corn per acre).....	98
Minimum yield (bushels shelled corn per acre).....	10
Average yield per acre (bushels of shelled corn).....	53.7
Average yield per acre any other variety.....	49.6
Number parties planting on fall plowed land.....	36
Number parties planting on spring plowed land.....	31

Oderbrucker Barley (Wis. No. 55).

Number parties reporting to date.....	280
No. counties from which reports have been received.....	55
Number sowing on fall plowed land.....	179
Number sowing on spring plowed land.....	82
Number sowing with drill.....	124

Number sowing with broadcast seeder.....	156
Number sowing by hand.....	6
Number reporting that barley remained erect.....	237
Number reporting that barley lodged.....	38
Number reporting that barley rusted badly.....	8
Number reporting that barley rusted slightly.....	40
Number reporting that barley did not rust.....	229
Number reporting that barley developed smut.....	128
Number reporting that barley was not smutted.....	148
Average yield of Oderbrucker barley (bushels).....	32.3
Average yield of any other variety.....	29.6
Difference in yield in favor of Oderbrucker barley.....	2.7

Swedish Select Oats (Wis. No. 4)

Number of members reporting.....	96
No. counties in the state.....	71
No. counties from which reports have been received.....	39
No. sowing on fall plowed land.....	75
No. sowing on spring plowed land.....	21
No. sowing with drill.....	40
No. sowing with seeder.....	53
No. cases where oats stood up well.....	87
No. treating for prevention of smut.....	12
No. cases where oats were smutted.....	25
No. cases where oats were rusted badly.....	11
Average yield per acre of No. 4 oats (bushels).....	45.8
Average yield per acre of any other variety (bushels).....	45.4

Soy Beans.

Number of members experimenting.....	34
Number counties in the state from which reports were received.....	18
Number of members reporting beans as ripening evenly.....	21
Number members reporting beans as ripening unevenly.....	10
Number members planting beans on fall plowed land.....	16
Number members planting beans on spring plowed land.....	20
Number members using bacteria-laden soil.....	3
Number members reporting nodules on roots of bean plants where soil was inoculated.....	3
Average yield per acre (bushels).....	18.46

Field Beans.

Number members experimenting.....	20
Average date of planting.....	May 25
Average yield (in bushels) per acre.....	13.8
Number reporting beans injured by insect enemies or fungus diseases.....	2

SUMMARY OF CORN AND BARLEY TESTS.

Corn Tests. Five years tests made by members of the Wisconsin Experiment Association with the Silver King Corn (Wisconsin No. 7).

Year.	No. reports.	Average yield No. 7.	Average yield, other varieties.	Increase in favor of No. 7.
1905.....	120	59.2	49.2	10.0 bu.
1906.....	72	67.2	54.8	12.4
1907.....	75	54.5	46.8	7.7
1908.....	154	56.0	44.0	12.0
1909.....	182	59.03	46.8	12.23

Reports from 603 members of the Experiment Association carrying on tests in different parts of the State show an average yield of No. 7 corn for five years of 59.1 bushels per acre; 10.08 bushels of shelled corn above that of the best variety compared with it.

The average yield of the State for five years is 36.5 bu.

The average yield of the U. S. for five years is 27.3 bu.

Barley Tests. Four years tests made by members of the Wisconsin Experiment Association with the Oderbrucker barley (Wis. No. 55).

Year.	No. reports.	Average yield, Oderbrucker.	Average yield, other varieties.	Increase in favor of the Oderbrucker.
1906.....	127	39.1	33.6	5.5 bu.
1907.....	227	30	24.9	5.1
1908.....	288	37.2	31.6	5.6
1909.....	280	32.3	29.6	2.7

Reports from 922 members of the Experiment Association carrying on tests with Oderbrucker barley in different parts of the State show an average yield for four years of 32.8 bushels per acre; 4.7 bushels of Oderbrucker barley above that of the best varieties compared with it.

The average yield of the State for four years is 27.9.

The average yield of the U. S. for four years is 25.9.

SEED INSPECTION AS IT APPLIES TO MEMBERS OF THE WISCONSIN EXPERIMENT ASSOCIATION.

A. L. STONE, MADISON, DANE CO.

The production of high grade seeds by the members of this Association must soon be curtailed in a large measure, unless the spread of noxious weeds is prevented.

There are several ways in which these weeds are being introduced and multiplied on our farms, but by far the most prolific is by sowing agricultural seeds in which these weed seeds are present in greater or less numbers. As seed producers, Association members should be particularly interested in the enforcement of the Seed Inspection Law enacted by the last Legislature. A copy of this law has been placed in the hands of each member present and its provisions should be carefully noted.

Association members are subject to the law excepting only for the provisions made in Section 1494X—8. Members of the Association are subject to prosecution exactly the same as a seed dealer when they expose for sale on the open market seeds which are not labeled with a statement as required by Section 1495x—1 of the law. Members cannot offer for sale even to seed dealers, seeds which contain the seeds of the noxious weeds named in Section 1494—3 in greater number than one to one thousand of the seed offered for sale. They can, however, sell uncleaned seed to dealers who will clean it before exposing it for sale upon the market providing it contains none of the noxious weed seeds. Members may also sell cereals to their neighbors without labeling the same according to law but may not so sell clover and grass seeds.

Where members do not have satisfactory cleaning and germinating apparatus at hand it would be best in all cases to send samples of their seeds for testing to the Seed Inspector, Wisconsin Experiment Station. When sent to the Seed Inspector a fee of twenty-five cents should accompany each sample as required by Section 14948—16 of the law.

It would also be wise to send a sample in any case where unfamiliar weed seeds are present in the sample. The larger number of our noxious weeds are introduced weeds and their seeds are not well known by our farmers. No seed should be

offered for sale or sown upon the farm which contains the seeds of weeds which may prove to be noxious. It will be to the interest of every member of the Association to keep his farm free from weeds and to assist in keeping new weeds from getting established upon the farm. It is therefore necessary that members comply with the law and assist in its enforcement. This can best be done by seeing that all seed sold is tested and properly labeled.

If any unfamiliar weeds are found growing on the farm or unfamiliar seeds are present in grain, grass or clover seeds, specimens should at once be sent to the State Experiment Station for identification. Weeds are spreading very rapidly over the State and members of the Association should exert every effort to prevent their further introduction and dissemination.

STATE AFFAIRS.

J. A. FREAR, SECRETARY OF STATE.

At the present time a great awakening is occurring throughout the country over the conservation of resources. Those undeveloped resources that lie in the soil are destined to play an important part in the welfare of our people. Laws have been passed by the legislatures in aid of agriculture, to give more general information on the subject, to educate farmers to become better farmers and to increase the productiveness of the soil. Such laws are justified because they affect the welfare of the people as a whole.

Today the soil which was supposed to have been worn out on many Wisconsin farms has been quickened by modern methods until it equals in productiveness the virgin soil of fifty years ago. Tobacco, sugar beets, fruit and all the grains here reach a maximum of production. Our fathers did not realize the possibilities of proper soil culture, nor the importance of pure bred grains and stock, in securing better returns. The standing of Wisconsin in the production of butter and cheese, in high grade stock, in bountiful crops no longer depends upon accident or weather. It is a result of careful intelligent farm-

ing and in this respect no state equals ours. The average man is becoming better educated in farming and the varied problems he now has to solve on the farm makes it necessary for him to become a student and business man in the broadest sense.

You have learned to farm better than your fathers and you are expected to run better farms. You have learned to conserve and promote fertility through years of experiment.

You ought to be able and you are able to grow two blades where your fathers grew but one and that is a result worth all the years of careful study given by these instructors, and all the appropriations made by the state for that purpose.

The man who is the most independent citizen of this country is the farmer, for he is capitalist, employer and laborer combined. He fears no business competition, no financial crash, for just so long as a demand exists for food, his products will find a ready market.

We look with interest and pride upon the man who in the wide scope of governmental possibilities performs a service for his fellowmen, but men like Burbank, Babcock, Moore and Holden are doing a service for us that is excelled by no other agency. They are teaching us how to conserve the productiveness of soil and the possibilities of intelligent farming.

They and their fellow investigators are raising the standard of farm life. Today the farmer gets near to nature, lives happier, has higher ideals and a better knowledge of general affairs than the majority of those who are huddled together in the city.

Some day the clerks, floor walkers, factory employees and others of circumscribed surroundings will discover that they are an insignificant part of the great city in which they live and there will be a movement back to the farm. This situation is impressing itself upon the people of today. The unrest, discomfort, noise, and distractions of city life are driving men to a realization of better possibilities to be found out upon the broad acres of our state.

The money Wisconsin is investing in your education is well spent and will be returned many fold by the better methods of farming which will be put into practice in the community where you live. It all aids you to a better understanding of the economic propositions which effect state affairs, of the affairs

that affect you and all other classes of people and you will best serve the state by performing your part in the solution of problems and careful selection of agencies that have to directly deal with state problems.

As a last thought I desire to say that through the efforts of the Wisconsin College of Agriculture and the young men who have gone forth from the College, great things have been accomplished within our state and I know I voice your sentiment and that of our people generally when I say no state in the Union has accomplished so much for agriculture as our own Wisconsin.

METHODS OF FARM ADVERTISING.

J. CLYDE MARQUIS, AGRICULTURAL EDITOR, COLLEGE OF AGRICULTURE AND EXPERIMENT STATION.

Advertising is now recognized as an essential in the management of a successful farm. In the days of the self-sufficing agriculture there was little need of organized publicity since commercial methods were not followed by farmers. With the growing competition in the production of farm crops, live stock, etc., a well planned method of disseminating information relative to what a certain farm has for sale must be adopted by every successful farm manager.

Advertising consists in (1) spreading news and informing the prospective buyer of what is for sale and, (2) creating a demand where no demand has previously existed. Advertising is a creative force and not merely the redirecting of the trade already existing. The total volume of business in this country is actually multiplied and the consumption of many products actually increased by advertising. The farmer may adopt the methods used by other business men and create a demand for his product in the same fashion.

ADVERTISING CREATES DEMAND.

For instance, the farmers of a community may be satisfied with the quality of seed corn they are using and not be disposed to purchase expensive seed from a distance. If, however,

a good variety of corn for that section is thoroughly advertised and its merits, including higher quality, larger yields, early maturity, etc., are fully pointed out, these farmers will soon begin to want the new seed. The result is that there is soon a live demand for the new corn in this community where no demand for seed corn previously existed. Similar illustrations can be drawn for many lines of farm advertising.

An important need for advertising by the young farmer is in establishing a reputation and gaining a patronage. He must, of course, first have the article to sell and the means for distributing it before he can expect to conduct a successful advertising campaign. Many fail to get results from advertising because they do not take into consideration that the advertisement simply attracts attention and calls the inquiry from the prospective buyer and that making the sale is a subsequent process for which the advertisement is seldom responsible. Of course, there are advertisements which are designed to make sales and not merely attract inquiries but their usefulness is limited and confined to a short period.

When the various methods of advertising which the farmer may practice are classified they fall roughly into (1) Local advertising, (2) Correspondence advertising, (3) Periodical advertising, and (4) Show and Sale Advertising.

LOCAL ADVERTISING.

Local advertising may well begin with the roadside billboard. An attractive board fitted with a sash to protect the notices from the weather furnishes a cheap and effective method of gaining the attention of those who pass the farm. Its usefulness is limited, however, since only those who pass the place are reached and usually these same people may be reached by neighborhood news which is quite as effective. The farmer who lives upon an important highway in the vicinity of a large city will find such a bill-board, costing only \$5 to \$10, an excellent publicity servant provided he keeps up-to-date notices upon it of the crops, seed, stock, etc., for sale.

CORRESPONDENCE ADVERTISING.

In the class called correspondence advertisements I place printed letter heads, envelopes, post cards, catalogs and the

like. The post card has only recently come to be appreciated as an advertising medium. A nicely printed statement of goods for sale on a post card costs but a few dollars and if mailed to a selected list of names of farmers is sure to bring results.

A member of the Experiment Association recently issued a post card at a cost of \$6.50 for 500 cards (See figure 1). Most of these were mailed to a selected list of farmers in the county with the result that within less than six weeks he had sold over \$800 worth of live stock and seeds.

In another instance a similar card sold over \$300 worth of produce besides giving him a great deal of publicity which adds to his reputation and will result in sales in future years. The cards from this man are now expected by his customers and his standing in the community has been improved to a remarkable extent.

An attractive advertisement upon an envelope or letter head is a matter of great importance and should not be overlooked by any farmer, since it costs so little. A good illustration that actually illustrates, showing a view of the farm or of a selected specimen of live stock or grain, is valuable. A poor illustration is worse than none and should be carefully avoided.

A letter head should be exclusive, showing stock which reflects a high standard in farming. Do not use too much printers' ink and confine your statements to facts which will be of interest to your purchaser. The matter of letter heads is a subject worthy of an entire article and I must not here dwell upon it other than to urge high standards, since the letter head is your personal representative which goes to the customer. He will size you up by your letter head the same as he will measure you by your personal appearance, should you meet him face to face.

What has been said of letter heads may be applied to catalogs. The main thing is quality and accuracy, incorporating only such facts as are of interest to the deal leaving out superlative adjectives which always arouse doubt in the mind of the prospective customer.

PERIODICAL ADVERTISING.

The field of periodical advertisement is so extensive and as yet has been so little studied that fundamental principles of adver-

SEASON OF 1910

Oak Lodge Stock Farm

—OFFERS—

5 Registered Holstein-Friesian Bulls, born March 16, 23, Oct. 1, 3 and Nov. 6, 1909; also their senior service bull Major Spofford Corona.

5 Registered Heifers, calves and yearlings.

Special—1 Registered Cow five years old, due February 27, price \$125.00.

1 Twelve-year-old Mare, in foal, weight about 1350, also her sucking mare colt.

2 Mare Colts coming two years old.

1 Mare coming four years old, weight 950, thoroughly broken single or double.

30 Cockerels, 50 Pullets, and 50 Hens, S. C. Buff Leghorns.

1 Cock, 1 Cockerel, Buff Plymouth Rocks.

20 bu. fire dried Silver King (Wis. No. 7) Seed Corn at \$3.00 per bu.

200 bu. Oderbrucker Barley at 80c per bu.

500 bu. New Kherson Oats at 75c per bu.

(We threshed 520 bu. from ten acres in 1908; ripe before barley; try these and be the first to thresh in your neighborhood.)

ALL GRAIN THOROUGHLY RECLEANED

SACKS FREE

Compare our prices with seed houses and let us save you 10 to 25 per cent.

Five per cent discount on all grain orders received before March 1st.

HARRY D. DUNBAR,

Route No. 2.
Phone 452-2.

Elkhorn, Wis.

FIGURE 1.

Copy of post card sent out by Harry D. Dunbar which was instrumental in helping him sell over \$800.00 worth of pure bred seeds and live-stock within six weeks.



tising in periodicals are by no means established. The advantage of periodical advertising is that you place yourself before an immense audience. If you had a quantity of a new and improved seed for sale imagine what an opportunity it would give you to have assembled in one room 10,000 farmers who in one way or another are interested in such seed. If you could stand upon a platform and tell those men in two or three sentences what you had for sale, you would doubtless consider it a great opportunity and worth considerable cost. This is just what you do when you place an advertisement in an agricultural paper, which has a circulation which may aggregate 50,000 readers. Not all of these readers are interested in your produce but if it is a matter of general importance, such as improved seed corn, one-tenth or possibly one-twelfth of this list may be interested in what you have to sell.

The merits of large versus small space for advertisements have been pretty thoroughly studied by successful advertisers and the greater value of the large space is generally recognized. For the beginner in advertising, however, who has but a limited amount of capital the small advertisement, frequently inserted, has decided advantages over a large advertisement run for only a few issues. The comparative value of the small so-called "classified advertisement" as contrasted with the ordinary "display" advertisement is also subject to some controversy. Classified advertisements are closely read by prospective purchasers, however, and in most cases such an advertisement will repay the beginner more quickly than a display advertisement, in proportion to the cost.

A small advertisement offers publicity at a minimum rate and such classified advertisements are being closely studied by the readers of our agricultural papers. Of course the farmer or breeder who is in a well established business should use larger space but the beginner should move slowly, using tried methods and encouraging himself with the results which are sure to come from proper advertising.

In selecting a journal in which to advertise one should be particular to see, first, that the publication is read by the class of people you desire to reach, second, that it is read by a sufficient number of them to justify the cost of the advertisement and, third, that the readers, who are your prospective pur-

chasers have the means and are in circumstances which will permit them to purchase your product. They should be located as near to you as possible to reduce transportation charges and to assure sectional adaptability of your product, particularly if it be seed or plants. On the whole the quality of the readers of the publication are of more importance than the quantity.

SALE AND SHOW ADVERTISING.

Advertising by exhibits at fairs and shows is of special importance to the breeder of live stock. Whatever may be said to the contrary a first prize ribbon is worth many times the cash prize that goes with it in the publicity which it gets for the breeder. His appearance at a show or fair commands the attention of other breeders and the public in general. He is also likely to get favorable mention in the press. Many breeders study the premium list and his name is noted there.

The advertising value of exhibiting at shows and competing for prizes even when none of the best prizes are won has not been sufficiently emphasized. Very often the fourth or fifth prize animal will find a ready purchaser while the first prize animal may be held at such a price as to prohibit its sale. There are many buyers who are looking for animals and products which have quality, yet are not in the blue ribbon class. There are many instances, which might be cited, to show where those who have competed for prizes in the big shows and won no place at all have yet received greater returns in advertising than the entire cost of entering the show. It is worth something to be in first class company even though you are not distinguished by a prize ribbon.

ADVERTISING VALUE OF APPEARANCES.

This discussion would be incomplete without reference to the advertising value of appearances. People are attracted by those things that look desirable. They pass by those things that are commonplace and ordinary and are always interested in something which is a little better than the average or appears so at least. It has long been recognized that an animal in finished show shape stands a better chance in the ring than one which may possibly have more real merit, but is un-

kempt, rough and shaggy. It takes just the finishing touch to give an indication of superiority.

Improvement of appearances may well begin at home upon the farm. Well kept buildings, trimmed trees, mowed lawns, painted fences and a hundred other little things will make your place look ship shape. By selecting exhibits carefully, putting in only a few of the best, leaving out the mediocre, you may greatly improve the appearance of your display at a show. It is far better to exhibit but a few selected animals rather than a large number of lower average. The farmer is now beginning to appreciate and to search for quality.

METHODS OF ADVERTISING FOR BEGINNERS.

The following plan might well be followed for a campaign of advertising which any young farmer, a member of this Experiment Association, may conduct in order to establish himself in business.

1. *Begin at home by improving appearances.* Establish standards in your own line, work them out on paper, and live up to them in your farm practice to secure a product with quality. A considerable quantity of saleable products should be available before a campaign is begun. Study the means of distribution and be prepared to make prompt shipments in neat, safe packages.

2. *Be prepared to spend some time in correspondence* and in interviewing prospective customers. You may some times be obliged to force a sale but usually it is well to give the requested information accurately and completely, and then await results, following up a little later with other information.

3. *Beginning with your local billboard,* your letter heads and business cards, a campaign of local advertising will help. In some cases local standards are not such as will give you profitable returns and you must first secure patronage at a distance before your neighbors will recognize the excellence of your products. Begin with a small advertisement in your leading agricultural paper, changing the copy frequently, offering specific things for sale and emphasize the quality so far as you have it.

4. *Be prepared to follow up your advertising* in various ways with carefully prepared replies to all inquiries. The adver-

tisements in the periodicals simply attract your customer. You must make the sale through your correspondence or by visitation. Take time to do these things *right* as it is as much a part of your business as tilling your fields or caring for your stock.

5. "*Keep everlastingly at it,*" is the trite phrase which is now so often used by advertisers. Plan your campaign conservatively so that you may keep yourself continually before the people. Arrange your farm production so that you have a sufficient quantity of saleable products to attract continuous sales. I have yet to see a well conducted advertising campaign fail, since farmers are the most susceptible to good advertising of any class of people. It may well be said that there are three rules, which the advertiser must keep constantly in mind—first *quality*, second, QUALITY, and third, QUALITY.

THE FUTURE OF AGRICULTURE.

OLIVER E. BAKER, MADISON, WIS.

The greatest problem in the world today is that of food supply. The increase in the population of the White or Caucasian race has been greater during the past century than in all the centuries since Adam first cultivated the garden eastward in Eden. Adam was a horticulturist, Abel was a shepherd. Cain was an agriculturist, while Cincinnatus left his plow to become the dictator of Rome. Up till within the last one hundred years fully 90 per cent of the people of the world were farmers.

Then came the development of science, then came the invention of machinery, then followed the tremendous industrial revolution, which according to Gladstone doubled the wealth of the world within the first half of the Nineteenth Century, and doubled it again in the next twenty-five years from 1850 to 1875, and the rate has been kept up since. The factories caused the formation of cities, and the cities grew at such a rate that whereas only 3 per cent of the three million people lived in cities when our first census was taken in 1790, nearly

50 per cent of our 90,000,000 population live in cities today, and in some of the eastern states the proportion is much greater three-quarters of the people of the great state of New York, for instance, live in cities, and nine-tenths of the people of Rhode Island.

Yet we witness today a boycott of "beef barons," a tremendous agitation among the people of the nation, especially the city dwellers, about high prices of food products, and a blind effort to find the cause which no one seems to see. Some accuse the meat packers, some the commission merchants, some the middlemen, or retailers, and some the farmers, or producers. But none of these parties are to blame for high prices, except in occasional instances. It is simply the working of the law of supply and demand. The cities have grown far faster than the country districts, there are more mouths to feed and less men to feed them, in other words, the demand exceeds the supply.

This nation of ours is now passing through what is probably the most momentous change in its history. Most of the men in this audience have, I trust, studied some history, especially the history of the United States. You have read, doubtless, in your histories that the Puritan fathers who founded this nation came over to escape from religious persecution. Instead, they came not so much to escape religious persecution as to secure free land, and the independence and comforts of life which accompany it. The Enclosure Acts in England had taken away their land from them and given it to the nobility, and they cherished that freedom which comes only from the ownership of land.

You are told that the American colonies revolted from England, because of the Stamp Tax, or because their rights under the Magna Charta were violated, or because of some other reason. The real reason was because George III issued a proclamation that the "hinterland" to the west of the Allegheny mountains should be closed to further settlement. The colonists had fought for this land and conquered it from the French and the Indians, and they did not propose to give it up to the English King.

You have been told that the Civil War was caused by negro slavery, or else by the states rights doctrine; but Von Holst

was right when he said the chief cause was the growth of the west under the Homestead laws overpowering the political ascendancy of the South, Free land has been the keynote to every political movement in America. It was not the Declaration of Independence but free land that was the basis of our democracy. If a young man was ambitious he could go west and secure a farm from the government. As the phrase went, "Uncle Sam has enough land to give us each a farm." Hence, the west has always been more democratic, independent and free than the east. Men crushed by competition or discontented, went west. The west, in other words, was the escape valve for the nation.

Now, young men, the West is no more; the free land is about gone; and as a result we have this tremendous social and political discontent of the past five years. The tide of migration has turned back upon itself and into the cities, and the energy which formerly went into conquering the land is now spent in forming a labor union or a trust.

This unfortunate but inevitable exhaustion of free government land is not, however, without its bright side. What was cheaply got was lightly cherished. When more land was to be had for nothing men did not pay much attention to keeping up the fertility of the land they had. So our system of farming in this country in the past was not agriculture, but robbery of the virgin fertility of the soil. However, now, when nearly all the land is taken, the system of farming must change, is changing, and is becoming both conservative and intensive. And so I say that the most profound change in the history of this nation is in progress at present.

But what is the practical meaning of all this? Simply this—that the man who buys land now for \$100 an acre will within 20 years find it to be worth \$300 an acre. I recall many farms now selling for \$100 to \$150 an acre that could have been bought 10 years ago for \$50. During President Roosevelt's administration the farm lands of the United States increased in value 32 per cent. The cities will continue to grow—they must be fed, they must be clothed, and all the raw materials for their enormous factories to make into finished goods must come from the land. Why has the cost of living doubled in the past 10 years? Simply because there have not been enough people in

the country to feed and clothe the people in the city, and in addition because through this system of soil robbery we have been progressively decreasing the fertility of our lands. But the crisis is past and the trend is upward in soil management at present.

However, the price of food products has not reached the top notch yet. J. J. Hill, who probably knows as much about it as any other man, declares that within 10 years the United States will no longer export wheat, but instead import it. And when that time comes "Dollar Wheat" will not seem dear, but cheap. The price of farm products will undoubtedly continue to go up rather than down.

A marked decrease in exportations of practically all food stuffs occurred the present year, according to the Bureau of Statistics of the Department of Agriculture. The value of all food stuffs, including food animals, exported during the fiscal years of 1909, was \$438,000,000, against \$621,000,000 the preceding year. The value of corn exports in 1909 was \$25,000,000 against \$34,000,000 the preceding year; of wheat \$68,000,000 against \$100,000,000; flour \$51,000,000 against \$64,000,000; cattle, \$18,000,000 against \$29,000,000. The figures show that exports of wheat and corn crops were materially less since 1903 than at any time during the twenty years preceding.

Now, there are five reasons why I advise any young man who has inclinations at all in that direction to become a farmer. Not only is land bound to double and treble in price in this country within a few years, and not only is the price of farm products certain to be maintained and probably increased, but land is also a safe investment. It cannot be stolen, except from the government; it cannot be burned up; it is always salable; and has a real substantial value since people must always eat, and wear clothes. Too much of our wealth today consists of watered industrial stocks.

I have now given three economic reasons for becoming a farmer—let me mention a fourth, political. The farmer has in the immediate past been largely unorganized and unrepresented in our legislative chambers. But today he is beginning to organize in a portentous manner. In the past he has been engaged and his attention fully occupied in a contest with nature, in conquering the land from forest, and in subduing the

soil. He has been engaged in settling the land; he is now engaged in settling down on the land, in making a home, in securing the benefits and comforts of civilization, and in asserting his political rights and his economic independence. The pioneer age is past, the political age is present.

Remember that land is fundamental; it lies at the foundation of every occupation, of every industry, of every trade. In other words, the farmer has the "grip hand," and when he awakens to the value of organization his power will be colossal.

The farmer is the future aristocrat of the nation. He has been such in Europe for centuries,—all titles of nobility in Europe are based on land. He will soon be such in America, owing to the exhaustion of the free public land. God grant, though, that instead of having a titled aristocracy of land owners above with a peasant class beneath, the American farmer may develop that true aristocracy of character and equality which characterizes the highest type of Democracy.

And, finally, as a fifth argument for you to consider, I would call your attention to the healthfulness of farming as a profession. Now I know that the death rate in rural districts is about as large as in the cities, and that anemia, nervousness, insanity, and such infectious diseases as typhoid are particularly prevalent. But I have been in many farmer's houses, where owing to the fear of the "poisonous night air" the windows were kept closed all the time. And I have seen water wells lined with loose stones, with manure piles and often cess-pools immediately adjoining. The wonder is not that the people were ever ill, but that they lived at all.

Not only is agriculture today a call to opportunity, but it is a call to duty. The farmers of our country, who constitute one-half of its population, need instruction, not alone in improved methods of crop production and soil management, but they need even more guidance and aid in the formation of cooperative organizations for buying and selling to put them on a level with the organized interests with which they do business. They need, too, a new kind of school, one which fits their children for country life rather than for city life. They need better means of communication, good roads, telephones, a parcel post, etc. And finally they need above all a more sanitary, wholesome, and social life.

Our wonderful ex-president, the far-sighted Roosevelt, has said, "I warn my countrymen that the recent great progress made in our city life is not a full measure of our civilization; for our civilization rests at bottom on the wholesomeness, the attractiveness, and the completeness, as well as the prosperity, of life in the country. The men and women on the farms stand for what is fundamentally best and most needed in our American life. Upon the development of country life rests ultimately our ability, by methods of farming requiring the highest intelligence, to continue to feed and clothe the hungry nations; to supply the city with fresh blood, clean bodies, and clear brains that can endure the terrific strain of modern life." I remember hearing the great preacher, Rev. Dr. Hillis, of Brooklyn, make the statement once that a census of the prominent business, professional, and railroad men of New York City disclosed the fact that, as I recall, 84 per cent of them had come to the city from western farms.

I wish I had time today to take up with you the question of the nervous instability caused by our modern city life in its influence upon the future of the race. Suffice it to say now, that some eminent medical authorities believe that if our present noisy, nerve-racking, rushing city life continues we will become a nation of lunatics within three generations.

Over 100 years ago the "Father of our Country," George Washington, declared that "Agriculture is the most noble, the most healthful, and the most useful of all occupations." A little later the great Napoleon said, "Agriculture is the basis of the strength and prosperity of the nation."

Not until many people in the cities get back to this fundamental business of tilling the soil will the prices of food products be lower, while land will never be cheaper, except in cases where it has been abused. Not until then will our democracy be secure, our country freed from the tyranny of trusts, and our people be healthy and happy and strong. For as James J. Hill has well said,—“Land without population is a wilderness, and population without land is a mob.”

SOUTHERN AGRICULTURE.

J. J. TSCHUDY, PASO DEL RIO, COLIMA, MEXICO.

This subject is a broad one, especially as this is the tropics and being located as it is gives this subject a different aspect than it would if located in the temperate zone.

First as to our climate, a frost is unknown, being only 100 feet above sea level. In six years the thermometer has never registered below 55° F. and from there to 100° F. The range is therefore not great, but for eight months of the year the thermometer generally ranges from 80° to 100°, and mostly 90° to 100°, many nights at a time not registering below 86°.

Second, the rainy season generally begins about July 1st and continues until about the middle of October and in that time about twenty-four inches of rain fall and invariably during this time there is a drought of about thirty days just about the time corn is in the silk, thereby causing a great shortage in the wet season crop.

From this brief description it will be seen that with such conditions prevailing, weeds will grow to perfection, and *that* they surely do. No place do weeds flourish more than in the tropics, which makes agriculture one of the hardest propositions ever tackled.

Third, the variety of crops, fruits, vegetables, etc., is so varied that it is difficult to get the best out of the land here at the present time because ranches are so exceedingly large that it is difficult to get help that is really interested in what they are doing.

The crops that flourish here are corn, rice, sugar cane, the sorghums, Kafir corn, Milo maize, beans, cotton, pamphins, water melons, pine apples, oranges, lemons, citron, cocoanuts, coquitos, vanilla, zapote melon, coffee, chicle rubber. All the vegetables that grow and para grass, Johnson grass, genea or guinea grass and a multitude of others which are all made use of.

On this account and the warm climate help is hard to get and what one does get is incompetent and lazy. On account of there being such a variety of crops the only thing considered in this paper will be the growing of corn both as a crop for wet seasons and for the dry, which will take more time

than it should. In enumerating crops will say that cattle, horses, mules, hogs and goats thrive and should have been mentioned.

The growing of corn will first need the ground prepared, which here means an enormous amount of work, the main reason being that where corn was planted last year it will first have to be cleared of all sprouts that have grown on the stumps of newly cleared land and if left for pasture even stumped land in two years time will have sprouts from six to twelve feet high that cannot be handled any other way than by first cutting and burning. Think of having to do anything of that kind on cleared land in Wisconsin before getting ready to plant corn! After that is once done, the ground is ready to be plowed if it is old ground, which is practically always done with open and old wooden plows with an iron point. The oxen are hitched to the plow with long raw hide straps tied by their horns to the yoke, just as was done in Egypt 2000 years ago.

The ground is plowed and cross plowed and then furrowed with the same plow in rows about three feet six inches apart with boys or men following, planting five or six grains to the hill about two feet to two feet six inches apart making as a rule a great deal of fodder and a small ear.

On such land the corn is generally plowed once with the same plow and after it is twelve to sixteen inches high is hilled by fastening a short piece of wood to the same plow which shoves the soil to both sides and if very weedy will then either have the weeds cut with a machette or with a tarequa, the former being something like our straight corn knife, the latter a flat hoe with a long handle, which is shoved ahead of the operator.

If the land has just been newly cleared and the first crop is to be put in, burning is delayed until just before the rains begin. Then after a good rain or two planting is started by making a small hole with the tarequa and planted as we in the States would do with a hoe. Some of this first crop of corn on new land never has a hoe put into it the first season because, as a rule, the land is free of weeds; but should it be weedy one hoeing and one cutting of the weeds with the machettes is all the attention it receives.

Many corn growers will, after corn is cleaned, plant cotton between the rows and clean it once more, thereby being able to harvest a crop of cotton about two months after corn picking in the dry season when the weather conditions are ideal for this kind of work. The weevil, however, is so bad that this practice is discouraging.

The dry season or irrigation crop is handled in the same manner, so far as preparing the land and planting is concerned, with the difference of first wetting the land well before plowing, by flooding.

In this crop, is planted between the rows a row of beans, and some planters prefer to plant a little wider apart and put between two rows of beans. This practice without a doubt helps to keep the soil supplied with nitrogen and is a factor which accounts for the good yields on some lands that are continually cropped. It is nothing unusual to see new land grow two crops of corn or corn and beans for two to four years in succession and if there is not some stipulation in contracts made, the native will invariably take two crops. One can readily see what that will do for the soil. Fertilizing is not thought of in most parts as yet.

In place of cleaning an irrigation crop with oxen and plows, it is all done with the taraqua on account of the beans not permitting it. In order to irrigate, the land is laid off in small plots by ridging off in squares with about a six inch border of earth. These squares are made of different sizes according to the lay of the land.

One cleaning is all that irrigation corn gets, but it being all done by hand is naturally slow work. It is irrigated from three to six times as a rule, according to the nature of the soil. A loose sandy or gravelly soil taking considerable more water than those of a clayey or gumbo nature.

The weeds do not grow nearly as fast during the dry season as in the wet season on account of the lower temperatures. Planting usually begins about January 15 and continues until March 1st, when our climate compares favorably with June weather in Wisconsin, that is, warm June weather. But the ground is always warm here, it never having a chance to cool off. Then in April and May weather begins to get hot and corn begins to mature and generally in the latter part of

May and June the corn is harvested. The beans as a rule are harvested in April.

Wet seasons corn, if good, yields generally twenty-five to thirty bushels per acre, while irrigation corn taken care of by a man who understands his business will go 50 bushels or better.

The method of harvesting would make all of our Wisconsin farmers smile and say "none of that for mine!" A large basket that will hold about $1\frac{1}{2}$ bushels is strapped to a man's back and he goes between two rows throwing his picked corn over his shoulder into the basket and carries it when full to the end of the row where it is put in sacks and packed by mule, horse or burrow to the store house.

Shelling is even more peculiar and is a back breaker. A lot of bamboo poles, about 8 feet long and $\frac{3}{4}$ inch in diameter, are tied together until there is enough to make a mat 3 feet square which is put on a scaffold, say 6 feet high with about 2 feet of border around it, this is filled with corn and then two or four men take clubs with a big knot on the end of it and begin to pound for all they are worth, the corn falling in a pile below. It is then put into sacks which hold about 156 lbs. ready for the market.

CO-OPERATION OF MEMBERS OF THE EXPERIMENT
ASSOCIATION WITH STATE BOARD OF
AGRICULTURE.

J. M. TRUE, SECRETARY, MADISON, WIS.

The success of any great enterprise depends largely upon the co-operation, in effort, of those interested.

The advancement of agricultural interests, both political and financial, have been hindered by a failure of farmers to recognize, and, as a body, support certain principles and measures that would have resulted to their advantage.

This spirit of distrust and jealousy that in the past has stood in the way of cooperation of agricultural interests, is rapidly

giving way through the influence of education and intelligence among farmers.

The Wisconsin Agricultural Experiment Association, in the ninth year of its existence, has come to be one of the strongest influences for good among the agricultural forces of the State. Intelligent and practical in its work, it not only profits its membership, but is constantly disseminating advanced ideas among all those with whom its members come in contact.

That the membership of the Association is being constantly added to from our brightest and best young farmers, gives us an idea of what its strength and influence is to be in the future of our agriculture.

The Wisconsin State Board of Agriculture is in hearty sympathy with you and your work. It is working, largely along different lines from yours, for the building up of the same interests you foster, and will gladly cooperate with you in the general advancement of Wisconsin's agricultural success.

Especially in the State Fair work will it be pleased to act in cooperation with this Association. It will be pleased to receive suggestions relative to premiums to be offered and exhibits to be encouraged, and hopes to secure from your membership, in return, an extensive and active interest as exhibitors.

Let the Experiment Association and the Board of Agriculture be the best of friends.

FARM MANAGEMENT.

R. H. POSTON, SUPT. JEAN-DULUTH STOCK FARM, DULUTH, MINN.

Just how to best manage a farm with all its perplexities has been a great puzzle to man in all the walks of life. The lawyer, the doctor, the merchant, and even the politician has tried to till mother earth. In fact, men of all nationalities and pursuits in life, have had a hand at the soil. While we so often hear the remark from a certain class of people, O he is only a hay seed or an old buckwheater! Yet we find this is true, that there are few people in this world, when you get to

the bottom of their hearts, but what have a liking for agriculture in some form or another. And we are glad to know this, and they ought to, for the farm is at the bottom of every industry. Every living thing upon the earth must get its living from Mother earth, either directly or indirectly, and we believe the world feels the need of the soil tiller today more than ever before. We are told that only 7 per cent of the business men in the commercial world make a success, and we believe that less than 7 per cent make a success as farmers. We are not going to give all the men credit for making a success who have simply lived and died on a farm with no regard to the condition of the soil when he leaves it. The man who buys a farm or takes one from Uncle Sam and spends his life on it, raises his family and gives them only a common school education and passes beyond, leaving a depleted soil for the next generation to either build up or move away, leaving it barren and fruitless, has not by any means made a success. Such work is a failure and should not exist on a large per cent of our farms as it does at the present time. In spite of all the good work our agricultural colleges are doing, and the great interest that is manifested in farming, we are told that farming as an industry is still losing ground. What I mean by this, is, that there is less raised per acre on the farms of this country today than there was ten years ago. This is why Secretary Wilson said that farming in the United States was on the decline. No wonder that the great prophet, J. J. Hill, said that the production of the farm was not keeping up with the increase in population, and that our country, the United States, was soon to face an agricultural panic in the way of food supply. The great cry of our country is today, *more and better* farmers. Our nation today is a people of land grabbers and soil robbers, trying to farm too much land and just half doing it. There should be more intense farming and there *will* be in the near future, as conditions will force men to the small farm. And it is going to take more brains to farm from now on than ever before. But I think you will all agree with me when I say, that a small farm is much more easily managed and more profitable than a large one. On a large farm there are many more leaks than on a small one. If you have a rainy day, and your men are hired by the month, you are not able to find

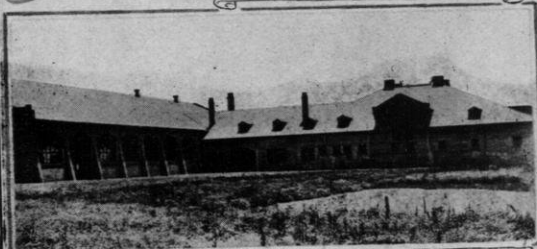
work in the dry for a dozen or fifteen men, where you could on a small farm for two or three. When you have so many men employed your chances are, that you have more poor workers, men that will shirk when your back is turned, while on the small farm you are able to get a few good earnest workers, or at least, you have them more closely watched. You can plan your work to much better advantage for a small crew than for a large one. I don't think there is a place where men are employed that it is as hard to get a good day's work out of a man, if he chooses to shirk, as on the farm. It is so much different from a factory or a mill, where they are put behind a machine and there is just so much to do, and do it or quit, and you can easily tell just how much is being done. If a man is driving a team around a saw mill, he is on the ground with his team ready when the whistle blows at 7 o'clock to go to work. But on the farm he is doing pretty well if he leaves the barns at 7 o'clock, no matter if he has a mile or more to go to reach the plow or binder. And the farm has to stand this. If it rains a little, he pulls into the barn; if at the mill, he puts on a rain coat and forgets that it is raining. All these things the farm manager has to contend with.

It is in the early development of the farm where the management should begin and then is the time when you can shape the destinies of a model farm. Plan to have your buildings as near the center of your work as possible. This will reduce the cost of hauling your crops to the barn, also save time going to work, which will make a big showing in the course of a year. These are very important matters in the saving of labor, and they are the very things that most farmers never think of. When once you make a mistake in this, it forever after remains the same while the buildings last. Then in drawing out the manure, you can reduce the cost very much, depending on where your barn is located; also such work as filling your silo. If a man is going to move anything by rail he begins to figure on the distance. Why? Because he knows that it means dollars and cents to him. So it does on the farm, depending on the distance you move your crops.

Now, as to the time and way that you should put in your crops. There is no iron clad rule which you can be guided by, as there is so much difference in the soil and climatic conditions.



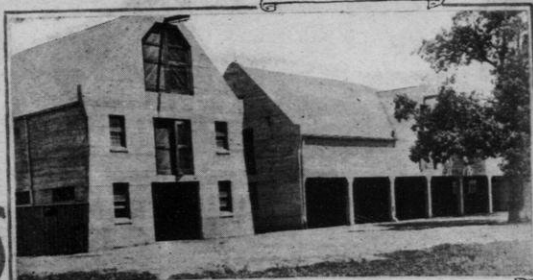
PRIVATE RESIDENCE



TRAINING STABLE AND EXERCISING PADDOCK



DAIRY BARN



WORK HORSE STABLE AND WAGON SHED

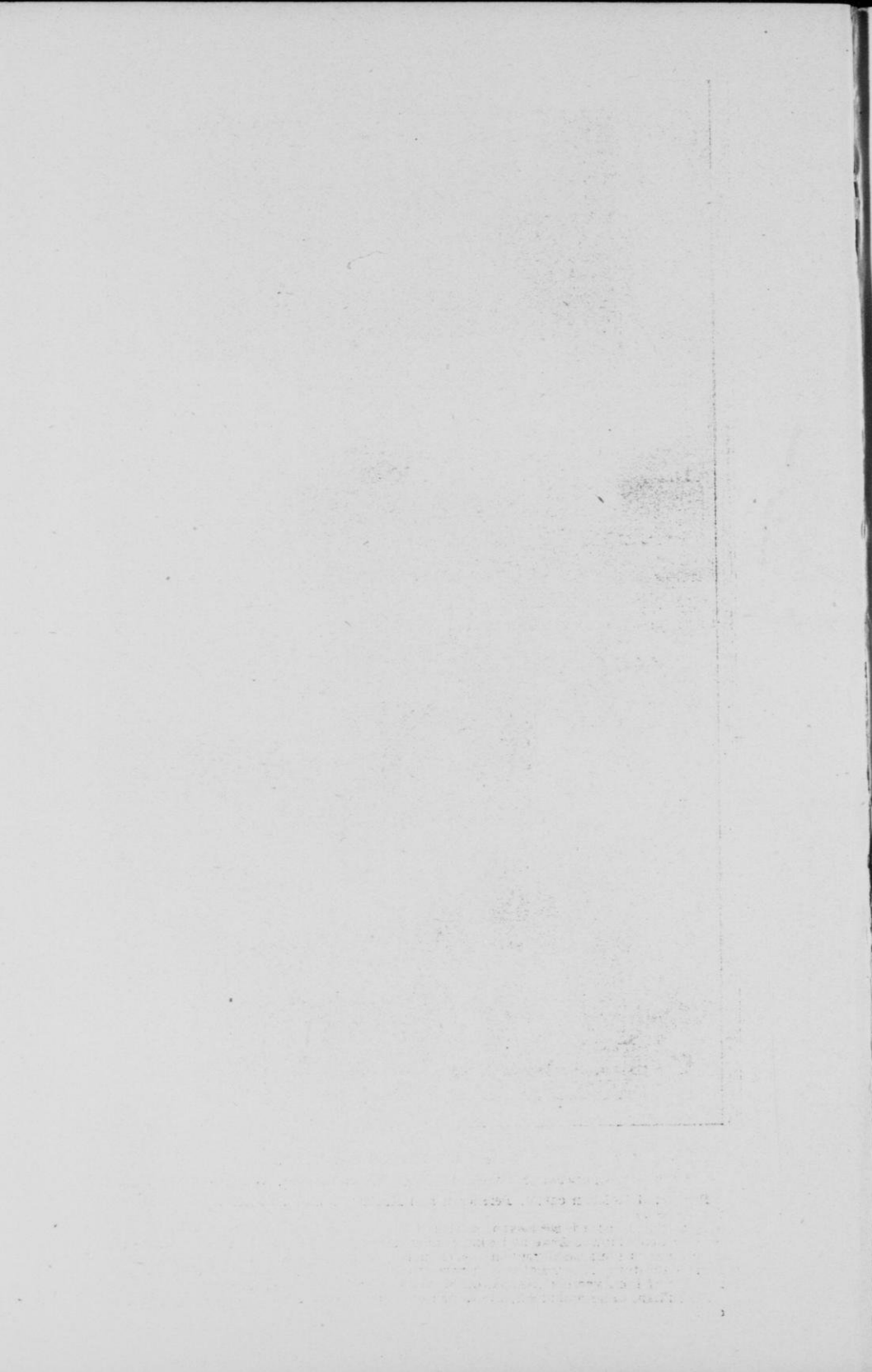
PABST STOCK FARM.

Owned and operated by Fred Pabst, Oconomowoc, Waukesha County.

Registered Holstein cattle, Percheron and Hackney horses and Berkshire hogs are the farm specialties.

This beautiful farm is pleasantly located $3\frac{1}{2}$ miles southeast of the city of Oconomowoc on Oconomowoc Lake and comprises over one thousand acres of fine farming land. Live stock is the specialty upon the farm but pure bred seed grains will receive attention in the future. Mr. Pabst is a former student of the College of Agriculture and a member of the Experiment Association in which he takes a deep interest.

All buildings, large and small, are of cement construction and are fire proof throughout.



I will only say this, make a thorough study of your soil and weather conditions, and then use your best judgment. Also study the different crops that are best adapted to your own farm. With this one thing always in view, keep your soil built up. Every man who operates a farm should feel and know that at the end of each year his land is richer and in better condition than it was the preceding year. To accomplish all of this, it requires a great deal of thought and study on the part of the manager. But it can be done and is being done every year. The barn yard manure should be preserved with great care, just as much so as the crop that you grow. A great many farmers are particular about saving every spear of grain and hay but seldom ever give the manure pile a thought, until time to haul it on the land, then, perhaps, a large part of its value has leached away. Millions of dollars worth of fertility washes away every year. This is a practice that should by all means be stopped. The farmers all say that it costs too much to cover the barn yard,—can't afford it.

I will give you a little plan of a barn which provides a safe place for the manure with but very little extra expense and is convenient and little work to handle the droppings. This plan might help those out most who are contemplating on building a new barn in the near future. Build a basement with a good high ceiling so you can drive in with your manure spreader or wagon. Now don't think of putting your horses or cows in there. Let your young stock and hogs occupy the basement. Put your cows and horses on the upper floor, arrange your gutter so that the droppings can be put down through the floor, and if it is where you can haul the manure out on the land in winter time, let it drop into the spreader and you have it ready loaded and where it will not freeze. If you can't apply it directly to the land, let it stay there till spring or fall and it will retain nearly all its value. Use the horse droppings in the cows' gutter if possible so as to soak up the liquid. This saves you the expense of a litter carrier and the barn can be cleaned with half the work that it takes in the ordinary way. Beside you have your stock in a high and dry place, one that is easily ventilated. This plan secures a covered barn yard and reduces the labor of operating it. The farmer must study out ways of accomplishing more with less labor. In operating a large or small

farm, it is best to have your work organized; if a large one where lots of stock is kept, you must organize in order to accomplish much. Every man must know just about how much he is expected to do, and have a certain time to do it in. Everything should move as clock work. If you have men in your cow barn, each man should know how and when to perform his work. You should then insist that he does it, and if it is not done you know whose fault it is. This is the way that all business enterprises are carried on, and it is the only right way. If all men would use the same business methods about their farm management, that they would running any other business, farming would be more pleasant and more profitable. You would get along with your help, and the young men who work on the farm would learn to love the farm more. Make a study of each division of your stock and crops and keep a strict account of the expense and income. After you have given any division of the farm a good trial and it doesn't pay, cut it out or take up something instead that will pay you a profit.

May Progress be your watchword ever leading on to a higher and better life on the farm.

COUNTY ORDERS OF THE EXPERIMENT ASSOCIATION.

For the purpose of closer cooperation between individual members of the Experiment Association it was deemed desirable to organize local county orders. Fond du Lac county was the first to organize and we give herewith the Constitution as it may be helpful and suggestive to members in other counties where no organization as yet exists. The desire is to have the county organizations under similar constitutions.

CONSTITUTION AND BY-LAWS

OF THE

FOND DU LAC COUNTY ORDER OF THE WISCONSIN AGRICULTURAL EXPERIMENT ASSOCIATION.

Article I.—Name. This organization shall be known as the Fond du Lac County Order of the Wisconsin Agricultural Experiment Association.

Article II.—Object. The object of this organization shall be to promote the agricultural interests of the county.

1st. By co-operating with the Wisconsin Agricultural Experiment Association in growing and marketing seed grains.

2nd. By having Association's exhibits at agricultural fairs.

3d. By holding annual meetings in order to report and discuss topics beneficial to the members of the Association.

Article III.—Membership. 1. Any person may become a member of this Association who is eligible to membership in the Wisconsin Agricultural Experiment Association.

2. Honorary membership may be conferred upon any one interested in progressive agriculture by a majority vote at any annual or special meeting.

Article IV.—Dues. A fee of fifty cents shall be collected from each member annually.

Article V.—Officers. The officers of this Association shall consist of a President, Vice-President and Secretary-Treasurer, whose terms of office shall be for one year, or until their successors are elected.

Article VI.—Duties of Officers. 1. It shall be the duty of the President to preside at all meetings of the Association and to enforce the observance of such rules and regulations as will be for the best interest of the organization; to appoint all regular committees as he may deem expedient for the welfare of the Association.

2. In the absence of the President, the Vice-President shall preside and perform the duties of the President.

3. The Secretary-Treasurer shall keep the records of all meetings and proceedings of the Association, also the names of all members and their addresses. He shall also keep the funds

of the Association, collect all fees, pay all debts, and shall submit a written statement of all moneys received and paid out by him and shall balance his books not later than one month before the annual meeting.

Article VII.—Disbursements. The funds of the Association shall be used to defray its expenses or by vote of the Association for such purposes as will advance the agricultural interests of the Association and shall be paid out only upon an order signed by the President and countersigned by the Secretary.

Article VIII.—Amendments. This Constitution may be amended at any meeting by a two-thirds vote of the members of the Association present.

BY-LAWS.

Article I. The officers of this Association shall be elected by ballot at the annual meeting.

Article II. This Association shall be governed by Robert's Rules of Order.

Article III. All members joining at the organization of this Association shall be known as Charter Members.

Article IV. The time and place of holding the annual meeting shall be determined by the officers.

Adopted March 28, 1908.

SECRETARY'S REPORT OF THE FOND DU LAC
COUNTY ORDER OF THE WISCONSIN EX-
PERIMENT ASSOCIATION.

HENRY MICHELS, MALONE.

In making this report of the second year of the existence of the Fond du Lac County Order, I feel that we are just entering upon a career of usefulness, not only to ourselves, but to our fellows in general.

In the cycle of life, the infant first of all must learn to handle and control himself before he can exert any influence tending toward the betterment of mankind. In the infancy

of our order we looked for and received attention and support from our parent organization, the Wisconsin Experiment Association. During our first year, we picked up strength and a few ideas but outside of that we accomplished little, except to point the way for other counties who followed our example and organized subsequently.

At this time (the end of our second year) we are just beginning to walk alone, and, while we have accomplished a few things, our main effort has been to plan for work to be done when we have grown stronger. During our third year, with the new life which we hope to receive when spring returns and, with it, our annual meeting, we shall engage in several lines of work, the accomplishment of which should serve to demonstrate that we serve a purpose.

However, instead of talking much of the future, let us look back into the past year and see what has been done:

1st. By raising the annual membership fee from fifty cents to one dollar, we succeeded in wiping out the deficit which faced us on our first birthday. But this was not the only object in view when the increase was voted. It was thought at the time, and, I believe, results have proven it, that by raising the fee, the membership would come to include only such persons as are in sympathy with the work, and are willing to co-operate in its execution. There are at present 28 paid up members in our order.

2nd. At our meeting in the Court House at Fond du Lac on March 20th a very interesting and instructive program was rendered. Most of the speakers were recognized authorities on the subjects they treated, our own Prof. Moore favoring us with a talk on Agricultural Education and the Benefits of Co-operation.

3rd. In the spring of the year we began an investigation to determine the varieties of corn best suited to our various soils and climates. As far as corn is concerned there are considerable differences in the climatic conditions of various parts of the county, due mainly to the influences of Lake Winnebago which runs half way across the county. In this investigation blanks were sent to the members who filled them out during the season and then returned them to the secretary. I should like, if you please, to read the questions asked on the blanks

in order to give an idea as to the method employed to gain the information sought for.

No attempt will be made to draw any conclusions from the reports secured during the past year, but instead, we will continue the work for several seasons before we have sufficient data to enable us to name the varieties that are best to plant.

Our fourth achievement was to make the regular annual display of grains and forage plants at the County Fair.

5th. We have succeeded in starting a school children's corn growing contest in the county. I will briefly give you as many of the details of this contest as have been definitely decided upon: The County Fair Board has appropriated \$100 to be given as premiums to the winners in the contest. This will be divided as follows:—three prizes will be awarded for the three best ten-ear samples from each township in the county; a sweepstakes prize; a class for single ears, and, one for corn on the stalk.

The county superintendent of schools and the rural school teachers will co-operate in carrying out the contest but the county order in co-operation with the County Superintendent of Schools will furnish the literature and have complete charge of all the details. The College of Agriculture will furnish seed that is acclimated to our county. Our order proposes to prepare literature upon the various phases of corn culture and send it out to contestants at appropriate times during the season. Instructions will be given how, when, and why to test corn, cultivate it, etc.

The 6th and last line of work to be taken up was carried out under the supervision of the Experiment Association. I refer to the farm inspection which will be more fully discussed in a separate paper.

In conclusion, allow me to predict that there is a great future before the County Orders. Suggestions for new lines of work will be presenting themselves rapidly as the membership becomes larger and the orders more firmly established. They can cope with many problems which because of their local nature cannot be effectively dealt with by the Experiment Association. Our corn investigation will serve as an example of such work.

At present we are, perhaps, too loosely organized to make most effective progress and have not yet settled down in our proper

channel of work. Each order has been working too much, independently of the others. What we need is a more uniform system of organization so that when necessary, the energies of all can be combined to attack problems of common interest as a unit.

SECRETARY'S REPORT OF THE DODGE COUNTY
ORDER OF THE WISCONSIN EXPERIMENT
ASSOCIATION.

HENRY E. KRUEGER, BEAVER DAM.

On October 1, 1908, pursuant to a call sent out by Jos. N. Bohl, there was held at the office of the Secretary of the Dodge County Fair Association (being County Fair week) a meeting of members of the Wisconsin Experiment Association.

At that time an organization was perfected known as the Dodge County Order of the Wisconsin Experiment Association. A constitution was adopted and signed by 18 charter members, and the following officers were elected: H. E. Krueger, Beaver Dam, President; Chas. H. Howitt, Randolph, Vice-President, and Jos. N. Bohl, Beaver Dam, Secretary-Treasurer. We added two more members to the list during the year.

It was decided at our first meeting that the Association put up the Dodge County Competitive exhibit at the State Fair in 1909, which was done with much credit to the Association and the county as a whole. It was also considered advisable to put up a non-competitive exhibit at our County Fair. After consulting with our fair officials they were pleased with the idea and gave us as much space as we desired. The same exhibit was returned from the State Fair and put up at our county fair. This was also a credit to our organization. It attracted much attention, and the farmers from our home county had an opportunity to learn more about us and our work throughout the county. They learned that good seed could be purchased right at home at a reasonable price and more reliable than elsewhere.

Our annual meeting was held during the week of the County Fair on September 30, 1909. It was well attended, and the fol-

lowing officers were elected for the ensuing year: Anton Bohl, Jr., Beaver Dam, President; Chas. H. Howitt, Randolph, Vice-President; and Henry E. Krueger, Beaver Dam, Secretary-Treasurer.

Our membership at present only numbers 20, but they are all active hustlers and willing to help one another in every possible way.

At our first meeting a committee was appointed to consult with the secretary of the County Fair and see if we could get the premium list revised so as to have all of our standard varieties of pure bred corn and small grain placed thereon. This was done and he was only too glad to comply with our request. By all members taking an active part, we put up the largest competitive display of corn and small grain seeds ever witnessed in Dodge County.

SECRETARY'S REPORT OF THE MANITOWOC COUNTY ORDER OF THE WISCONSIN EXPERIMENT ASSOCIATION.

O. R. WIEGAND. CLEVELAND.

Mr. President, Fellow Members of the Wisconsin Experiment Association: Little more than one year ago, the 16th day of January, 1909, the Manitowoc County Order of the Wisconsin Experiment Association was organized, with a charter membership of 18. We cannot boast of great things accomplished during our brief existence, but our success lies not in doing great things at once, but in working along steadily, and I feel confident that we can do better from year to year, as we increase in numbers.

In March, 1909, we arranged a meeting in our court house at Manitowoc. We extended invitations to all Short Course and Farmers' Course graduates over the county, to come and bring their neighbors. We had arranged a program with able speakers to discuss topics of interest. The meeting was a success. We increased our membership to 50. At the same time we began to plan arrangements for an exhibit at our County Fair. The

Fair officials were kindly disposed toward our exhibit, but as the fair was held at such a very early date we could not get out such a full exhibit as we had expected, on account of some of the crops not having matured. The members of the order loyally gave their support toward the exhibit and we can hope for greater things in the future.

We are planning arrangements and program for another meeting to be held again in March for which we have the promise of some prominent speakers to be present and discuss topics of interest. At this meeting we expect to discuss the advisability of holding several one day meetings at different dates during the year, and plan a line of work for the coming year.

SECRETARY'S REPORT OF THE MONROE COUNTY
ORDER OF THE WISCONSIN AGRICULTURAL
EXPERIMENT ASSOCIATION.

L. A. MILLER, SPARTA.

April 17, 1909, a meeting of those eligible to membership in the Wisconsin Agricultural Experiment Association was held in the Sparta Fruit Growers Association Bldg., for the purpose of organizing a County Order.

The organization is known as the Monroe County Order of the Wisconsin Experiment Association. The object of this organization is to promote the agricultural interests of the county, (1): By co-operating with the Wisconsin Agricultural Experiment Association in growing and marketing seed grains, (2): By making Association exhibits at the agricultural fairs, (3): By holding annual meetings in order to report and discuss topics beneficial to its members. The constitution was adopted and signed by eight charter members.

Regardless of the fact that we organized late in the spring and our membership being small, we made a very creditable display at our county fair. The exhibit was packed and sent to Milwaukee where it was placed on exhibition at the State Fair and received a place for the premiums awarded.

Our membership has increased to fifteen and in another year

we hope to report a much larger membership roll and to also make a better showing at the agricultural fairs. The Monroe County Order bids fair to be a very important factor in the betterment of agriculture for this community.

SECRETARY'S REPORT OF THE ST. CROIX COUNTY
ORDER OF THE WISCONSIN EXPERIMENT
ASSOCIATION.

WILLIAM SCHWANDT, STANTON.

Mr. President and Fellow Members of the Experiment Association:

On March 13, 1909, at the New Richmond Corn show a meeting was called of all persons eligible to become members of the Wisconsin Agricultural Experiment Association. The purpose of this meeting was to try and organize St. Croix County. Prof. R. A. Moore, our worthy Secretary of the State Association, presided at this meeting, and we organized as the St. Croix County Order of the Wisconsin Agricultural Experiment Association with seventeen charter members, and elected the following officers:

- R. W. Brunner, Hudson, President.
- Aug. Peterson Stanton, Vice-President.
- William Schwandt, Stanton, Secretary.
- W. L. Bennett, Stanton, Treasurer.

Our Constitution and By-Laws are similar to that of the Fond du Lac County Order with the exception of the dues. We collect both State and County dues.

An effort was made to make a display of pure bred grains at our County Fair with the result that we carried away nearly all the pure bred grain prizes. I have no doubt that we were looked up as a bunch of "grafters." I believe, however, that this feeling will disappear just as soon as the farmers understand what the pure bred grains will do for them.

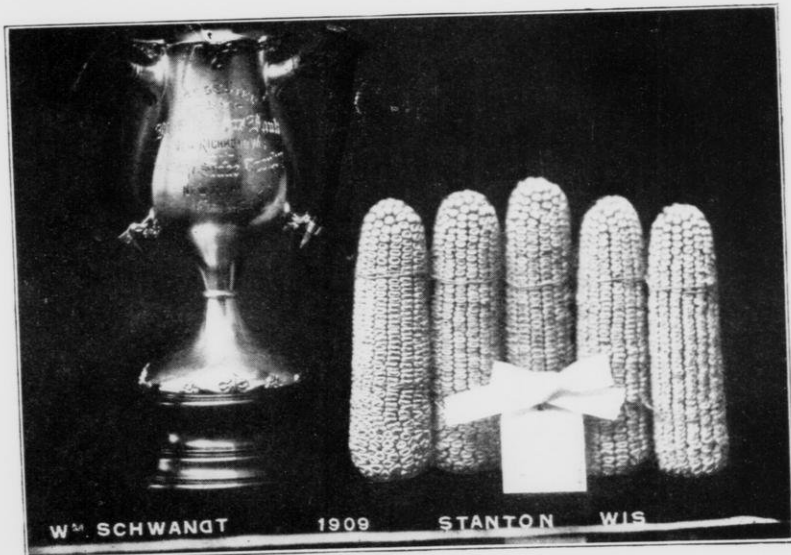
The fair officials feel kindly disposed toward our organization and granted us every privilege that was in their power. Considering the fact that the newspapers of this county did not



PLEASANT VIEW FARM.

William Schwandt, Proprietor, Stanton, St. Croix County.

This farm consists of 160 acres of exceedingly fine land and is owned and operated by our worthy member of the Experiment Association, William Schwandt has been one of our most active members and has been instrumental in the dissemination of pure bred seed grains throughout St. Croix county. Mr. Schwandt is making a specialty of Swedish Select oats, Oderbrucker and Wisconsin Pedigree barleys and the Golden Glow, Silver King and Wisconsin No. 8 seed corn. His seed grains are of the best and command a good price. Mr. Schwandt is secretary of the St. Croix order of the Experiment Association and through his able management it is rapidly coming to the front and wielding a beneficial influence throughout the country.



Silver Trophy and sample of Silver King corn which captured it at the New Richmond corn show, December, 1909.



CEDAR LAWN STOCK AND GRAIN FARM.

Frank Brunner and Sons, Proprietors.

This beautiful farm consists of 360 acres of fine farming land and is run as a stock and pure bred seed farm.

The sons, R. W. and Fred F. Brunner have both taken the Short Course in Agriculture at the Wisconsin college and are active members of the Experiment Association. Through their efforts largely the St. Croix county order of the Experiment Association was formed and R. W. Brunner is now the president. It is the object of the St. Croix order so far as possible, to banish scrub grains from the county and put in their place pure bred grains of the very best quality. Wisconsin Pedigree barley, Oderbrucker barley, Swedish Select and Kherson oats and No. 8, 7 and 12 seed corn are the special seed grains sold. Dairying and the breeding of Duroc Jersey hogs are specialties carried on in connection with the growing of pure bred seed grains.

assist us as much as they should, we have made great progress.

We made some exhibits at the National Corn Exposition at Omaha and were fortunate in securing at least one prize.

At the New Richmond Corn Show we carried away the highest honors by winning the Silver Trophy offered by the Manufacturers' Bank of that city for the best five ears of corn.

Through the efforts of Prof. Moore we were furnished with two sacks of Pedigreed barley. This barley was grown with great success and will be distributed to the members of this county this year.

On January 20, 1910, we held our annual meeting in the Court House at Hudson. It was well attended. A program was arranged and each member gave a talk on an agricultural topic upon which he had had considerable experience.

I find there are quite a number of young men in our County that have attended the Agricultural School at Menomonie. I would suggest that they be allowed to join our order. It would be a benefit to them and also would increase our membership.

SECRETARY'S REPORT OF THE SHEBOYGAN COUNTY ORDER OF THE WISCONSIN EXPERIMENT ASSOCIATION.

O. R. FRAUENHEIM, RANDOM LAKE.

On April 2, 1910, a number of former Short Course boys met at Plymouth and organized the Sheboygan County Order of the Wisconsin Experiment Association. Some of the boys that were to advertise the meeting in the county press, failed to do so, consequently we were handicapped somewhat.

P. V. Becker, Plymouth, was elected president; S. F. Herd-
rich, Adell, Vice-President, and O. R. Frauenheim, Random
Lake, Secretary-Treasurer. Our constitution as adopted, is uni-
form with those of the other County Orders. The object of our
organization, shall be to promote the seed grain, livestock and
general agricultural interests of the county.

Owing to the time of the season, when we organized we
deemed it best to leave the work of pushing the order in the
hands of the officers.

At the County Fair we put up a good display that attracted attention. The County Fair society gladly gave us available space, while their secretary has rendered us valuable aid in many ways. The display at the County Fair has proven a valuable advertisement for us to the farmers of the county.

A number of circular letters were sent out during the year, to those that are eligible as members, but we found this was not a very good way of increasing our membership. A good many do not realize the benefits derived from this co-operation, consequently have to be shown, and it is a rather hard thing to do through circular letters.

At the present time we have twelve members, but feel certain that it will be more than doubled at our first annual meeting which will be held at Plymouth, Feb. 24. We have been able to secure some able speakers for our coming meeting, so feel sure that more will join us in our good work. The following circular was recently sent to all members, in order to put the secretary in touch with those having choice seeds for sale.

REPORT OF MEMBERS TO SECRETARY OF THE SHEBOYGAN COUNTY ORDER.

Write the different varieties of grain, corn, etc., you have for sale in spaces to the right.					
Number of acres grown past season.....					
Average yield per acre.....					
Number of bushels for sale.....					
Price per bushel, bags included.....					
Price per bushel in large lots.....					
Is corn fire dried?.....					
Is corn for sale in the ear?.....					
Was grain tested?.....					
If so, what is the test?.....					

Write remarks below.
 Inquiries are sent to me right through Prof. Moore, therefore I desire to have all members fill out above blank as carefully as possible, so that I will be able to fill all orders and have the members receive all benefits possible from our County Order.
 O. R. Frauenheim, Sec.-Treas.

Name and address.....

I think it a good idea to have all members of the County Order join together and prepare a circular, describing their farms, livestock and seeds they grow and also devote some of the





First Annual Exhibit of Grains and Forage plants, Sheboygan county Order of the Experiment Association, Plymouth, Sheboygan county.



STOCK AND SEED GRAIN FARM OF H. C. CAREY, RED GRANITE,
WAUSHARA COUNTY.

No. 7 Seed Corn Shocked and Ready for the Huskers.

This beautiful farm is owned and operated by H. C. Carey, a member of the Wisconsin Experiment Association. Mr. Carey is making a specialty of Wis. No. 7 seed corn and has been instrumental in introducing this valuable variety of seed corn in his home county.

pages, describing the pure-bred seeds grown in the county. This circular could be gotten out at a small expense to each individual and should be an excellent way of advertising.

I also think that all members having pure-bred seeds for sale should advertise as a body and have all inquiries sent to the secretary who can fill all orders. In this manner much unnecessary correspondence and expense could be avoided.

The best means of advertising, is by having exhibits at our fairs and grain shows. Our County Order will extend its efforts toward putting up displays at a number of fairs the coming year.

ANNUAL MEETINGS OF THE COUNTY ORDERS OF THE EXPERIMENT ASSOCIATION.

Several of the County Orders held annual meetings at which interesting programs were rendered. Herewith will be given the programs as carried out by three different orders.

County Orders organized in the future will find these programs of a helpful nature.

Program First Annual Meeting of the Sheboygan County Order of the Wisconsin Experiment Association.

Meeting held in the City Hall of Plymouth, February 24, 1910.

Thursday, Feb. 24, 9:30 A. M.

President's Annual Address.....P. V. Becker, Plymouth
Report of Secretary.....O. R. Frauenheim, Random Lake

Election of officers and plan of work for coming year.

"Barley".....Hy. Schaefer, Glenbeulah
"Co-operation of the County Order with the County Fair".....
.....Secretary of Fair, Otto Gaffron

Afternoon Session 1:30 P. M.

"Importance of Sowing Good Seeds".....J. O. Parrish, Plymouth
"The County and the Experiment Association".....
.....Prof. R. A. Moore, Madison
"Corn for the County".....O. R. Frauenheim, Random Lake
"Alfalfa".....W. L. Illian, Adell

Third Annual Meeting of the Fond du Lac County Order of the Wisconsin Agricultural Experiment Association.

Court House, Fond du Lac, Wis., Saturday, March 28, 1910.

President's Annual Address.....	J. P. Bonzelet, Eden
Secretary and Treasurer's Report.....	Henry Michels, Malone
Report of Farm Inspector.....	Henry Michels, Malone
Election of officers	
Plans of Work for the Coming Year	
Other Business	
Recess	

Afternoon Session 2:00 P. M.

Outline for the Rural School Children's Corn Growing Contest....	Henry Michels, Malone
The Wisconsin Experiment Association and its Branches.....	Prof. R. A. Moore, Madison
Corn Improvement.....	Albert F. Block, Brandon
Pedigree Barleys, Their Development and Uses.....	Lynn W. Briggs, Peebles
County Agricultural Schools.....	Prof. J. B. Borden, Madison
After Consolidation, What?.....	Prof. W. C. Hewitt, Oshkosh

Program of the Second Annual Meeting of the Manitowoc County Order of the Wisconsin Experiment Association.

Held at the Court House in Manitowoc, Friday, March 25-26, 1910.

10 A. M.

Introductory Remarks.....	Herman Roethel, Chairman
The Cow of Manitowoc County.....	Wm. H. Spencer
Feeding the Dairy Cow..	Roland Kolb, Manager of Insane Asylum Farm
Address....	Prof. R. A. Moore, Secretary State Experiment Association

Afternoon Session 1:30 P. M.

Business Meeting:

President's Address.....	Herman Roethel
Election of Officers.	
Plan of Work for Coming Year, Reports, etc.	
Tuberculosis Test.....	Andrew Salverson
Corn Culture:	
Preparation and Cultivation of the Soil.....	Reinhold Clusen
Cutting and Cribbing.....	Arthur L. Wagner
Silo Construction, Harvesting and Filling.....	Herman Roethel
Discussion led by Prof. R. A. Moore.	
Hogs—Care and Feeding.....	Otto R. Wiegand
Discussion led by Herman Roethel.	

Evening Session at the South Side High School.

8 P. M.

Music—Violin Duet.....	Ervin Welk, Edgar Meister
Address.....	W. E. Larson, Rural School Inspector
Horses—Stereoptican Demonstration.....	Dr. A. S. Alexander, Veterinarian, College of Agriculture

Saturday, 9 A. M.

What Our County Agricultural Schools are Doing.....
Prof. J. F. Wojta, Menominee Agricultural School
 Soils and Their Fertility.....F. H. Scribner, Rosendale
 Alfalfa.....A. H. Bauer
 Discussion led by Prof. J. F. Wojta.
 Reports from local alfalfa growers.
 The Products of the Dairy Cow.....F. H. Scribner, Rosendale

BUSINESS MEETING.

Business meeting of the Wisconsin Agricultural Experiment Association, Friday, February 4, 1910, 2 P. M., Auditorium.

Called to order by the President, C. P. Norgord. The minutes of the last meeting were read and adopted, after which the following officers were elected:

- PresidentC. P. Norgord, Madison.
- Vice-PresidentA. G. Austin, Janesville.
- Secretary R. A. Moore, Madison.
- TreasurerH. N. Longley, Dousman.

On motion of the Secretary, Messrs. Jas. B. Cheesman, Racine, and Delbert Utter, Lake Beulah, were made honorary members of the Experiment Association.

On motion, the Secretary was unanimously given \$150.00 and thanks for his past year's services.

A few complaints having reached the management during the year regarding the exhibition of grains and awarding of premiums, it was deemed advisable by the Association to have a committee appointed to handle such cases.

On motion the chair appointed A. L. Stone, C. I. Brigham and W. H. Hanchett to act as a committee on appeals.

The selection of a representative to attend to matters relating to the National Corn Association was taken up and on vote, R. A. Moore was unanimously elected.

TREASURER'S REPORT.

H. N. Longley, Treasurer of the Association, made the following report, which was duly adopted.

Report as rendered by Treasurer, February 4, 1910.

Receipts.

1909.		
Feb. 11	Balance in treasury.....	\$2 61
Feb. 26	Membership fees	292 00
Mar. 25	Membership fees	52 09
Apr. 22	Membership fees	68 61
Apr. 22	Membership fees in stamps, retained at general office	25 00
Apr. 22	Membership fees	21 59
June 6	Membership fees	40 00
July 7	Money taken in at auction sale.....	206 25
Dec. 30	Membership fees in stamps retained at office.....	9 50
1910		
Jan. 6	Membership fee (J. Boudnik).....	50
Jan. 19	Membership fees	105 00
Jan. 19	Membership fees	50 00
Jan. 23	Membership fees	120 00
Jan. 25	Membership fees (J. Bille).....	1 00
Total receipts		\$994 06

Disbursements.

1909		
Mar. 1	St. Louis Button Co., for badges.....	\$52 00
Mar. 1	C. P. Norgord for labor as auctioneer at annual meeting	10 00
Mar. 1	R. A. Moore, for past services for the association....	150 00
Mar. 21	H. L. Emmert, 10 bu. No. 7 seed corn.....	30 00
Apr. 22	Idalyn Bibbs, for office expenses.....	25 00
Apr. 22	John Puls, 60 bu. Oderbrucker barley.....	57 00
Apr. 22	Swift & Co., for fertilizers for experiment purposes..	43 83
Apr. 17	J. P. Bonzelet for oats.....	3 50
Apr. 17	H. L. Owens, for No. 8 seed corn.....	7 50
Mar. 11	K. L. Hatch for expenses of attending annual meeting	7 20
Apr. 8	Office expenses to date.....	68 61
Apr. 7	Stamps retained at office.....	25 00
Apr. 23	V. V. Moore for seed corn.....	30 00
May 11	L. L. Olds for No. 8 seed corn.....	17 25
Aug. 18	Idalyn Bibbs, office expenses.....	25 00
Aug. 30	J. A. Buckmaster, silver trophy.....	32 00
Oct. 29	R. A. Moore, traveling expenses.....	10 69
Nov. 6	To clerk for Omaha expenses.....	15 00
Dec. 8	To clerk for office expenses.....	15 00
Dec. 30	Stamps retained at office.....	9 50
1910		
Jan. 19	M. C. Lilley & Co., for badges.....	50 00
Total disbursements		\$684 03

Receipts	\$994 06
Disbursements	<u>684 08</u>
Balance	\$309 98

Respectfully submitted.

H. N. LONGLEY,

Treasurer.

SECRETARY'S REPORT ON STATE APPROPRIATION.

R. A. Moore, Secretary of the Association, makes the following report:

Receipts.

Money in the state treasury, February 10, 1909, date of making last report.....	\$688 40
State appropriation for 1909.....	2,000 00
Credit from Milwaukee Bag Co.....	<u>14 33</u>
	\$2,702 73

Disbursements.

1909		
Feb. 17	W. P. Bussey, Omro, expenses at annual meeting...	\$12 47
Feb. 19	Cantwell Printing Co., 2000 programs.....	29 75
Feb. 19	University Co-op Co., 2 books.....	3 75
Feb. 26	Prof. G. I. Christie, Lafayette, Indiana, exp. and services at the 8th annual meeting.....	37 40
Feb. 26	Miss Emma Conley, Wausau, exp. at meeting.....	11 68
Feb. 27	Miss Bibbs, clerical services, February.....	15 00
Mar. 2	A. L. Wagner, 6½ bu. Golden Glow corn.....	13 00
Mar. 9	G. A. Freeman, Sparta, exp. for labor.....	5 02
Mar. 9	Democrat Printing Co., 1200 tags, perforated.....	2 25
Mar. 9	H. N. Longley, Dousman, exp. attending meeting....	6 66
Mar. 9	Cantwell Printing Co., premium badges.....	6 75
Mar. 10	Milwaukee Bag Co., 300 jute bags.....	23 33
Mar. 23	Miss Bibbs, services, March.....	15 00
Mar. 26	R. A. Moore, trav. exp., county orders.....	12 93
Mar. 26	E. D. Funk, Shirley, Ill., exp. attending meeting....	21 66
Mar. 29	C. H. Howitt, Randolph, 5 bus. No. 8 corn.....	11 25
Mar. 29	V. V. Moore, Baraboo, 15 bus. No. 7 corn.....	37 50
Apr. 7	Hilbert Sorenson, Marinette, 5 bus. No. 8 corn.....	15 00
Apr. 8	Milwaukee Bag Co., Milwaukee, 300 seed bags.....	14 33
May 25	Miss Bibbs, services, April.....	15 00
Sept. 9	New York Store, cambric.....	15 06
Mar. 10	Premiums awarded at the 7th annual meeting.....	356 00
July 1	Miss Bibbs, services, May and June.....	30 00
July 19	H. W. Meekin, 55 lbs. alfalfa seed.....	9 15
July 21	Cantwell Printing Co., cards, and letterheads.....	25 50

July 24	Miss Bibbs, services, July.....	20 00
Aug. 4	Parsons Printing Co., orders, envelopes, ink, etc....	20 70
Aug. 24	Miss Bibbs, clerical services, August.....	20 00
Aug. 24	H. A. Main, Ft. Atkinson, traveling exp. Milwaukee fair	5 25
Sept. 27	J. M. Napier, trav. exp. exhibit at State Fair.....	10 60
Sept. 27	A. L. Stone, caring for exhibit at State Fair.....	20 39
Sept. 27	Geo. E. Moore, caring for exhibit at State Fair.....	17 35
Sept. 27	L. R. Zerbel, caring for exhibit at State Fair.....	22 24
Sept. 27	Miss Bibbs, clerical services, September.....	20 00
Sept. 10	Democrat Printing Co., 500 tags.....	2 00
Sept. 13	Postmaster Keyes, 1,300 10c stamps.....	130 00
Sept. 28	Wis. Exp. Station, 1200 bu. pedigree barley.....	780 00
Oct. 2	R. A. Moore, exp. State Fair exhibit.....	8 00
Oct. 13	Postmaster Keyes, stamps.....	82 00
Oct. 27	Miss Bibbs, clerical services, October.....	20 00
Oct. 27	Jas. E. Moseley, camera, tripod, films.....	25 75
Oct. 28	Henry Michels, exp. at State Fair.....	9 30
Nov. 2	Postmaster Keyes, stamps.....	39 00
Nov. 23	Miss Bibbs, services, November.....	20 00
Dec. 13	Parsons Printing Co., 5M envelopes.....	10 00
Dec. 13	Postmaster Keyes, stamps.....	30 00
Dec. 23	Miss Bibbs, clerical services, December.....	20 00
Jan. 5	Milwaukee Bag Co., 2300 seed bags.....	130 00
Jan. 28	Miss Bibbs, clerical services, January.....	20 00
Jan. 31	Postmaster Keyes, postcards and stamps.....	30 00
Sept. 3	A. L. Stone, traveling expenses.....	8 87
	Total receipts in state treasury.....	\$2,702 73
	Total disbursements from treasury.....	2,266 89
	Balance in state treasury.....	\$435 84

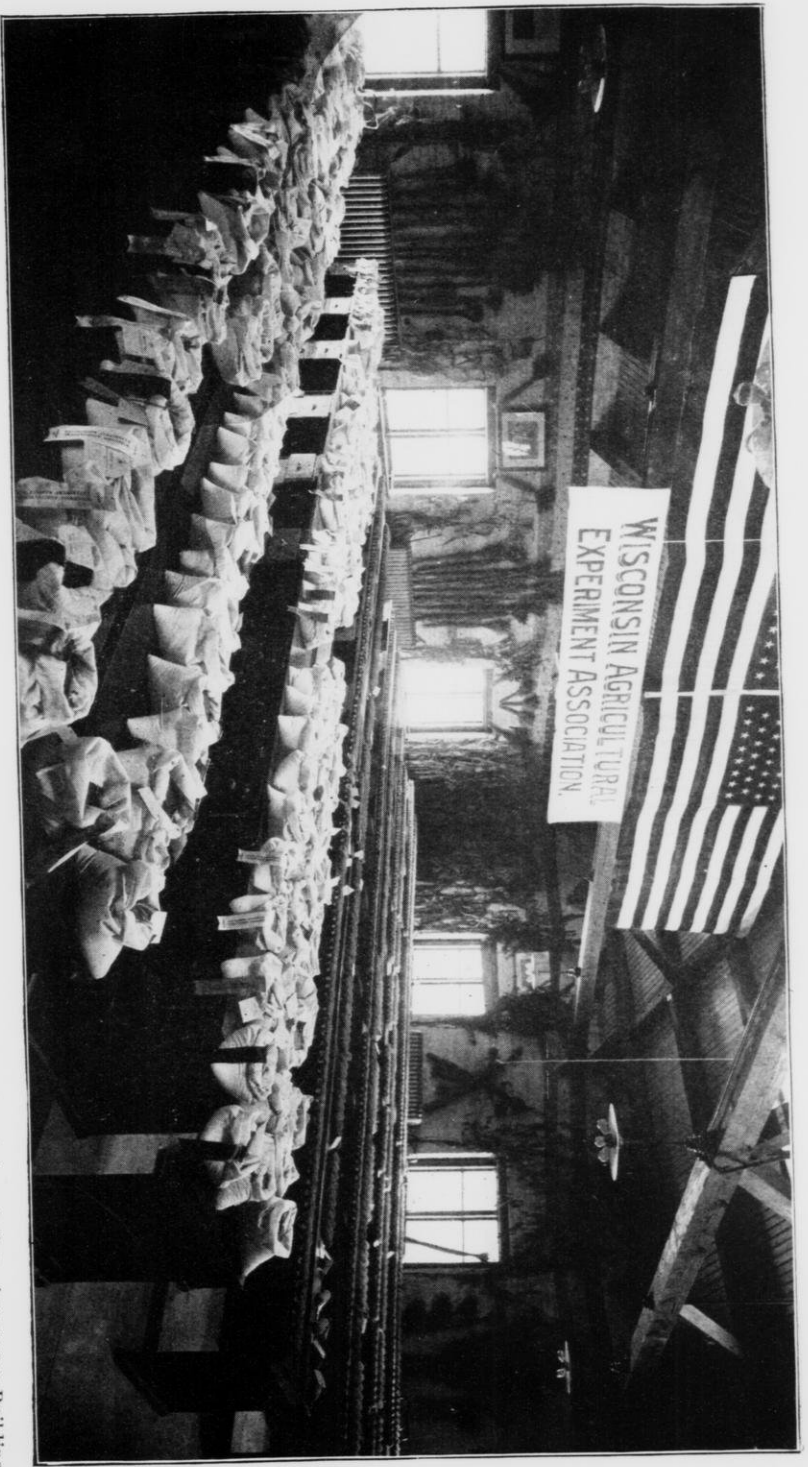
We, the undersigned committee, appointed to examine the Treasurer's and Secretary's reports on receipts and disbursements of funds for the past year, beg leave to report that we found them correct.

Signed H. E. KRUEGER,
J. P. BONZELET,
H. E. WHITTAKER.

Ninth Annual Meeting, Feb. 4-5, 1910.

EXHIBITION OF GRAINS AND FORAGE PLANTS FOR 1910.

Perhaps one of the most attractive features of the last annual meeting of the Experiment Association was the display of grains and forage plants. Approximately six hundred dollars in cash and special prizes had been set aside for premiums to be



Competitive display of grains and forage plants at the Ninth Annual Exhibition of the Wisconsin Experiment Association, Agronomy Building, Madison, February, 1910.



paid for the best exhibits of pure-bred seed grains and forage plants. The quality of the grain displayed was of high standard and the interest taken in the exhibit was such that the Association deems it advisable to continue this line of effort on a much larger scale. Cash and special prizes to the approximate value of eight hundred dollars will be given to the growers of best seeds at the next annual meeting. A list of special prize offerings will be sent to members of the Association later in the year.

All members of the Association should exhibit seed grains at the State Fair in Milwaukee and the National Corn Show at Columbus, O., as well as at the Experiment Association Contest. We desire to let farmers and seedmen far and near know what we are able to produce.

We feel that much good can be done in the way of encouraging the growing and dissemination of good grains free from obnoxious weed seeds.

The Experiment Association should demonstrate to the seedsmen and farmers of Wisconsin that good seed can be grown within our borders which is acclimated to our home conditions. The seedsmen of our state and of adjoining states will be only too pleased to assist in the dissemination of home grown seeds if they can be shown that the quality is equally as good or better than they can get elsewhere. Realizing the great improvement that can be made in the growing of farm crops we trust that every member of the Association will do all in his power to assist in every possible manner in the production of choice grains and forage plants for our next display.

PARTIES AWARDED CASH AND SPECIAL PREMIUMS AT THE WISCONSIN AGRICULTURAL EXPERIMENT ASSOCIATION MEETING, FEBRUARY 4-5, 1910.

Class 1a—Best ½ peck Swedish Select oats (Wis. No. 4).	
First—Gustave Parsch, Wausau (J. L. Owens mill)	\$3 00
Second—E. T. Briggs, Fond du Lac	2 00
Third—H. E. Krueger, Beaver Dam	1 00
Fourth—Anton Bohl, Beaver Dam	50
Fifth—John Accola, Madison	
Class 1b—Best ½ peck of any other variety of oats.	
First—F. P. Grebe, Fox Lake	\$4 00
Second—H. P. West, Ripon	3 00
Third—Alvin Voigt, Oconomowoc	2 00
Fourth—J. F. Ford, Mazomanie	1 00
Fifth—H. D. Dunbar, Elkhorn	50
Class 2a—Best bundle Swedish Select oats (Wis. No. 4).	
First—C. H. Howitt, Randolph	\$4 00
Second—Robert W. Ward, Ft. Atkinson	3 00
Third—Henry E. Krueger, Beaver Dam	2 00
Fourth—H. P. West, Ripon	1 00
Fifth—Wm. R. Leonard, Jefferson	50

Class 2b—Best bundle any other variety.	
First—F. P. Grebe, Fox Lake.....	\$4 00
Second—H. P. West, Ripon.....	3 00
Third—C. H. Howitt, Randolph.....	2 00
Fourth—H. E. Krueger, Beaver Dam.....	1 00
Fifth—Anton Bohl, Beaver Dam.....	50
Class 3a—Best $\frac{1}{2}$ peck Manshury barley.	
First—E. T. Briggs, Fond du Lac.....	\$4 00
Second—H. E. Krueger, Beaver Dam.....	3 00
Third—H. P. West, Ripon.....	2 00
Fourth—Anton Bohl, Beaver Dam.....	1 00
Fifth—C. H. Howitt, Randolph.....	50
Class 3b—Best $\frac{1}{2}$ peck Oderbrucker barley.	
First—H. E. Krueger, Beaver Dam.....	F. & J. sulky plow
Second—John Accola, Madison.....	\$3 00
Third—E. L. Dreger, Madison.....	2 00
Fourth—H. L. Ward, Ft. Atkinson.....	1 00
Fifth—Gustave Parsch, Wausau.....	50
Class 3c—Best $\frac{1}{2}$ peck any other variety of barley.	
First—H. E. Krueger, Beaver Dam.....	\$4 00
Second—J. H. Hendricks, Campbellsport.....	3 00
Third—H. P. West, Ripon.....	2 00
Fourth—C. H. Howitt, Randolph.....	1 00
Fifth—J. P. Bonzelet, Eden.....	50
Class 4a—Best bundle of Manshury barley.	
First—H. E. Krueger, Beaver Dam.....	\$4 00
Second—Anton Bohl, Beaver Dam.....	3 00
Third—C. H. Howitt, Randolph.....	2 00
Fourth—No entry	
Fifth—No entry	
Class 4b—Best bundle Oderbrucker barley.	
First—J. P. Bonzelet, Eden.....	\$4 00
Second—H. E. Krueger, Beaver Dam.....	3 00
Third—C. H. Howitt, Randolph.....	2 00
Fourth—Wm. R. Leonard, Jefferson.....	1 00
Fifth—R. J. Schaefer, Appleton.....	50
Class 4c—Best bundle any variety of barley.	
First—Anton Bohl, Beaver Dam.....	\$4 00
Second—H. E. Krueger, Beaver Dam.....	3 00
Third—C. H. Howitt, Randolph.....	2 00
Fourth—J. P. Bonzelet, Eden.....	1 00
Fifth—Robert W. Ward, Ft. Atkinson.....	50
Class 5a—Best ten ears Clark's Yellow Dent (Wis. No. 1).	
First—C. H. Howitt, Randolph.....	\$4 00
Second—H. E. Krueger, Beaver Dam.....	3 00
Third—C. E. Akins, Warren, Ill.....	2 00
Fourth—H. P. West, Ripon.....	1 00
Fifth—Anton Bohl, Beaver Dam.....	50
Class 5b—Best ten ears Silver King corn (Wis. No. 7).	
First—F. P. Grebe, Fox Lake.....	\$4 00
Second—Anton Bohl, Beaver Dam.....	3 00
Third—H. N. Longley, Dousman.....	2 00
Fourth—G. A. Booth, Cuba City.....	1 00
Fifth—H. E. Krueger, Beaver Dam.....	50
Class 5c—Best ten ears Early Yellow Dent corn (Wis. No. 8).	
First—C. H. Howitt, Randolph.....	\$4 00
Second—Anton Bohl, Beaver Dam.....	3 00
Third—H. E. Krueger, Beaver Dam.....	2 00
Fourth—Hilbert Sorenson, Marinette.....	1 00
Fifth—H. P. West, Ripon.....	50
Class 5d—Best ten ears Golden Glow corn (Wis. No. 12).	
First—C. H. Howitt, Randolph.....	\$4 00
Second—H. E. Krueger, Beaver Dam.....	3 00
Third—J. R. Thorpe, Tavera.....	2 00
Fourth—F. P. Grebe, Fox Lake.....	1 00
Fifth—J. P. Bonzelet, Eden.....	50

Class 5e—Best ten ears North Star Yellow Dent (Wis. No. 11).		
First—C. H. Howitt, Randolph.....		\$4 00
Second—W. A. Toole, Baraboo.....		3 00
Third—H. E. Krueger, Beaver Dam.....		2 00
Fourth—C. E. Akins, Warren, Ill.....		1 00
Fifth—Anton Bohl, Beaver Dam.....		50
Class 5f—Best ten ears Yellow Flint corn.		
First—O. R. Frauenheim, Random Lake.....		\$4 00
Second—Anton Bohl, Beaver Dam.....		3 00
Third—H. E. Krueger, Beaver Dam.....		2 00
Fourth—C. Akins, Warren, Ill.....		1 00
Fifth—C. H. Howitt, Randolph.....		50
Class 5g—Best ten ears White Flint.		
First—Wm. R. Leonard, Ft. Atkinson.....		\$4 00
Second—H. E. Krueger, Beaver Dam.....		3 00
Third—C. H. Howitt, Randolph.....		2 00
Fourth—C. E. Akins, Warren, Ill.....		1 00
Fifth—Anton Bohl, Beaver Dam.....		50
Class 5h—Best ten ears, any variety of corn.		
First—H. C. Brueckner, Ft. Atkinson.....		\$4 00
Second—H. E. Krueger, Beaver Dam.....		3 00
Third—John Van Loon, La Crosse.....		2 00
Fourth—C. E. Akins, Warren, Ill.....		1 00
Fifth—Donald L. Bryson, Elizabeth, Ill.....		50
Class 5i—Best single ear of corn.		
First—Anton Bohl, Beaver Dam.....		\$4 00
Second—H. C. Brueckner, Ft. Atkinson.....		3 00
Third—Robert W. Ward, Ft. Atkinson.....		2 00
Fourth—W. W. Weir, Mukwonago.....		1 00
Fifth—C. H. Howitt, Randolph.....		50
Class 5½ Special. Best 50 ears Silver King corn (Wis. No. 7).		
First—Anton Bohl, Beaver Dam.....	Galloway cream separator	\$6 00
Second—F. P. Grebe, Fox Lake.....		3 00
Third—H. E. Krueger, Beaver Dam.....		2 00
Fourth—G. A. Booth, Cuba City.....		1 00
Fifth—H. L. Ward, Ft. Atkinson.....		50
Class 5½ Special. Best 50 ears any Wisconsin Standard Yellow Dent.		
First—C. H. Howitt, Randolph.....	International disc harrow	\$3 00
Second—Anton Bohl, Beaver Dam.....		3 00
Third—F. P. Grebe, Fox Lake.....		2 00
Fourth—Hilbert Sorenson, Marinette.....		1 00
Fifth—J. P. Bonzelet, Eden.....		50
Class 6a—Best ½ peck Medium Red Clover seed.		
First—Martin Haegers, Luxemburg.....	Johnson & F. fanning mill	\$3 00
Second—H. P. West, Ripon.....		2 00
Third—C. E. Akins, Warren, Ill.....		1 00
Fourth—Albert W. Fay, New Richmond.....		50
Fifth—H. W. Meekin, Fond du Lac.....		50
Class 6b—Best ½ peck of Mammoth Red Clover seed.		
First—A. F. Carlson, Augusta.....		\$4 00
Second—H. E. Krueger, Beaver Dam.....		3 00
Third—H. P. West, Ripon.....		2 00
Fourth—F. J. Gerking, Elk Mound.....		1 00
Class 6c—Best ½ peck Alsike clover.		
First—H. P. West, Ripon.....		\$4 00
Second—C. E. Akins—Warren, Ill.....		3 00
Third—F. J. Gerking, Elk Mound.....		2 00
Fourth—H. W. Meekin, Fond du Lac.....		1 00
Fifth—H. E. Krueger, Beaver Dam.....		50
Class 6d—Best ½ peck White Clover seed.		
First—Ray N. West, Ripon.....		\$4 00
Second—H. P. West, Ripon.....		3 00
Third—H. E. Krueger, Beaver Dam.....		2 00
Fourth—Anton Bohl, Beaver Dam.....		1 00
Class 7a—Best ½ peck Black Soy beans.		
First—C. H. Howitt, Randolph.....		\$3 00
Second—H. P. West, Ripon.....		2 00
Third—F. P. Grebe, Fox Lake.....		1 00
Fourth—C. E. Akins, Warren Ill.....		50

Class 7b—Best $\frac{1}{2}$ peck Green Soy beans.	
First—C. H. Howitt, Randolph.....	\$3 00
Second—F. P. Grebe, Fox Lake.....	2 00
Third—F. G. Swoboda, Dousman.....	1 00
Fourth—H. E. Krueger, Beaver Dam.....	50
Class 7c—Best $\frac{1}{2}$ peck Yellow Soy beans.	
First—W. R. Leonard, Jefferson.....	\$3 00
Second—C. E. Akins, Warren, Ill.....	2 00
Third—H. E. Krueger, Beaver Dam.....	1 00
Fourth—Chas. A. Wussow, Seymour.....	50
Class 7d—Best $\frac{1}{2}$ peck Brown Soy beans.	
First—H. E. Krueger, Beaver Dam.....	\$3 00
Second—C. H. Howitt, Randolph.....	2 00
Third—F. P. Grebe, Fox Lake.....	1 00
Fourth—Frank Bradley, Somers.....	50
Class 8a—Best bundle of Soy beans.	
First—C. H. Howitt, Randolph.....	\$3 00
Second—F. P. Grebe, Fox Lake.....	2 00
Third—Anton Bohl, Beaver Dam.....	1 00
Fourth—H. E. Krueger, Beaver Dam.....	50
Class 9a—Best $\frac{1}{2}$ peck Alfalfa seed.	
First—H. P. West, Ripon.....	\$4 00
Class 10a—Best sample Alfalfa hay.	
First—John J. Dettwiler, Monroe.....	\$4 00
Second—H. E. Krueger, Beaver Dam.....	3 00
Third—Anton Bohl, Beaver Dam.....	2 00
Fourth—John G. Jones, Beaver Dam.....	1 00
Fifth—F. P. Grebe, Fox Lake.....	50
Class 11a—Best $\frac{1}{2}$ peck Winter rye.	
First—H. E. Krueger, Beaver Dam.....	\$3 00
Second—Anton Bohl, Beaver Dam.....	2 00
Third—H. P. West, Ripon.....	1 00
Fourth—P. A. Paulson, Hudson.....	50
Class 11b—Best $\frac{1}{2}$ peck Spring rye.	
First—Anton Bohl, Beaver Dam.....	\$3 00
Second—C. H. Howitt, Randolph.....	2 00
Third—H. E. Krueger, Beaver Dam.....	1 00
Fourth—H. P. West, Ripon.....	50
Class 12a—Best $\frac{1}{2}$ peck Timothy seed.	
First—H. P. West, Ripon.....	\$3 00
Second—H. W. Meekin, Fond du Lac.....	2 00
Third—C. H. Howitt, Randolph.....	1 00
Fourth—H. E. Krueger, Beaver Dam.....	50
Class 13a—Best $\frac{1}{2}$ peck Silver Hull buckwheat.	
First—F. P. Grebe, Fox Lake.....	\$3 00
Second—H. E. Krueger, Beaver Dam.....	2 00
Third—C. H. Howitt, Randolph.....	1 00
Fourth—R. N. West, Ripon.....	50
Class 13b—Best $\frac{1}{2}$ peck Japanese buckwheat.	
First—H. P. West, Ripon.....	\$3 00
Second—C. H. Howitt, Randolph.....	2 00
Third—H. E. Krueger, Beaver Dam.....	1 00
Fourth—Anton Bohl, Beaver Dam.....	50
Class 14a—Best $\frac{1}{2}$ peck Winter wheat.	
First—H. E. Krueger, Beaver Dam.....	\$3 00
Second—Frank Backhaus, Kewaskum.....	2 00
Third—H. Schumann, Beaver Dam.....	1 00
Fourth—Alvin Voigt, Oconomowoc.....	50
Class 14b—Best $\frac{1}{2}$ peck Spring wheat.	
First—H. E. Krueger, Beaver Dam.....	\$3 00
Second—R. N. West, Ripon.....	2 00
Third—Anton Bohl, Beaver Dam.....	1 00
Fourth—A. Chase, Knapp.....	50
Class 15a—Best bundle Winter wheat.	
First—R. J. Schaefer, Appleton.....	\$3 00
Second—H. E. Krueger, Beaver Dam.....	2 00
Third—F. B. Joos, Fountain City.....	1 00
Fourth—Anton Bohl, Beaver Dam.....	50

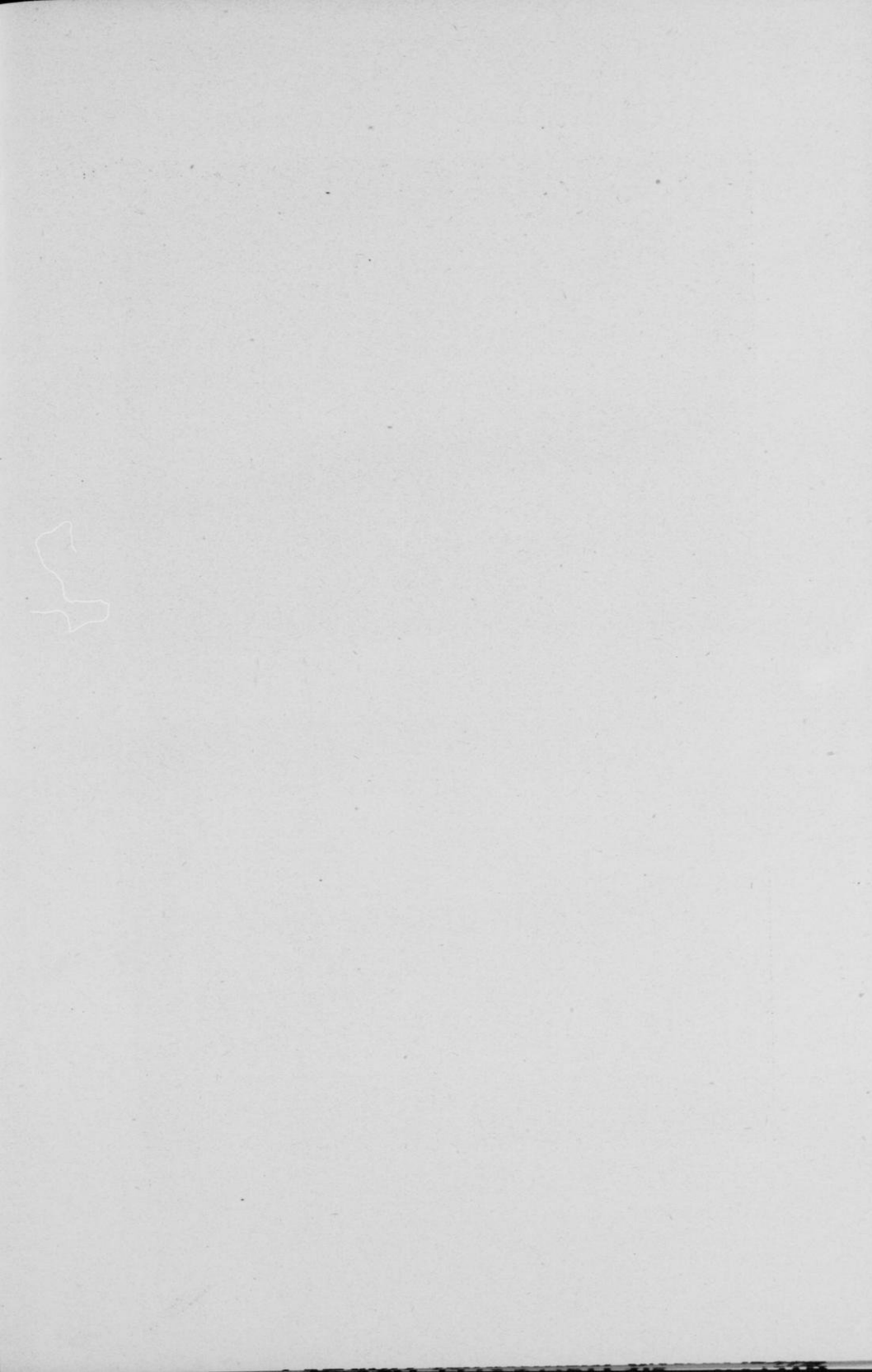
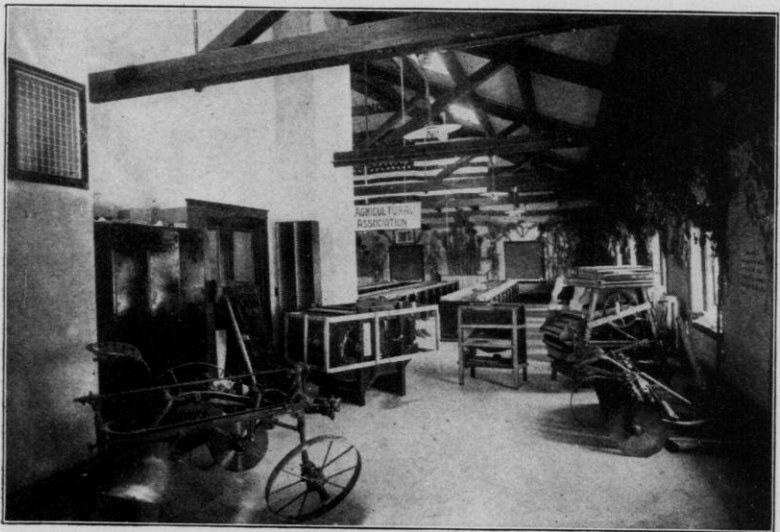




Exhibit of grains and forage plants made by the Dodge County Order at the Ninth Annual Meeting of the Experiment Association.



Some of the prizes donated by friends for the best seed grains exhibited at the Ninth Annual Meeting of the Experiment Association.

Class 15b—Best bundle Spring wheat.	
First—C. H. Howitt, Randolph.....	\$3 00
Second—H. E. Krueger, Beaver Dam.....	2 00
Third—P. A. Paulson, Hudson.....	1 00
Fourth—Anton Bohl, Beaver Dam.....	50
Class 16a—Best sample of Navy beans.	
First—F. P. Grebe, Fox Lake.....	\$3 00
Second—H. P. West, Ripon.....	2 00
Third—Anton Bohl, Beaver Dam.....	1 00
Fourth—H. E. Krueger, Beaver Dam.....	50
Class 17a—Best three single stalks with pods attached.	
First—H. E. Krueger, Beaver Dam.....	\$3 00
Second—Anton Bohl, Beaver Dam.....	2 00
Third—Rufus Gillette, Verona.....	1 00

Greatest and best display of threshed grains was awarded to Dodge county order of the Experiment Association.....	\$10 00
Greatest and best display of sheaf grains was awarded to Dodge county order of the Experiment Association.....	10 00

SPECIAL PRIZES AND TROPHIES GIVEN AT THE LAST ANNUAL SEED GRAIN CONTEST BY FRIENDS OF THE ASSOCIATION.

Through the kindness of friends of the Wisconsin Experiment Association, we were able to offer at the last annual display of grains and forage plants, the following special prizes and trophies:

- The William Galloway Company, Waterloo, Iowa, offered a Galloway Cream Separator for the best fifty ears of Silver King (Wisconsin No. 7 Corn), valued at \$80.00, won by Anton Bohl, Beaver Dam.
- J. L. Owens Co., Minneapolis, Minn., offered a New Superior fanning mill for best half peck of Swedish Select oats (Wis. No. 4), valued at \$45.00, won by Gustave Parsch, Wausau.
- Fuller & Johnson Co., Madison, offered a Sulky Plow for best half peck of Oderbrucker barley, valued at \$50.00, won by H. E. Krueger, Beaver Dam.
- Johnson & Field Mfg. Co., Racine, offered a complete fanning mill with all attachments, for best half peck of Medium Red clover seed, valued at \$45.00, won by Martin Haegers, Luxemburg.
- International Harvester Co. of America offered an Osborn Rival disc harrow for best fifty ears of any Wisconsin Standard Yellow Dent corn, valued at \$30.00, won by C. H. Howitt, Randolph.
- Fred Pabst, Oconomowoc, offered a Berkshire pig to the person taking the greatest number of cash prizes on pure bred corn, won by H. E. Krueger, Beaver Dam.
- A sterling silver trophy, for best sample Swedish Select oats, valued at \$40.00 given by Chamber of Commerce, Milwaukee, won by Gustave Parsch, Wausau.
- A sterling silver trophy, for best sample spring wheat, valued at \$40.00, given by Chamber of Commerce, Milwaukee, won by Anton Bohl, Beaver Dam.

- A sterling silver trophy, for best sample of Winter rye, valued at \$40.00, given by Chamber of Commerce, Milwaukee, won by H. E. Krueger, Beaver Dam.
- A sterling silver trophy, for best bundle Oderbrucker barley, valued at \$40.00, given by Chamber of Commerce, Milwaukee, won by J. P. Bonzelet, Eden.
- A sterling silver trophy, for best sample of Oderbrucker barley, valued at \$125.00, given by Wisconsin Brewers' Association, won by H. E. Krueger, Beaver Dam.
- A sterling silver trophy, for best ten ears of Golden Glow corn, valued at \$60.00, given by Wisconsin Agriculturist, Racine, won by C. H. Howitt, Randolph.
- A sterling silver trophy, for best ten ears Silver King corn, valued at \$40.00, given by Chamber of Commerce, Milwaukee, won by Fred P. Grebe, Fox Lake. Mr. Grebe having won this cup twice it now becomes his permanent possession.

PREMIUM LIST, 1910.

(Awards to be made January, 1911.)

DEPARTMENT OF FARM CROPS.

Class 1. Oats.

- Best $\frac{1}{2}$ peck Swedish Select oats (Wis. No. 4), \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best $\frac{1}{2}$ peck any other variety, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.

Class 2. Oats in Sheaf.

- Best bundle Swedish Select oats (Wis. No. 4), \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best bundle any other variety, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.

Class 3. Barley.

- Best $\frac{1}{2}$ peck Wisconsin Pedigree barley, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best $\frac{1}{2}$ peck Oderbrucker barley (Wis. 55), \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best $\frac{1}{2}$ peck any other variety, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.

Class 4. Barley in Sheaf.

- Best bundle of Wisconsin Pedigree barley, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best bundle of Oderbrucker barley (Wis. 55), \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best bundle of any other variety, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.

Class 5. Corn.

- Best ten ears, Clark's Yellow Dent (Wisconsin No. 1), \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best ten ears Silver King, (Wisconsin No. 7), \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best ten ears Early Yellow Dent (Wisconsin No. 8), \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best ten ears Golden Glow (Wisconsin No. 12), \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best ten ears Tooles North Star Yellow Dent (Wisconsin No. 11), \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best ten ears Yellow Flint, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best ten ears White Flint, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best ten ears, any other variety, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best single ear of corn, any variety, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.

Class 5½. Special.

- Best fifty ears of Silver King (Wisconsin No. 7) corn, \$10.00; 2nd, \$6.00; 3rd, \$3.00; 4th, \$2.00; 5th, \$1.00.
- Best fifty ears of any Wisconsin Standard Yellow Dent corn (Wisconsin No. 8, Clark's Yellow Dent, Golden Glow, Tooles North Star), \$10.00; 2nd, \$6.00; 3rd, \$3.00; 4th, \$2.00; 5th, \$1.00.

Class 6. Clover Seed.

- Best ½ peck of medium red clover seed, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best ½ peck of mammoth red clover seed, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best ½ peck of alsike clover seed, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.
- Best ½ peck of white clover seed, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.

Class 7. Soy Beans.

- Best ½ peck (black) soy beans, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.
- Best ½ peck (green) soy beans, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.
- Best ½ peck (yellow) soy beans, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.
- Best ½ peck (brown) soy beans, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.

Class 8. Soy Beans in Sheaf.

- Best bundle of soy beans, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.

Class 9. Alfalfa Seed.

- Best ½ peck of alfalfa seed, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.

*Eighth Annual Report of the**Class 10. Alfalfa Hay.*

Best sample of alfalfa hay, \$4.00; 2nd, \$3.00; 3rd, \$2.00; 4th, \$1.00; 5th, 50 cents.

Class 11. Rye.

Best $\frac{1}{2}$ peck winter rye, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.
Best $\frac{1}{2}$ peck spring rye, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.

Class 12. Timothy Seed.

Best $\frac{1}{2}$ peck timothy seed, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.

Class 13. Buckwheat.

Best $\frac{1}{2}$ peck Silver Hull buckwheat, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.
Best $\frac{1}{2}$ peck Japanese Buckwheat, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.

Class 14. Wheat.

Best $\frac{1}{2}$ peck winter wheat, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.
Best $\frac{1}{2}$ peck spring wheat, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.

Class 15. Wheat in Sheaf.

Best bundle winter wheat, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.
Best bundle spring wheat, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 40 cents.

Class 16. Field Beans.

Best sample of Field Beans, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.

Class 17. Field Beans.

Best three single stalks with pods attached, \$3.00; 2nd, \$2.00; 3rd, \$1.00; 4th, 50 cents.

Competitive Exhibits of the County Orders of the Wisconsin Experiment Association.

Greatest and Best Display of Threshed Grains.

1st, \$10.00; 2nd, \$5.00; 3rd, \$3.00; 4th, \$2.00.

Greatest and Best Display of Sheaf Grains.

1st, \$10.00; 2nd, \$5.00; 3rd, \$3.00; 4th, \$2.00.

RULES AND REGULATIONS UNDER WHICH PREMIUMS ARE GIVEN.

1. The exhibitor must be a member of the Wisconsin Experiment Association.
2. Grain or forage plants must have been grown the season previous to exhibition by the exhibitor.
3. No fees will be charged for exhibiting in any classes.

4. The samples of grain and forage plants exhibited are to be retained as the property of the Wisconsin Experiment Association and may be used by the association or sold at auction to the highest bidder after the awards are made.
5. Exhibits are to be brought in by members of the Association. If sent by express or freight all carrying charges should be prepaid.
6. Varieties of grain or forage plants not specifically named in the list can compete as "any other variety" in which case these different varieties compete against each other and not as an individual class.
7. Exhibitors cannot compete for two cash premiums on the same variety of grain or forage plant.
8. A proper entry of all grains, seeds, etc., must be made in the entry book at the Secretary's office before they are placed on exhibition tables.
9. Expert judges will be secured to place the awards.
10. Where doubt exists in regard to grains being entered according to rules and regulations the exhibitor may be required to verify by oath or affidavit to the correctness of the entries.
11. The grain exposition of the Association will be held at Madison in the Agronomy Building and rooms have been secured in that building for the exhibits.

ADDITIONAL RULES GOVERNING TROPHY AWARDS.

1. The Chamber of Commerce trophies must be won twice by one member before it becomes his permanent possession.
2. The Wisconsin Brewers' Association trophy must be won three times by one member before it becomes his permanent possession.
3. The Andrew Simonson trophy must be won three times by one member before it becomes his permanent possession.
4. The trophies must stay on exhibition in the Agronomy building, Madison, Wis., until they are permanently awarded. The name of each winner will be engraved on the trophy each year.

REPORT OF FOND DU LAC COUNTY FARM INSPECTOR.

HENRY MICHELS, MALONE.

The call for Wisconsin grown seeds is rapidly increasing. This growing demand makes it necessary for the members of our Association to grow more standard bred grains and corn and what is more important, they must keep them up to the high standard for which Wisconsin is known. In order to encourage and assist them in this work, the secretaries of the County Orders were appointed as farm inspectors with instruc-

tions to visit the farms of members residing in their respective counties. The object of the inspection was to secure information relative to the varieties of grains grown; to ascertain to what particular soils or climate they were best adapted; observe conveniences for handling grains and assist members of the Association in planning the proper equipment for handling to the best advantage the various select seed grains in the best possible manner.

In general it may be said that while Fond du Lac county has always been one of the foremost in the seed line, a majority of the members are just beginning to take an interest in selling seed grains. All of them have some grains of standard varieties and are disseminating them among their neighbors which in itself is a grand thing. Many of them, however, have splendid lots of grain which might easily net them 20 to 25 per cent more if advertised in agricultural papers and shipped to other states or to those sections of this State which have not yet begun to raise pedigree varieties of grain.

In order to handle seed grains on a commercial scale a majority of the farmers need better equipment. A good fanning mill is the first requisite. Grains which when cleaned up would present an excellent appearance, often do not sell well or give satisfaction when sold without cleaning because of the presence of weed seeds or light, shrunken kernels. Those farms which are equipped with gasoline engines or other power can easily make use of this in running the fanning mill and elevating the grain to upper bins from which it can easily be sacked from spouts.

Facilities for Handling Seed Corn.—Various devices of merit for curing seed corn were noted. A plan which is very practical in houses which are equipped with furnaces, is to put it up between the joists in the cellar above or near the furnace. Here it is out of the way and dries out splendidly.

In another place in this report will be found the plans of a large seed house constructed exclusively for the purpose of curing seed corn on a commercial scale. These plans will perhaps prove helpful to those who contemplate engaging in the seed corn business.





FAIRVIEW GRAIN AND STOCK FARM.

H. E. Krueger, Proprietor, Beaver Dam, Dodge County.

This beautiful farm of 140 acres is located near Beaver Dam and is run largely as a pure bred seed grain farm. Pedigree barley, Swedish Select oats, Silver King and Golden Glow corn receive marked attention. Mr. Krueger has put upon the market some of the best seed grains sold in Wisconsin. During the four years Mr. Krueger has sold pure bred seed grains, none but good reports have come to the office of the Experiment Association concerning his seeds.

No member of the Association is putting forth more effort in ridding the country of scrub grains and in the dissemination of knowledge regarding pure bred grains than Mr. Krueger. In addition to his duties upon the farm Mr. Krueger is secretary and manager of the Dodge Co. order of the Experiment Association and takes an active interest in county, state and national grain shows.



SALZMAN FARM HOME.

Edward Salzman was a former student of the College of Agriculture and has been an active member of the Experiment Association since he united with the organization. The above cut shows the great success he is having in growing and curing alfalfa. The home and fine farm buildings are prominent in the background.

REPORT OF DODGE COUNTY FARM INSPECTOR.

H. E. KRUEGER, BEAVER DAM.

Fellow Members, Ladies and Gentlemen:

My work along farm inspection has been short, but I have done enough to convince me that it is work along the right line. At every place visited I was met with a hearty welcome, but in order to get the best result I had to take the place of a critic to a certain extent. This brought out what was sought for, and gave me a chance to make many suggestions along the line that would be most effective.

I believe this is work in the right direction, as I find that there is a demand for ten times the present output of seed grains, if the members can be stirred up to advertise and let other states know that they have got the goods. In many places I found large quantities of fine seed oats and barley going to the elevator at common market prices, which could have just as well brought the grower one-third more money.

We desire to have pure bred grains go on to the general market as this will lift the standard of the state, but the members of the Association who have made it possible to grow select seed grains by assisting in the general dissemination are entitled to seed grain prices for their general out-put and should keep in close touch with their Order of the Experiment Association, which can aid them in getting seed grain prices.

Most all of our members visited were growing pure bred grains, and were leaders in their locality, but some were not up-to-date, as they had finished the Short Course some time ago and had not kept in touch with the outside world. They needed a brushing up and they were pleased to know of the many new things that could be told them and made free to ask questions on branches of work that were of vital interest to them. The matter of cleaning and grading grains was emphasized, also the importance of treating the seed grain for the prevention of smut and the sowing of such grains on land free from obnoxious weeds.

REPORT OF MANITOWOC COUNTY FARM INSPECTOR.

O. R. WIEGAND, CLEVELAND.

Fellow Members of the Experiment Association, Ladies and Gentlemen:

It has been a great source of pleasure for me to visit and inspect the different farms of our members in Manitowoc County, and I think I realize now as I never did before the great good that the state and local association can do for our members and the farmers in general.

The following report on individual farms is herewith given:

Mr. Ed. Kolb, Cleveland. Mr. Kolb has a farm of 60 acres, of which about 55 acres are under cultivation. Mr. Kolb has given Oderbrucker barley and Silver King corn a trial and is well pleased with results, his barley is of a very good quality.

Mr. Herman Roethel, Kiel. Mr. Roethel's farm consists of 140 acres of light clay loam soil, of which about 100 acres are under cultivation. Mr. Roethel grows Oderbrucker barley and Silver King corn, his success with the No. 7 corn has been very satisfactory, it yielded well and has always matured well. Mr. Roethel's facilities for handling seed grains are good, he has good seed houses and graders and his seed corn is fire dried. Mr. Roethel has distributed the improved seed grains quite extensively among his neighbors.

Mr. Ed. Thieleke, Kiel. Mr. Thieleke has a farm of 60 acres, 45 of this under cultivation, the soil is a light-clay loam. Oderbrucker barley and No. 7 corn are grown on this farm and his success with the No. 7 corn has been very satisfactory.

Mr. Carl Raquet, Kiel. Mr. Raquet has a farm of 119 acres of black loam soil, of which about 110 acres are under cultivation. Mr. Raquet is growing Oderbrucker barley and Swedish Select oats for seed, and is fully equipped with good seed house and grain grader so he can deliver fine grades of seeds. The results with Silver King corn were very satisfactory. Mr. Raquet has distributed improved seeds quite extensively.

Mr. Arthur Arnold, Kiel. Mr. Arnold's farm consists of 160 acres, 135 under cultivation. The crops grown for seed are Oderbrucker barley and beans. Mr. Arnold has a good seed house and grain grader. Improved seeds are used considerably in Mr. Arnold's locality.

Mr. William Shulz, Kiel. Mr. Shulz has a farm of 70 acres of light clay loam soil of which about 58 acres are under cultivation, free from weeds. Crops grown for seed are oats and Oderbrucker barley. Improved seeds not used extensively by neighboring farmers.

Mr. Herman Duecker, Kiel. Mr. Duecker's farm consists of 143 acres of sandy and clay loam soil, of which 120 acres are under cultivation. Mr. Duecker is growing Swedish Oats and Oderbrucker barley for seed. Yield of oats 65 bushels, barley 35 bushels per acre. Mr. Duecker is well satisfied with improved grains and thinks them quite superior to common varieties, but has been so far unable to induce his neighbors to sow improved seeds extensively.

Mr. Edward Salzmänn, Kiel. Mr. Salzmänn has a farm of 78 acres of which about 45 are under cultivation. The soil is gravel, clay and other mixture. Mr. Salzmänn is not devoting his farm to seed growing, but is growing the Swedish Select oats for his own use, which he finds superior to common varieties formerly grown. Mr. Salzmänn has grown alfalfa successfully for several years.

Mr. Andrew Wigen, Quarry. Mr. Wigen has a farm of 120 acres of black muck soil, about 100 being under cultivation. Mr. Wigen is growing Swedish Oats and Oderbrucker barley for seed and considers these varieties much superior to common varieties. His barley yielded 50 bushels and oats 70 bushels per acre. Mr. Wigen has a good seed house and grain grader and has succeeded in distributing improved seeds to some extent among his neighbors.

Mr. James Tyler, Quarry. Mr. Tyler's farm consists of 87 acres of clay loam soil, of which 42 are under cultivation. Crops grown for seed on this farm are Oderbrucker barley and

Golden Glow corn. Barley yielded 32 bushels and corn 75 bushels per acre. Mr. Tyler considers Oderbrucker barley superior to common varieties and it is being grown to quite an extent by his neighbors. The corn did not prove quite as satisfactory as Pride of the North, either in yield or early maturing qualities.

Mr. Adolph Klann, Hayton.—Mr. Klann's farm consists of 320 acres of clay soil of which 180 acres are under cultivation. Mr. Klann is growing Swedish Select oats, Oderbucker barley and sixty day oats for seed. Mr. Klann is fully equipped with good seed houses and grain grader and his seed grains are known for their quality and purity all over the neighborhood. He has distributed the improved varieties quite extensively and has already sold all of his 1909 oat crop. Barley yielded 43 bu., 60 day oats 80 bu., and Swedish oats 75 bu. to the acre. Mr. Klann is well satisfied with improved seeds and thinks them quite superior to common varieties.

Mr. James Garey, Grimms.—Mr. Garey's farm consists of 80 acres, clay loam soil, 72 acres of it being under cultivation. Mr. Garey is growing Swedish oats for seed, his oats are of a very good quality and yielded 70 bushels to the acre. This variety of oats seems to do exceptionally well on Mr. Garey's farm and he has sold and shipped quite an amount of it for seed. His grain house and graders are good.

Mr. James Sullivan, Grimms.—Mr. James Sullivan has a farm of 280 acres, of sandy loam and clay soil, of which 200 acres are under cultivation. Crops grown for seed are Swedish oats and Oderbrucker barley, yield of barley 30 bu. and oats 65 bu. per acre. Mr. Sullivan is well satisfied with results obtained with improved seeds, his grain house and graders are good and he has succeeded in distributing improved grains quite extensively.

Mr. John Pritzl, Cato.—Mr. Pritzl has a farm of 100 acres of light clay loam soil, of which 92 acres are under cultivation. The only weeds found on this farm are Canada thistles to a small extent, which are destroyed by cultivation. The crops grown for seed on this farm are Oderbrucker barley and No. 8 corn. Barley yielded 30 bu. per acre, corn grown only for his

own use, grain house and grader good. Mr. Pritzl is well satisfied with barley and has supplied the neighborhood to some extent.

Mr. Almer Halverson, Cato.—Mr. Halverson has a farm of 77 acres of light clay soil of which 30 acres are under cultivation. Crops grown for seed on this farm are Oderbrucker barley and No. 7 corn. Barley yielded 35 bu. per acre. Corn did not mature very good. Mr. Halverson has a good seed house and grain grader.

Mr. Anton Berge, Valders.—Mr. Berge's farm consists of 210 acres of clay and black soil of which 120 acres are under cultivation. Mr. Berge is growing Oderbrucker barley and No. 7 corn for seed. Barley yielded 50 bu. per acre which was about the same as other varieties. No. 7 corn did very well on this farm and matured all right. This corn is grown by other farmers in this locality and the results are all very satisfactory.

Mr. Otis Berge, Valders.—Mr. Berge has a farm of 140 acres of black loam soil of which about 90 acres are under cultivation. Crops grown for seed are Oderbrucker barley, Swedish oats and No. 7 corn. Barley yielded 30 bu., oats 40 and corn 60 bu. per acre. Mr. Berge is well equipped with a grain house and grader and has arranged to fire dry his corn. Corn matured well, and neighbors supplied to some extent and all well pleased with it, using it quite extensively for silage. Mr. Berge thinks Oderbrucker barley superior to common varieties.

Mr. Otis Marken, Valders.—Mr. Marken's farm consists of 100 acres of clay loam soil, of which 75 acres are under cultivation. Mr. Marken is growing Oderbrucker barley and No. 7 corn. Yield of barley 33 bu. per acre, corn yielded exceptionally good, but exact yield not known, it matured very well and also makes a splendid silage corn. Farmers in this locality have all had very good success with the No. 7 corn and especially for silage purposes. It matured all right with all, yet they would like to try a variety a trifle earlier as they fear it might not always be able to mature. Mr. Marken has a very good seed house and grain grader and also facilities to fire dry his corn.

Mr. Alfred Hoefner, Manitowoc.—Mr. Hoefner has a farm of 80 acres of clay soil of which 68 acres are under cultivation. Mr. Hoefner is growing Oderbrucker barley and red clover for seed. Swedish oats was grown but not found satisfactory. Barley satisfactory, yield 40 bu. per acre. Mr. Hoefner has good seed house and grain grader.

Mr. Herbert Hoefner, Manitowoc.—Mr. Hoefner's farm consists of 160 acres of mostly clay soil, of which about 60 acres are under cultivation. Oderbrucker barley and Golden Glow corn are grown for seed, barley yielded 30 bu. per acre. Mr. Hoefner considers it about the same as other barley. Corn did not do quite as well as another variety grown on the same farm, resembling very much the No. 8 corn.

Mr. Fred Hoefner, Manitowoc.—Mr. Hoefner has a farm of 80 acres of sandy loam and clay soil of which about 60 acres are under cultivation. Mr. Hoefner is growing Oderbrucker barley, it yielded about 25 bu. per acre, quality very good.

Mr. Ed. Knudson, Manitowoc.—Mr. Knudson's farm consists of 67 acres of sand and clay soil of which 50 acres are under cultivation. Mr. Knudson is growing Oderbrucker barley and Golden Glow corn for seed, barley yielded 32 bu., corn 70 bu. per acre. Mr. Knudson is well satisfied with barley and corn and is well equipped with a seed house and graders, also facilities to fire dry corn.

Mr. Lars Ballestad, Manitowoc.—Mr Ballestad has a farm of 85 acres of clay soil, of which about 55 acres are under cultivation. Mr. Ballestad is growing Oderbrucker barley for seed, yield was about 35 bu. per acre. He considers this barley quite superior to common varieties and has supplied neighbors with it to some extent. Mr. Ballestad is well equipped with seed houses and a grain grader.

Mr. J. E. Paulson, Manitowoc.—Mr. Paulson's farm consists of 100 acres of clay soil, of which about 75 acres are under cultivation. Mr. Paulson is growing Oderbrucker barley and Nos. 7 and 8 corn. Barley yielded 30 bu., corn 55 bu. per acre. Mr.

Paulson is well pleased with results of barley. He is also growing Swedish oats.

Mr. Walter Behm, Manitowoc.—Mr. Behm has a farm of 80 acres of clay soil of which about 70 acres are under cultivation. Mr. Behm is growing Oderbrucker barley and No. 8 corn. Barley did not turn out very satisfactorily, probably due to the dry season and other conditions, but will try it again. No. 8 corn did very well on this farm, but Mr. Behm has none for sale as neighbors have ordered their season's seed from him.

Mr. Clifford Gunderson, Manitowoc.—Mr. Gunderson's farm consists of 97 acres of clay soil of which 57 acres are under cultivation. Mr. Gunderson is growing Oderbrucker barley and No. 12 corn. Barley yielded 40 bu. and corn 70 bu. per acre. He has a good seed house and grader, his corn is air dried. Comparing with other barley, Mr. Gunderson is well pleased with Oderbrucker.

Mr. Mervin Geraldson, Manitowoc.—Mr. Geraldson's farm consists of 126 acres of clay soil of which 70 acres are under cultivation. Mr. Geraldson is growing Oderbrucker barley and Golden Glow corn, has good seed house and grain grader, but not fire dried corn. Corn yielded 110 bu. per acre, seed on hand already ordered by neighbors.

Mr. Charles Gustaveson, Manitowoc.—Mr. Gustaveson's farm consists of 80 acres of sand and loam soil, 60 acres of which is under cultivation. Crops grown for seed are Oderbrucker barley and No. 12 corn, both proving very satisfactory. Mr. Gustaveson has good seed house and grader, but has no seed for sale this year.

Mr. Reinhold Clusen, Manitowoc.—Mr. Clusen's farm consists of 120 acres of loam soil of which 95 acres are under cultivation. Mr. Clusen is growing Swedish oats, Oderbrucker barley and Golden Glow corn for seed. Yield of corn 100 bu., barley 30 bu. and oats 50 bu. per acre. Oderbrucker barley is grown quite extensively in Mr. Clusen's neighborhood. He is well pleased with the corn, it yielded very good and matured early, and has arranged for fire drying it. He has also a good seed house and grader.

Mr. Adolph Bauer, Manitowoc.—Mr. Bauer's farm consists of 80 acres of clay and clay loam soil, of which 70 acres are under cultivation. Mr. Bauer is growing Oderbrucker barley and Golden Glow corn for seed. Barley yielded 40 bu., corn 95 bu. per acre. Mr. Bauer has grown Golden Glow corn quite successfully and has sold quite an amount of fire dried seed. He has a good grain house and grader.

Mr. Wm. Huhn, Cleveland.—Mr. Huhn's farm consists of 120 acres of sandy and clay loam soil, of which 108 acres are under cultivation. Mr. Huhn has been growing Oderbrucker barley and is well pleased with it. He has grown some No. 7 corn for silage purposes with good results. It also matured, and he has saved some for seed, which he has arranged to fire dry.

Mr. Arthur Wagner, Haven.—Mr. Wagner has a farm of 100 acres of clay loam soil, of which 90 acres are under a high state of cultivation. His facilities for handling seed grain are of the best. Mr. Wagner is fully equipped with a good seed house and graders, and has arranged a room where he has stored and fire dried about 75 bu. of choice Golden Glow and No. 7 corn. Mr. Wagner has grown both varieties with most satisfactory results, the Golden Glow mostly for seed, and the No. 7 mostly for silage, but it also matures well. He is also growing Oderbrucker barley and Swedish oats, and both varieties seem to be well adapted to his soil, the yield is always satisfactory and the quality of the grain is of the best.

REPORT OF MONROE COUNTY FARM INSPECTOR.

G. A. FREEMAN, SPARTA.

Fellow Members of the Experiment Association.—The season of 1909 was somewhat disappointing to seed growers in some sections, as hail storms, drought and early frosts did much damage, and failure to obtain good farm help prevented many from getting their seed corn cured in quantities and conditions desired.

There is no question but that our next annual report will show a decided improvement in the general conditions, as many of the members are determined to "win out" in the fight against obnoxious weeds and in the production of the best seed grains, and thus maintain the reputation for Wisconsin as the greatest seed grain growing center in America. To this end plans for improving the quality and increasing the yield per acre, are being generally discussed in private by the members as well as at the meetings of local societies. While it is true that we have Canada thistles and quack grass, there need be no alarm as to their spread through seed grains sent out from these farms, as it is being closely guarded and in some cases Quack only appears in the orchard or fruit garden, where bundles of nursery stock wrapped in it were unpacked. Other cases under my personal knowledge had their origin in winter wheat straw bought from neighboring farms to be used as winter protection on strawberry fields. Intensive cultivation is here practiced and every visible vestige destroyed. In some cases where "Quack" is confined to a small patch only a few feet square, manuring is recommended to bring the root system near the surface and then cover with eight inches of sawdust which kills it completely. Others are practicing the late fall plowing and thorough and deep cultivation all the next spring, and then planting to potatoes about June 1.

Solution of the thistle problem lays in the farmer's success in getting lands so infested, seeded to alfalfa, which will completely eradicate them in two years. The most discouraging feature lies in the fact that owners of adjoining farms are sometimes wholly, or in part indifferent, and the thistle down is blown and wafted from higher lands on neighboring farms. "Quack" gains a foothold along ditches and surface drains.

The plan to have the farms inspected annually seems to have met with the unanimous approval of the members of the experiment association.

Everywhere was the inspector treated most cordially and hospitably and asked to repeat his visits.

The following data may be of interest to the members of the association:

Number farms inspected.....	27
Total acreage inspected.....	5,600
Total acreage under cultivation.....	3,258

Average acreage (total).....	208
Average acreage cultivated.....	121
Number members growing:	
Manshury Barley	2
Oderbrucker Barley	19
Swedish Select Oats	8
Regenerated Swedish Select Oats.....	1
Sixty day Oats.....	1
Silver King Corn.....	12
Winter Rye	1
Seed Potatoes	1
Treated grain with formaline.....	13
Treated grain with hot water (F).....	1
Treated potatoes with formaline.....	3
Sprayed potatoes with Bordeaux.....	3
Grow two varieties of barley.....	1
Grow two varieties of oats.....	1
Total amount of seed grain sold 1909, prior to inspection:	
Barley	1,425 bu.
Oats	620 bu.
Corn	211 bu.
Farms reported free from obnoxious weeds.....	10
Cases where quack grass is present.....	7
Canada thistles.....	5
Yellow dock	10
Wild oats	1
Cases where neighboring farmers are careful to destroy these obnoxious weed pests.....	14
Instances where some only are careful and some indifferent or all are indifferent.....	13
Available for 1910:	
Barley	1,140 bu.
Oats	1,415 bu.
Corn	110 bu.

DIVISION OF FARM CROPS.

PLAN OF WORK FOR THE COMING YEAR.

R. A. MOORE.

I desire the energy of the Experiment Association concentrated on the corn and barley work again the coming season. We are now at the threshold of success and any delay on our part would mean the losing of the vantage ground already obtained. The call from all over the country for seed grains grown by our Association leads me to see that the farmers are quick to perceive the importance of growing crops from select seeds instead of continuing the mongrel bred varieties. The favor so far obtained for select seed grains can only be continued by observing strict rules of honest practice.

If for any reason our seed crop should be damaged or contaminated with noxious weed seeds we should at once notify the Secretary and refrain from selling such seed. All seeds of questionable character should be fed on the farm or sold as feed, and not listed as seed grains.

Our work in establishing standard varieties of corn for Wisconsin should be continued and pushed with the utmost vigor. No longer should we encourage the scoop-shovel method of supplying seed corn, but insist that the only true way of furnishing seed corn is in the ear and that to be kiln-dried corn. No seedsman can advance a single argument of value for not selling seed corn in the ear. Where shelled corn is supplied the farmer for seed, the danger of mixing and getting an inferior grade of seed is too great to be safely advocated. The only true way of preparing seed corn for market is to fire dry it and then store safely in a room for shipment. All seed corn should be shipped in the ear for which the grower should receive ample returns for his extra labor. By adhering strictly to the above principle, we will be able to throw new life and vigor into the corn plant and lead the world in production per acre.

Our experiments for the coming year are outlined in our last report and members of the Association who desire carrying on

these experiments can be governed by these outlines and will be furnished report blanks in due time for the purpose of reporting the experiments.

We should bear in mind that whatever experiment is undertaken the Secretary should have knowledge of the same so as to be able to compile the data for publication.

In my travels throughout the state, I frequently visit members of the Association who are growing and testing seed grains, but do not think it necessary to make a report. The value and importance of the work is lost entirely to others if we neglect so important a duty. In order to be placed on the seed grower's list one must notify the Secretary of the kind and amount of seed, the price per bushel, a quart sample of the seed, and any other data that may be well for the Secretary to know.

The grower of pure bred seed grains should be a business man in the strictest sense and should have business cards and letter heads for business correspondence. These cards and letter heads should be modest, giving the name of the farm, the owner's name, the seed grains grown, and any specialties, put in practice upon the farm.

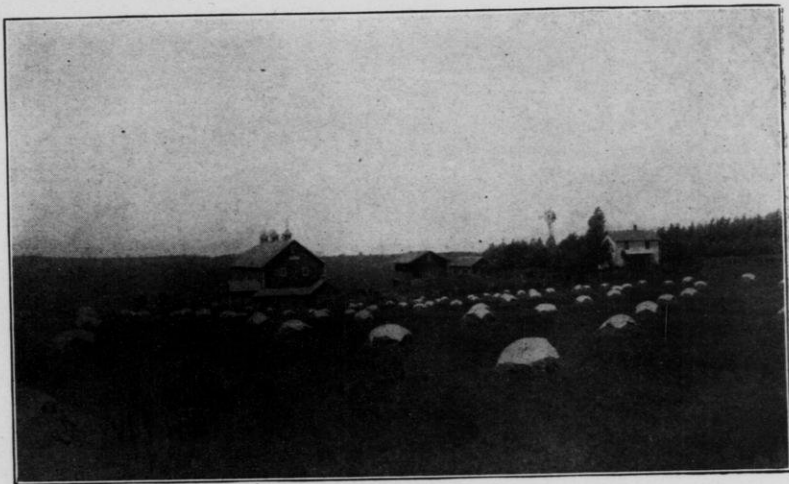
OUTLINE OF COOPERATIVE EXPERIMENTS.

EXPERIMENT 1.

Trials with Alfalfa to Determine if It Can be Grown in Wisconsin Successfully as a Forage Plant.

No forage plant has been given more attention in the United States during the past ten years than alfalfa, and while it is yet in the experimental stage in some parts of Wisconsin, where proper precautions are taken it can be grown with a reasonable degree of success on any of our older and well cultivated farms.

Wisconsin is a great dairy State and the milk products bring to our farmers annually some sixty million dollars. A considerable portion of this money is expended for high protein



RESIDENCE AND STOCK BARNs ON THE WAELTI DAIRY FARM.
Alfalfa in the Foreground.



THE WAELTI DAIRY FARM.

Owned and operated by John Waelti, Monroe, Green county.

This farm was purchased by its present owner in 1903 and since has been operated as a dairy farm. Mr. Waelti is one of the most successful alfalfa growers in the State and now has 75 acres into this great forage crop from which he received four cuttings last year. The dairy herd is composed of 55 individuals and the milk supply is disposed of at the condensing factory at Monroe for which the highest market price is obtained. Mr. Waelti compelled the Farmers' Course at the College and is an active member of the Experiment Association in which he takes a deep interest.



feeds, as oil meal, oil cake, cotton seed meal, bran, etc., with which to balance the feed ration. The cost and the time expended in carting the feeds make them expensive for the farmer and take from him a large portion of that which would otherwise be profit.

Alfalfa supplies the dairymen and stockmen with valuable forage and saves for them a large part of the money annually expended for high protein feeds. The value of alfalfa as a feed for all farm animals including swine and poultry, is so well known that it is unnecessary to speak of its merits here. No single forage plant combines the materials for a profitable ration for dairy cows, sheep, and brood sows so well as does alfalfa.

For eight years alfalfa has been grown successfully on the Station Farm near Madison, and many tests made to determine the best method of growing it under different conditions of soil and climate. When grown in comparison with red clover, timothy, and brome grass during the season of 1904, the yield per acre of hay was 5.4 tons for alfalfa, 2.5 tons for clover, 2.3 tons for timothy and 1.3 tons for brome grass. As a green forage the weight of alfalfa grown per acre was double that of clover, three times that of timothy, and five times that of brome grass. The per cent of protein found in the hay was as follows: 18.7 for alfalfa, 13.28 for clover, 4.74 for timothy, and 6.07 for brome grass. In total yield of protein per acre alfalfa produced three times that of clover, nine times that of timothy and twelve times that of brome grass.

Alfalfa or lucerne is a perennial plant and belongs to the clover family. If not killed by frost, water or some other element, it can be cut the second year after sowing three or four times per season for hay, for several years without re-seeding.

Locating the field.—Good growths of alfalfa are often secured in favorable seasons on level land, but better results will be obtained on land that is somewhat sloping, where water will not stand during any portion of the year. On level ground during sleet storms, water is apt to collect in all the depressions, forming on freezing an ice sheet which smothers many of the alfalfa plants. "Patchy fields" are hard to renew and generally necessitate replowing and reseedling. In no case should alfalfa be sown on land that is subject to overflow or

where the water level is but two or three feet below the surface.

Character of the soil.—Alfalfa will grow on a wide variation of soil ranging from a rich sandy loam to a heavy clay, but a rich clay loam over a gravelly sub-soil seems to be best. It is practically useless to try to grow alfalfa on sandy or "worn out" soils without an abundant supply of good barnyard manure. Alfalfa will not do well on new and unsubdued soil, but develops best on the well cultivated soils.

Soil inoculation.—On fields that have not before grown alfalfa the germs necessary for its best growth are usually wanting. Where such conditions prevail it is well to scatter soil, taken from an old alfalfa field or from the roadside where sweet clover grows, at the rate of one ton per acre. The ground should be scattered over the field just previous to sowing the alfalfa seed and should be immediately harrowed.

An excellent plan for supplying the soil with the proper germs is to use a mixture of one-fourth alfalfa seed and three-fourths clover seed for general seeding. The clover hay will be of a better grade where alfalfa is grown in connection therewith. The alfalfa plants that survive become bacteria producers and distributors for future crops of alfalfa.

Some seedsmen have advertised cultures of organisms for inoculating alfalfa seed previous to seeding. The data obtained from experiments indicate that they are of little value and that much more certain results can be secured by the use of the infected soil.

Soil preparation.—Good results have been obtained on both fall and spring plowed lands, depending upon the texture of the soil and freedom from weeds. With fall plowing it is well to plow early so as to cover the weeds before they produce seed. Double disc in the spring as soon as the land works well, and put in garden condition with a fine tooth harrow. The ground should be heavily spread with barnyard manure before plowing, using from ten to twenty tons per acre. If seeding is done on spring plowed land, the ground should be heavily manured during the winter and plowed in the spring. The fine tooth harrow should be used within a few hours after the furrows are turned to prevent drying and hardening of the soil. If the soil once becomes lumpy it is hard to put in proper condition for alfalfa seeding. A planker or roller should be

used immediately before and after seeding, which aids much in firming the soil to permit rapid germination of the seed.

Nurse crop.—Where ground is exceedingly weedy, it is preferable to use a nurse crop as it assists the alfalfa to keep down the weeds until it becomes established. When alfalfa is sown with a nurse crop the seed should be put into the ground as early as it is advisable to sow oats or barley. Barley sown three pecks per acre has given best results as a nurse crop, and can usually be left to ripen without apparent injury to the alfalfa. If oats are used do not exceed one bushel of seed per acre, and if the season is dry cut the oats for hay at the time of heading.

Land on which tobacco, sugar beets, or any highly cultivated crop has been grown the preceding year can be seeded to alfalfa without a nurse crop with the best chances of getting a good, thick stand. Where alfalfa is seeded without a nurse crop the ground should be cultivated with a disc and a fine tooth harrow until June 1. Weeds will then have been quite thoroughly killed and the ground will be in fine condition to sprout the alfalfa seeds in the shortest possible time. Where a nurse crop is not used, a cutting of alfalfa can usually be secured by September 1, the same season of sowing. On excellent method of getting a good stand of alfalfa is to manure the ground heavily in the fall and plow. As soon in the spring as the land works well disc and drag at intervals until June 1st. The discing and dragging not only put the ground in good tilth but aid in the sprouting and killing of weeds. Sow twenty pounds of good alfalfa seed per acre and drag once after sowing with fine tooth harrow. After nine years' experience with alfalfa on the station farm and elsewhere we are firmly convinced that sowing alfalfa without a nurse crop about June 1, after going through a weed killing process is the best method to pursue to secure a good catch which will last several years.

REPORT BLANK, EXPERIMENT 1.

Best Method of Getting a Stand of Alfalfa and Testing the Relative Value of Soil Inoculation and Sowing with and without a Nurse Crop.

- Name of experimenter.....
 P. O.....; County.....; State.....
 1. Date of sowing oats or barley and alfalfa.....
 2. What variety of alfalfa used?.....
 3. Nature of soil?.....

4. How prepared?.....
5. When were the alfalfa plants first noticeable?.....
6. Was the grain crop left to ripen?.....
7. Did you secure a good thick stand of alfalfa?.....
8. At what rate did you sow the alfalfa seed per acre?.....
9. At what rate did you sow the oats or barley per acre?.....
10. At what time did you sow the alfalfa seed without a nurse crop?.....
11. Which seems preferable, sowing with or without a nurse crop?.....
12. Did you examine the roots of the plants on both sections of the field for the bacteria-laden nodules?.....
13. Were any nodules found?.....
14. Were the nodules as plentiful on the roots of the plants growing on that portion of the field that was not inoculated as where the ground was scattered?.....
15. Could you detect any difference in the growth of the alfalfa?.....
16. Date of making this report?.....
17. Give in a brief way your opinion on growing alfalfa in Wisconsin, and the benefit, if any, from the inoculation of the soil.

EXPERIMENT 1. A.

Alfalfa after First Year's Seeding.

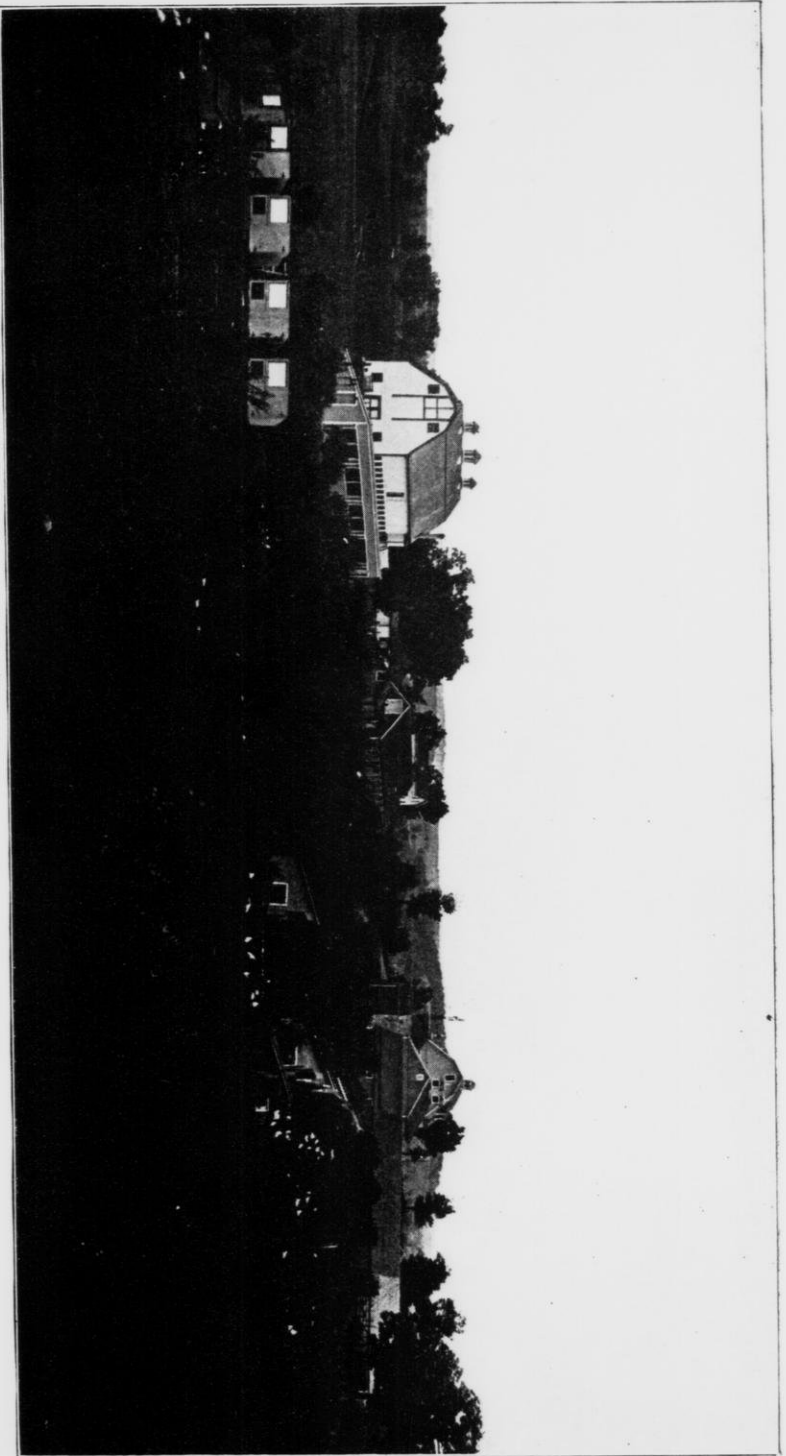
Through the encouragement of the Experiment Association many of its membership sowed in past years from one to two acres of alfalfa. The Association is desirous to learn the success of those who have sown alfalfa previous to 1909 and will send blanks and return envelope to any one who will agree to send in report.

REPORT BLANK, EXPERIMENT 1. A.

Report of Alfalfa after First Year's Seeding.

To be sent to the secretary by October 1, 1910.

- Name of experimenter.....
 Post Office.....; County.....; State.....
1. Year and season alfalfa was sown.....
 2. Was the alfalfa sown with or without nurse crop?.....
 3. Variety of alfalfa seed used.....
 4. Amount of seed per acre.....
 5. Was the crop cut for hay the year of sowing?.....
 6. If so, the amount obtained per acre.....
 7. Nature of the soil.....
 (Clay, muck, highland, lowland, etc.)
 8. Was good stand noticeable before the fall frosts?.....
 9. What per cent, if any, winter killed?..... per cent.
 10. How many cuttings did you get the year after seeding?.....



BROOK HILL FARM.

Howard Green, owner, David Williams, superintendent, Genesee Depot, Waukesha county, upon it found in America. We think this is one of the finest, up to date Guernsey farms in the state and has some of the best individual animals bred Guernsey cattle and while rock chickens are specialties upon the farm. Pure bred grains are grown generally upon the place and special attention is paid to growing alfalfa for the dairy herd. The Superintendent, Mr. Williams, is a graduate from the Short Course in Agriculture and a member of the Experiment Association in which he has always manifested a deep interest; his wide experience with dairy cattle and conscientious work has made him a leader in his chosen occupation.



11. Weight of hay from all cuttings for the season—
 (actual) (estimated)
 12. Did you experience any difficulty in curing the crop for hay?.....
 13. Did you use hay caps?.....
 14. Did the plants develop the proper nodules on their roots?.....
 15. Was the ground on which the alfalfa was sown inoculated with
 alfalfa or sweet clover soil?.....
 16. Date of making this report.....
- Please give in brief your method of growing alfalfa and your views
 as to its value as a forage plant for Wisconsin.

EXPERIMENT NO. 2.

Wisconsin Seed Corn—Ten Ear Test.

Considerable has been done the past eight years in Wisconsin in the way of breeding good seed corn and taking care of the season's crop.

We feel that by judicious selection of seed and proper curing of the same, farmers of the state can increase the yield from ten to twenty-five bushels per acre. We know that members of the Experiment Association can do much good for the communities in which they reside by growing choice varieties of corn. Due care must be exercised in planting, cultivating the soil, harvesting and curing the crop as well as rigid selection of the seed. No matter how good the seed if planted on weedy or poor worn-out soil and not properly cared for we can not expect a good crop.

We expect to see great strides made in the improvement of corn within the next few years and may not the Wisconsin Experiment Association be the factor to bring this improvement about?

Twenty-five ears of corn are given to each member who desires to assist in corn improvement only 10 ears of which will be used in the experiment proper. The corn from each ear is to be planted in a separate row.

Use the ear with the least number of kernels first. Plant in hills three and one-half feet apart in the row and the same distance between the rows. The corn left from the different ears after planting individual rows can be mixed with the corn shelled from the remaining 15 ears and planted in close proximity.

Plant at least forty rods from any other corn, a greater distance, if convenient. Avoid having a field of corn near the west or south of the plot as the prevailing wind during the pollenizing season is from that direction and the corn is liable to cross.

REPORT BLANK No. 2.

Wisconsin Seed Corn—Ten Ear Test.

- Name of experimenter.....
- Post Office.....; County.....; State.....
- 1. Variety of corn planted.....
- 2. Where was seed secured?.....
- 3. Germinating test per cent.....
- 4. Date of planting.....
- 5. Nature of soil.....
- 6. Fall or spring plowed.....
- 7. Following what crop?.....
- 8. How planted?.....
- 9. When first noticeable above ground?.....
- 10. Did corn germinate evenly?.....
- 11. Give number of times and method of cultivation?.....
- 12. Did corn mature well?.....
- 13. Total number of stalks in each row.....
- 14. Number of barren stalks in each row.....
- 15. How harvested?.....
- 16. Yield per acre, actual.....; estimated.....
- 17. Yield per acre, any other variety, actual.....
estimated.....
- 18. Compare yield with home variety of corn if possible.
- 19. The yield should be determined on the shelled corn basis, two bushels of ears being considered one bushel of shelled corn.

REPORT BLANK.—EXPERIMENT No. 2.

Wisconsin No. 7 Corn.

- Name of experimenter.....
- Post Office.....; County.....; State.....
- 1. Where was seed secured?.....
- 2. Germinating test, per cent..... Date of planting.....
- 3. Nature of soil.....
- 4. Fall or spring plowed?.....
- 5. Following what crop?.....
- 6. How planted?.....
- 7. When first noticeable above ground?.....
- 8. Did corn germinate evenly?.....
- 9. Give number of times and method of cultivation.....
- 10. Did corn mature well?.....
- 11. Did corn smut badly? Approximate amount of smut.....



THE GOODLAND STOCK AND GRAIN FARM.

J. M. Wagner, Proprietor, Union Center, Wisconsin.

The Goodland Farm consists of 120 acres of high grade soil and is rapidly becoming known far and near as a farm noted for pure bred grains and stock. One of the chief lines of effort is dairying and a fine herd of 35 registered Holsteins are already upon the place. Poland China hogs and White Wyandotte poultry receive marked attention. Of the pure bred seed grains grown Swedish Select oats, Oderbrucker barley and Silver King corn are the leaders and have been widely disseminated by Mr. Wagner in his neighborhood.

Mr. Wagner completed the Short Course in Agriculture in 1898 and immediately returned to the farm to put in practice better methods of agriculture. His farm is now regarded as one of the best in southern Wisconsin and has become a stock and seed grain center where farmers can secure a foundation supply of pure bred animals or grains. Mr. Wagner is a member of the Experiment Association in which he has always taken a deep interest.



The Goodland Farm Residence, Home of J. M. Wagner.



12. What per cent of barren stalks was noticeable?.....
 To find per cent of barren stalks, count the whole number of barren and fruitful stalks present in a definite number of hills and divide the number representing the barren stalks by the number representing the whole number of stalks. Counts can be made in four or five places in the field and averaged.
13. How harvested?.....
14. How many acres harvested?.....
15. Yield per acre, actual.....; estimated.....
16. Yield per acre best other variety, actual.....; estimated
17. Compare yield with home variety of corn if possible. The yield should be determined on the shelled corn basis, two bushels of ears being considered one bushel of corn.
18. How many bushels of fire-dried corn in the ear will you have to sell for seed?.....
 Give brief description of what you think of the No. 7 corn.

REPORT BLANK.—EXPERIMENT NO. 2.

Wisconsin No. 12 Corn.

- Name of experimenter.....
 Post Office.....; County.....; State.....
1. Where was seed secured?.....
 2. Germinating test, per cent.....Date of planting.....
 3. Nature of soil.....
 4. Fall or spring plowed?.....
 5. Following what crop?.....
 6. How planted?.....
 7. When first noticeable above ground?.....
 8. Did corn germinate evenly?.....
 9. Give number of times and method of cultivation.....
 10. Did corn mature well?.....
 11. Did corn smut badly? Approximate amount of smut.....
 12. What per cent of barren stalks was noticeable?.....
 To find per cent of barren stalks, count the whole number of barren and fruitful stalks present in a definite number of hills and divide the number representing the barren stalks by the number representing the whole number of stalks. Counts can be made in four or five places in the field and averaged.
 13. How harvested?.....
 14. How many acres harvested?.....
 15. Yield per acre, actual.....; estimated.....
 16. Yield per acre best other variety, actual.....; estimated
 17. Compare yield with home variety of corn if possible. The yield should be determined on the shelled corn basis, two bushels of ears being considered one bushel of corn.
 18. How many bushels of fire-dried corn in the ear will you have to sell for seed?.....
 Give brief description of what you think of the No. 12 corn.

EXPERIMENT No. 3.

Treating Seed Oats to Prevent Smut.

Smut affecting oats is prevalent in all parts of this and adjoining states.

Method of Treating Seed Oats for the Prevention of Smut.—

The method that has proven to be the most effective during the past nine years, and that now generally used by the farmers of the state, is the formaldehyde method. If the desire is to treat one hundred bushels of seed oats, purchase at least four pints of formaldehyde from your druggist, and make up the solution by pouring one pint of the formaldehyde into thirty-six gallons of water. Put the solution in barrels or in a tank and submerge the sacks of seed oats in the solution at least ten minutes. It is preferable to leave the sacks about two-thirds full as the solution will then come in contact with each individual grain. Raise the sacks of oats from the solution and let them drain for a minute or two, in order to save solution, and then empty on a threshing floor, platform, or on a canvas to dry. Do not spread out immediately, but let the oats remain in a heap for two hours after treating. If the wet sacks or a canvas is spread over the pile of oats after treating it will prevent the rapid escape of the formaldehyde gas and make the treatment more effective. After the expiration of two or three hours the oats may be spread out and shoveled over at intervals, to facilitate drying.

It is the desire of the Association to know the effectiveness of this treatment by many observers, and to publish determinations in the next annual report.

Where smut has been noticeable in the oats the previous year all seed should be treated to prevent a re-occurrence.

For the following experiment it will be necessary to treat about three bushels, sufficient to sow an acre, in accordance with plan outlined in its instructions.

Experiment.—1. Take three bushels, or the usual allowance for seeding one acre, that were threshed from a field that was worse affected with smut the past season, and treat as stated in directions.

If the experimenter has no oats, he probably can obtain some from a neighbor whose grain has been affected with oat smut.

2. Take the same quantity from the same lot of oats and do not treat.

3. Sow both quantities on adjoining plots of one acre each. Be sure to have a distinct separation from the plot sown with the oats treated and that on which the oats are not treated.

4. After the oats are headed take an ordinary barrel hoop and make several counts on the plot where oats were treated and on the plot where oats were not treated. This can be done by placing a hoop over the oats and counting all the heads within the circle and then note the number affected with smut thus getting data to determine the percentage.

REPORT BLANK, EXPERIMENT NO. 3.

Treating Seed Oats to Prevent Smut.

- Name of experimenter.....
 P. O.....; County.....; State.....
1. Did you treat oats according to directions?.....
 2. How much treated for the experiment?.....
 Size of plot.....
 3. How much was sown on experiment that was not treated?
 Size of plot.....
 4. Did you treat your seed that was sown for general purposes?..

 1. Date of sowing seed not treated.....
 2. Date when smut was first noticeable.....
 3. When were oats cut?.....
 5. Did you make several counts after the oats were headed using the hoop in the manner suggested?.....
 6. What per cent of oats were affected with smut on plot where seeds were treated to prevent smut?.....
 7. What per cent of oats were affected on plot where seed was not treated?
 8. Per cent saved by treatment.....

The data obtained by counting the heads within the circle of a hoop that are affected and those not affected is a fairly accurate method of arriving at the percentage of oats affected with smut.

EXPERIMENT NO. 4.

Tests with Swedish Select Oats.

The Swedish Select oats (Wis. No. 4) through several years' tests have proven to be satisfactory on the high well drained lands and on the poorer grades of soil in Wisconsin. On rich loose prairie soils the oats are such rank growers that they often lodge. The desire is now to have them grown as extensively as possible by members of the Association so that the variety will be in reach of all farmers.

In order to be placed on the list of seed growers it will be necessary to comply with certain conditions:

1. All seed oats must be treated for the prevention of smut previous to sowing that were at all affected the year previous.
2. Must be sown on land that is free from Canada thistles, mustard or quack grass.
3. If possible a comparison with another variety of oats should be made.
4. All oats shipped for seed purposes must be well cleaned with fanning mill or grain grader and have the following information on tag: Name of seedsman, purity of seed, foreign matter, germination of seed and obnoxious weed seeds.
5. A report must be sent to the Secretary immediately after threshing.

REPORT BLANK, EXPERIMENT NO. 4.

Swedish Select Oats.

- Name of experimenter.....
 P. O.....; County.....; State.....
1. Date of sowing
 2. Amount of seed sown.....
 3. Amount of land covered (approximately).....
 4. Nature of soil?.....
 5. Fall or spring plowed?.....
 6. Sown with seeder or drill?.....
 7. Were heads of any other grain noticeable within the plot on which the oats were sown?.....
 8. Were they removed?.....
 9. Did the oats stand up well?.....
 10. Did you treat the seed for the prevention of smut?.....
 11. Did you notice any smut?.....



SWEDISH SELECT (WISCONSIN NO. 4) OATS ON THE LAMB DAIRY FARM.

Yield season of 1909, 65 bu. per acre.



LAMB DAIRY FARM.

Thiers and Campbell, Proprietors, Kenosha, Kenosha Co.

This farm of 206 acres is one of the finest in southeastern Wisconsin and is rapidly becoming noted for the production of pure bred seed grains. Odebrucker barley, Swedish Select oats and Silver King corn receive special attention. All grains raised that are not strictly high grade seed are fed upon the farm.

Dairying is the chief specialty and milk and cream are furnished the city of Kenosha from a high grade Guernsey herd.

Mr. Thiers has attended the College of Agriculture and is a member of the Experiment Association in which he takes a deep interest.



12. How much?.....
13. Was the ground on which oats were sown free from Canada thistles, mustard and quack grass?.....
14. Did oats rust?.....
15. When were oats cut?.....
16. Yield per acre of Swedish Select oats.....
17. Yield per acre of any other variety of oats grown.....
18. How many of the Swedish oats on hand do you intend to sell for seed oats?.....
19. Please give a brief description of what you think of the Swedish Select oats.

BARLEY.

BREEDING OF THE WISCONSIN PEDIGREED VARIETIES.

The State of Wisconsin grows approximately thirty million bushels of barley annually, a part of which is sold upon the market as a ready money crop, either for feeding or malting purposes. Many varieties of barley of poor grade and quality have been grown by our farmers. The Experiment Station has put forth much effort to correct the evil wrought by growing so many scrub varieties of barley. This has been accomplished by disseminating the select strains of barley bred by the Station. The Oderbrucker and Manshury seemed to respond most readily to the attention given them and soon led other varieties in yield and other desirable characteristics. These two varieties are now most generally grown throughout Wisconsin, and constitute at least three-fourths of the barley crop. The Manshury barley (Wisconsin No. 62) was developed from the old Manshury formerly introduced by the College, but which had become mixed to such an extent that many of its most valuable characteristics had become almost extinct.

The Oderbrucker barley (Wisconsin No. 55) is an improved variety developed from seed secured from the Guelph, Ontario College in 1899. For stiffness of straw, plumpness and quality of kernel, little difference can be noted between the select Oderbrucker and the Manshury barleys but in a five year test in which over five hundred members of the Experiment Association took part, the Oderbrucker outyielded the Manshury five bushels per acre. Oderbrucker barley centres have been established and encouraged in the barley growing districts, so it is

now possible to find whole communities growing the Oderbrucker barley to the exclusion of other varieties. It is our earnest desire that freak barleys be discarded and the energy of our farmers concentrated on the growing of not more than two good varieties. Our farmers cannot afford to grow scrub barley any more than they can afford to breed scrub cattle, sheep or swine.

Pedigreed barleys.—In 1902 the Hays method of cereal breeding was adopted by the Agronomy department of this Station as being more exact and preferable to the selection method used prior to that date. Under the Hays system two thousand kernels or over of grain are taken from some select stock and planted with special machinery so that the kernels will be an equal distance apart. After careful study the grain from the best twenty plants is selected and put into envelopes, weighed and the ten heaviest retained as seed for the following year's crop. The second step is to take one hundred of the seeds retained from each envelope and plant in separate beds, known as centgener plots, each plot being planted from the progeny of a single seed of the previous year. The best heads are selected from the best plants of each centgener plot and are retained for the next year's centgeners. The work is repeated the next year, and the following year the best six centgener plots are selected and the seed saved for trial plots. One year in the trial plots may reduce the number of varieties to four or even less, to be continued in the increase plots until such time as sufficient seed is secured for dissemination.

EXPERIMENT No. 5.

Test With Wisconsin Pedigree Barley.

The Wisconsin pedigree barleys were developed by twelve consecutive years breeding work put upon the Oderbrucker, Manshury, Golden Queen and Silver King, as foundation stock. The pedigree barleys are heavier yielders, more uniform in character and more perfect in development than the barleys from which they were bred. The Station and the Experiment Association are desirous of having these pedigreed strains of barley tested by a large number of members over a wide range of territory,

so as to determine if some strains are more suitable for Wisconsin conditions than others before a general distribution is made.

Every member receiving barley should be particular in recording the *pedigree number* so that no mistake will be made as to the identity of the barley when the time arrives to make the report.

Blanks for making the reports will be sent to the grower in due time.

REPORT BLANK, EXPERIMENT No. 5.

Pedigree Barley.

Wisconsin No. —

- Name of experimenter.....
- P. O.....; County.....; State.....
1. Date of sowing.....
 2. Amount of seed sown.....
 3. Amount of ground covered (approximately).....
(As near as possible try to cover $\frac{3}{4}$ of an acre with seed obtained.)
 4. Try and compare with some other variety.
 5. Nature of soil?.....
 6. Fall or spring plowed?.....
 7. Sown with drill or seeder?.....
 8. Following what crop in rotation?.....
 9. Were heads of any other grain noticeable within the plot on which barley was sown?.....
 10. Were they removed?.....
 11. Did the barley stand up well?.....
 12. Was the ground on which the barley was sown free from Canada thistles, mustard, and quack grass?.....
 13. Did the barley rust?.....
 14. Was any smut noticeable?.....
 15. When was barley cut?.....
 16. Yield per acre of Pedigree Barley.....
 17. Yield per acre of any other variety of barley grown.....
 18. May we put you on the seed growers' list?.....
 19. Please give a brief description of what you think of the pedigree barley.

EXPERIMENT NO. 6.

Soy Beans.

The soy bean was probably introduced into the United States from Japan about fifty years ago and has been cultivated with success in the southern states. In Japan and China it is used extensively as a human food, but in this country it is grown for the seed, as a forage plant, and a soil renovator. As a forage its use as a soiling crop is becoming recognized by stockmen and dairymen, as it withstands the drought exceptionally well and will give a good cutting of green forage at the time when other feeds are shriveled and wilted. Soy beans of the late variety gave a cutting of 9.9 tons green forage per acre at the Wisconsin Experiment Farm in 1900 and yielded thirty-eight bushels of seed per acre in 1902, and forty bushels per acre in 1903. It makes an excellent hay, and at the Kansas Station a yield of about three tons of cured hay per acre was secured.

Like the clover the soy bean is a nitrogen gatherer and enriches the soil on which it is grown. It is said to grow on soil quite low in fertility, but a mellow, fairly rich soil is preferable. It requires a well drained porous soil; in no case should the seed be sown on low ground that is saturated with water during most of the growing period or on a heavy clay soil that is inclined to bake.

When sown for hay or a soiling crop, a drill or broadcast seeder can be used to advantage. If sown for seed, use a corn or bean planter and sow in drills about thirty inches apart and about three inches apart in the drill. When planted in drills as described, two or three pecks of seed per acre should be used.

Soy beans should not be planted while the ground is cold; immediately after corn planting is a favorable time.

Sow in accordance with suggestions above given, for growing soy beans for seed, one-tenth of an acre.

When desired for hay, soy beans should be cut when the pods are partly developed. Try a few square rods sown broadcast for a soiling crop and for hay. When grown for seed they should be harvested and threshed as our common variety of beans and put into a large open bin and shoveled over frequently to prevent heating.

If you have a silo try soy beans with corn. Plant in drills with the corn planter using one-third soy beans and two-thirds corn mixed. When planting with corn for the silo use the Medium Green variety as this variety is noted for its great leaf development. No difficulty will be experienced cutting the soy beans with the corn harvester at the time of harvesting corn. For pasture, hay or seed the Ito San variety will give excellent satisfaction and will usually ripen before the fall frosts.

Secure a sack of bacteria-laden soil from the Experiment Station and scatter on a portion of the field that you desire to plant to soy beans, and note the development of nodules. The roots of the soy bean plants growing on that part of the field add much fertility to the soil. When a few square rods of ground are inoculated and soy beans are grown thereon, henceforth ground can always be secured from this source of supply to scatter on other fields where the desire is to have the nodules develop.

REPORT BLANK, EXPERIMENT No. 6.

Soy Beans.

- Name of experimenter.....
 P. O.....; County.....; State.....
1. Date of planting soy beans.....
 2. Character of soil.....
 3. What crop had been grown the previous year?.....
 4. Was the land used, fall or spring plowed?.....
 5. Give your method of planting.....
 6. How long after planting were beans first noticeable?.....
 7. Give your method of cultivation.....
 8. Did you try a few square rods for forage?.....
 9. How many pounds of green forage did you cut from a square rod?
 10. How many pounds of cured hay did you get from a square rod?
 11. Did the stock eat the green and cured forage readily?.....
 12. What kind of stock did you feed it to?.....
 13. Did the beans left for seed ripen evenly?.....
 14. Date of harvesting?.....
 15. Manner of harvesting?.....
 16. Method of threshing.....
 17. Yield per acre of marketable beans.....
 18. Did you use any bacteria-laden soil for inoculation purposes?.....
 19. Were nodules noticeable on the roots of the soy beans at any time during the growing period where such soil was used?....
 20. Were they noticeable where the soil was not used?.....
 21. Date of sending report.....
 22. Give in a general way your opinion of soy beans as a seed and forage plant for Wisconsin.

EXPERIMENT NO. 7.

Field Beans.

No one important crop receives so little attention in Wisconsin as field beans. Annually the U. S. imports over three million bushels from Bulgaria and Austria and we pay a duty of forty-five cents per bushel on the same. Why not raise the needed quantity of beans in Wisconsin? Our lighter soils are admirably adapted to bean raising, and if farmers would plant such soils to beans instead of trying to raise cereal crops, their net return would be much greater.

Beans are a good money crop to put on the market as the price is generally above two dollars per bushel. With the up-to-date bean machinery and with the growing and planting of improved varieties there is no reason why Wisconsin should not lead all states in America in bean production.

REPORT BLANK, EXPERIMENT NO. 7.

Field Beans.

- Name of experimenter.....
 P. O.....; County.....; State.....
1. Date of planting beans.....
 2. Nature of soil.....
 3. How prepared?.....
 4. How were the beans planted?.....
 5. How many times were the beans cultivated?.....
 6. How harvested and threshed?.....
 7. Were they in any way injured by insect enemies or fungus diseases?
 8. Yield in bushels, per acre.....

DIVISION OF AGRICULTURAL EXTENSION.

WHAT MEMBERS OF THE EXPERIMENT ASSOCIATION
MAY DO TO AID AGRICULTURAL EXTENSION.

K. L. HATCH.

The members of this association are, in a way, pioneers in the extension movement. It is they who have co-operated so nobly with the Agronomy Department of this College in securing the dissemination of pure bred grains. It is they who have become leaders in their respective communities by demonstrating the value of improved methods of agriculture. It is they who have contributed largely to the effort that has raised Wisconsin to the highest rank among seed growing states. New opportunities are now open to them along three distinct lines.

In the first place they should become active in the organization of county orders of the Experiment Association. Each county should be organized for the further development of the pure-bred seed growing industry and "it's up to you" to do it. They should not confine their attention, however, to seed growing but should co-operate for the improvement of live stock by becoming active in the organization of breeders' associations.

The political and industrial world has made rapid strides in advance through organization and farmers should realize the fact that if they are to keep pace with this forward movement they too must organize. A club where farmers get together and talk over their problems should be found in every community. The club program should embody four features: a social feature, since man is essentially a social being and should not live to himself alone; a literary feature for the mutual improvement of the members along culture lines; a co-operative feature for the financial advantage that would accrue to the members by acting together—like buying or selling and obtaining wholesale rates or reducing expenses; and finally an educational feature so that after each meeting each member may feel himself a little better posted along the line of his own business.

Such a club in every farming community, meeting once or twice a month and carrying out successfully a program along the lines suggested, would have a great influence in uplifting agriculture, and the members of this association are the proper ones to take the initiative.

In the second place the members of this association may aid greatly in the movement to spread advanced agricultural knowledge through the medium of the public schools. This does not mean that immature girls in these schools are expected to teach your children how to farm. It does mean, however, that they are expected through their teaching of agriculture to emphasize its importance, to create a wholesome respect and love for farm life, and to check those influences which have been at work in the schools leading the best blood of the country away from the farm. If agriculture is not taught in your schools as the law provides, the members of this association should find out why. Is it too much for them to insist that no teacher should be employed until she has pledged herself to comply with the law in this respect?

The third thing which the members of this association may do to advance agriculture in their communities, and perhaps the one of most potent force and immediate results, is to secure for their counties an agricultural extension farmers' course. These courses are carried on as the law provides "at the county schools of agriculture and in other favorable localities." If your county has a school of agriculture you should co-operate with the principal in every possible way in making the annual Farmers' Course a success. You are the ones to get out a splendid show of fruit and vegetables and stock and grain. You may assist in advertising the meeting and securing the attendance of your less progressive neighbors, and upon you will devolve the work of organizing the farmers in such a way that the teachings of the course may be followed up with effective work.

Should there be no agricultural school in your county then by co-operating with the business men's association in the town where the Farmers' Course is to be held and enlisting the support of all members of the various farmers' organizations, it is possible for you to secure a Farmers' Course for your county even though it should have no agricultural school. The law quoted above specifies "other favorable localities" and if you can demonstrate to the satisfaction of the college authorities

that yours is a "favorable locality, then you, too, may secure a Farmers' Course.

It is easy to follow, but hard to lead. In becoming members of this organization you have assumed the duties and responsibilities of leadership. "Forward" is the watchword of this great state. The movement is forward. Then, members of this association—"Forward"—"March."

DIVISION OF AGRICULTURAL ENGINEERING.

C. A. OCOCK.

The past year an effort was made to determine in a degree the number of silos in the several counties of the state, also a general idea of the number of barns containing a system of ventilation which would offer a more sanitary milk supply.

It seemed highly important that this information be secured and furnished to the members of the society since it is an encouragement to others to note the advancement in the work of the Association. If all were to exert an effort in this furtherance of knowledge there would be much encouragement and inspiration for a greater work. Without assistance from all the members this work can not be carried on in a satisfactory manner, and it is earnestly hoped that further efforts in this work will be given more careful consideration and that results will be forth-coming with which the Association will be highly satisfied.

The reports received were very complete and those who spent their time in preparing these should be commended upon the excellent data furnished. The unsatisfactory part of securing such information is the fact that so few report after blanks have been sent to them. There were one thousand letters sent out with return envelopes. From these there were one hundred and seventy-five returned, with one hundred and sixty-one reporting. It can be readily seen that this is not a successful report. There were several counties into which these letters were sent which never gave a single report. These were counties of importance and should have given some excellent returns.

The high price of feed stuffs is creating a demand for the erection of silos, and since many farmers desire concrete silos this department is furnishing blue print plans showing how to build the forms. There are also illustrations showing how to reinforce the walls and to place the door frames, and any one in the Association wishing these plans may secure them by addressing a letter or card to the department, stating that he is a member of this Association.

BARN PLANS.

The past year has been one in which a large number of farm barns have been built, and from every indication the coming year will see a larger number constructed. In the planning and construction of a barn one should try to incorporate the most up-to-date principles. A large number of plans have been sent to members of this Association as well as to many others in the state. To those residing outside of the state, unless members or past members of the Association, we find it necessary to make a small charge in order to cover cost of printing and postage.

These barns are plank frame, one general plan being sent out known as the Model barn. They were designed to meet the needs of a farm of one hundred and twenty acres, but may be modified to meet the requirements of the farm on which they are built. Anyone interested should state the preference as to whether heads or tails together, as plans have been prepared for the position in which they wish the rows of cows to stand, both.

DIVISION OF AGRICULTURAL CHEMISTRY.

E. B. HART.

One of the functions of this department is to emphasize by lectures and demonstrations the best methods of conserving farm manure. The immense loss of plant food and the actual decrease in money value and crop returns which result from careless handling of manure is a factor in profitable, successful and continuous farming in Wisconsin. More attention should be given to the care of this product. Comparative experiments with manure exposed for three to four months of weather conditions and fresh manure should be made. A flat area of uniform soil and of about 3/8 of an acre should be chosen and divided into three plots of equal size. It would be better to secure an area that has not received manure for some years and plans made to continue the experimental plots for at least six years, manuring every third year in the manner described. To one plot apply in December, one ton of fresh manure and spread uniformly. At the same time place one ton of the same manure in a loose pile in the open barn yard. This is left until just previous to seeding or spring plowing and then apply to plot 2. Plot 3 is left as a blank. If the manure is from several classes of farm animals it should be well mixed in order that both applications are of the same character. Plots 60 x 90.7 feet have an area of 1/8 of an acre.

REPORT BLANK.

- Name of Experimenter.....
- Post Office
- County
- State
- Date
- 1. Size of experimental plot.....
- 2. Kind of soil, clay, loam, sand or peat.....
- 3. Is plot flat or rolling?
- 4. When were plots last manured?
- 5. What crops were harvested for the past five years?
- 6. What were the return from such crops?
- 7. Date of application of above parcels of manure.....
- 8. Kind of feed given animals at the time manure was collected and from what animals?
- 9. Applied as top dressing or plowed under.....
- 10. Weather conditions during exposure of manure.....
- 11. Yield of plots in pounds of straw, grain, hay, roots, as case may be

CORN CURING HOUSE.

HENRY MICHELS, Malone.

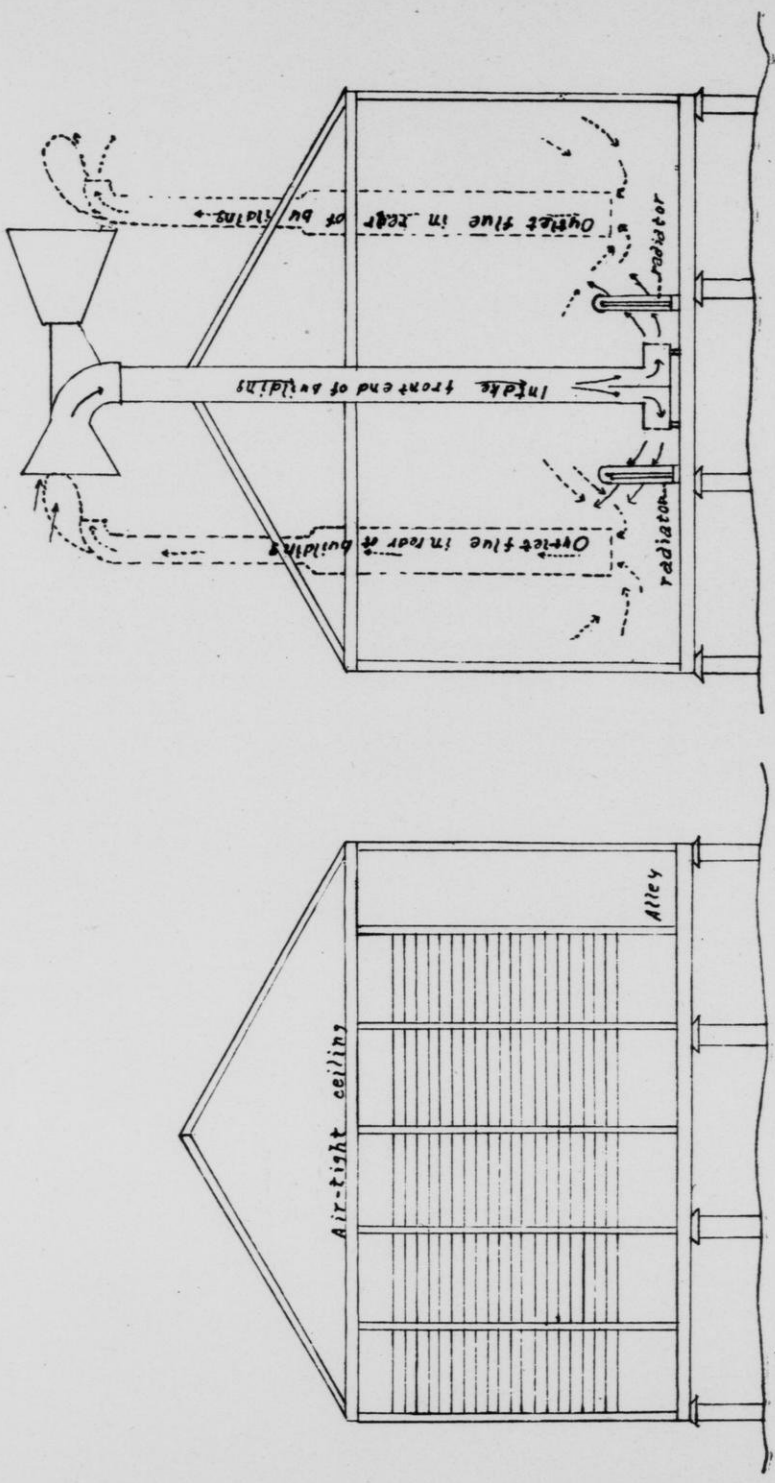
General description.—The three important things which were taken into consideration in planning this building were:

1. Ventilation.
2. Heat.
3. Convenience.

The first is secured by means of windows and ventilators. Twelve windows and three doors allow a very free circulation of air through the entire building to partly dry the corn before artificial heat is used. After the corn has been on the racks a week or 10 days all doors and windows are closed and the air-tight construction of the building absolutely prevents the entry or exit of any air excepting through the ventilators especially constructed for this purpose. This results in a forced ventilation by means of which all air is heated by passing through the radiators before it can come in contact with the corn. Also no air can escape until it has passed through the corn and received its load of moisture.

The principle involved in securing the proper circulation is explained as follows: The large intake above the roof always faces the wind so there is always a strong current passing through it. This is forced through the flue to the floor of the building where the partition divides it into two currents going in opposite directions. Each is warmed by being forced through the steam radiators. Warm air tends to rise so the heated air will rise up through the corn and be carried back toward the rear of the building by the pressure of the fresh air being forced in. As the air nears the rear of the building it takes up more moisture, becomes heavier and sinks again through the corn taking up still more moisture as it descends. As it reaches the openings of the outlet flues which are in the rear of the building and 3 feet above the floor, the moisture-laden air is forced out by two forces, viz:—

1. The pressure of the fresh air coming in at the intake.
2. The suction of the warm air rising through the outlet flue into the free air. This suction is the same as that which pro-



SEED CORN CURING HOUSE.

duces a current in the outlet flue for the King system of ventilation which is almost universally used in stables.

The heating plant is located 8 feet from the main building. It contains a vertical steam boiler and a coal bin with a capacity of six tons.

The walls of the main building are double boarded with paper between, both boards being on the outside of the studding, leaving no hollow spaces to harbor mice.

The advantages of this building over the old type are as follows:

1. No matter what the direction of the wind there is always a circulation and its course is through the radiators and then through the corn. A back current is impossible.

2. The racks are of such construction that every ear is exposed to the drying currents. There are 20 racks placed one above the other, made by stretching, horizontally, 3-foot poultry netting between the rows of studding. They are six inches apart vertically, and each holds two layers of corn, leaving a space of about $2\frac{1}{2}$ inches between the racks when loaded.

3. Steam heat is used. This is fully as dry as stove heat. The radiators made of flattened pipes present a much larger radiating surface than a stove. It is much safer and more convenient than stove heat as no fire is needed in the main building. This does away with the danger from sparks falling upon the floors and igniting husks or silks of corn which are always lying about.

4. Every part of the racks is at all times easily accessible.

5. The building is supported by concrete posts, capped by inverted tin pans, which exclude mice. The entrance is by steps which hinge on the building, and, when not in use, are turned up against the building affording no means by which mice can enter.

The drying capacity of this kiln is 1,500 bushels of ear corn.

WISCONSIN SEED GRAIN GROWERS 1910.

Members of the Experiment Association are rapidly becoming the seed growers of the state, and by systematic selection of seed and care in culture and curing of the crop, produce a fine grade of pure-bred seed grains. These seed grains are sold by the producers either in small or large quantities, at reasonable rates.

Growers of Swedish Select Oats (Wisconsin No. 4).

<p style="text-align: center;">Barron County</p> <p>Bilderbach, W. T.....Chetek Chrislaw, A. M.....Rice Lake Heldstab, C. O.....Rice Lake Poulter, C. J.....Cumberland</p> <p style="text-align: center;">Bayfield County</p> <p>Johnson, L. M.....Ashland Tomkins, O. Scott....Ashland, R. 2</p> <p style="text-align: center;">Brown County</p> <p>Nies, Peter.....Greenleaf, R. 3 Roeckel, Joseph P.....Lark</p> <p style="text-align: center;">Buffalo County</p> <p>Joos, Frank B.....Fountain City Mueleisen, Gottlieb.....Tell Spaulding, L. C.....Mondovi Suhr, A. A.....Cochrane</p> <p style="text-align: center;">Calumet County</p> <p>Peterson, H. N.....New Holstein</p> <p style="text-align: center;">Chippewa County</p> <p>Christianson, W. O..... Chippewa Falls, R. 6 Guptill, L. R.....New Auburn Kramer, H. F.....Bloomer Lebeis, F. J.....Bloomer Martiny, L. P.....Chippewa Falls</p>	<p style="text-align: center;">Clark County</p> <p>Zerbel, Paul.....Humbird</p> <p style="text-align: center;">Columbia County</p> <p>Chipman, W. R.....Morrisonville Ellickson, A. C.....Arlington Gloeckler, Theo.....Portage Lloyd, Evan B.....Cambria</p> <p style="text-align: center;">Crawford County</p> <p>Accola, Lawrence.....Steuben</p> <p style="text-align: center;">Dane County</p> <p>Beck, J. D.....Madison Benson, Ed.....Mt. Horeb Chatterton, R. W.....Basco Daley, E. S.....De Forest Dreger, Emil.....Madison Hopkins, B. F.....Morrisonville Hopkins, J. W.....Morrisonville Kaltenberg, Anthony....Waunakee Mikkelson, Carl.....Deerfield Mitchell, Geo.....Cottage Grove Mitchell, J.Cottage Grove Renk Bros.....Sun Prairie Thorstad, N. H.....Deerfield Toepfer, Otto.....Madison, R. 7 Wernich, Wm. H.....De Forest</p>
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Dodge County

Russewitz, W. E.....Juneau
 Ehrhardt, Daniel.....Knowles
 Goetsch, Albert A.....Juneau
 Grebe, F. P.....Fox Lake
 Jones, John G....Beaver Dam, R. 4
 Howitt, Chas. H.....Randolph
 Jones, John G.....Beaver Dam
 Jones, Owen R., Jr....Beaver Dam
 Jung, J. W.....Randolph
 Krueger, H. E.....Beaver Dam
 Lehmann, Mrs. A. W....Woodland
 Miller, A. H.....Waupun
 Owens, H. C.....Fox Lake
 Schiller, Claude E....Beaver Dam
 Schumann, Hugo.....Beaver Dam
 Steiner, W. H.....Brownsville

Door County

Antholt, Chas.....Brussels
 Boucsein, Gust L....Detroit Harbor
 Erickson, Ole C....Detroit Harbor
 Sullivan, Jas.....Forestville

Douglas County

Lindberg, E. J.....Itasca

Dunn County

Kent, H. W.....Rusk
 Millar, Will.....Menomonie

Eau Claire County

Donaldson, H. A...Eau Claire, R. 6
 Mayo, John H., Jr....Eau Claire
 Russel, A. C.....Augusta
 Wright, W. C.....Eau Claire

Fond du Lac County

Bonzelet, J. P.....Eden
 Briggs, L. W.....Peebles
 Briggs, J. W.....Peebles
 Carpenter, L. A.....Fond du Lac
 Hargrave, Robert L.....Ripon
 Hinz, A. F.....Ripon
 Hintz, William F...Oakfield, R. 26
 Kuehn, Chas. A.....Brandon
 Mathews, Lee G.....Brandon
 Meekin, H. W.....Fond du Lac
 Stroup, Fred G.....Fond du Lac
 West, R. N.....Ripon
 Whittaker, Horace E..Fond du Lac

Grant County

Barron, R. E.....Platteville
 Booth, Guy A.....Cuba City
 Searles, Wm. L.....Boscobel
 Wiseman, Paul.....Bridgeport

Green County

Biglow, L. F.....Brooklyn
 Dettwiler, John.....Monroe
 Marty, Matthias.....Monticello
 Smith, H. B.....Brooklyn
 Thorp, Eugene B.....Monroe

Iowa County

Gordon, A. L.....Mineral Point
 Gordon, C. D.....Mineral Point
 Gordon, J. Roy.....Mineral Point
 Jones, Owen Lloyd.....Hillside

Jackson County

Dettinger, Wm. F.....Hixton
 Engleman, John.....Hixton
 Thompson, Adolph, Blk. River Falls

Jefferson County

Anthes, Henry.....Jefferson
 Bell, William C.....
Oconomowoc, R. 27
 Brueckner, Justus...Ft. Atkinson
 Church, A. P.....Whitewater
 Guttenberg, Frank, Jr....Jefferson
 Klement, Otto C....Fort Atkinson
 Leonard, W. R.....Jefferson

Juneau County

Wagner, J. M.....Union Center

Kenosha County

Achen, Wm.....Bristol
 Bradley, J. Frank.....Somers
 Brook, J. W.....Salem
 Myrick, Mead O.....Bristol
 Orvis, L. C.....Salem
 Roberts, F. W.....Woodworth

Kewaunee County

Katel, W. C.....Kewaunee, R. 1
 Oestreich, R. C.....Kewaunee
 Smithwick, Jas.....Kewaunee

La Crosse County

Griswold, H. W.....West Salem
 Hemker, F. H.....West Salem
 Jones, E. E.....Rockland
 Nuttleman, Alfred....West Salem
 Nuttleman, Adolph...West Salem
 Sandman, W. D.....Holmen

La Fayette County

Bridgman, C. R.....Darlington
 Stewart, J. W.....Blanchardville
 Vinger, Milo J.....Argyle

Lincoln County

Lewerenz, Roy B.....Tomahawk

Manitowoc County

Clusen, Reinhold.....Manitowoc
 Garey, James.....Grimms
 Klann, Adolph.....Hayton, R. 1
 Roethel, Herman.....Kiel
 Strowig, Wm. A....Cleveland R. 1
 Sullivan, James A.....Grimms
 Weigand, Otto R.....Cleveland

Marathon County

Ashbremer, H. H.....Stratford
 Baesemann, Otto.....Edgar
 Heinke, Alvin.....Stratford

Marinette County

Falarsh, Frank.....Peshtigo
 Olson, Otto W.....Walsh

Marquette County

Houslet, Neal.....Packwaukee

Milwaukee County

Basse, Wm. H.....
Milwaukee, St. A. R. 4
 Butler, Ed...No. Milwaukee, R. 11
 Pierner, Fred.....No. Milwaukee

Monroe County

Ebert, Edmund D.....Tomah
 Ebert, Francis E.....Tomah
 Fox, C. L.....Leon
 Freeman, G. A.....Sparta
 Harris, R. E.....Warrens
 Howell, H. P.....Sparta
 Leverich, J. W.....Sparta

Outagamie County

Letts, Edw. F.....Appleton, R. 4
 Merkel, Henry.....Appleton
 Mueller, Edw. O.....Appleton
 Ryan, Malachi.....So. Kaukauna
 Wussow, Chas. A.....Seymour
 Zahrt, F. H.....Hortonville

Ozaukee County

Clausing, Adolph.....Thiensville
 Kieffer, Mike.....Fredonia
 Kohlwey, Otto.....Grafton
 Pierner, John W.....Thiensville
 Wulff, Wm.....Grafton

Polk County

Gullickson, Chas. E.....Cushing
 Nelson, Peter C.....Milltown
 Peterson, Eri.....Amery

Portage County

Hanson, N. P...Amherst Jct., R. 2
 Smith, Casper A.....Amherst

Racine County

Wilson, Wm. C.....Union Grove
 Holloway, John W.....Racine R. 1
 Klofanda, Reuben.....Burlington

Richland County

Ghastin, Floyd.....Twin Bluffs
 Ghastin, Wm. J.....Twin Bluffs
 Post, H. L.....Sextonville
 Turgasen, J. H....Richland Center

Rock County

Austin, A. G.....Janesville, R. 6
 Devine, C. B.....Evansville
 Hoague, Chas. C....Janesville, R. 7
 Howe, Louis H.....Brodhead
 Smith, L. E.....Beloit

Rusk County

Beebe, A. G.....Bruce
 Fritchard, John T.....Flambeau

St. Croix County

Brunner, R. W.....Hudson
 Imholt, B. A.....Houlton
 Paulson, P. A.....Hudson

Sauk County

Accola, John.....Prairie du Sac
 Capener, W. R.....Baraboo
 Clavadatscher, Tobias...Sauk City
 Frederickson, Fred...Spring Green
 Gallagher, J. F.....Reedshurg
 Riek, Anthony.....Plain
 Toole, W. A.....Baraboo
 Volz, Robert.....Ableman

Shawano County

Berg, C. J.....Tigerton
 Klovdahl, John J.....Wittenberg
 Norrborm, G. C.....Eland
 Wedgewood, A. E.....Shawano

Sheboygan County

Dennerlem, Arthur J....Plymouth
 Eastman, F. A....Sheboygan Falls
 Frauenheim, O. R....Random Lake
 Illian, W. L.....Adell, R. 19
 Parrish, J. O.....Plymouth
 Wagner, Arthur L.....Haven

Trempealeau County

Hegge, E. A.....Pigeon Falls
 Mattison, Thos.....Blair
 McCauley, Rex.....Osseo

Vernon County

Aberg, Jacob.....De Soto
 Cass, Leonard E.....Viroqua
 Olson, G. E.....Westby
 Sebion, Cornelius.....Westby
 Sebion, Tennis.....Westby

Walworth County

Anderson, Alvin M....Whitewater
 Coburn, Ora.....Whitewater
 Dunbar, Harry D.....Elkhorn
 Meurer, Paul.....Genoa Jct.
 Ranney, P. C.....Elkhorn
 Warmington, Prentice.....
Honey Creek

Washington County

Gruhle, W. H.....Barton
 Puls, John.....Hartford
 Schultz, N. F.....West Bend

Waukesha County

Bartlett, Geo. W.....
Menomonee Falls
 Burton, Roy.....Eagle, R. 35
 Jones, Albert.....Dousman
 Kaul, E. H.....Waukesha, R. 7
 Rosenow Bros.....Oconomowoc

Rust, S. H.....Mukwonago
 Schafer, Chas. H..Waukesha, R. 7
 Schroeder, F. C.....Hartland
 Spaulding, C. E.....Oconomowoc
 Swoboda, F. G.....Dousman
 Van Buren, E. W.....
Waukesha, R. 2
 Williams, Arthur R.....Waukesha
 Williams, D. T.....Waukesha, R. 8
 Wright, H. W.....Waukesha

Waupaca County

Feathers, O. C.....Manawa
 Kneip, William.....Weyauwega
 Larson, LeRoy.....Iola
 Pinkerton, A. J.....Waupaca
 Pirner, Fred.....Sugar Bush

Waushara County

Clark, J. J.....Berlin, R. 1

Winnebago County

Blakely, Albert J.....Neenah
 Blodgett, Gordon R.....Neenah
 Miller, Henry C.....Allenville
 Schaefer, R. J.....Appleton
 Smith, Seymour.....Oshkosh
 Wood, Calvin.....Oshkosh, R. 4

Wood County

Kieffer, J. C.....Auburndale

NON-RESIDENTS

Illinois

Hitchcock, H. R.....Pecatonica
 Phillips, Jesse.....Elizabeth

Iowa

Thompson, Thos., Jr.....Wadena

Michigan

Meyer, A. J.....Howell, R. 7

New York

Mills, Stanley.....Walden

Growers of Pedigree Barley (Wisconsin Pedigree Barley).

Adams County

Johnson, Billie.....Strongs Prairie
Mikkelson, Wm. J.....Arkdale
Walker, Ray C.....Plainville

Ashland County

Hodan, A. B.....Friendship
Johnson, L. M.....Ashland

Barron County

Anderson, Thos. E....Chetek, R. 1
Chrislaw, A. M.....Rice Lake
Howe, John O.....Comstock
Jorstad, Ed.....Cameron
LeJeune, Ernest....Rice Lake, R. 2
Olson, Nalvin A.....Chetek
Otterholt, Henry.....Chetek
Plenty, Robert.....Rice Lake
Rauchenstein, Emil....Rice Lake
Rauchenstein, John....Rice Lake
Sackett, Clyde M.....Cumberland
Svacina, Jacob Jr....Rice Lake

Bayfield County

Nelson, John A.....Port Wing

Brown County

Anderson, Alfred....Denmark R. 2
Dillon, Austin.....DePere
Dillon, James.....DePere
Kersten, Leo M.....DePere
Nulloy, John B.....Wayside
Nies, Peter.....Greenleaf, R. 3
Roffers, John H....Green Bay R. 7

Buffalo County

Arms, Edward.....Fountain City
Bilderbach, W. T.....Mondovi
Engel, George.....Fountain City
Fetting, Elmer.....Cochrane
Fetting, Romeo.....Cochrane
Haigh, Gerhard.....Cream
Jahn, Chas.....Cream
Kaste, Alfred H.....Cream
Kaste, Chas.....Cream
Kennedy, Bernard.....Nelson
Kennedy, Larry.....Nelson
Krampeter, Frank H., Mondovi, R. 3
Loesel, Wm.....Cream
Muehleisen, Gottlieb.....Tell

Noll, Louis.....Alma
Quale, John H.....Mondovi
Reinhardt, R. F.....Nelson
Reinhardt, Chas. F.....Nelson
Suhr, A. A.....Cochrane
Suhr, Otto A.....Cochrane
Wendt, Reinhold.....Cream

Burnett County

Peterson, Conrad T....Grantsburg
Rylander, Ed.....Shell Lake

Calumet County

Christoph, Theo F.....Chilton
Koehler, John P.....Hayton
Sevenich, Tony.....Hilbert
Tagge, Herman.....New Holstein

Chippewa County

Bekken, Oscar.....Bloomer
Christiansen, W. O., Chippewa Falls
Emerson, O. R....Chippewa Falls
Finsnes, A. I.....Chippewa Falls
Harrison, Geo.....Chippewa Falls
Herr, John G.....Stanley
King, Wm. T.....Jim Falls
Lebeis, F. J.....Bloomer
Martiny, L. P.....Chippewa Falls
Siepert, F. W.....Chippewa Falls

Clark County

Beyreis, C. E.....Dorchester
Buddenhagen, Elmer E. Neillsville
Dallenbach, Chris.....Abbotsford
Hegge, Julius.....Galesville
Huckstead, A. A.....Neillsville
Korth, Leo R.....Neillsville
Krause, Wm. H.....Thorpe
Nelson, Carl A.....Greenwood
Portz, Herman.....Chilli
Rued, Axel.....Curtiss
Steuerwald, Walter.....Loyal
Zerbel, Paul.....Humbird

Columbia County

Anderson, Adolph W.....Portage
Anoker, B.....Portage
Bancroft, Benj. T.....Rio
Bradley, Roy.....Randolph
Brereton, Hugh H.....Lodi
Brereton, Thomas D.....Lodi

Capener, Howard H.....Portage
 Carncross, J. E.....Okee
 Chipman, W. R.....Morrisonville
 Chrisler, Elmer A.....Lodi, R. 4
 Chrisler, Elvin A.....Lodi, R. 1
 Chrisler, Harley E.....Lodi
 Church, W. H.....Lodi
 Ellickson, A. C.....Arlington
 Gloeckler, Louis P.....Portage
 Grove, Christian...Columbus, R. 6
 Lintner, Sam.....Arlington
 Lloyd, Evan B.....Cambria
 Morse, Albert.....Kilbourn
 O'Connor, Edward F.....Lodi, R. 1
 Owen, Roger A.....Portage, R. 2
 Richards, W. M.....Lodi
 Sharpee, Alfred B.....Rio
 Sharpee, Carl S.....Columbus
 Sharpee, Endre A. Rio, R. 1, Bx 34
 Sharpee, Johannes A.....Rio
 Verbeck, C. W.....Lodi

Crawford County

Accola, Lawrence.....Steuben
 Bohonek, John...Prairie du Chien
 Brodt, Clarence D.....Bridgeport
 Hjelle, Ole K.....Soldiers Grove
 Johnson, E. T.....Soldiers Grove
 Johnson, J. E.....Ferryville
 Lintz, Willis.....Gays Mills

Dane County

Anderson, H. C.....Cambridge
 Anderson, Lewis.....Morrisonville
 Angvick, Lars.....Cottage Grove
 Anthony, David C.....Oregon
 Barton, C. R.....Mt. Horeb
 Bayles, Rollo.....Dane
 Beck, J. D.....Madison
 Bergum, Albert P.....De Forest
 Bergum, Andrew.....De Forest
 Bergum, P. B.....De Forest
 Bewick, W. M.....Sun Prairie
 Bewick, Wm. W.....Madison
 Bollig, F. A.....Black Earth
 Brickson, A. C.....McFarland
 Brickson, Andrew...Cottage Grove
 Brereton, Lawson.....Dane
 Brigham, Chas. I....Blue Mounds
 Britzke, Paul.....London
 Brue, N. H.....De Forest
 Chase, J. P.....Sun Prairie
 Coldwell, John.....Mazomanie
 Colladay, C. M.....Stoughton
 Colladay, W. E.....McFarland
 Daley, Thos.....McFarland
 Damler, Walter F.....Sun Prairie
 Davidson, W. L.....Verona

Davison, R. W.....Sun Prairie
 Deneen, Michael....Blue Mounds
 Derke, Adolph.....Madison, R. 2
 Derr, Gilbert.....Columbus
 Dreger, Emil L.....Madison, R. 6
 Elver, E. C.....McFarland
 Fisher, Wm. G.....Middleton
 Foll, Walter.....Deerfield
 Ford, J. F.....Mazomanie
 Gest, Chas.....Windsor
 Gillette, Rufus.....Verona
 Gillies, J. H.....Stoughton
 Grady, Geo.....Oregon
 Grove, Albert.....Columbus, R. 6
 Guitzkow, Arthur...Madison, R. 3
 Hanna, Oliver O.....Mt. Horeb
 Hill, Otto C.....Mt. Horeb
 Hofmann, Carlie.....Mendota
 Holscher, A. C.....Cottage Grove
 Hopkins, B. F.....Morrisonville
 Hopkins, J. W.....Morrisonville
 Hougan, O. O.....Stoughton
 Jones, E. F.....Sun Prairie
 Kaltenberg, Anthony...Waunakee
 Kaltenberg, Jacob.....Waunakee
 Kaltenberg, Joseph...Waunakee
 Kaltenberg, P.....Waunakee
 Keenan, Wm. M., Jr...McFarland
 Kendall, Geo. W.....Sun Prairie
 Kittleson, K. T.....Mt. Horeb
 Kittleson, Knudt.....Mt. Horeb
 Kittleson, Wm.....Mt. Horeb
 Koltes, Jos. F.....Dane
 Lee, Lewis Johnson...De Forest
 Lee, Oliver.....Klevenville
 Lee, Peter A. G.....Deerfield
 Lukken, Amil.....Cambridge
 McConnell, Oren S.....McFarland
 Maeder, J. W.....Oregon
 Mielke, F. D.....Windsor
 Mielke, J. E.....Basco
 Mitchell, Geo.....Cottage Grove
 Mitchell, J. T.....Cottage Grove
 Nellen, P. J.....De Forest
 Nicholls, Harry G.....Stoughton
 Nordlie, Alfred.....Deerfield
 Norsman, Jerome O., Madison, R. D.
 Pierstorff, H. H.....Madison
 Pope, R. W.....Sun Prairie
 Radamacher, John ...Middleton
 Raftery, AgnesWindsor
 Reindahl, A. K.....Madison
 Renk, Wm. F.....Sun Prairie
 Ruhrmann, B. J.....Cross Plains
 Ruste, C. O.....Blue Mounds
 Ryan, Gerald.....Sun Prairie
 Sager, Milo.....Deerfield
 Sharpee, P. A.....Morrisonville
 Skalas, Herman.....Deerfield
 Sime, J. O.....Stoughton

Strommen, Geo. K. Cambridge
 Tenjum, A. A. De Forest
 Thielke, Emil. Madison
 Thompson, Melvin. Mt. Horeb
 Tjugum, E. E. Sun Prairie
 Toepfer, Otto F. Madison
 Tverberg, Alf. Stoughton
 Veium, Even. Stoughton
 Vetter, Carl. Madison, R. 3
 Vetter, John. Madison, R. 3
 Vroman, H. E. Verona
 Wernick, Wm. H. De Forest
 Willmarth, E. E. Sun Prairie
 Woodward, John L. Madison

Dodge County

Adams, Lester B. Lowell
 Barstow, Jas. E. Randolph
 Bohl, Anton. Beaver Dam
 Bremer, Felix E. Hustisford
 Bussewitz, Orla J. Juneau
 Bussewitz, Raymond H. Reeseville
 Bussewitz, W. E. Juneau
 Coulter, Harry S. Randolph
 Dieckhoff, John. Randolph
 Gilmore, Everett H. Randolph
 Goetsch, A. A. Juneau
 Grebe, Fred P. Fox Lake
 Gunderson, Forrest D. Oconomowoc
 Henke, Louis. Lowell
 Howitt, Chas. H. Randolph
 Hutchinson, Wm. D. Rubicon
 Indermuehle, Felix A. Beaver Dam
 Jones, Arthur. Randolph
 Jones, John G. Beaver Dam, R. 4
 Jones, Owen R. Beaver Dam
 Jung, A. E. Randolph
 Kings, Benj. J. Reedsville
 Krueger, H. E. Beaver Dam
 Kuhlman, Arthur H. Lowell
 Kuhlman, Fred. Lowell
 Mahoney, David. Juneau
 Neuberger, Wm. T. Reeseville
 Owens, H. C. Fox Lake
 Rex, Edgar H. Beaver Dam
 Roberts, Wm. E. Randolph
 Schiller, Claude E. Beaver Dam
 Schumann, Hugo W. Beaver Dam
 Sette, O. E. Juneau
 Steiner, W. H. Brownsville
 Young, Rudolph T. Beaver Dam
 Ziemann, Ernest F. Beaver Dam

Door County

Delcorps, Louis. Sturgeon Bay
 Dreutzer, C. B. Sturgeon Bay
 McKernan, R. Sturgeon Bay
 Larson, Eli. Sawyer

Madoche, Leo J. Sawyer
 Mueller, Rudolph. Forestville

Dunn County

Chase, A. Knapp
 Cramer, Joe. Menomonie
 Gerking, F. J. Elk Mound
 Hageseth, Frank. Menomonie
 Kent, J. S. and H. W. Rusk
 Knapton, W. E. Downing
 Sampson, August. Menomonie
 Stevens, Ernest A. Eau Galle

Eau Claire County

Burce, Ruth E. Eau Claire
 Carlson, A. T. Augusta
 Donaldson, H. A. Eau Claire
 Faast, Ben. F. Eau Claire
 Koll, C. A. Eau Claire
 Konz, John, Jr. Fairchild, R. 2
 McDermid, G. A. Eau Claire
 Schield, John. Fall Creek

Fond du Lac County

Adams, A. E. Eden
 Adams, Richard F. Campbellsport
 Atwood, P. W. Waupun
 Beilke, Walter. Fairwater
 Block, A. F. Brandon
 Bonzelet, J. P. Eden
 Briggs, E. T. Fond du Lac
 Briggs, Lynn W. Peebles
 Briggs, J. W. Peebles
 Donovan, Frank. Van Dyne
 Hargrave, Robert. Ripon
 Hintz, George E. Oakfield, R. 26
 Hinz, A. F. Ripon
 Hoard, Harry H. Waupun
 Koenigs, Phillip. Fond du Lac
 Kuehn, Chas. A. Brandon
 Lehman, Edwin. Ripon
 Leith, Ray H. Van Dyne, R. 9
 Lother, O. A. Waupun
 Mathews, L. G. Brandon
 Maug, Arthur J. Ripon
 Meier, Edward F. Eden, R. 36
 Michels, Henry. Malone
 Michels, Math. Peebles
 Mihills, D. R. Fond du Lac
 Mihills, G. N. Fond du Lac
 Miller, Arthur. Waupun
 Miller, A. H. Waupun
 Miritz, O. F. Fond du Lac
 Nolan, J. H. Eldorado
 Northrup, J. Waupun
 O'Hearn, Dennis. Eldorado
 Oleson, James P. Ripon

Patrick, Ed. H. Waupun
 Patrick, Robert. Waupun
 Pattee, Drew J. Waupun
 Pattee, John R. Waupun
 Peters, Hubert. Calvary
 Randall, S. M. Waupun
 Rather, Armand. Peebles, R. 37
 Rieman, Elmer W. Ripon
 Ruesink, H. G. Waupun
 Sattler, James H. Rosendale
 Sheldon, Ben F. Brandon
 Smith, Almer J. Brandon
 Smith, Harvey G. Brandon
 Smith, Samuel A. Oakfield
 West, H. P. Ripon
 West, Ray N. Ripon
 Whitney, R. A. Eldorado

Forest County

Grandine, Lester D. North Crandon
 Grandine, Morton D. North Crandon

Grant County

Barnen, R. E. Boscobel
 Barron, R. E. Platteville
 Booth, Guy A. Cuba City
 Booth, Lester. Cuba City
 Carmody, Daniel. Mt. Ida
 Carmody, P. J. Mt. Ida
 Cull, James, Jr. Mt. Hope
 Dieter, Bert. Montfort
 Dieter, Wm. A. Montfort
 DiVall, W. F. Montfort
 Edwards, Elliot. Glen Haven
 Groom, Harvey L. Cassville, R. 1
 Kaiser, Wm. S. Cuba City
 Keating, P. H. Mt. Hope
 Nagle, Lee. Bridgeport
 Niemer, Frank. Cassville, R. 1
 Orr, Lea B. Bagley
 Patten, W. H. Boscobel
 Preston, Geo. M. Montfort
 Ralph, Will H. Cuba City
 Runde, Albert. Hazel Green
 Runde, Aloysius. Cuba City
 Simmons, Will. Cuba City
 Spink, L. O. Platteville, R. 10
 Steinhoff, W. J. Platteville
 Stivarius, Geo. A. Fennimore
 Trewartha, Edw. J. Hazel Green
 Wayne, Joseph. Boscobel

Green County

Anderson, A. T. Monroe
 Austin, Elmer E. Brodhead
 Barker, W. H. Brodhead
 Bechtolt, A. B. Browntown

Bechtolt, J. D. Browntown
 Biglow, L. F. Brooklyn
 Burt, Charley. Brodhead
 Cornelius, E. C. Monroe
 Dettwiler, John. Monroe
 Douglas, Robert J. Juda
 Doyle, W. E. Brodhead
 Gapen, Frank Wm. Monroe
 Gardner, Harry.
 Monroe, care E. C. Cornelius
 Geigel, John. Monroe
 Gwynne, Sam. Brodhead
 Klassy, Henry. Monroe
 Klassy, Henry C. Monticello
 Klassy, Wm. E. Monticello
 Legler, L. G. Juda
 Mau, H. G. Brodhead
 Niffenegger, J. Talmage. Monroe
 Ritschard, Emil. Monticello, R. D.
 Ritschard, Fred. Monroe
 Silver, C. R. Belleville
 Simmons, Geo. W., Jr. Monroe
 Thorp, Eugene B. Monroe, R. 6
 Tochterman, C., Jr. Monroe
 Trumpy, Fred. Clarno
 Willis, A. W. Brodhead
 Wood, H. D. Brodhead

Green Lake County

Davies, Elias. Markesan
 Kutchin, Victor. Green Lake
 Page, G. F. Berlin
 Vine, Callice H. Markesan

Iowa County

Anderson, Louis H. Highland
 Aavang, H. O. Barneveld
 Church, W. H. Lodi
 Convey, Thos. Ridgeway
 Davies, Llewellyn. Mineral Point
 Farwell, R. R. Ridgeway
 Hanson, Carl O. Hollandale
 Harker, Irving. Dodgeville
 Harker, John J. Linden
 Ley, Nicholas. Dodgeville
 Ley, Peter. Dodgeville
 Morrissey Bros. Arena
 Paulson, H. E. Hollandale
 Smedsrud, Melvin C. Hollandale
 Thomas, Edw. J. Ridgeway, R. 2

Jackson County

Anderson, Ubbe. Melrose
 Bullock, James P. North Bend
 Curran, W. T. Taylor
 Dettinger, Wm. F. Hixton
 Dietrich, John J. Black River Falls

Engleman, John.....Hixton
 Haag, Frank.....Melrose
 Haag, Henry.....Melrose
 Hecketsweiler, O. J...Alma Center
 Horswill, W. K...Black River Falls
 Merrill, W. M.....Taylor
 Patterson, Harvey.....Melrose
 Patterson, J. D.....Melrose
 Somerville, John...Black River Falls
 Thompson, Adolph.....
Black River Falls
 Wallen, Sigur B.....Taylor

Jefferson County

Anthes, Henry.....Jefferson
 Becker, Harry J.....Ft. Atkinson
 Brown, A. A.....Waterloo
 Brueckner, H. C.....Ft. Atkinson
 Brueckner, Justus.....Jefferson
 Graper, Arthur.....Helenville
 Haus, Joe T.....Jefferson
 Joice, G. W.....Waterloo
 Krueger, Alexander.....
Watertown, R. 2
 Lee, Gilbert A.....Ft. Atkinson
 Lehmann, Theo...Watertown, R. 7
 Leonard, Wm. R.....Jefferson
 Luebke, H. W...Watertown, R. 1
 McIntyre, Ivan.....Ft. Atkinson
 Mathews, Milton D...Helenville, R. 1
 Milkee, Geo.....Ft. Atkinson
 Neuberger, Frank G., Jr. Jefferson
 Niere, Stuart P.....Watertown
 Parsons, Wm. A.....Ft. Atkinson
 Perry, J. H.....Ft. Atkinson
 Popp, Arthur.....Jefferson
 Schultz, Rudolph.....Lake Mills
 Ward, Charles.....Ft. Atkinson
 Ward, Harold L.....Ft. Atkinson
 Ward, Robert W.....Ft. Atkinson
 Ward, Theodore S...Ft. Atkinson
 Wollin, Albert Johnson Creek, R. 2

Juneau County

Curtis, J. C.....New Lisbon
 Hall, W. H.....Wonewoc
 Harvey, Caleb B.....Wonewoc
 Hoover, Kenneth M...New Lisbon
 Lee, Royal D.....Arkdale
 McNown, J. H.....Mauston
 Mills, Milo E.....Mauston
 Solem, Edward.....Wonewoc

Kenosha County

Blumer, George.....Salem
 Bradley, J. Frank.....Somers
 Myrick, M. O.....Bristol
 Orvis, L. C.....Salem

Paddock, A. D.....Salem
 Paddock, Alva.....Salem
 Sheen, C. J.....Trevor
 Sheen, Wray J.....Trevor
 Swenson, Earl S.....
Kenosha, 660 Pleasant St.
 Thiers, L. M.....Kenosha
 Thom, J. A.....Bristol

Kewaunee County

Boudnik, John.....Kewaunee, R. 7
 Cherveney, Wenzel..Kewaunee, R. 2
 Collin, D. W.....Luxemburg
 Defnet, Jule J.....Casco, R. 2
 Dworak, H. A.....Kewaunee
 Katel, W. C.....Kewaunee
 Kocmich, Ed.....Kewaunee
 Koller, Wm.....Kewaunee
 Krofta, Rudolph...Kewaunee, R. 2
 Nemetz, Frank J.....Kewaunee
 Pelisek, Frank W.....Kewaunee
 Smithwick, James.....Kewaunee
 Stangel, Richard...Kewaunee, R. 1
 Thibodeau, Elmer F....Kewaunee

La Crosse County

Bosshard, Eugene.....Bangor
 Brown, E. D.....West Salem
 Davis, L. H.....Bangor, R. 3
 Griswold, H. W.....West Salem
 Harr, Ernest B.....Bangor, R. 3
 Jones, E. E.....Rockland
 Lawrence, F. W.....Bangor
 Lawrence, W. J.....Bangor
 Nuttleman, Fred.....West Salem
 Restow, Harry.....Onalaska
 Sandman, W. D.....Holmen
 Schilling, Harry W.....Onalaska
 Van Loon, John.....La Crosse

Lafayette County

Andrews, A. L.....South Wayne
 Glindinning, H. L.....Shullsburg
 Hartsough, A. L.....Gratiot
 Ingwell, Albert.....Blanchardville
 Jorenby, Carl O.....Blanchardville
 Larson, Joseph S.....Woodford
 Perry, Will H.....Gratiot
 Rood, Henry.....South Wayne
 Rood, Minnick C.....South Wayne
 Smith, Alva J.....Gratiot
 Smith, John F.....Darlington
 Strommen, Anton A. Blanchardville
 Thompson, Gilbert G. Blanchardville
 Usher, Earl.....South Wayne
 Watrud, Hjelmer....Blanchardville

Langlade County

Kalouner, Edward...Antigo, R. 5
 Leykom, J. Wallace.....Antigo
 Person, Alfred.....Bryant

Manitowoc County

Arnold, Arthur A.....Kiel
 Axley, Walter.....Cleveland
 Behm, Walter F.....Manitowoc
 Bender, Fred.....Cleveland
 Bauer, A. H.....Manitowoc, R. 3
 Berge, Anton O.....Valders
 Berge, Oscar A.....Valders
 Berge, Otis J.....Valders
 Pruhn, John F...Two Rivers, R. 1
 Clusen, Reinhold.....Manitowoc
 Eisenmann, Harvey.....Mishicot
 Garey, James.....Grimms
 Geraldson, Mervin.....Manitowoc
 Gigstad, Benneth.....Manitowoc
 Gunderson, Clifford.Manitowoc, R. 4
 Gustavson, Chas.....Manitowoc
 Halvorson, Arthur E...Manitowoc
 Hansen, Warner.....Manitowoc
 Hayden, Thomas H.....Grimms
 Johannes, Albert.....Two Rivers
 Kielsmeier, Hugo C.Cleveland, R. 3
 Kirby, James J.....Grimms
 Klann, Adolph...Reedsville, R. D.
 Klessig, Edwin O.....Cleveland
 Knutson, Ed. A...Manitowoc, R. 4
 Koellmer, Gustav.....Cleveland
 Kolb, Ed.....Cleveland, R. 2
 Lutze, George.....Cleveland
 Marken, Otis A.....Valders
 Moldenhauer, W. C. Maniowoc, R. 1
 Nate, Geörge B.....Grimms
 Paulson, J. E.....Manitowoc
 Peitzl, John A.....Cato, R. 1
 Riederer, Blas.....Cato
 Roethel, Herman.....Kiel
 Salzmann, Ed.....Kiel, R. 2
 Schulte, Peter J...Cleveland, R. D.
 Straka, Edward E...Maribel, R. 2
 Strowig, Wm. A...Cleveland, R. 1
 Sullivan, Jas. A.....Grimms
 Thielke, Ed. A.....Kiel, R. 2
 Thompson, Geo. H.....Quarry
 Tyler, James G.....Valders
 Wiegand, Otto R.....Cleveland
 Wigen, Andrew.....Quarry
 Wigen, Walter E.....Manitowoc
 Wilkowske, Hugo.....Mishicot

Marathon County

Aderhold, H. F.....Athens
 Arnold, Philip.....Edgar

Baesemann, Otto.....Edgar
 Brehm, E. A.....Colby
 Brotherton, Alvin.....Colby
 McAdam, Cecil.....Schofield
 Parsch, Gustav A.....Wausau

Marinette County

Falarsh, Frank.....Peshtigo
 Gould, Guy.....Peshtigo
 Gould, Merrill M.....Peshtigo
 Magee, Ellis.....Coleman
 Schneider, Gottlieb P.....Walsh

Marquette County

Dimond, Nicholas.....Montello
 Hamilton, T. S.....Westfield, R. 1
 Haskins, Leon O.....Montello
 Johnson, Sam A.....Westfield
 Judd, Jesse L.....Endeavor
 Parrott, Alfred.....Endeavor

Milwaukee County

Basse, Wm. H...West Allis, R. 5
 Dennison, Nicholas.....
No. Milwaukee, R. 10
 Diderrich, Nicholas A.....
No. Milwaukee
 Guenther, Nelson W.....
South Milwaukee
 Hickcox, Gilbert...Whitefish Bay
 Kinney, Clinton.....Wauwatosa
 Kurtze, Otto C...West Allis, R. 15
 Machimura, K.....
West Allis, care Rust Bros.
 Meyer, Alfred J...Oakwood, R. 18
 Pierner, Fred.....No. Milwaukee
 Swan, Earling.....
Milwaukee, Sta. B. R. 6
 Swan, Robert G.....
Milwaukee, Sta. B. R. 6
 Unger, Edward F.....
North Milwaukee, R. 9
 Unger, Ernest F., Jr.....
No. Milwaukee R. 29

Monroe County

Aarness, O. C.....Cashton
 Anderley, Louis.....Kendall
 Foth, F. D.....Norwalk
 Freeman, G. A.....Sparta
 Funcan, Wm.....Kendall
 Gamerdinger, John.....Kendall
 Grassman, Alfred.....Kendall
 Hanchett, W. H.....Sparta
 Hansen, Henry.....Sparta

Hanson, Niel.....Cataract
 Harris, R. E.....Warrens
 Hitchcock, Wm. P.....Sparta
 Hoard, L. R.....Cataract
 Howell, Horace P.....Sparta
 Kirst, Ernest J.....Tomah
 Lee, L.....Leon
 Leverich, J. W.....Sparta
 Moseley, A. G.....Cataract
 Nathan, Paul R.....Kendall
 Pratt, Vernon.....Cataract, R. 2
 Von Haden, Eddie.....Kendall
 Whitehead, H. W.....Leon
 Wisner, L. R.....Merrill
 Wyatt, E. E.....Tomah

Outagamie County

Bixby, Phil T.....Appleton
 Jahnke, Albert.....Black Creek
 Jamison, Clarence.....Appleton
 Jamison, Harvey.....Appleton
 Jamison, Robert.....Appleton
 Jamison, Stanley.....Appleton
 Jamison, W. G.....Appleton
 Johnson, Chas. G.....Welcome
 Johnston, Oney.....Appleton
 Klemm, Lewis J.....Welcome
 Koss, Otto W.....Medina
 Lemke, Albert.....Welcome
 Letts, Edw. F.....Appleton
 Merkel, Henry.....Appleton, R. 3
 Mills, Roscoe C.....Appleton, R. 2
 Mueller, Edward O.....Appleton
 Ryan, Malachi.....So. Kaukauna
 Schaefer, R. J.....Appleton
 Schmit, Albert.....Appleton
 Schmit, Alois E.....Hortonville
 Schmit, A. W.....Appleton
 Schmit, Geo.....Greenville
 Schmit, Wm. F.....Appleton, R. 2
 Thoma, Ernest.....Sugar Bush
 Tubbs, J. Herbert.....Seymour
 Wussow, Chas. A.....Seymour

Ozaukee County

Behrens, Bernh.....Grafton
 Blank, Geo. A.....Grafton
 Groth, Louis.....Cedarburg
 Kieffer, Mike.....Fredonia
 Meyer, A. H.....Grafton
 Pierner, John W.....Thiensville
 Quast, Arthur E.....Saukville

Pepin County

Fleishauer, C. K.....Arkansaw
 Fox, Phil, Jr.....Durand
 Gustafson, Theodore.....Stockholm

Jahnke, J. F.....Pepin
 Pattison, H. A.....Durand, R. 2

Pierce County

Brown, Monroe.....Bay City
 Brown, Wm.....Spring Valley
 Hanson, Henry O.....
Spring Valley, R. 1
 Hinze, Louis.....Prescott
 Lowe, James.....River Falls
 Neystrom, Archie.....Maiden Rock
 Peirce, W. O.....River Falls
 Persons, W. B.....Plum City
 Smith, Fred.....River Falls

Polk County

Elkins, Arthur O.....Amery
 Ferris, Sherman.....St. Croix Falls
 Germanson, Herbert.....Luck
 Jerdee, Perry S.....Deronda
 Lee, Oliver.....Amery, R. 2
 Lindberg, Clinton H.....
Dresser Jct., R. 1
 Miller, A. J.....Milltown
 Nelson, Willie.....Milltown
 Peterson, E. M.....Amery, R. 4
 Rehbein, A. E.....St. Croix Falls, R. 1
 Uhlin, Albin S.....Clayton
 Uhlin, F. E.....Clayton

Portage County

Arnott, Grace M.....Stevens Point
 Brekke, Anton B.....Stevens Point
 Gullickson, Gust.....Nelsonville
 Hanson, N. P.....Amherst Jct., R. 2
 Williamson, Boyd.....Amherst Jct.
 Wrolstad, Alfred M.....Amherst Jct.

Price County

Anderson, Martin.....River Falls
 Hoffmann, Conrad.....Phillips

Racine County

Chambers, O.....Union Grove
 Cook, Joe C.....Burlington
 Dukleth, J. O.....Waterford
 Gehrand, Arthur A.....Rochester
 Holloway, Ed. M.....Union Grove
 Jacobson, Clarence H.....
Waterford, R. 25
 Klofanda, Reuben.....Racine, R. 1
 Klofanda, Royal.....Racine, R. 1
 Odland, P. H.....North Cape
 Renak, Edw.....Racine, R. 2
 Robers, Wm. J.....Burlington

Rolfson, C. E. Waterford
 Skewes, Edwin B. Union Grove, R. 6
 Spartz, N. A. Union Grove

Richland County

Annear, Rolland... Richland Center
 Collins, Edmund..... Tavera
 Collins, Robert..... Tavera
 Ghastin, Floyd L..... Twin Bluffs
 Ghastin, Wm. J..... Twin Bluffs
 Oman, Carl..... Tavera
 Post, H. L..... Sextonville
 Schmitz, Edw..... Lone Rock
 Schmitz, Hubert..... Lone Rock
 Straug, Frank..... Lone Rock
 Thorpe, J R..... Tavera
 Turgasen, J. H.... Richland Center
 Welsh, S. L..... Tavera

Rock County

Austin, Alva G..... Janesville
 Austin, A..... Janesville
 Austin, Clifford P..... Janesville
 Austin, Geo. M..... Janesville, R. 6
 Austin, Henry L..... Evansville
 Austin, Wilbur D..... Janesville
 Austin, Willard O..... Milton
 Benedict, E. L..... Beloit
 Bingham, E. L..... Milton
 Bingham, Howard L..... Milton
 Caldo, Leslie..... Janesville, R. 1
 Dougan, W. J..... Beloit, R. 30
 Ellis, E. J..... Evansville, R. 19
 Emery, Sydney L.... Edgerton, R. 2
 Kimble, N. G..... Milton Jct.
 Lathers, Chas. F..... Beloit
 Latta, F. L..... Clinton Jct.
 Lefebber, Wilbur F..... Evansville
 McCoy, Geo. L..... Evansville
 Marston, Albert E..... Beloit
 Marston, Roy C..... Beloit
 Moore, Fred W..... Beloit
 Mosely, H. B..... Beloit
 Mueller, M. J..... Edgerton
 care of Emery Farm.
 Porter, W. N..... Evansville
 Porter, W. B..... Evansville
 Shuman, Chas. F..... Koshkonong
 Simpson, Lloyd S..... Edgerton
 Smith, Lewis E..... Beloit
 Snyder, Elmer G..... Clinton Jct.
 Snyder, Elmer G..... Beloit
 Tift, J. Ringland..... Wauwatosa

St. Croix County

Alberts, Will..... New Richmond
 Arnquist, J. T..... New Richmond
 Bailey, H. E..... Hudson
 Batten, S. E..... Hudson

Bennett, Wm. L..... Stanton
 Boardman, Benj.... New Richmond
 Bradley, H. C..... Hudson
 Brunner, Fred F..... Hudson
 Brunner, R. W..... Hudson
 Cook, Winfred..... Deer Park, R. 1
 Fay, Albert W..... New Richmond
 Hogan, E. J..... New Richmond
 Kruschke, Alvin C.. New Richmond
 Kruschke, Geo. H... New Richmond
 Legrid, Henry E..... Deer Park
 Paulson, P. A..... Hudson
 Peterson, August..... Stanton
 Schwandt, Wm..... Stanton
 Utgaard, Peter W..... Cylon

Sauk County

Borck, Sam..... North Freedom
 Clavadatscher, T..... Sauk City
 Enge, Eugene..... Prairie du Sac
 Gade, Adolph..... Reedsburg, R. 2
 Getschmann, Willie. North Freedom
 Grass, Christian F.. Prairie du Sac
 Gravin, D. W..... Baraboo
 Hatz, Jacob A..... Prairie du Sac
 Henrichs, Ernest..... Reedsburg
 Herwig, R. B..... Delton
 Herwig, Theo. E..... Delton
 Hill, J. L..... Prairie du Sac
 Hood, D. L..... Spring Green
 Johnson, Glenn..... Baraboo, R. 2
 Kindschi, Edwin... Prairie du Sac
 Koenecke, A. E..... Reedsburg
 Koenecke, Ed. H... Reedsburg, R. 5
 Moely, Conrad..... Prairie du Sac
 Ochsner, Arthur C..... Plain
 Pearson, Clarence..... La Valle
 Riek, Anthony..... Plain
 Rieser, Alfred E..... Spring Green
 Rusch, E. W..... Reedsburg
 Schuette, Herman W... Reedsburg
 Sherwood, Chas. B... Spring Green
 Steidtmann, Edwin... Merrimac
 Toole, W. A..... Baraboo
 Vonder Ohe, William H. Reedsburg
 Weirich, Martin J..... Baraboo
 Wichern Bros..... Baraboo, R. 4
 Wischhoff, E. H..... Reedsburg

Sawyer County

Uhrenholdt, Jens..... Leonard
 Uhrenholdt, S. J..... Leonard

Shawano County

Berg, Carl J..... Tigerton
 Hildemann, Alex E... Belle Plaine
 Klovdahl, J. J..... Wittenberg
 Norrbom, C. G..... Eland
 Wedgwood, R. E..... Shawano

Sheboygan County

Dennerlein, Arthur J.....Plymouth
 Frauenheim, O. R.....Random Lake
 Garside, Harry R.....Cedar Grove
 Illian, William L.....Adell
 Lubbers, William.....Cedar Grove
 Parrish, J. O.....Plymouth
 Reineking, Rudolf H.....
 Sheboygan Falls
 Schaefer, Henry G.....Plymouth
 Veldboom, John.....Cedar Grove
 Wagner, Arthur L.....Haven
 Wunsch, Alfred J. C.....Haven
 Wunsch, Hugo E.....Haven

Trempealeau County

Gilbertson, C. P.....Arcadia
 Graul, Edw. J.....Independence
 Hagestad, A. C.....Ettrick
 Johnson, Frank L.....Osseo
 Markham, F. C.....Independence
 Mattison, Thos.....Blair
 Pederson, Peter.....Eleva, R. 3
 Ristau, Emil O.....Osseo
 Thompson, A. L.....Blair
 Thompson, Paul.....Blair

Vernon County

Aberg, Jacob.....De Soto
 Amodt, Marcus.....Viroqua
 Cade, Jos. M.....Viroqua
 Dahl, A. J.....Viroqua
 Fisher, Leslie.....Viroqua
 Fisher, Perl.....Viroqua
 Henry, Ernest E.....Viroqua
 Herold, Rudolph, Jr.....Stoddard
 Hoilien, David.....Westby
 McClurg, Walter F.....Viroqua
 Neprud, Nels O.....Coon Valley
 Olson, G. C.....Westby
 Sebion, Cornelius.....Westby
 Sebion, Stanley.....Westby
 Sebion, T.....Westby
 Sherry, Selmer.....Viroqua
 Stegne, Chris.....Viroqua
 Swiggum, Neil.....Viroqua
 Swiggum, Oscar.....Viroqua

Walworth County

Arnold, Walter C.....Lake Geneva
 Brentner, George F.....Lake Geneva
 Bromley, Fred G.....Whitewater, R. 4
 Coates, Clinton J.....Elkhorn, R. 6
 Coit, H. W.....Darien
 Dow, Everett J.....Whitewater
 Dunbar, Harry D.....Elkhorn

Ells, R. H.....Darien
 Foerster, M. F.....Whitewater, R. 2
 Giee, Fred.....Sharon
 Kiteley, Leonard W.....Sharon, R. 2
 Kuehne, Edw. H.....Lake Beulah
 Lauderdale, Roy.....Elkhorn
 Lewis, E. H.....Whitewater
 McCarthy, Edw.....Walworth
 McLeod, Stanley.....Lake Geneva
 Meurer, Paul.....Genoa Jct.
 O'Dell, William.....Lake Beulah
 Palmer, Earl.....Lake Geneva
 Peterson, Peter.....Walworth
 Piper, Harry B.....Sharon
 Robinson, A. S.....Lake Geneva
 Schwartz, John A.....Troy Center
 Smith, Carroll H.....Delavan, R. 3
 Thacher, Louis E.....Zenda
 Thompson, Alfred W.....Delavan
 Utter, Delwin H.....Lake Beulah

Washburn County

Busch, Andrew F.....Spooner
 Soholt, Gustav L.....Madge

Washington County

Backus, Franklin G.....Kewaskum
 Baer, A. C.....West Bend
 Baertlein, V. J.....So. Germantown
 Baertlein, William A.....
 So. Germantown
 Connell, Clarence James.....
 Colgate, R. 1
 Flynn, John W.....Hartford
 Gutschenritter, F. J.....West Bend
 Klumb, Albert J.....Rockfield
 Klumb, Hugo G.....Kewaskum
 Klumb, Oscar.....Rockfield
 Puls, John.....Hartford
 Schermerhorn, S. B.....Hartland
 Schottler, Conrad J. S.....
 So. Germantown
 Sleep, S. S.....Hartland, R. 21
 Stuesser, Eugene.....Richfield
 Ziemer, Paul.....Jackson, R. 2

Waukesha County

Baird, Robt. L.....Waukesha
 Blackwell, Leslie E.....Waukesha
 Boyd, James G.....Waukesha
 Brown, R. P.....Hartland, R. 21
 Butler, G. C.....Templeton
 Cooper, Joe.....Pewaukee
 Dance, Geo.....Brookfield
 Dance, James.....Brookfield
 Davies, Evan.....Waukesha, R. 8
 Dibble, R. A.....Menomonee Falls

Dineen, C. F. Pewaukee
 Dopp, Paul B. Waukesha
 Fuller, Albert. North Lake
 Fuller, Horace. North Lake
 Fuller, Roland. North Lake
 Graser, Adam H. Waukesha, R. 4
 Gurke, Erwin A. Waukesha
 Hall, Frank. Hartland, R. 21
 Hall, John M. Hartland, R. 21
 Hardy, John. Waukesha
 Hart, William C. Brookfield
 Heling, Paul.
 Menomonee Falls, R. 18
 Hill, Charley. Brookfield
 Hill, Chas. T. Brookfield
 Hill, J. T. Brookfield
 Jont, Lester H. Oconomowoc
 Hols, Albert. Dousman
 Kaul, E. H. Waukesha
 Knowlton, A. R. Waukesha
 Kraetsch, Alvin C.
 Menomonee Falls
 Kuhtz, Harvey A. Waukesha
 Lewis, Owen H. Genesee Depot
 Longley, H. N. Dousman
 Mitchell, Dean. Brookfield
 Mitwede, Henry. Waukesha
 Omann, C. H. Nashedah
 Peebles, John. Oconomowoc
 Peebles, Percy A.
 Oconomowoc, R. 26
 Pokfuss, Edward H. Waukesha
 Price, W. Howard. Waukesha, R. 9
 Reyer, Walter R. Templeton, R. 20
 Rosenow, Arthur. Oconomowoc
 Rosenow, H. E. Oconomowoc
 Schumacher, John F. Waukesha
 Stuart, Joe H. Wales
 Swanton, John. Oconomowoc
 Swartz, Peter C. Waukesha
 Swoboda, F. G. Dousman
 Tempero, Roy J. Menomonee Falls
 Williams, Orson P. Waukesha, R. 8

Waupaca County

Bestul, Martin. Scandinavia
 Harrington, Forest. Waupaca
 Harrington, Myron. Waupaca
 Johnson, Hanford. Iola
 Kendall, Myron. Iola
 Kneip, William. Weyauwega
 Knoke, Hugo. Readfield
 Kunkel, Arthur M. Manawa
 Larson, LeRoy. Iola
 Pinkerton, A. J. Waupaca
 Rosholt, Jacob A. Scandinavia
 Wall, Floyd. Weyauwega
 Wied, Edw. Waupaca

Waushara County

Bartleson, H. C. Pine River
 Evans, Edgar. Wild Rose
 Larson, J. M. Wautoma
 Owens, Edwin. Wild Rose
 Peterson, Emar A. Milladore
 Thorstad, Clarence. Wautoma, R. 6

Winnebago County

Blakely, Albert J. Neenah
 Boss, Sam., Jr. Oshkosh, R. 7
 Boss, Ulrich. Oshkosh
 Bussey, W. P. Omro
 Cross, A. J. Allenville
 Davies, J. C. Oshkosh
 Marshall, A. C. Omro
 Miller, Henry C. Allenville
 Olson, Harry. Larsen
 Palfrey, John R. Omro
 Smith, Seymour L. Oshkosh
 Tanner, A. V. Omro
 Wood, Calvin D. Oshkosh

Wood County

Allen, E. S. Vesper
 Kronholm, Edward. Grand Rapids

NON-RESIDENTS

Illinois

Beitel, Perry A. Rochelle, R. 3
 Bennett, H. J. Cherry Valley
 Bruning, Jacob. Shermerville
 Bryson, Donald L. Elizabeth
 Chetlain, Louis A. Galena
 Christensen, Emil. Woodstock
 Christenson, Emil. Hartland
 Corley, Fay H. Tower Hill
 Gaston, L. E. Barrington
 Hitchcock, H. R. Pecatonica
 Horton, James E. Waukegan
 Hoxsey, E. R. Seneca
 Jones, Ira P. Hinckley
 McGeachie, Edw. R. Winnebago
 Phillips, Jesse. Elizabeth
 Richardson, Geo. J. Spring Grove
 Sargent, Lester. Warren
 Vullmahn, Ernest F. Edgebrook

Iowa

Anderson, Theo. Waterville
 Brandt, Elmer H. Garnavillo
 Brooks, Homer H. Hopkinton
 George, Russel. Scranton
 Thompson, T., Jr. Wadena

<p style="text-align: center;">Indiana</p> <p>Dewire, M. E.....Hamilton Fuller, Robt.....Mishawaka Lindemann, J. H.....Mishawaka</p> <p style="text-align: center;">Michigan</p> <p>Meyer, A. J.....Howell, R. 7</p> <p style="text-align: center;">Minnesota</p> <p>Peace, Jas. W.....Duluth, R. 3 Vollrath, Aug.....St. Bonifacious Wiker, N. H.....Mabel</p> <p style="text-align: center;">Missouri</p> <p>Bliss, Geo. M.....Warrensburg</p> <p style="text-align: center;">Montana</p> <p>Meyer, Sidney.....Kalispell</p>	<p style="text-align: center;">Nebraska</p> <p>Semb, Allen.....Schuyler, R. 1 Wrabetz, Frank.....Schuyler, R. 1</p> <p style="text-align: center;">New York</p> <p>Mills, Stanley.....Walden Northrop, H. R..... East Hampton, Long Island</p> <p style="text-align: center;">Ohio</p> <p>Messerschmidt, S. H....Flat Rock</p> <p style="text-align: center;">South Dakota</p> <p>Porter, W. L.....Madison</p> <p style="text-align: center;">Texas</p> <p>Smith, Ray K.....El Paso</p> <p style="text-align: center;">Utah</p> <p>Carey, James.....Fruitland</p>
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Growers of Oderbrucker Barley (Wisconsin No. 55).

<p style="text-align: center;">Adams County</p> <p>Johnson, Billie....Strongs Prairie Lee, Royal D.....Arkdale Rodger, Almon.....Endeavor</p> <p style="text-align: center;">Ashland County</p> <p>Johnson, L. M.....Ashland, R. 2</p> <p style="text-align: center;">Barron County</p> <p>Allen, Eugene S.....Cumberland Bartlett, Ray.....Barron Bilderbach, W. T.....Chetek Chrislaw, A. M.....Rice Lake Heldstab, C. O.....Rice Lake Hustad, K. E.....Rice Lake Hustad, Milon.....Rice Lake Kamrath, Wm.....Cameron Matthys, Peter B.....Barron Matthys, Walter.....Barron Otterholt, Henry.....Chetek Poulter, Chas. J.....Cumberland Rauchenstein, John....Rice Lake Sackett, Clyde.....Cumberland</p> <p style="text-align: center;">Bayfield County</p> <p>Daly, Richard E.....Washburn</p>	<p style="text-align: center;">Brown County</p> <p>Nies, Peter.....Greenleaf, R. 3 Roeckel, Joseph P.....Lark</p> <p style="text-align: center;">Buffalo County</p> <p>Ames, Edward.....Fountain City Engel, George H....Fountain City Fetting, Edwin.....Alma Florin, Emil J.....Cochrane, R. 2 Florin, Henry.....Cochrane, R. 2 Joos, Frank B.....Fountain City Knospe, Chas. G., Jr....Alma, R. 1 Muehleisen, G.....Tell Rosenow, H. G.....Waumandee Rosenow, Wm. F.....Waumandee Rosenow, L. J.....Waumandee Srauding, L. C.....Mondovi Stuber, John H.....Cochrane Suhr, Adolph A.....Cochrane Suhr, Otto A.....Cochrane</p> <p style="text-align: center;">Calumet County</p> <p>Kircher, H. W.....Chilton, R. 3 Peik, Arthur.....Chilton Peik, Edmund.....Chilton Peterson, Hy. N.....New Holstein</p>
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Chippewa County

Bailey, Alfred B.....Jim Falls
 Christianson, W. O.....
Chippewa Falls, R. 6
 Finsnes, A. I.....Chippewa Falls
 Gupstill, L. R.....New Auburn
 Johnson, Albert I.....Bloomer
 King, Wm.....Jim Falls
 Kramer, Henry F.....Bloomer
 Lebeis, F. J.....Bloomer
 Martiny, L. P.....Chippewa Falls
 Siepert, F. W.....Chippewa Falls
 Upton, Harold F.....Jim Falls

Clark County

Beach, Glenn H.....Loyal
 Griffith, Jas.....Spencer
 Huckstead, A. A.....Neillsville
 Hughes, Jas.....Neillsville, R. 1
 Imig, Arthur H...Neillsville, R. 1
 Ives, L. W.....Granton
 Krause, Fred W.....Thorpe
 Nelson, Carl.....Greenwood
 Schultz, Walter W.....Neillsville
 Umlauf, Rudolph.....Dorchester
 Zerbel, Paul.....Humbird

Columbia County

Anaaker, Bernhard.....Portage
 Parstow, Jas. E.....Randolph
 Chipman, W. R.....Morrisonville
 Chrisler, Harley.....Lodi
 Curtis, Ray.....Poynette
 Dalton, Ernest E.....Pardeeville
 Dalton, Roy E.....Pardeeville
 Ellickson, A. C.....Arlington
 Glocckler, Theo.....Portage
 Grove, Albert.....Columbus, R. 6
 Grove, Christian.....Columbus
 Hoffman, Herman.....Portage
 Jones, R. G.....Columbus
 Livingston, E. C.....Randolph
 Lloyd, Evan B.....Cambria
 McElroy, W. H.....Pardeeville
 Owen, Thos. M.....Portage
 Roberts, A. C.....Pardeeville, R. 7
 Sharpee, Endre A.....Rio, R. 1
 Sharpee, J. A.....Rio, R. 1
 Steuber, L. J.....Lodi

Crawford County

Accola, Lawrence.....Steuben
 Davig, Neli.....Soldiers Grove
 Hjelle, Ole K.....Soldiers Grove
 Johnson, E. T.....Soldiers Grove
 Johnson, J. E.....Ferryville, R. 3
 Lawrence, W. J.....DeSoto
 Nagle, Lee.....Bridgeport

Dane County

Angvick, Lars.....Cottage Grove
 Anthony, D. C.....Oregon
 Beck, J. D.....Madison
 Bendickson, I. E.....Cambridge
 Benson, Ed. E.....Mt. Horeb
 Berge, Wm.....Cambridge
 Bewick, W. W.....Madison
 Birkinbine, Frank.....Sun Prairie
 Erickson, Abram.....McFarland
 Erickson, Andrew.....Cottage Grove
 Brigham, Chas. I....Blue Mounds
 Britzke, Paul.....London
 Brue, N. H.....De Forest
 Charles, Ed. S.....Madison
 Chase, J. P.....Sun Prairie
 Chatterton, R. W.....Basco
 Christianson, Irvin.....Deerfield
 Cobb, Homer A.....Sun Prairie
 Coldwell, John.....Mazomanie
 Colladay, W. E.....Stoughton
 Daley, E. S.....De Forest
 Daley, Julius.....De Forest
 Daley, O. S.....De Forest
 Daley, S. S.....De Forest
 Danielson, K. O.....Mt. Horeb
 Davison, R. W.....Sun Prairie
 Dineen, Michael.....Blue Mounds
 Doerfer, Wm.....Madison, R. 6
 Dreger, E. L.....Madison
 Egge, John S.....Cambridge
 Eley, T. B.....Madison, R. D.
 Erdall, M. N.....Deerfield
 Felland, George.....Madison, R. 1
 Gay, John.....Madison
 Gillies, J. H.....Stoughton
 Gillette, R. A.....Verona
 Goecks, Wm.....Madison, R. 1
 Graves, E. H.....Madison
 Grinde, L. S.....Morrisonville
 Grady, Geo.....Oregon
 Hanna, O. O.....Mt. Horeb
 Henning, Walter.....Mazomanie
 Hill, Otto C.....Mt. Horeb
 Holmen, O. H.....Pelleville
 Holscher, A. C.....Cottage Grove
 Hopkins, B. F.....Morrisonville
 Hougen, Halvor O.....Stoughton
 Hougen, S. O.....Stoughton
 Howe, T. R.....Sun Prairie
 Kaltenberg, Anthony...Waunakee
 Kaupunger, Gilman T...Stoughton
 Kendall, Geo. W.....Sun Prairie
 Kittlerm, Knut.....Mt. Horeb
 Kneeland, Peter.....Windsor
 Knudsen, Henry.....Mt. Horeb
 Koltos, Jos. F.....Dane
 Larson, Albert.....Madison, R. 1
 Larson, Lewis.....Madison, R. 1

Lee, Oliver.....Klevenville
 Lunde, K. I.....Edgerton
 Lythjohan, Carl.....Cottage Grove
 Mac Lean, Geo.....Madison, R. 6
 Mandt, Lawrence.....Sun Prairie
 McConnell, Oren M.....McFarland
 Mielke, F. D.....Windsor
 Meilke, J. E.....Basco
 Mikkelson, Thos.....Deerfield
 Mikkelson, Carl.....Deerfield
 Mitchell, Geo.....Cottage Grove
 Mitchell, J. T.....Cottage Grove
 Moen, Herman.....Cambridge
 Moore, Harry G.....McFarland
 Naef, Jacob.....Riley
 Nellen, Jac.....DeForest
 Ohman, Alfred.....Deerfield
 Ohman, S. S.....Deerfield
 Ohnstad, K. O.....Stoughton, R. 1
 Palmer, Levi.....Verona
 Peck, Henry M.....Marshall
 Pierstorff, Henry W..Madison, R. 6
 Pope, Roy W.....Sun Prairie
 Raftery, Agnes.....Windsor
 Reindahl, A. K.....Madison
 Reiner, Andrew.....Sun Prairie
 Renk Bros.....Sun Prairie
 Rhiner, Albert.....Riley
 Rhiner, Caspar.....Riley
 Rorge, A. O.....Stoughton
 Rorge, A. J.....Stoughton
 Royston, Thos.....Mazomanie
 Ryan, Gerald.....Sun Prairie
 Showers, M. W.....Mazomanie
 Silver, C. R.....Belleville
 Skare, Albert.....McFarland
 Smithback, Marvin.....Cambridge
 Stensly, Anton.....Cottage Grove
 Stensly, Ed. P.....Cottage Grove
 Strommen, Geo. K.....Cambridge
 Swerig, Carl.....Stoughton
 Thorstad, Harlon.....Deerfield
 Thorstad, N. H.....Deerfield
 Tjugum, F. E.....Sun Prairie
 Teepfer, Otto.....Madison, R. 7
 Veium, Tillef.....Stoughton, R. 3
 Wernich, Wm. H.....De Forest
 Wittenberg, E. F.....Middleton
 Wraletz & Semb.....Madison, R. 6
 Zabel, Edward.....Deerfield, R. 1

Dodge County

Adams, Lester B.....Lowell
 Parnes, Amy B.....Waupun
 Barstow, J. E.....Randolph
 Bohl, Anton.....Beaver Dam, R. 1
 Russewitz, W. E.....Juneau
 Craig, Geo. D.....Oconomowoc
 Dirks, Arthur.....Waupun
 Ehrhardt, Daniel.....Knowles

Goetsch, Albert A.....Juneau
 Grebe, Fred P.....Fox Lake
 Howitt, Chas. H.....Randolph
 Hutchinson, Wm. D.....Rubicon
 Johnston, Oney.....Watertown
 Jones, John G.....Beaver Dam, R. 4
 Jones, Owen R., Jr.....Beaver Dam
 Jones, Seneca T..Watertown, R. 1
 Jung, J. W.....Randolph
 Krueger, Alexander.....
Watertown, R. 2
 Krueger, Henry E.....Beaver Dam
 Lehmann, Mrs. A. W...Woodland
 Lehmann, T. A.....Watertown
 Luebke, D. W.....Watertown, R. 1
 Mahoney, David.....Juneau
 Miller, A. H.....Waupun
 Neuberger, William....Reeseville
 Owens, H. C.....Fox Lake
 Randall, S. M.....Waupun
 Rockhill, Wm. E.....Waupun
 Rex, Edgar.....Burnett
 Roberts, Wm. E.....Randolph
 Rusink, H. G.....Waupun
 Schiller, Claude E....Beaver Dam
 Schumann, Hugo.....Beaver Dam
 Steiner, W. H.....Brownsville
 Ulrich, Erwin C.....Horicon
 Voigt, Alvin....Oconomowoc, R. 26

Door County

Anthoff, Chas.....Brussels
 Poucein, Gust L....Detroit Harbor
 Bowman, Wallace...Detroit Harbor
 Buschman, Hugo.....Forestville
 Delcorps, Louis.....Sturgeon Bay
 Erickson, Ole C....Detroit Harbor
 Keogh, Harry.....Forestville
 Larson, Eli.....Sawyer
 Sorenson, Camillo...Sturgeon Bay
 Sullivan, J. J.....Forestville

Douglas County

Lindberg, E. J.....Itasca

Dunn County

Chase, A.....Knapp
 Knapton, W. E.....Downing
 Meacham, C.....Downing
 Miller, Will.....Menomonie
 Snell, Earl D.....Downing

Eau Claire County

Allen, C. L.....Eau Claire
 Carlson, Axel T.....Augusta, R. 4
 Donaldson, H. A....Eau Claire R. 6

Faast, Ben F. Eau Claire
 Konz, John, Sr. Fairchild
 Mayo, John H. Eau Claire
 McDermid, G. A. Eau Claire
 Russell, A. C. Augusta
 Wright, W. C. Eau Claire, R. 4

Florence County

Burgess, A. J. Florence

Fond du Lac County

Adams, A. E. Eden
 Adams, Richard F. Cambellsport
 Beilke, Walter. Fairwater
 Bonzelet, J. P. Eden
 Briggs, L. W. Peebles
 Briggs, J. W. Peebles
 Bristol, Wm. A. Oakfield
 Donovan, Frank. Van Dyne
 Giebel, Karl A. Fond du Lac, R. 7
 Hargrave, Robert O. Ripon
 Hinz, A. F. Ripon
 Hintz, William F. Oakfield, R. 26
 Howland, W. L. Waupun
 Hunter, Hobart R. Fond du Lac
 Jacky, Gilbert G. Malone, R. 39
 Jacky, H. L. Malone, R. 39
 Kastein, Herman. Waupun
 Kuehn, Chas. A. Brandon
 Lawson, W. A. Rosendale
 Mathews, Lee G. Brandon
 Maug, Arthur J. Ripon
 Meehin, H. W. Fond du Lac
 Meier, Edward F. Edin, R. 33
 Messner, Edward F. Oakfield
 Michels, Henry. Malone
 Mihills, D. R. Fond du Lac
 Mihills, G. N. Fond du Lac
 Miller, A. H. Waupun
 Northrup, Jesse. Waupun
 Patric, William. Waupun
 Peebles, S. S. Fond du Lac R. 2
 Porter, W. L. Fond du Lac
 Rieman, W. L. Ripon
 Sheldon, Ben F. Brandon
 Stroup, Fred G. Fond du Lac
 West, H. P. Ripon
 Whittaker, Horace E. Fond du Lac

Forest County

Grandine, Marton D. North Crandon

Grant County

Andrew, Geo., Jr. Livingston
 Barron, R. E. Platteville
 Bennett, Ora F. Glen Haven

Booth, Guy A. Cuba City
 Booth, Lester G. Cuba City
 Bryant, Clinton A. Hazel Green
 Bryant, R. J. Hazel Green
 Carmody, Daniel. Mt. Ida
 Carmody, P. J. Mt. Ida
 Cubela, Jos. M. Muscoda
 Dieter, Wm. A. Montfort
 Draves, Henry F., Jr. Montfort
 Farwell, Roy R. Ridgeway
 Frey, E. J. Mt. Hope
 Graham, P. S. Fennimore
 Kaiser, Wm. Louisburg
 Orth, A. F. Muscoda
 Rodda, Matt. Hazel Green
 Runde, Aloysius. Cuba City
 Runde, August. Sinsinawa
 Rundell, Dale E. Livingston
 Searles, Wm. L. Boscobel
 Simmons, Will. Cuba, R. 1
 Stivarius, Geo. A. Fennimore
 Trewartha, Edw. J. Hazel Green
 Wayne, Joseph. Boscobel
 Wieland, Charles. Lancaster

Green County

Austin, Elmer E. Brodhead
 Barmore, T. J. Monroe
 Pechtolt, A. B. Browntown
 Pechtolt, J. D. Browntown
 Biglow, L. F. Brooklyn
 Blumer, Ezra, Jr. Monroe
 Collentine, Arthur. Monroe
 Cornelius, E. C. Monroe
 Dettwiler, John. Monroe
 Gapen, C. E. Monroe
 Grenzow, Jesse H. Juda
 Iverson, C. M. Browntown
 Marty, Matthias. Monticello
 Mau, H. G. Brodhead
 Olson, William. Browntown, R. 2
 Preston, Wm. N. Juda
 Furintum, C. G. Monticello
 Strommen, A. A. Blanchardville
 Taucher Bros. Monroe
 Thompson, Gilbert G.
 Blanchardville
 Thorp, Eugene B. Monroe
 Tochterman, C. Jr. Monroe
 Tschudy, B. O. Monroe, R. 5
 Waelti, John. Monroe, R. 4
 Ward, Harold. Brodhead

Green Lake County

Block, Albert F. Markesan
 Davies, Elias. Markesan
 Robinson, Earl P. Markesan

Iowa County

Aavang, Henry O.....Barneveld
 Berryman, Chas. H.....Dodgeville
 Buss, Will G.....Mineral Point
 Chappel, Steve J.....Dodgeville
 Dolpin, Clarence.....Cobb
 Davis, Llewellyn....Mineral Point
 Farwell, R. R.....Ridgeway
 Gordon, A. L.....Mineral Point
 Gordon, C. D.....Mineral Point
 Gordon, J. Ray.....Mineral Point
 Graber, Edward.....Mineral Point
 Graber, Laurence F..Mineral Point
 Griffith, James.....Ridgeway
 Hanson, Carl O.....Hollandale
 Jones, Chas. Lloyd.....Hillside
 Jones, Orren Lloyd.....Hillside
 Jones, T. O.....Rewey
 Kitchen, Jos. H.....Edmund
 Ley, Nicholas.....Dodgeville, R. 4
 Paulson, H. E.....Hollandale
 Smedsrud, Melvin C...Hollandale
 Steensland, August...Hollandale
 Theobald, John S.....Barneveld
 Thomas, Roy E.....Dodgeville

Jackson County

Curran, W. F.....Taylor
 Dettinger, W. F.....Hixton
 Engleman, John.....Hixton
 Hecketsweiler, O. J...Alma Center
 Merrill, W. A.....Taylor
 Thompson, Adolph.....
Black River Falls

Jefferson County

Altpeter, Ed.....Ft. Atkinson
 Brueckner, H. C.....Ft. Atkinson
 Brueckner, Justus...Ft. Atkinson
 Christ, Albert.....Cambridge
 Church, A. P.....Whitewater
 Guttenberg, Frank, Jr...Jefferson
 Joice, Geo. E.....Waterloo
 Keuler, Aaron F.....Helenville
 Keuler, Harry.....Helenville
 Klement, Otto C.....Ft. Atkinson
 Leonard, Wm. R.....Jefferson
 Linton, Gilbert A.....Ft. Atkinson
 Main, H. A.....Ft. Atkinson
 Mathews, M. D.....Helenville
 McIntyre, Ivan.....Ft. Atkinson
 Norman, Frank.....Helenville
 Parsons, Wm. A.....Ft. Atkinson
 Popp, Arthur.....Jefferson, R. 2
 Ward, Charles E.....Ft. Atkinson
 Ward, Harold L.....Ft. Atkinson
 Ward, Robert W.....Ft. Atkinson

Juneau County

Curtis, J. C.....New Lisbon
 Hanzlik, Otto J.....Wonewoc
 Salem, Edward.....Wonewoc
 Smith, R. M.....Elroy, R. 1
 Wagner, J. M.....Union Center

Kenosha County

Bradley, J. Frank.....Somers
 Brook, J. W.....Salem
 Bullamore, Roy.....Kenosha
 Bullamore, R. G.....Kenosha
 Curtis, Mark W.....Trevor
 Curtis, Wm. V.....Trevor
 Deuter, Walter S.....Kenosha
 Holloway, John W...Union Grove
 Mueller, Math J.....Bristol
 care of P. J. Thom.
 Myrick, M. O.....Bristol
 Orvis, L. C.....Salem
 Paddock, Alvin D.....Salem
 Roberts, F. W.....Woodworth
 Sheen, Clarence J.....Trevor
 Sheen, W. J.....Trevor
 Thom, J. A.....Bristol, R. 30

Kewaunee County

Blahnik, Geo. F.....Algoma
 Roudnik, John.....Kewaunee, R. 7
 Collin, D. W.....Luxemburg
 Hoffman, Jacob.....Algoma
 Katel, W. C.....Kewaunee, R. 1
 Krofta, Rudolph...Kewaunee, R. 2
 Oestreich, R. C.....Kewaunee
 Smithwick, Jas.....Kewaunee

La Crosse County

Bonsack, Theo.....West Salem
 Eggler, Victor H...La Crosse, R. 1
 Fngebretson, Edwin S..West Salem
 Harr, Ernest B.....Bangor
 Hass, Reinhold A..La Crosse, R. 1
 Hemker, Fritz H.....West Salem
 Jewett, Harry.....Bangor
 Jones, E. E.....Rockland
 Lawrence, F. W.....Bangor
 Nelson, Osan.....La Crosse
 Nuttleman, Alfred L...West Salem
 Nuttleman, Fred.....West Salem
 Sandman, W. D.....Holmen

LaFayette County

Akins, Clyde E.....Warren, Ill.
 Carey, W. H.....Argyle

Erickson, Clarence...South Wayne
 Jorneby, Carl.....Blanchardville
 McConnell, F. J.....Darlington
 Perry, Will H.....Gratiot
 Rood Bros.....So. Wayne
 Sargent, Roy E.....Warren, Ill.
 Stewart, J. W.....Blanchardville
 Usher, Earl.....So. Wayne
 Usher, J. M.....So. Wayne
 Vinger, Milo J.....Argyle

Langlade County

Kalouner, Edward.....Antigo, R. 5
 Persen, Alfred.....Bryant

Manitowoc County

Axley, Walter.....Cleveland
 Ballestad, Lars.....Manitowoc
 Bauer, Adolph H..Manitowoc, R. 2
 Bruhn, John F....Two Rivers, R. 1
 Berge, Otis I.....Valders
 Clusen, Reinhold.....Manitowoc
 Geraldson, Mervin..Manitowoc, R. 4
 Gigstad, Benneth.....Valders
 Gunderson, Clifford..Manitowoc, R. 4
 Gustavson, Chas..Manitowoc, R. 4
 Halverson, Almer..Manitowoc, R. 1
 Heidemann, O. C.....Kiel, R. 2
 Hessel, Louis.....Manitowoc, R. 6
 Kielsmeier, Rudolph C...Timothy
 Klann, Adolph.....Hayton, R. 1
 Knutson, Ed A....Manitowoc, R. 4
 Kolb, Ed.....Cleveland, R. 2
 Marken, Otis A.....Valders
 Marken, Richard L.....Valders
 Paulsen, J. E.....Manitowoc, R. 4
 Rein, Robert.....Cleveland, R. 1
 Roethel, Herman.....Kiel
 Schulte, Peter J.....Cleveland
 Straka, Edward E.....Maribel
 Strowig, Wm. A....Cleveland, R. 1
 Sullivan, Jas. A.....Grimms
 Tyler, J. G.....Valders
 Wiegand, Otto R.....Cleveland
 Wigen, Andrew.....Quarry
 Wilkowske, Hugo.....Mishicot

Marathon County

Aschbrenner, H. H.....Stratford
 Baesemann, Otto.....Edgar
 Brehm, E. A.....Colby
 Griffith, James.....Spencer
 Heinke, Alvin E.....Stratford
 Nieman, Walter....Hamburg, R. 1
 Reinhardt, Walter H.....Wausau

Marinette County

Falarsh, Frank.....Peshtigo
 Olson, Otto W.....Walsh
 Gould, Merrill.....Peshtigo

Marquette County

Cairns, J. H.....Montello
 Gaffney, Ellery.....Oxford
 Houslet, Neal.....Packwaukee
 Johnson, Sam.....Westfield
 Judd, Jasper.....Endeavor
 Judd, Jesse L.....Endeavor
 Landgraff, Henry.....Endeavor
 McMillen, R. A.....Endeavor
 Parrott, Alfred.....Endeavor

Milwaukee County

Basse, Wm. H.....
Milwaukee, Sta. A., R. 4
 Guenther, Nelson W.....
So. Milwaukee, R. 17
 Hardy, John.....Wauwatosa
 Milwaukee, 935 Teutonia Ave.
 Kurtze, Otto C...West Allis, R. 15
 Meyer, Alfred.....Oakwood, R. 18
 Pierner, Fred.....No. Milwaukee
 Pierner, John W.....Thiensville
 Warzynakoski, Arthur.....
Oakwood, R. 18

Monroe County

Aarness, O. C.....Cashton
 Andrew, J. S.....Wilton
 Ebert, Edmund D.....Tomah
 Ebert, Francis E.....Tomah
 Finegan, Louis.....Sparta
 Foth, F. D.....Norwalk
 Fox, C. L.....Leon
 Freeman, G. A.....Sparta
 Grassman, Irwin.....Kendall
 Hanchett, W. H.....Sparta
 Hansen, Carl F.....Sparta
 Harris, R. E.....Warrens
 Heasty, Ralph.....Sparta
 Hitchcock, Clarence.....Sparta
 Howell, H. P.....Sparta
 Jones, S. R.....Leon
 Kirst, Ernest J.....Tomah
 McDonald, James P.....Sparta
 Peterson, John H.....Cashton
 Whitehead, H. W.....Leon

Outagamie County

Jamison, Robert.....Appleton
 Letts, Edward F....Appleton, R. 4

Merkel, Henry.....Appleton, R. 3
 Mueller, Edward O.....Appleton
 Ryan, Malachi.....So. Kaukauna
 Schaefer, R. J.....Appleton, R. 1
 Schmit, A. W.....Appleton
 Schmit, Geo.....Greenville, R. 16
 Schmit, John A.....Hortonville
 Tubbs, Herbert.....Seymour
 Wussow, Chas. A.....Seymour

Ozaukee County

Ahlers, Walter.....Grafton
 Plank, George A.....Grafton
 Clausung, Adolph.....Thiensville
 Gould, Merrill.....Peshtigo
 Meyer, A. H.....Grafton
 Pierner, John W.....Thiensville
 Port, Mike.....Port Washington
 Wulff, Wm.....Grafton

Pepin County

Fleishauer, Chas. K.....Arkansaw
 Hicks, Earl L.....Pepin, R. 1

Pierce County

Brown, Wm.....Spring Valley
 Dunbar, Geo. W., Sr.....River Falls
 Dunbar, Harold.....River Falls
 Hanson, Henry O.....Spring Valley
 Heinze, Louis.....Prescott
 Nelson, Emil.....River Falls
 Neystrom, Archie.....Maiden Rock
 Otis, Frank.....Maiden Rock
 Scheid, Byron J.....Bay City

Polk County

Christensen, Herman.....Milltown
 Germanson, Herbert.....Luck
 Hedlund, Adolph.....Clayton
 Lindberg, Clinton.....Dresser Jct., R. 1
 Nelson, Peter C.....Milltown
 Peterson, Eni.....Amery, R. 4
 Uhlin, Albin.....Clayton, R. 1
 Uhlin, Frank.....Clayton

Portage County

Arnott, Grace M.....Stevens Point
 Cate, Geo.....Stevens Point, R. 1
 Gullickson, Gustave.....Nelsonville
 Gullickson, Thos. O.....Nelsonville
 Hanson, J. K.....Stevens Point
 Hanson, N. P.....Amherst Jct., R. 2
 Lewis, Lloyd.....Stevens Point, R. 1
 Precourt, L. A.....Plover
 Smith, C. A.....Amherst

Wagner, Raymond G.....
Stevens Point, R. 1
 Wrolstad, Alfred M.....Amherst Jct.

Price County

Hoffman, Conrad.....Phillips, R. 1

Racine County

Cook, Geo. L.....Burlington
 Gehrand, Arthur A.....Rochester
 Grass, Frank.....Rochester
 Holloway, E. M.....Union Grove, R. 8
 Klofanda, Reuben.....Racine, R. 1
 Nau, Ray H.....Franksville
 Renak, Edw.....Racine, R. 2
 Robers, Wm. J.....Burlington, R. 20
 Rolfson, Clarence E.....
Waterford, R. 25
 Wilson, Wm. C.....Burlington

Richland County

Ghastin, Floyd.....Twin Bluffs
 Ghastin, Wm. J.....Twin Bluffs
 James, Geo. A.....Richland Center
 Janecek, Cyril.....Bloom City
 Jaquish, J. E.....Twin Bluffs
 Lord, Karl W.....Richland Center
 Nourse, Glen.....Sextonville
 Post, H. L.....Sextonville
 Schmitz, Edw. H.....Lone Rock
 Schmitz, Hubert.....Lone Rock
 Turgasen, J. H.....Richland Center

Rock County

Austin, Alpheus.....Janesville
 Austin, Alva G.....Janesville, R. 6
 Austin, Alvina L.....Evansville
 Austin, Clifford P.....Janesville
 Austin, George M.....Janesville, R. 6
 Austin, Wilbur B.....Janesville
 Austin, Wilbur D.....Janesville
 Babcock, J. G.....Evansville
 Barker, E. S.....Janesville
 Churchill, Arthur.....Janesville, R. 7
 Devine, C. B.....Evansville
 Dougan, W. J.....Beloit
 Ellis, E. J.....Evansville
 Fish, Esli.....Janesville, R. 7
 Godfrey, Burt K.....Janesville, R. 1
 Greene, J. I.....Clinton
 Hoague, Chas. C.....Janesville, R. 7
 Jacobs, S. M.....Janesville, R. 3
 Latta, F. L.....Clinton Jct.
 Marston, Albert.....Beloit, R. 30
 McCoy, Geo. L.....Evansville, R. 20

Nelson, Martin.....Milton
 Porter, J. K. P.....Evansville
 Porter, L. W.....Evansville
 Smith, L. E.....Beloit, R. 30
 Snyder, Clyde L.....Forestville
 Snyder, Robt. B.....Clinton

Rusk County

Beebe, A. B.....Bruce
 Pritchard, John T.....Flambeau

St. Croix County

Bennett, Wm. L....New Richmond
 Brunner, R. W.....Hudson
 Hecker, Paul.....New Richmond
 Imholt, B. A.....Houlton
 Kruschke, Geo. H. New Richmond
 Paulson, P. A.....Hudson
 Utgaard, Peter W.....Cylon

Sauk County

Accola, John.....Prairie du Sac
 Borck, Sam.....No. Freedom
 Clavadatscher, T.....Sauk City
 Cobleigh, Rollo S.....Delton
 Capener, W. R.....Baraboo
 Emery, George.....Logansville
 Frederickson, Fred..Spring Green
 Gade, Adolph.....Reedsburg
 Gallagher, J. G.....Reedsburg
 Gasser, George W....Spring Green
 Graves, D. W.....Baraboo
 Hansch, Albert.....Baraboo
 Hamburg, J. F.....Baraboo
 Harvey, C. B.....Wonewoc
 Hasz, Theodor.....Loganville
 Henrichs, Ernest.....Reedsburg
 Herwig, Richard.....Delton
 Herwig, Theo.....Delton, R. 1
 Hood, D. L.....Spring Green
 Koenecke, E. H.....Reedsburg
 Marshall, W. S.....Delton
 Ochsner, Arthur C.....Plain
 Pearson, Clarence..La Valle, R. 4
 Raltzman, A. L.....Reedsburg
 Rich, O. S.....Baraboo
 Rich, W. V.....Baraboo
 Riek, Anthony.....Plain
 Robson, Melvin.....Spring Green
 Rudewald, Walter C.....Baraboo
 Rusch, E. W.....Reedsburg
 Schaefer, Erwin S....Black Hawk
 Schuette, Herman W.....
Reedsburg, R. 3
 Siggelkow, M. E.....Baraboo
 Spencer, Hardy.....Baraboo
 Stone, Riley.....Reedsburg

Volz, Robert.....Ableman
 Vonder, Ohe, Wm. H...Reedsburg
 Weirich, Martin J.....Baraboo
 Wischoff, Edwin.....Reedsburg

Sawyer County

Thulin, Edwin.....Hayward
 Uhrenholdt, Jens.....Leonard

Shawano County

Berg, Carl.....Tigerton
 Hildemann, E. S.....Belle Plaine
 Klovdahl, John J.....Wittenberg
 Norrborn, C. G.....Eland
 Wedgwood, R. E.....Shawano

Sheboygan County

Blonien, Peter.....Elkhart
 Dennerlein, Arthur J...Plymouth
 Fisher, Louis.....Haven
 Frauenheim, O. R...Random Lake
 Garside, Harry R....Cedar Grove
 Herdrich, S. F.....Adell, R. 19
 Illian, W. L.....Adell, R. 19
 Oosterhuis, Alvin C.....
Sheboygan Falls
 Parrish, J. O.....Plymouth
 Te Selle, Clarence J.....
Sheboygan Falls
 Wagner, Arthur L.....Haven

Trempealeau County

Chrysler, Harvey.....Osseo
 Cooke, Carl.....Independence
 Coon, Leslie.....Osseo
 Dean, Robert.....Eleva
 Graul, Edw. J.....Independence
 Graul, Geo. W.....Independence
 Hegge, Julius.....Galesville
 Markham, F. C.....Independence
 Mattison, Thos.....Blair
 McCauley, Rex.....Osseo

Vernon County

Aberg, Jacob.....De Soto
 Bean, A. P.....De Soto
 Cade, Jos. M.....Viroqua
 Christensen, Johan...West Prairie
 Kjelland, Christian.....Viroqua
 Lewison, Thomas...Viroqua, R. 5
 McClurg, Walter.....Viroqua
 Neprud, Nels O.....Coon Valley
 Olson, Clarence.....Westby
 Olson, Gilbert C.....Westby
 Solem, Edw.....Wonewoc

Sebion, Cornelius.....Westby
 Sebion, Tennis.....Westby
 Sorem, Erick....West Prairie, R. 1
 Stegene, Chris.....Viroqua, R. 5
 Stromstad, P. L.....Coon Valley

Walworth County

Anderson, Alvin M.....Whitewater
 Bromley, Fred G.....
Whitewater, R. 4
 Cassidy, Wm. S.....Whitewater
 Coates, Clinton J.....Elkhorn
 Anderson, Alvin M.....Whitewater
 Coburn, Ora.....Whitewater
 Downey, U. J.....Whitewater
 Dunbar, Harry D.....Elkhorn
 Harris, Jesse S.....Delavan
 Lean, R. J., & Son.....Elkhorn
 Ledger, David.....Lake Geneva
 Lewis, E. H.....Whitewater
 Mack, Warren L.....Whitewater
 Marck, Fred R.....Honey Creek
 Meurer, Paul.....Genoa Jct.
 Mitchell, Edw. H.....Delavan
 Peters, Ezra.....Sharon
 Peterson, Peter.....Walworth
 Piper, Harry.....Sharon
 Ranney, P. C.....Elkhorn
 Robinson, A. S.....Lake Geneva
 Thacher, Ed. F.....Zenda
 Thacher, Louis E.....Zenda
 Thompson, A. N.....Delavan
 Thompson, Alfred.....Delavan

Washington County

Bast, Paul J.....Rockfield
 Berg, Jacob.....So. Germantown
 Dhein, Henry.....Rockfield
 Groth, C. A.....Cedarburg
 Hayes, Thos., Jr.....Richfield
 Klumb, Albert.....Richfield
 Klumb, Hugo G.....Kewaskum
 Klumb, Oscar.....Rockfield
 Kressin, Gustav R.....Cedarburg
 Milkee, George.....West Bend
 Murphy, Lawrence.....Hartford
 O'Connell, James.....Hartford
 Puls, John.....Hartford
 Schroeder, H. F.....West Bend
 Schottler, Conrad J.....
So. Germantown
 Schultz, Nelson F.....West Bend, R. 3
 Stuesser, Eugene.....Richfield
 Waldt, Hugo.....Jackson
 Ziemer, Joseph.....Jackson
 Ziemer, Paul.....Jackson

Waukesha County

Adams, Jay.....Waukesha, R. 5
 Adams, M. J.....Waukesha
 Baird, Wm. J.....Waukesha
 Blackwell, Leslie C.....Waukesha
 Cook, Irving O.....Nashotah, R. 23
 Dance, Geo.....Brookfield
 Dance, Ja-es.....Brookfield
 Dibble, Roy A.....Menomonee Falls
 Fuller, Horace.....North Lake
 Graser, Adam H.....Waukesha
 Greene, Howard.....Genesee Depot
 Haylett, Henry O.....Waukesha, R. 9
 Heling, Paul.....Menomonee Falls
 Jones, Albert.....Dousman
 Kaul, E. H.....Waukesha, R. 7
 Kutzt, Harvey A.....Waukesha
 Longley, H. N.....Dousman
 Montague, C. R.....No. Prairie
 Nicolaus, Chas. A.....Waukesha
 Roberts, Jack.....Waukesha
 Rosenow Bros.....Oconomowoc
 Rust, Shirley H.....Mukwonago
 Schafer, Chas. H.....Waukesha, R. 7
 Schroeder, F. C.....Hartland
 Shannon, M. J.....Oconomowoc
 Spaulding, C. F.....Oconomowoc
 Stewart, Joe H.....Wales
 Swan, L. W.....Mukwonago
 Swoboda, F. G.....Dousman
 Tempero, Roy J.....Menomonee Falls
 Weir, W. W.....Mukwonago
 Wetzel, Alvin.....Brookfield, R. 12
 Williams, Arthur R.....Waukesha
 Williams, D. T.....Waukesha, R. 8
 Wright, H. W.....Waukesha
 Zillmer, Wm. C.....Brookfield

Waupaca County

Ashnum, C. S.....Waupaca, R. 2
 Bestul, Martin J.....Scandinavia
 Bestul, Otto O.....Scandinavia
 Bigford, W. W.....Manawa
 Feathers, O. C.....Manawa
 Gorges, H. F.....New London
 Harrington, Myron.....Waupaca
 Heinrich, Otto W.....New London
 Klemm, Louis J.....Welcome
 Kneip, William.....Weyauwega
 Larson, LeRoy.....Iola
 Lemke, Albert.....Clintonville
 Nace, Franklin.....Iola
 Pinkerton, Altai J.....Waupaca
 Pirner, Fred.....Sugar Bush
 Raisler, Theodore.....Welcome
 Rosholt, Jacob A.....Scandinavia, R. 1
 Spencer, Earl.....Waupaca, R. 3
 Wied, Edward.....Waupaca

Waushara County

Anderson, Thos. E..... Wild Rose
 Bartleson, Harvey.. Pine River, R. 1
 Carey, Henry..... Redgranite
 Clark, J. J..... Berlin, R. 1
 Eagan, J. J..... Wautoma, R. 6
 Harris, A. M..... Plainfield
 Knuteson, Ernest L..... Wautoma

Winnebago County

Blakely, Albert J..... Neenah
 Blodgett, Gordon R..... Neenah
 Bussey, W. P..... Omro, R. 24
 Cross, A. J..... Allenville
 Hoelt, Chas. A..... Oshkosh,
 Linwood Farm
 Jackson, H. H..... Oshkosh
 104 Main St.
 Michels, Math..... Picketts
 Miller, Henry C..... Allenville
 Palfrey, John..... Omro
 Rasmussen, Fred... Neenah, R. 11
 Schaefer, R. J..... Appleton
 Smith, Seymour L..... Oshkosh
 Tanner, A. V..... Omro, R. 24
 Treleven, Guy T..... Omro
 Waite, Sumner R.... Oshkosh, R. 7
 Wood, Calvin D..... Oshkosh, R. 4

Wood County

Christensen, Peter.. Marshfield, R. 3
 Hanifin, Leo..... Grand Rapids
 Kieffer, J. C..... Auburndale
 Kronholm, V. E..... Grand Rapids

NON-RESIDENTS

California

Hauck, Nathan..... Alton

Connecticut

Haas, Geo. H..... Meriden

Illinois

Charles, Fred..... Woodstock
 Coffin, Russel H.... Rockford, R. 7
 Fellows, Samuel M.... Rockford
 George, W. R..... Sterling
 Hitchcock, H. R..... Pecatonica
 Halley, Guy R..... Rockford
 Hoxey, Edw. H..... Serena
 Richardson, G. J.... Spring Grove
 Smith, Russell..... Crystal Lake
 White, Arthur..... Rockford
 503 N. Church St.

Iowa

Anderson, Theo... Waterville, Iowa
 Berns, Xavier... Guttenberg, R. 1
 Brooks, Homer H.... Hopkinton
 Hawkins, A. B..... Farley
 Mathis, Adolph J.... Lansing
 Thompson, Thor., Jr..... Wadena

Maine

Fernald, Paul E.... West Oldtown

Michigan

Eskil, Odin..... Iron Mountain
 Meyer, A. J..... Howell, R. 7

Minnesota

Meyer, Wm..... Ellsworth
 Smith, J. G..... Farmington

Ohio

Doerschuk, John J.... Shanesville

Growers of Manshury Barley (Wisconsin No. 62).

Buffalo County		Kenosha County	
Muehleisen, Gottlieb.....	Tell	Orvis, L. C.....	Salem
Spaulding, L. C.....	Mondovi		
Columbia County		Kewaunee County	
Lloyd, Evan B.....	Cambria	Oestreich, R. C.....	Kewaunee
Dane County		La Crosse County	
Koltes, Leo. J.....	Dane	Sandman, W. D.....	Holmer
Mitchell, J. T.....	Cottage Grove		
Palmer, Levi.....	Verona	Manitowoc County	
Dodge County		Garey, James.....	Grimms
Bohl, Anton.....	Beaver Dam, R. 1	Marinette County	
Krueger, Henry E.....	Beaver Dam	Falarsh, Frank.....	Peshtigo
Eau Claire County		Racine County	
Allen, Chas. L.....	Eau Claire	Spartz, N. A.....	Union Grove
Donaldson, H. A.....	Eau Claire		
Konz, John, Sr.....	Fairchild	Richland County	
Fond du Lac County		Ghastin, Wm J.....	Twin Bluffs
Hinz, A. F.....	Ripon	Rock County	
West, H. P.....	Ripon	Austin, Alpheus.....	Janesville
Grant County		Austin, W. B.....	Janesville
Wiseman, Paul.....	Bridgeport	Sauk County	
Green County		Capener, Walter R.....	Baraboo
Marty, Matthias...	Monticello, R. 1	Ochsner, Arthur C.....	Plain

Growers of Ito San Soy Beans.

<p>Adams County</p> <p>Lee, Royal D.....Arkdale</p> <p>Buffalo County</p> <p>Bilderbach, Wm.....Mondovi Muehleisen, G.....Tell</p> <p>Calumet County</p> <p>Feik, Arthur.....Chilton</p> <p>Chippewa County</p> <p>King, Wm.....Jim Falls Upton, H. F.....Jim Falls</p> <p>Columbia County</p> <p>Lloyd, Evan B.....Cambria</p> <p>Crawford County</p> <p>Hjelle, Ole K.....Soldiers Grove Stevenson, Carl....Soldiers Grove</p> <p>Dane County</p> <p>Anthony, D. C.....Oregon Bewick, Wm. M.....Sun Prairie Pirrenkott, M. J.....Klevenville Brigham, Chas. I.....Blue Mounds Davidson, W. L.....Verona Mitchell, J. T.....Cottage Grove Schroeder, Robert....Morrisonville Wernich, Wm. H.....DeForest</p> <p>Dodge County</p> <p>Bohl, Anton.....Beaver Dam Puzzewitz, Raymond...Reeseville Grebe, Fred P.....Fox Lake Jones, John G.....Beaver Dam Jones, Owen R.....Beaver Dam Krueger, H. E.....Beaver Dam Neuberger, Wm. T.....Reeseville Schumann, Hugo.....Beaver Dam</p> <p>Door County</p> <p>Erickson, Ole C....Detroit Harbor</p> <p>Eau Claire County</p> <p>Allen, Chas. L.....Eau Claire</p>	<p>Fond du Lac County</p> <p>Hendrichs, J. H....Campbellsport Meekin, H. W.....Fond du Lac Whittaker, Horace E..Fond du Lac</p> <p>Grant County</p> <p>Carmody, P. J.....Mt. Ida Runde, Aloysius.....Cuba City Runde, Martin C.....Cuba City</p> <p>Green County</p> <p>Dettwiler, John.....Monroe Tschudy, B. O.....Monroe, R. & Ward, Harold.....Brodhead</p> <p>Iowa County</p> <p>Caldwell, John.....Mazomanie Farwell, Roy R.....Ridgeway Fitzsimmons, Ira A..Mineral Point</p> <p>Jefferson County</p> <p>Brown, A. A.....Waterloo</p> <p>Juneau County</p> <p>Hall, W. H.....Wonewoc</p> <p>Kenosha County</p> <p>Bradley, J. Frank.....Somers</p> <p>Kewaunee County</p> <p>Collin, D. W.....Luxemburg</p> <p>La Crosse County</p> <p>Bonsack, Theo.....West Salem Van Loon, John.....La Crosse</p> <p>La Fayette County</p> <p>Akins, Clyde E.....Warren, Ill. Sargent, Roy E.....Warren, Ill. Usher, Earl.....So. Wayne</p> <p>Langlade County</p> <p>Stewart, Blaine G.....Antigo</p>
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Manitowoc County

Bauer, Adolph H.Manitowoc, R. 2
 Sullivan, Jas. A.Grimms

Marquette County

Cairns, J. H.Montello
 McDowell, D. P.Packwaukee

Milwaukee County

Guenther, Nelson W.
So. Milwaukee

Monroe County

Lee, L.Leon
 Mistele, Wm.Kendall

Outagamie County

Jamison, Clarence.Appleton, R. 2
 Jamison, Robert.Appleton, R. 2
 Jamison, W. G.Appleton, R. 2
 Koss, Otto W.Medina
 Mills, Roscoe C.Appleton, R. 2
 Schmit, Albert.Appleton
 Schmit, A. W.Appleton
 Schmit, Geo.Greenville
 Schmit, Wm. F.Appleton

Portage County

Hicks, S. E.Almond
 Lewis, Lloyd.Stevens Point, R. 1
 Wagner, Raymond G.
Stevens Point, R. 1

Waupaca County

Ashmun, C. S.Waupaca
 Harrington, Myron H.Waupaca
 Larson, LeRoy.Iola
 Pinkerton, Altai J.Waupaca
 Spencer, E. H.Waupaca
 Wied, Edward.Waupaca

Richland County

Ghastin, Wm. J.Twin Bluffs
 Nourse, Glen.Sextonville
 Post, H. L.Sextonville
 Welsh, S. L.Tavera

Rock County

Hemingway, Geo. L.Hanover
 Peik, Edmund.Edgerton
 Porter, J. K. P.Evansville

St. Croix County

Alberts, Will.New Richmond
 Kruschke, Geo. H.New Richmond

Sauk County

Clavadatscher, T.Sauk City
 Gallagher, J. F.Reedsburg
 Herwig, Richard.Delton
 Herwig, Theo.Delton, R. 1
 Jens, Otto A.Sauk City
 Ochsner, A. C.Plain
 Riek, Anthony.Plain
 Rusch, E. W.Reedsburg

Sheboygan County

Dennerlein, A. J.Plymouth
 Frauenheim, O. R.Random Lake
 Illian, Wm. L.Adell, R. 19
 Leonard, M. J.Plymouth
 Ogle, James.Waldo
 Schaefer, Henry G.Plymouth

Vernon County

Neprud, Nels.Coon Valley
 Staley, John N.Hillsboro

Walworth County

Lean, R. J., & Son.Elkhorn
 Peterson, E. C.Whitewater

Waukesha County

Dibble, Roy A.
Menomonee Falls, R. 17
 Heling, Wm. C.Menomonee Falls
 Kaul, E. H.Waukesha, R. 7
 Kuhtz, Harvey A.Waukesha
 Rosenow Bros.Oconomowoc
 Tempero, Roy J.Menomonee Falls

Waushara County

Winge, Wm.Wild Rose

Winnebago County

Bussey, W. P.Omro, R. 24
 Cross, A. J.Allenville
 Michels, Math.Pickett
 Miller, Henry C.Allenville
 Palfrey, John.Omro

Growers of Early Black Soy Beans.

<p>Dodge County</p> <p>Krueger, H. E.....Beaver Dam</p> <p>Dunn County</p> <p>Kent, J. S.....Rusk</p> <p>Manitowoc County</p> <p>Sullivan, Jas. A.....Grimms</p> <p>Outagamie County</p> <p>Schmit, Geo.....Greenville</p> <p>Schmit, John A.....Hortonville</p> <p>Wussow, Chas. A.....Seymour</p>	<p>Pepin County</p> <p>Hicks, Earl L.....Pepin, R. 1</p> <p>St. Croix County</p> <p>Bennett, Wm. L....New Richmond</p> <p>Sheboygan County</p> <p>Frauenheim, O. R...Random Lake</p>
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Growers of Black Soy Beans.

<p>Adams County</p> <p>Walker, Ray C.....Plainville</p> <p>Barron County</p> <p>Bilderbach, W. T.....Chetek</p> <p>Calumet County</p> <p>Peik, Arthur.....Chilton</p> <p>Columbia County</p> <p>Dalton, Ernest E.....Pardeeville</p> <p>Dalton, Roy E.....Pardeeville</p> <p>Dane County</p> <p>Schroeder, Robt.....Morrisonville</p> <p>Dodge County</p> <p>Bohl, Joseph N.....Beaver Dam</p> <p>Howitt, Chas. H.....Randolph</p> <p>Jones, John G....Beaver Dam, R. 4</p> <p>Jones, Owen, R., Jr....Beaver Dam</p> <p>Kreuger, Henry E.....Beaver Dam</p> <p>Schiller, Claude E....Beaver Dam</p> <p>Green County</p> <p>Dettwiler, John.....Monroe</p>	<p>Iowa County</p> <p>Jones, Orren Lloyd.....Hillside</p> <p>Manitowoc County</p> <p>Heidemann, O. C.....Kiel, R. 2</p> <p>Outagamie County</p> <p>Mueller, Edw. O.....Appleton</p> <p>Richland County</p> <p>Ghastin, Wm. J.....Twin Bluffs</p> <p>Sauk County</p> <p>Ochsner, Arthur C.....Plain</p> <p>Sheboygan County</p> <p>Garside, Harry R.....Cedar Grove</p> <p>Waukesha County</p> <p>Swoboda, F. G.....Dousman</p> <p>Winnebago County</p> <p>Schaefer, R. J.....Appleton</p>
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Growers of Medium Early Green Soy Beans.

<p>Dodge County</p> <p>Ehrhardt, Daniel.....Knowles</p> <p>Grant County</p> <p>Runde, August.....Sinsinawa</p> <p>Outagamie County</p> <p>Wussow, Chas. A.....Seymour</p>	<p>Richland County</p> <p>Ghastin, Wm. J.....Twin Bluffs</p> <p>Waukesha County</p> <p>Swoboda, F. G.....Dousman</p>
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Growers of Yellow Soy Beans.

<p>Dodge County</p> <p>Howitt, Chas. H.....Randolph</p> <p>Jones, John G.....Beaver Dam</p> <p>Krueger, H. E.....Beaver Dam</p>
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Growers of Brown Soy Beans.

<p>Dodge County</p> <p>Eohl, Anton.....Beaver Dam</p> <p>Fond du Lac County</p> <p>Meekin, H. W.....Fond du Lac</p> <p>Manitowoc County</p> <p>Bauer, A H.....Manitowoc, R. 2</p>	<p>Monroe County</p> <p>Whitehead, H. W.....Leon</p> <p>Walworth County</p> <p>Peterson, E. C.....Whitewater</p> <p>Waukesha County</p> <p>Tempero, Roy J.Menomonee Falls</p>
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Growers of Silver King Corn (Wisconsin No. 7).

Adams County	
Lee, Royal D.....	Arkdale
Markham, F. C.....	Independence
Rodger, Ray.....	Endeavor
Walker, Ray C.....	Plainville
Barron County	
Bartlett, Ray.....	Barron
Christlaw, A. M.....	Rice Lake
Bayfield County	
Kinstler, Clarence L....	Washburn
Brown County	
Nies, Peter.....	Greenleaf, R. 3
Buffalo County	
Arms, Edward.....	Fountain City
Bilderbach, W. T.....	Mondovi
Engel, Geo. H.....	Fountain City
Joos, Frank B.....	Fountain City
Suhr, A. A.....	Cochrane
Whelan, John.....	Mondovi
Calumet County	
Kircher, H. W.....	Chilton, R. 3
Peik, Arthur.....	Chilton
Peik, Edmund.....	Chilton
Peterson, Hy. N.....	New Holstein
Chippewa County	
Pekken, Oscar.....	Bloomer
Martiny, L. P.....	Chippewa Falls
Clark County	
Beach, Glenn H.....	Loyal
Columbia County	
Cannon, F. A.....	Pardeeville
Capener, Howard.....	Portage
Chipman, W. R.....	Morrisonville
Dalton, Ernest E.....	Pardeeville
Dalton, Roy E.....	Pardeeville
Ellickson, A. C.....	Arlington
Emery, Geo. Q.....	Poynette
Gloeckler, Theo.....	Portage
Grove, Christian.....	Columbus
Grover, Albert.....	Columbus, R. 6
Jones, John R.....	Columbus
Lloyd, Evan B.....	Cambria
Sharpee, Carl.....	Columbus
Sharpee, Endre A.....	Rio, R. 1
Sharpee, J. A.....	Rio, R. 1
Steuber, L. J.....	Lodi
Crawford County	
Accola, Lawrence.....	Steuben
Bannen, R. E.....	Boscobel
Hjelle, Ole K.....	Soldiers Grove
Johnson, J. E.....	Ferryville
Stevenson, Carl.....	Soldiers Grove
Dane County	
Angvick, Lars.....	Cottage Grove
Anthony, David C.....	Oregon
Aslakson, Alfred....	Mt. Horeb, R. 4
Bendickson, I. E.....	Cambridge
Bewick, Wm. W.....	Madison
Birkinbine, Frank P....	Sun Prairie
Bollig, F. A.....	Black Earth
Brigham, Chas. I.....	Blue Mounds
Brue, N. H.....	De Forest
Chamberlain, Geo. C....	Windsor
Chase, J. P.....	Sun Prairie
Chatteron, Ray W.....	Basco
Christianson, Andrew....	Deerfield
Christianson, Irvin....	Deerfield
Clayton, A. W.....	So. Madison
Coldwell, John.....	Mazomanie
Colloday, W. E.....	Stoughton
Davidson, Wm. L.....	Verona
Davison, R. W.....	Sun Prairie
Donahue, M. J....	Madison, R. F. D.
Dreger, Emil.....	Madison, R. 6
Elvehjem, O. J.....	McFarland
Elver, E. C.....	McFarland
Ford, J. F.....	Mazomanie
Gav, John.....	Madison
Gillies, J. H.....	Stoughton
Gillette, R. A.....	Verona
Graves, E. H.....	Madison
Heineck, W. E.....	Madison
Hill, Otto C.....	Mt. Horeb
Hogan, Dominic.....	Wauwaukee
Holscher, A. C.....	Cottage Grove
Holzhter, Walter.....	Marshall
Hopkins, J. W.....	Morrisonville
Howe, T. R.....	Sun Prairie
Jones, E. F.....	Sun Prairie
Kalscheur, Lawrence....	Klevenville
Kaltenberg, Anthony....	Wauwaukee
Keenan, W. M., Jr.....	McFarland

Kendall, Geo. W.....Sun Prairie
 Koltes, Leo. J.....Dane
 Koltes, Jos. F.....Dane
 Lee, N. A.....Deerfield
 Lee, Oliver.....Klevenville
 Lee, Severt A.....Deerfield
 Lunde, Gunder.....Stoughton
 Lyman, C. A.....Sun Prairie
 Mandt, Lawrence.....Sun Prairie
 Mickelson, Thos.....Deerfield
 Mielke, J. O.....Basco
 Mikkelson, Carl.....Deerfield
 Mitchell, Geo.....Cottage Grove
 Mitchell, J. T.....Cottage Grove
 Moore, H. G.....McFarland
 Morgan, H. H.....Madison
 Morris, Geo. C.....Madison
 Nordlie, Alfred.....Deerfield
 Nordlie, C. K.....Rockdale
 Ohman, Alfred.....Deerfield
 Ohman, S. S.....Deerfield
 Patterson, Harley...Cottage Grove
 Pope, Roy W.....Sun Prairie
 Radermacher, John....Middleton
 Raftery, Agnes.....Windsor
 Reindahl, A. K.....Madison
 Rhiner, Albert.....Riley
 Rovston, Thos.....Mazomanie
 Ruhrmann, B. J.....Cross Plains
 Ryan, Gerald.....Sun Prairie
 Schroeder, Robert....Morrisonville
 Sharpee, P. A.....Morrisonville
 Showers, Milton W....Mazomanie
 Simonson, S. K.....Deerfield
 Skare, Albert.....McFarland
 Smithback, Marvin....Cambridge
 Stensly, Anton.....Cottage Grove
 Stensly, Ed. P.....Cottage Grove
 Swalem, P. O.....De Forest
 Thielke, Emil.....Madison, R. 6
 Thorstad, Harlon.....Deerfield
 Thorstad, N. H.....Deerfield
 Toepfer, Otto.....Madison, R. 6
 White, F. G.....Oregon
 Willmarth, E. E.....Sun Prairie
 Zabel, Edward.....Deerfield, R. 1

Dodge County

Adams, Lester B.....Lowell
 Barstow, Jas. E.....Randolph, R. 1
 Bohl, Anton, Jr....Bever Dam, R. 1
 Bohl, Jos. N.....Beaver Dam
 Brooks, Ed. J.....Watertown
 Pussewitz, Raymond...Reeseville
 Pussewitz, W. E.....Juneau
 Goetsch, Albert A.....Juneau
 Grebe, Fred P.....Fox Lake
 Henke, Louis.....Lowell
 Joice, George.....Waterloo

Johnston, Oney.....Watertown
 Jones, John G....Beaver Dam, R. 4
 Jones, Owen R., Jr...Beaver Dam
 Jones, Seneca T...Watertown, R. 1
 Klatt, Ernest.....Beaver Dam
 Krueger, H. E.....Beaver Dam
 Kuhlman, A. H.....Lowell
 Lehmann, Theo.....Watertown
 Lindemer, Geo. H....Juneau, R. 2
 Mahoney, David.....Juneau
 Miller, A. H.....Waupun, R. 2¹/₂
 Neuberger, Wm. T....Reeseville
 Owens, H. C.....Fox Lake
 Randall, S. M.....Waupun
 Roberts, Wm. E....Randolph, R. 3
 Schiller, Claude E....Beaver Dam
 Schumann, Hugo....Beaver Dam
 Sette, O. E.....Juneau
 Ulrich, Erwin C.....Horicon
 Voigt, Alvin.....Oconomowoc

Door County

Bowman, Wallace...Detroit Harbor
 Hocks, Walter.....Sturgeon Bay

Dunn County

Meacham, C.....Downing

Eau Claire County

Allen, Chas. L.....Eau Claire
 Carlson, Axel T....Augusta, R. 4
 Faast, Ben F.....Eau Claire
 Konz, John, Sr.....Fairchild
 Mayo, John, Jr.....Eau Claire
 Oliver, C. S.....Eau Claire
 Wright, W. C.....Eau Claire, R. 4
 Wyman, A. E.....Eau Claire

Fond du Lac County

Adams, Richard F...Campbellsport
 Adkins, M. V.....Ripon
 Briggs, E. T.....Fond du Lac
 Briggs, L. W.....Pebbles
 Briggs, J. W.....Pebbles
 Donovan, Frank.....Van Dyne
 Fisher, W. J....Fond du Lac, R. 7
 Halterman, R. K.Fond du Lac, R. 5
 Hendricks, J. H....Campbellsport
 Hintz, Geo. E.....Oakfield, R. 26
 Hintz, Wm.....Oakfield, R. 26
 Hinz, A. F.....Ripon
 Hunter, Hobart R.Fond du Lac, R. 5
 Kastein, Herman.....Waupun
 Kitchen, J. H.....Eldorado
 Koenigs, Phillip....Fond du Lac

Lawson, W. A.....Rosendale
 Maug, Arthur J.....Ripon
 McCormick, Fred W. Fond du Lac
 Meekin, H. W.....Fond du Lac
 Meier, Edward F.....Eden, R. 36
 Michels, Henry.....Malone
 Oltrey, Henry.....Fond du Lac
 Peebles, E. C.....Peebles
 Peebles, C. E.....Peebles
 Rather, Armand.....Peebles, R. 37
 Rather, W. A.....Peebles, R. 37
 Rieman, Elmer.....Ripon
 Root, Alvin W.....Fond du Lac
 Root, Frank W.....Fond du Lac
 Smith, Samuel A.....Oakfield
 Stauchfield, S. C.....Fond du Lac
 Stroup, Fred G.....Fond du Lac
 West, R. N.....Ripon
 Whittaker, Horace E. Fond du Lac

Grant County

Barron, R. E.....Platteville
 Pennett, Ora F.....Glen Haven
 Pooth, Guy A.....Cuba City
 Bryant, Clinton A.....Hazel Green
 Carmody, Daniel.....Mt. Ida
 Childs, S. S.....Boscobel, R. 6
 Dieter, Pert.....Livingston
 Dieter, Wm. A.....Montfort
 Di Vall, W. F.....Montfort
 Graves, Henry F., Jr.....Montfort
 Graham, P. S.....Fennimore
 Kaiser, Wm.....Louisburg
 Millman, D. R.....Platteville
 Rodda, Matt.....Hazel Green
 Runde, August.....Sinsinawa
 Runde, Martin C.....Cuba City
 Searles, Wm. L.....Boscobel
 Simmons, Will.....Cuba, R. 1
 Stivarius, Geo. A.....Fennimore
 Trewartha, Edw. J.....Hazel Green
 Wayne, Joseph.....Boscobel
 Wieland, Charles.....Lancaster
 Wiseman, Paul.....Bridgeport

Green County

Bechtolt, A. B.....Browntown
 Bechtolt, J. D.....Browntown
 Collintiné, Arthur.....Monroe
 Dettwiler, John.....Monroe
 Gapen, C. E.....Monroe
 Iverson, C. M.....Browntown
 Kundert, Wm.....Monroe
 Marty, Mathias.....Monticello
 Mau, H. G.....Brodhead
 Murdock, C. R.....Brodhead
 Murdock, John C.....Brodhead
 Olson, Wm.....Browntown, R. 2

Preston, W. N.....Juda
 Roderick, Lee M.....Juda
 Smiley, Jas. B.....Albany
 Stauffacher, A. J.....Monroe
 Strommen, A. A.....Blanchardville
 Thompson, G. G.....Blanchardville
 Tochtermann, C., Jr.....Monroe
 Tschudy, B. O.....Monroe, R. 5
 Waelti, John.....Monroe, R. 4
 Ward, Harold.....Brodhead
 Wood, John.....Albany

Green Lake County

Block, Albert F.....Markesan
 Davies, Elias.....Markesan
 Page, G. F.....Berlin
 Vine, Callice H.....Marquette

Iowa County

Aavang, Henry O.....Barneveld
 Berryman, Chas. H.....Dodgeville
 Buss, Will G.....Mineral Point, R.
 Coldwell, John.....Mazomanie
 Dolplin, Clarence.....Cobb
 Farwell, R. R.....Ridgeway
 Fitzsimmons, Ira A. Mineral Point
 Gordon, A. L.....Mineral Point
 Gordon, C. D.....Mineral Point
 Gordon, J. Roy.....Mineral Point
 Graber, Edward.....Mineral Point
 Jones, Chas. Lloyd.....Hillside
 Jones, Orren Lloyd.....Hillside
 Kitchen, Jos. H.....Edmund
 Ley, Nicholas.....Dodgeville, R. 4
 Paulson, H. E.....Hollandale
 Thomas, Roy E.....Dodgeville

Jackson County

Curran, W. F.....Taylor
 Engleman, John.....Hixton
 Sims, Orley F.....Melrose
 Thompson, Adolph.....
Black River Falls

Jefferson County

Anthes, Henry.....Jefferson
 Becker, Harry J.....Ft. Atkinson
 Bell, Wm. E.....Oconomowoc, R. 27
 Brueckner, Justus.....Ft. Atkinson
 Church, A. P.....Whitewater
 Emmert, H. L.....Johnson Creek
 Guttenberg, Frank, Jr.....Jefferson
 Joice, Geo. E.....Waterloo
 Klement, Otto C.....Ft. Atkinson
 Lehmann, Theo.....Watertown, R. 1
 Leonard, Wm. R.....Ft. Atkinson
 Main, H. A.....Ft. Atkinson

McIntyre Bros.....Ft. Atkinson
 Nouman, Frank.....Helenville
 Parsons, Wm. A.....Ft. Atkinson
 Popp, Arthur.....Jefferson, R. 2
 Ward, Charles E.....Ft. Atkinson
 Ward, Harold L.....Ft. Atkinson
 Ward. Rcbt. W..Ft. Atkinson, R. 1

Juneau County

Curtis, J. C.....New Lisbon
 Hall, W. H.....Wonewoc
 Hansen, Harry.....Camp Douglas
 Mead, R. E.....New Lisbon
 Moore, Henry G.....Mauston
 Ritland, Carl.....Elroy
 Solem, Edward.....Wonewoc
 Wagner, J. M.....Union Center

Kenosha County

Bradley, J. Frank.....Somers
 Myrick, Mead O.....Bristol
 Northway, M. J.....Kenosha
 Orvis, L. C.....Salem
 Paddock, Alvin.....Salem
 Sheen, W. J.....Trevor
 Thiers, L. M.....Kenosha
 Thom, J. A.....Bristol

Kewaunee County

Collin, D. W.....Luxemburg
 Defnet, J. J.....Casco, R. 2
 Hoffman, Jacob.....Algoma
 Koemich, Ed.....Kewaunee

La Crosse County

Bonsack, F. M.....La Crosse
 Bonsack, Theo.....West Salem
 Egger, Victor H....La Crosse, R. 1
 Griswold, H. W.....West Salem
 Harr, Ernest B.....Bangor
 Herold, Rudolph.....Stoddard
 Jewett, Harry.....Bangor
 Jones, E. E.....Rockland
 Kammlade, Stephen G.....Bangor
 Lawrence, F. W.....Bangor
 Mueller, Walter E.....La Crosse
 Mulder, B. W.....Midway
 Nelson, Osan.....La Crosse
 Nuttleman, Adolph...West Salem
 Nuttleman, Alfred L...West Salem
 Sandman, W. D.....Holmen
 Van Loon, John.....La Crosse

Lafayette County

Bridgman, C. R.....Darlington
 Bryant, Clinton A....Hazel Green

Jorenby, Carl.....Blanchardville
 Rood Bros.....South Wayne
 Ruskell, L. E.....Belmont
 Usher, J. M.....South Wayne
 Vinger, Milo J.....Argyle

Manitowoc County

Behm, Walter.....Manitowoc
 Berg, Anton.....Valders
 Berge, Otis I.....Valders
 Garey, James.....Grimms
 Heidemann, O. C.....Kiel, R. 2
 Kielsmeier, R. C.....Timothy
 Klann, Adolph.....Hayton, R. 1
 Paulson, J. E.....Manitowoc, R. 4
 Pederson, Cornelius.....Cato
 Pritzl, John.....Cato
 Roethel, Herman.....Kiel
 Tyler, James.....Valders
 Wilkowske, Hugo.....Mishicot

Marathon County

Aschbrenner, H. H.....Stratford

Marinette County

Gould, Guy.....Feshtigo
 Gould, Merrill.....Peshtigo
 Schneider, G. P.....Walsh

Marquette County

Houslet, Neal.....Packwaukee
 Judd, Jesse L.....Endeavor
 McDowell, D. P.....Packwaukee
 McMillen, C. A.....Endeavor, R. 1
 Parrott, Alfred.....Erdeavor

Milwaukee County

Basse, Wm. H....West Allis, R. 5
 Butler, Ed..North Milwaukee R. 11
 Diderrick, N. A.....
No. Milwaukee, R. 10
 Fuller, S. L. Milwaukee, 126 26th St.
 Gridley, Ben.....Wauwatosa
 Guenther, Nelson. W. So. Milwaukee
 Jelinek, Benj.....
 ..Milwaukee, 935 Feutonia Ave
 Kroeger, B. C.....
Milwaukee, 403 1st Ave.
 Kurtze, Otto C...West Allis, R. 15
 Mahr, Henry.....Caledonia
 Meyer, A. J.....Oakwood, R. 18
 Muller, Geo. C.....
Milwaukee, 232 Grove St.
 Pierner, Fred...North Milwaukee
 Schlafman, Fred W..No. Milwaukee

Swan, Earling.....
Milwaukee Sta. B., R. 6
 Unger, Edw...No. Milwaukee, R. 9

Monroe County

Andrew, J. S.....Wilton
 Babcock, H. E.....Sparta
 Boeder, Otto.....Milton
 Ebert, Edmund D.....Tomah
 Ebert, Francis E.....Tomah
 Foth, F. D.....Norwalk
 Fox, C. L.....Leon
 Freeman, G. A.....Sparta
 Gamberdinger, John.....Kendall
 Grassman, Irwin.....Kendall
 Hanchett, W. H.....Sparta
 Hansen, Carl F.....Sparta, R. 3
 Hitchcock, C. E.....Sparta
 Hoard, L. R.....Cataract
 Howell, Horace P.....Sparta
 Kirst, Ernest J.....Tomah
 Lee, L.....Leon
 Leverich, J. W.....Sparta
 Miller, Louis A.....Sparta
 Mistele, W.....Kendall
 Moseley, A. G.....Cataract
 Nathan, Paul R.....Kendall
 Peterson, John H.....Cashton
 Steinbach, Otto.....Kendall, R. 2
 Whitehead, H. W.....Leon

Outagamie County

Dietz, Ed.....Greenville
 Hanson, H. Edward.....Appleton
 Jamison, Robert.....Appleton
 Jochman, Peter...Greenville, R. 16
 Letts, Edward F...Appleton, R. 1
 Ryan, Malachi.....So. Kaukauna
 Schmit, A. W.....Appleton
 Schmit, Geo.....Greenville, R. 16
 Schmit, John A.....Hortonville
 Schmit, Wm. F.....Appleton
 Taege, John.....Appleton, R. 4
 Wussow, C. A.....Seymour

Ozaukee County

Ahlers, Walter.....Grafton
 McCarthy, Geo.....Fredonia
 Wulff, Fred.....Grafton

Pepin County

Hicks, Earl L.....Pepin

Pierce County

Aastrum, Chas. J.....
Spring Valley, R. 3
 Bailey, H. E.....River Falls
 Nelson, Emil.....River Falls
 Scheid, Byron J.....Bay City
 Smith, Fred.....River Falls, R. 6

Polk County

Christenson, Herman....Milltown
 Hedlund, Adolph.....Clayton
 Hecker, Paul.....Osceola
 Peterson, Eni.....Amery, R. 4

Portage County

Arnott, Grace M....Stevens Point
 Boston, W. J.....Stevens Point
 Gullickson, Gustave...Nelsonville
 Gullickson, Thomas...Nelsonville
 Hicks, S. E.....Almond
 Katerndahl, Carl...Stevens Point
 Wagner, Raymond G.....
Stevens Point, R. 18
 Wrolstad, Alfred M...Amherst Jct.

Price County

Hoffmann, Conrad.....Phillips

Racine County

Gehrand, Arthur A.....Rochester
 Holloway, Ed. M.....
Union Grove, R. 8
 Klofanda, Reuben.....Racine, R. 1
 Nau, Ray H.....Franksville
 Renak, Edw.....Racine, R. 2
 Robers, Wm. J.....Burlington
 Spartz, N. A.....Union Grove
 Wilson, Wm. C.....Burlington

Richland County

Durnford, G. A.....Rockbridge
 Ellsworth, Raymond.....Tavera
 Ghastin, Wm. J.....Twin Bluffs
 James, Geo. A.....Richland Center
 Janecek, Cyril.....Bloom City
 Nourse, Glen.....Sextonville
 Post, H. L.....Sextonville
 Schmitz, Hubert.....Lone Rock
 Thorpe, J. R.....Tavern

Rock County

Austin, Alpheus.....Janesville
 Austin, A. G.....Janesville, R. 6
 Austin, A. L.....Evansville

Austin, W. B.....	Janesville	Riek, Anthony.....	Plain
Bingham, E. L.....	Milton	Robson, Melvin.....	Spring Green
Caig, Ernest M.....	Milton Jct.	Rodewald, W. C.....	Baraboo
Caldo, Leslie.....	Janesville	Rusch, E. W.....	Reedsburg
Chase, Albert L.....	Milton	Shaefer, Ervin S.....	Black Hawk
Cooper, M. W.....	Edgerton	Schuette, H. W.....	Reedsburg, R. 3
Crandall, W. T.....	Milton	Sherwood, Chas. B....	Spring Green
Devine, C. B.....	Evansville	Seidtmann, Edwin.....	Merrimac
Dougan, W. J.....	Beloit	Stone, Riley.....	Reedsburg
Ellis, E. J.....	Janesville	Wichern, L. M.....	Baraboo, R. 4
Emery, Sydney.....	Edgerton	Wischoff, Edwin.....	Baraboo
Godfrey, Burt K....	Janesville, R. 1		
Greene, J. I.....	Clinton	Shawano County	
Hemingway, Geo. L....	Hanover	Berg, Carl.....	Tigerton
Icague, Chas. C....	Janesville, R. 7	Jahnke, H. F.....	Regina
Howe, Louis H.....	Brodhead		
Lathers, Chas. F.....	Beloit	Sheboygan County	
Latta, F. L.....	Clinton Jct.	Blonien, Peter.....	Elkhart
Marston, Albert.....	Beloit, R. 30	Frauenheim, O. R....	Random Lake
Marston, Roy C.....	Beloit	Garside, Harry R.....	Sheboygan
Moseley, H. B.....	Beloit	Herdich, S. F.....	Adell
Peik, Edmund.....	Edgerton	Leonard, M. J.....	Plymouth
Pierce, Henry.....	Milton Jct.	Ogle, James L.....	Waldo
Seeger, Carl.....	Beloit	Oosterhuis, Alvin C.....Sheboygan Falls
Smith, L. E.....	Beloit, R. 36	Schaefer, Henry G....	Plymouth
Snyder, Clyde L.....	Footville	Wagner, Arthur L.....	Haven
Snyder, R. B.....	Clinton		
		Taylor County	
St. Croix County		McMillan, H. N.....	Medford
Batten, Sidney.....	Hudson		
Bennett, Wm. L....	New Richmond	Trempealeau County	
Brunner, R. W.....	Hudson	Graul, Edward J.....	Independence
Hecker, Paul.....	New Richmond	Hegge, Julius.....	Galesville
Inholt, B. A.....	Houlton	Hermann, F. F.....	Osseo
Jerdee, Alfred O....	Deer Park		
		Vernon County	
Sauk County		Aberg, Jacob.....	De Soto
Accola, John.....	Prairie du Sac	Bean, R. P.....	De Soto
Clavadatscher, T.....	Sauk City	Burris, W. E.....	Kendall, R. 5
Capener, Walter A....	Baraboo	Cass, Leonard E.....	Viroqua
Frederickson, Fred...	Spring Green	Dach, C. B.....	Viroqua
Gade, Adolph.....	Reedsburg	Everson, Fred.....	De Soto, R. 2
Gallagher, J. F.....	Reedsburg	Grimsrud, J. A.....	Coon Valley
Gasser, Geo. W.....	Spring Green	Haverley, H. L.....	Victory
Gasser, Roy.....	Prairie du Sac	Herold, Rudolph.....	Stoddard
Grub, C. H.....	Baraboo	Salem, Edw.....	Wonewoc
Harvey, C. B.....	Wonewoc	Staley, John N.....	Hillsboro
Herwig, Theo.....	Delton		
Hood, D. L.....	Spring Green	Walworth County	
Houghtan, F. T.....	Reedsburg	Anderson, Alvin M....	Whitewater
Koenecke, Edw. H.	Reedsburg, R. 5	Coates, Clinton J.....	Elkhorn
Lachmund, Robert....	Sauk City	Cusack, M. E.....	Darien
Luitscher, Irvin.....	Plain	Downey, U. J.....	Whitewater
Marshall, W. S.....	Delton		
Palmer, H. P.....	Baraboo		
Pearson, Clarence...	La Valle, R. 4		
Raltzman, A. L.....	Reedsburg		
Rich Bros.....	Baraboo		

Dunbar, Harry D.....Elkhorn
 Fuller, Leroy.....Lake Geneva
 Harris, Ben F.....Delavan
 Harris, Jesse S.....Delavan
 Ledger, David.....Lake Geneva
 Mack, Warren.....Whitewater
 Meurer, Paul.....Genoa Jct.
 Mitchell, Edward H.....Delavan
 Nichols, Vernon.....Walworth
 Peterson, E. C.....Whitewater
 Peterson, Ezra.....Sharon
 Peterson, Peter.....Walworth
 Petrie, Merton.....Elkhorn
 Piper, Harry.....Sharon
 Ranney, P. C.....Elkhorn
 Robinson, A. S.....Lake Geneva
 Thacher, Ed. T.....Zenda
 Thompson, A. N.....Delavan
 Warmington, Prentice.Honey Creek

Washington County

Backhaus, Franklin G...Kewaskum
 Bast, Paul J.....Rockfield
 Berg, Jacob.....So. Germantown
 Dhein, Henry.....Rockfield
 Hayes, Thomas, Jr.....Richfield
 Juergens, Henry.....Hartford
 Klumb, Albert.....Rockfield
 Klumb, Hugo G.....Kewaskum
 Puls, John.....Hartford
 Schottler, Conrad J.....
So. Germantown
 Schultz, Nelson F..West Bend, R. 3
 Stuesser, Eugene.....Richfield
 Ziemer, Paul.....Jackson

Waukesha County

Allen, Arthur J.....Wales, R. 31
 Baird, J. W.....Waukesha
 Baird, R. L.....Waukesha
 Bartlett, Geo. W..Menomonee Falls
 Blackwell, Leslie.....Waukesha
 Boller, J. F.....Nashotah
 Burton, Roy.....Eagle, R. 35
 Christensen, John L.....Hartland
 Dance, George.....Brookfield
 Dibble, Roy A...Menomonee Falls
 Dopp, Paul B.....Oconomowoc
 Evans, Wm. H.....Wales, R. 1
 Fuller, Horace.....North Lake
 Graser, Adam H.....Waukesha
 Greengo, A. L...Menomonee Falls
 Hall, Frank.....Hartland, R. 21
 Hart, C. B.....Brookfield
 Hart, Wm. C.....Brookfield, R. 12
 Heling, Paul....Menomonee Falls
 Hicken, Alfred B.....Pewaukee
 Hill, Chas. T.....Brookfield

Hill, J. Thos.....Brookfield
 Jeffery, H. B....Menomonee Falls
 Kaul, E. H.....Waukesha, R. 7
 Kultz, Harvey H.....Waukesha
 Longley, H. N.....Dousman
 Mitchell, Dean.....Brookfield
 Mitwede, Henry.....Waukesha
 Montague, C. R.....No. Prairie
 Morris, Leslie D...Waukesha, R. 8
 Peebles, John.....Oconomowoc
 Rosenow Bros.....Oconomowoc
 Rowlands, R. W.....Waukesha
 Ryan, Geo.....Brookfield, R. 12
 Schafer, Chas. H..Waukesha, R. 7
 Schley, E. G.....Waukesha
 Schroeder, F. C.....Hartland
 Shultis, A. D.....Waukesha
 Sleep, S. S.....Waukesha, R. 21
 Spaulding, C. F.....Oconomowoc
 Stewart, J. H.....Wales
 Swan, L. W.....Mukwonago
 Swoboda, F. G.....Dousman
 Tempero, Roy J: Menomonee Falls
 Van Buren, E. W..Waukesha, R. 2
 Weir, R. J.....Mukwonago
 Wetzell, Henry.....Brookfield

Waupaca County

Ashuun, C. S.....Waupaca, R. 2
 Bestul, Otto O.....Scandinavia
 Bigford, W. W.....Manawa
 Gorges, H. F.....New London
 Harrington, Myron.....Waupaca
 Heinrich, Otto W....New London
 Klemm, Louis J.....Welcome
 Kneip, William.....Weyauwega
 Larson, LeRoy.....Iola
 Olson, Nels E.....Iola
 Pirner, Fred.....Sugar Bush
 Rosholt, Jacob A..Scandinavia, R. 1
 Spencer, Earl H...Waupaca, R. 3

Wausara County

Anderson, Thos. E....Wild Rose
 Bartleson, Harvey.Pine River, R. 1
 Bell, L. C.....Wautoma
 Clark, J. J.....Berlin
 Eagan, J. J.....Wautoma, R. 6
 Harris, A. M.....Plainfield
 Jacklin, B. H.....Redgranite
 Knuteson, Ernest L....Wautoma
 Peterson, James.....Pine River
 Selsing, Andrew.....Wautoma
 Tice, Ray.....Redgranite
 Tice, Roy.....Redgranite
 Winge, Wm.....Wild Rose

Winnebago County

Bussey, W. P. Omro, R. 24
 Cross, A. J. Allenville
 Hoeft, Chas. A. Oshkosh, R. 1
 Ihrig, J. J. Oshkosh
 Jackson, H. H.
 Oshkosh, 104 Main St.
 Michels, Math. Picketts
 Miller, Henry C. Allenville
 Palfrey, John. Omro
 Rasmussen, Fred. Neenah, R. 11
 Schaefer, R. J. Appleton
 Smith, Seymour L. Oshkosh
 Tanner, A. V. Omro, R. 24
 Treleven, Guy T. Omro
 Waite, Summer R. Oshkosh, R 7

Wood County

Clark, Chas. F. Babcock
 Leu, O. J. Grand Rapid
 Rector, Carroll V. Grand Rapids

NON-RESIDENTS**Connecticut**

Haas, Geo. H. Meriden

Illinois

Bryson, Donald L. Elizabeth
 Charles, Fred. Woodstock
 Coffin, Russell H. Rockford, R. 7
 Fellows, Samuel H. Rockford
 George, W. R. Sterling

Hitchcock, H. R. Pecatonica
 Hoxsey, Edw. H. Serena
 McGeachie, E. P. Winnebago
 Richardson, G. J. Spring Green
 White, Arthur. Rockford
 503 N. Church St.

Iowa

Anderson, Theo. Waterville
 Berns, Xavier. Guttenberg, R. 1
 Brooks, Homer H. Hopkinton
 Thompson, Thos., Jr. Wadena

Michigan

De Forést, Theo. R. Ann Arbor
 Meyer, A. J. Howell, R. 7

Minnesota

Meyer, Wm. Ellsworth

Nebraska

Wrabetz, Frank. Schlyer, R. 1

New York

Mills, Stanley. Walden

Ohio

Doerschuk, John J. Shanesville
 Ernst, Claude. Thompson
 Flat Rock

Growers of Golden Glow Corn (Wisconsin No. 12).**Adams County**

Walker, Ray C. Plainville

Barron County

Allen, Eugene S. Cumberland
 Howe, John. Comstock
 Matthys, Peter. Barron
 Matthys, Walter. Barron
 Poulter, Charley. Cumberland
 Poulter, C. J. Cumberland
 Rauchenstein, John. Rice Lake
 Sackett, Clyde. Cumberland

Bayfield County

Daly, Richard E. Washburn

Buffalo County

Rosenow, Arthur. Alma

Calumet County

Christoph, Theo F. Chilton

Chippewa County

Bailey, Alfred B. Jim Falls
 Christianson, W. O.
 Chippewa Falls, R. 6
 King, Wm. Jim Falls
 Schroeder, Herman F. Jim Falls

Clark County

Nelson, Carl.....Greenwood
Smith, Jesse.....Loyal
Zerbel, Paul.....Humbird

Columbia County

Cannon, E. A.....Pardeeville

Crawford County

Accola, Lawrence.....Steuben

Dane County

Silver, C. R.....Belleville
Thorstad, N. H.....Deerfield

Dodge County

Bohl, Anton.....Beaver Dam
Grebe, F. P.....Fox Lake
Howitt, Chas. H.....Randolph
Krueger, H. E.....Beaver Dam
Lehmann, Mrs. Eva.....Woodland
Owens, H. C.....Fox Lake
Randall, S. M.....Waupun
Steiner, W. H.....Brownsville

Door County

Delcorps, Louis.....Sturgeon Bay
Herrhold, J. W.....Sturgeon Bay
Hocks, Walter.....Sturgeon Bay
Larson, Eli.....Sawyer
Sorenson, Camillo....Sturgeon Bay

Dunn County

Gerking, F. J.....Elk Mound
Hanson, Carl H.....Elk Mound
Enapton, W. E.....Downing
Snell, Earl D.....Downing
Stevens, Ernest.....Eau Galle

Eau Claire County

Konz, John, Sr.....Fairchild
Mayo, John H., Jr.....Eau Claire
McDermid, J. A.....Eau Claire

Fond du Lac County

Bonzelet, J. P.....Eden
Briggs, Lynn W.....Peebles
Giebel, Karl.....Fond du Lac
Kitchen, J. H.....Eldorado
Maug, Arthur J.....Ripon
Meekin, H. W.....Fond du Lac

Michels, Henry.....Malone
Root, Alvin.....Fond du Lac
Smith, Elmer J.....Brandon
Smith, Harvey G.....Brandon
West, R. N.....Ripon

Grant County

Andrew, Geo., Jr.....Livingston
Runde, Aloysius.....Cuba City
Stivarius, G. A.....Fennimore

Iowa County

Grabner, Laurence F..Mineral Point

Jackson County

Hecketsweiler, O. J..Alma Center

Jefferson County

Brown, A. Abbott.....Waterloo
Linton, Gilbert A.....Ft. Atkinson
Moore, Henry G.....Mauston

Kewaunee County

Kocmich, Ed.....Kewaunee, R. 2

La Crosse County

Hass, Reinhold.....La Crosse

Lafayette County

Bridgeman, C. R.....Darlington

Langlade County

Kalouner, Edward.....Antigo, R. 5

Manitowoc County

Arnold, Arthur A.....Kiel
Bauer, Adolph H..Manitowoc, R. 2
Clusen, Reinhold.....Manitowoc
Eisenman, Ben.....Michicot
Geraldson, Mervin..Manitowoc, R. 4
Gigtsad, Benneth.....Valders
Gunderson, Clifford..Manitowoc, R. 4
Gustaveson, Chas.....Manitowoc
Hanson, Warner.....Manitowoc
Hoeffner, Herbert.....Manitowoc
Klann, Adolph.....Hayton, R. 1
Knutson, Ed. A...Manitowoc, R. 4
Riederer, Blasius.....Cato
Schulte, Peter J.....Cleveland
Straka, Edward E.....Maribel
Strowig, Wm. A....Cleveland, R. 1

Sullivan, Jas. A.....Grimms
Wehrwein, Walter.....Manitowoc, R. 2
Wigen, Andrew.....Quarry
Wilkowske, Hugo.....Mishicot

Marathon County

Aderhold, Herman.....Athens
Brehm, E. A.....Colby
McAdam, C.....Scofield

Marquette County

Houslet, Neal.....Packwaukee
Johnson, Sam.....Westfield

Milwaukee County

Mower, H. Poyson.....Wauwatosa

Monroe County

Harris, Ruthven E.....Warrens

Outagamie County

Jamison, W. G.....Appleton
Koss, Otto W.....Medina
Letts, E. F.....Appleton
Mills, Roscoe C.....Appleton, R. 2
Ryan, Malachi.....So. Kaukauna
Schmidt, A. W.....Appleton, R. 2
Tubbs, Herbert.....Seymour

Ozaukee County

Blank, George A.....Grafton
Clausing, Adolph.....Thiensville
Meyer, A. H.....Grafton

Pierce County

Brown, Wm.....Spring Valley
Dunbar, Geo. W.....River Falls
Hanson, Henry O.....Spring Valley
Martin, Arthur W.....River Falls
Nelson, Nels J.....River Falls
Neystrom, Archie.....Maiden Rock

Polk County

Germanson, Herbert.....Luck
Jerdee, Perry S.....Deronda
Lindberg, Clinton H.....
.....Dresser Jct., R. 1
Miller, A. J.....Milltown
Nelson, Wm.....Milltown
Uhlin, Albin.....Clayton, R. 1
Uhlin, Frank E.....Clayton, R. 1

Portage County

Haus, Enoch.....Junction City
Siegert, A.....Junction City

Price County

Hoffmann, Conrad.....Phillips

Richland County

Ghastin, Floyd.....Twin Bluffs
Lord, Karl W.....Richland Center
Post, H. L.....Sextonville
Schmitz, Edw. H.....Lone Rock
Welsh, S. L.....Tavera

Rock County

Marston, A.....Beloit, R. 30
Smith, L. E.....Beloit, R. 30

St. Croix County

Alberts, Will.....New Richmond
Carlson, Nels P.....Hudson, R. 1
Kruschke, Geo. H.....New Richmond
Utgaard, Peter W.....Cylon

Sauk County

Borck, Sam.....No. Freedom
Ochsner, A. C.....Plain

Sawyer County

Uhrenholdt, Jens.....Leonard

Shawano County

Norrborn, C. G.....Eland, R. 1

Sheboygan County

Hoppert, Martin J.....Sheboygan, R. 4
Wunsch, Hugo E.....Haven

Trempealeau County

Chrysler, Harvey.....Osseo
McCauley, Rex.....Osseo
Pederson, Peter.....Eleva
Thompson, A. L.....Blair

Vernon County

Cade, Jos. M.....Viroqua
McClurg, Walter.....Viroqua

Walworth County

Bromley, Fred G.Whitewater, R. 4
 Kruse, Wm.Whitewater, R. 4
 Thacher, Louis E.Zenda

Washington County

Groth, C. A.Cedarburg
 Klumb, Oscar.Rockfield
 Kressin, Gustav R.Cedarburg
 Woltdt, Hugo.Jackson
 Ziemer, Joseph.Jackson

Waukesha County

Bartlett, Geo. W.Menomonee Falls
 Schley, E. G.Waukesha
 Swoboda, F. G.Dousman

Waupaca County

Howland, Howard H.Waupaca

Winnebago County

Boss, S. J.Oshkosh, R. 7

Wood County

Howard, A. E.Marshfield

NON-RESIDENTS

Illinois

Smith, Russel Cystal Lake

Iowa

Hawkins, A. B Farley

Maine

Fernald, Paul E.West Oldtown

Michigan

Eskil, Odin Iron Mountain
 Meyer, A. J. Howell, R. 7

New York

Coleman, Chas. H. ..Perry Center

Growers of Early Yellow Dent Corn (Wisconsin No. 8).

Ashland County

Johnson, L. M.Ashland, R. 2

Brown County

Roeckel, Jos. P.Lark

Buffalo County

Spaulding, L. C.Mondovi

Chippewa County

Christianson, L.Chippewa Falls
 Christiansen, W. O.
Chippewa Falls, R. 6
 Finsnes, A. I.Chippewa Falls
 Kramer, Henry F.Bloomer

Clark County

Umlauf, Rudolph.Rochester

Columbia County

Gloeckler, Theo.Portage
 Lloyd, Evan B.Cambria
 Steuber, L. J.Lodi

Dane County

Peck, Henry M.Marshall

Dodge County

Howitt, Chas. H.Randolph
 Jung, J. W.Randolph
 Owens, H. C.Fox Lake

Door County

Boucsein, Gust L.Detroit Harbor
 Buschman, Hugo.Forestville
 Erickson, Ole C.Detroit Harbor
 Sullivan, J. J.Forestville

Eau Claire County

Allen, C. L.Eau Claire
 Wright, W. C.Eau Claire, R. 4

<p>Fond du Lac County</p> <p>Carpenter, L. A.....Fond du Lac Hinz, A. F.....Ripon Meekin, H. W.....Fond du Lac Stroup, Fred G.....Fond du Lac</p> <p>Jackson County</p> <p>Curran, W. F.....Taylor Dettinger, W. F.....Hixton</p> <p>Kewaunee County</p> <p>Smithwick, Jas.....Kewaunee</p> <p>Lafayette County</p> <p>McConnell, F. J.....Darlington Rood Bros.....South Wayne</p> <p>Manitowoc County</p> <p>Paulson, J. E.....Manitowoc, R. 4 Straka, Edward E.....Kellnersville Sullivan, Jas. A.....Grimms Wiegand, Otto R.....Cleveland Wigen, Chas.....Manitowoc</p> <p>Marathon County</p> <p>Baeseemann, Otto.....Edgar</p> <p>Marinette County</p> <p>Falarsh, Frank.....Peshtigo Olson, Otto W.....Walsh Sorenson, Hilbert.....Marinette</p> <p>Milwaukee County</p> <p>Basse, Wm. H.....West Allis, R. 5</p> <p>Monroe County</p> <p>Andrew, J. S.....Wilton Leverich, J. W.....Sparta</p> <p>Outagamie County</p> <p>Merkel, Henry.....Appleton, R. 3 Wussow, Chas. A.....Seymour</p> <p>Ozaukee County</p> <p>Wulff, Fred.....Grafton</p>	<p>Polk County</p> <p>Hedlund, Adolph.....Clayton Nelson, Peter C.....Milltown</p> <p>Portage County</p> <p>Hanson, N. P....Amherst Jct., R. 2</p> <p>Rock County</p> <p>Austin, Alpheus.....Janesville</p> <p>St. Croix County</p> <p>Bennett, Wm. I....New Richmond Imholt, B. A.....Houlton</p> <p>Sawyer County</p> <p>Thulin, Edwin.....Hayward</p> <p>Shawano County</p> <p>Jahnke, H. F.....Matoon, R. 1</p> <p>Sheboygan County</p> <p>Dennerlein, Arthur J....Plymouth Eastman, F. A. and S. A..... Sheboygan Falls Frauenheim, O R....Random Lake Herdrich, S. F.....Adell Illian, W. L.....Adell, R. 19 Parrish, J. O.....Plymouth</p> <p>Walworth County</p> <p>Coburn, Ora.....Whitewater Lewis, E. H.....Whitewater Warmington, Prentice.Honey Creek</p> <p>Waukesha County</p> <p>Mitwede, Henry.....Waukesha Shannon, M. J.....Oconomowoc</p> <p>Waushara County</p> <p>Anderson, Thos. E.....Wild Rose</p> <p>Winnebago County</p> <p>Blakely, Albert J.....Neenah</p> <p>Wood County</p> <p>Kronholm, V. E.....Grand Rapids Leu, O. J.....Grand Rapids, R. 3</p>
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Growers of Clark's Yellow Dent Corn (Wisconsin No. 1)

<p>Chippewa County</p> <p>Finsnes, A. I. Chippewa Falls</p> <p>Columbia County</p> <p>Dalton, Ernest E. Pardeeville Dalton, Roy E. Pardeeville</p> <p>Dane County</p> <p>Davidson, Wm. L. Verona Kendell, Geo. W. Sun Prairie</p> <p>Dodge County</p> <p>Barstow, Jas. E. Randolph, R. 1 Howitt, Chas. H. Randolph Jung, J. W. Randolph</p> <p>Green County</p> <p>Biglow, L. F. Brooklyn</p>	<p>Iowa County</p> <p>Paulson, H. E. Hollandale</p> <p>Racine County</p> <p>Wilson, Wm. C. Burlington</p> <p>Richland County</p> <p>Post, H. L. Sextonville</p> <p>Rock County</p> <p>Austin, A. G. Janesville, R. 6</p> <p>Walworth County</p> <p>Coburn, Ora. Whitewater Dunbar, Harry D. Elkhorn</p> <p>Winnebago County</p> <p>Elodgett, Gordon R. Neenah</p>
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Growers of North Star Corn (Wisconsin No. 11).

<p>Chippewa County</p> <p>Martiny, L. P. Chippewa Falls</p> <p>Dane County</p> <p>Boyce, Charlotte. Dane Palmer, Levi. Verona Thorstad, N. H. Deerfield</p> <p>Dodge County</p> <p>Randall, S. M. Waupun</p>	<p>Rock County</p> <p>Austin, Alpheus. Janesville</p> <p>Sauk County</p> <p>Palmer, H. P. Baraboo Toole, W. A. Baraboo</p>
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Growers of Smut Nose Flint (Wisconsin No. 15).

Frauenheim, O. R. . . . Random Lake

Growers of Medium Red Clover.

Barron County		La Crosse County	
Chrislaw, A. M.....	Rice Lake	Harr, Ernest B.....	Bangor
Brown County		Lafayette County	
Roeckel, Jos. P.....	Lark	Akins, Clyde E.....	Warren, Ill.
Buffalo County		Bridgman, C. R.....	Darlington
Joos, Frank B.....	Fountain City	Usher, J. M.....	South Wayne
Spaulding, L. C.....	Mondovi	Manitowoc County	
Calumet County		Berge, Otis I.....	Valders
Peterson, H. N.....	New Holstein	Clusen, Reinhold.....	Manitowoc
Columbia County		Garey, James.....	Grimms
Dalton, Ernest E.....	Pardeeville	Heidemann, O. C.....	Kiel, R. 2
Dalton, Roy E.....	Pardeeville	Straka, Edward E....	Kellnersville
Dodge County		Sullivan, Jas. A.....	Grimms
Barston, James.....	Randolph	Marinette County	
Howitt, Chas. H.....	Randolph	Falarsh, Frank.....	Peshtigo
Joyce, Geo.....	Waterloo	Milwaukee County	
Krueger, H. E.....	Beaver Dam	Pierner, Fred.....	No. Milwaukee
Miller, A. H.....	Waupun	Monroe County	
Eau Claire County		Freeman, G. A.....	Sparta
Wright, W. C.....	Eau Claire, R. 4	Ozaukee County	
Fond du Lac County		Kieffer, Mike.....	Fredonia
Adams, A. E.....	Eden	Pierner, John W.....	Thiensville
Eriggs, L. W.....	Peebles	Shawano County	
Priggs, J. W.....	Peebles	Hildemann, E. S.....	Belle Plaine
Jacky, Gilbert G....	Malone, R. 39	Sheboygan County	
Jacky, H. L.....	Malone, R. 39	Dennerlein, Arthur J....	Plymouth
Meekin, H. W.....	Fond du Lac	Frauenheim, O. R....	Random Lake
Jackson County		Illian, Wm. L.....	Adell, R. 19
Dettinger, Wm. F.....	Hixton	Wagner, Arthur L.....	Haven
Jefferson County		Walworth County	
Church, A. P.....	Whitewater	Harris, Jesse S.....	Delavan
Leonard, Wm. R.....	Ft. Atkinson	Meurer, Paul G.....	Genoa Jct.
Kewaunee County		Washington County	
Plahnik, Geo. F.....	Algoma	Bast, Paul J.....	Rockfield
		Puls, John.....	Hartford
		Schottler, Conrad J.....	
			So. Germantown

Waukesha County

Bartlett, Geo. W...Menomonee Falls
 Longley, H. N.....Dousman
 Swan, L. W.....Mukwonago

Waupaca County

Kneip, Wm.....Weyauwega
 Rosholt, J. A.....Scandinavia

Waushara County

Clark, J. J.....Berlin, R. 1

Winnebago County

Miller, Henry C.....Allenville

NON-RESIDENT

Thompson, Thos., Jr...Wadena, Ia.

Growers of Alsike Clover.

Dodge County

Barston, Jas.....Randolph, R. 1
 Bohl, Anton.....Beaver Dam
 Krueger, H. E.....Beaver Dam

Eau Claire County

Kouz, John, Sr.....Fairchild, R. 2

Fond du Lac County

Briggs, L. W.....Peebles
 Briggs, J. W.....Peebles
 Giebel, Karl A...Fond du Lac, R. 7
 Jacky, Gilbert G....Malone, R. 39
 Jacky, H. L.....Malone, R. 39
 Meekin, H. W.....Fond du Lac

Jackson County

Curran, Wm. F.....Taylor
 Hecketsweiler, O. J...Alma Center

Jefferson County

Anthes, Henry.....Jefferson

La Crosse County

Harr, Ernest B.....Bangor

Manitowoc County

Klann, Adolph.....Hayton, R. 1

Ozaukee County

Keiffer, Mike.....Fredonia
 Pierner, John W.....Thiensville

Sauk County

Ochsner, A. C.....Plain

Shawano County

Hildemann, E. S.....Belle Plaine

Sheboygan County

Frauenheim, O. R....Random Lake
 Herdrich, S. F.....Adell, R. 19

Growers of Mammoth Clover.

Calumet County

Klann, Adolph.....Hayton

Dodge County

Krueger, H. E.....Beaver Dam

Eau Claire County

Konz, John, Sr.....Fairchild, R. 2

Sheboygan County

Frauenheim, O. R....Random Lake

Walworth County

Harris, Jesse S.....Delavan

Waukesha County

Longley, H. N.....Dousman

Growers of Japanese Buckwheat.

Ashland County		Racine County	
Tomkins, O. Scott...	Ashland, R. 2	Robers, Wm. J.....	Burlington
Dodge County		Walworth County	
Bohl, Anton.....	Beaver Dam	Dunbar, Harry D.....	Elkhorn
Krueger, H. E.....	Beaver Dam		
Juneau County		Waushara County	
Moore, Harry G.....	Mauston	Carey, Henry.....	Redgranite

Growers of Silver Hull Buckwheat.

Dane County		Outagamie County	
Chatterton, R. W.....	Basco	Schmit, Geo.....	Greenville, R. 10
Palmer, Levi.....	Verona		
Dodge County		Richland County	
Bohl, Anton, Jr.....	Beaver Dam	Post, H. L.....	Sextonville
Ehrhardt, Daniel.....	Knowles		
Howitt, C. H.....	Randolph	Sauk County	
Krueger, H. E.....	Beaver Dam	Lachmund, Robert.....	Sauk City
Fond du Lac County		Waukesha County	
Meekin, H. W.....	Fond du Lac	Bartlett, Geo. W..	Menomonee Falls

Growers of Field Beans.

Calumet County		Dane County	
Peik, Arthur.....	Chilton	Beck, J. D.....	Madison
Chippewa County		Bewick, W. W.....	Madison
Martiny, L. P.....	Chippewa Falls	Gillette, R. A.....	Verona
Upton, H. F.....	Jim Falls	Ohman, S. S.....	Deerfield
Columbia County		Stensly, E. P.....	Cottage Grove
Lloyd, Evan B.....	Cambria	Thieleke, Emil.....	Madison, R. 6
Crawford County		Dunn County	
Bannen, R. E.....	Boscobel	Meacham, C.....	Downing
		Eau Claire County	
		Wyman, A. E.....	Eau Claire

Fond du Lac County
 Costello, Dan A. Fond du Lac, R. 5

Jefferson County
 Guttenberg, Frank, Jr., Jefferson
 Leonard, Wm. R. Jefferson

Juneau County
 Smith, R. M. Elroy

Kenosha County
 Mueller, Math J. Bristol
 care of P. J. Thom
 Myrick, M. O. Bristol
 Thom, J. A. Bristol

La Crosse County
 Hass, R. A. La Crosse

Lafayette County
 Sargent, Roy E. Warren, Ill.
 Usher, J. M. So. Wayne

Manitowoc County
 Arnold, Arthur A. Kiel
 Kielsmeier, R. C. Timothy
 Wiegand, O. R. Cleveland

Marinette County
 Falarsh, Frank. Peshtigo, R. 2
 Schneider, Gottlieb. Walsh

Milwaukee County
 Guenther, Nelson W. So. Milwaukee
 Miller, Geo. C.
 232 Grove St., Milwaukee

Monroe County
 Gamerding, John. Kendall

Pierce County
 Nelson, Emil. River Falls
 Neystrom, Archie. Maiden Rock

Polk County
 Germanson, Herbert. Luck
 Jerdee, Perry S. Deronda
 Lindberg, Clinton H.
 Dresser Jct., R. 1
 Miller, A. J. Milltown
 Nelson, Willie. Milltown

Racine County
 Holloway, Ed. M. Union Grove
 Klein, W. C. Racine, R. F. D

Richland County
 Ghastin, Floyd. Twin Bluffs
 Lawton, A. R. Viola
 Lord, Karl W. Richland Center
 Post, H. L. Sextonville

Rock County
 Austin, Alv. J. Janesville, R. 6

St. Croix County
 Jerdee, Alfred O. Deer Park
 Paulson, P. A. Hudson

Sauk County
 Rodewald, Walter C. Baraboo

Waukesha County
 Hicken, A. B. Waukesha, R. 7
 Swoboda, F. G. Dousman
 Zillmer, Wm. C. Brookfield

NON-RESIDENT
Michigan
 DeForest, Theo. R. Ann Arbor

Growers of Timothy Seed.

<p>Barron County</p> <p>Plenty, Robt. Rice Lake</p> <p>Columbia County</p> <p>Chipman, W. R. Morrisonville</p> <p>Dodge County</p> <p>Bohl, Anton. Beaver Dam Howitt, C. H. Randolph Krueger, H. E. Beaver Dam</p> <p>Fond du Lac County</p> <p>West, H. P. Ripon</p>	<p>Grant County</p> <p>Graham, P. S. Fennimore</p> <p>Racine County</p> <p>Wilson, Wm. C. Burlington</p> <p>Rock County</p> <p>Austin, W. B. Janesville</p> <p>Sauk County</p> <p>Ochsner, A. C. Plain</p> <p>Shawano County</p> <p>Hildemann, E. S. Belle Plaine</p>
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Growers of Alfalfa Seed.

<p>Dodge County</p> <p>Krueger, H. E. Beaver Dam</p> <p>Douglas County</p> <p>Lindberg, E. J. Itasca</p>	<p>Fond du Lac County</p> <p>Meekin, H. W. Fond du Lac Michels, Henry. Malone</p> <p>Waukesha County</p> <p>Shannon, M. J. Oconomowoc</p>
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Growers of Spring Wheat.

<p>Columbia County</p> <p>Lloyd, Evan B. Cambria</p> <p>Dane County</p> <p>Kaltenberg, Anthony. Waunakee</p> <p>Dodge County</p> <p>Krueger, H. E. Beaver Dam Schiller, Claude E. Beaver Dam</p>	<p>Fond du Lac County</p> <p>West, H. P. Ripon</p> <p>Manitowoc County</p> <p>Klann, Adolph. Hayton</p> <p>Sheboygan County</p> <p>Frauenheim, O. R. Random Lake</p>
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Growers of Winter Rye.

<p>Clark County</p> <p>Zerbel, Paul.....Humbird</p> <p>Dodge County</p> <p>Bohl, Anton.....Beaver Dam Krueger, H. E.....Beaver Dam Voigt, Alvin H.....Oconomowoc</p> <p>Door County</p> <p>Sullivan, J. J.....Forestville</p>	<p>Fond du Lac County</p> <p>West, H. P.....Ripon</p> <p>Jefferson County</p> <p>Leonard, Wm.....Ft. Atkinson</p> <p>Sheboygan County</p> <p>Frauenheim, O. R....Random Lake Wagner, A. L.....Haven</p>
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Growers of Spring Rye.

<p>Dodge County</p> <p>Bohl, Anton.....Beaver Dam Howitt, C. H.....Randolph Krueger, H. E.....Beaver Dam</p>	
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Growers of Nordheim Sweet Corn.

Ihrig, J. J.....Oshkosh

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