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# **Annual report Winnebago County Agricultural Committee: November 1, 1940 to October 31, 1941.**

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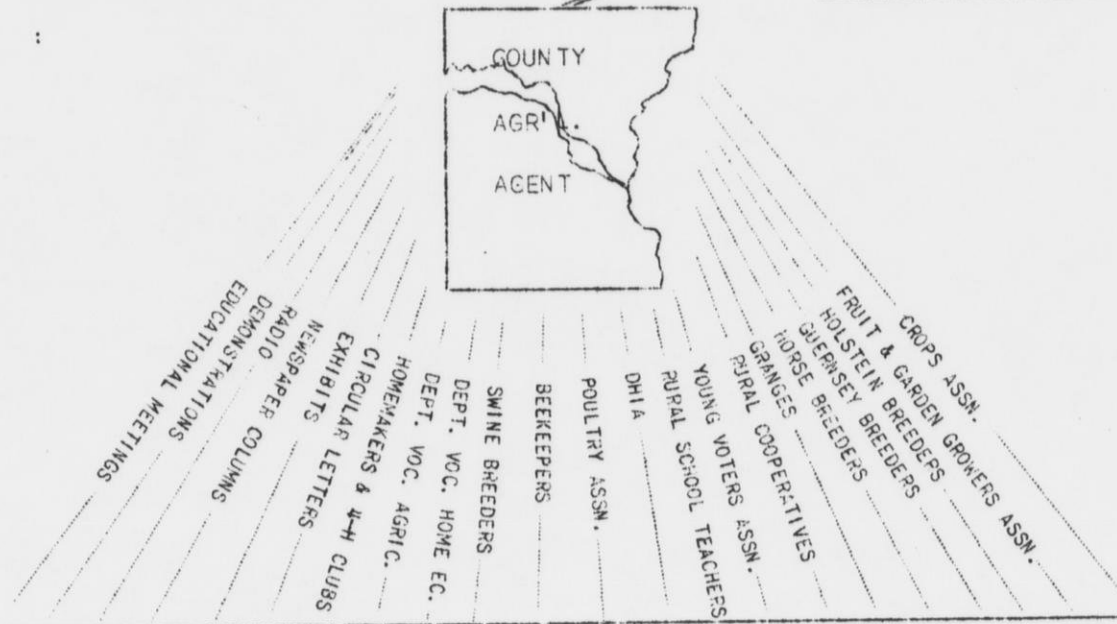
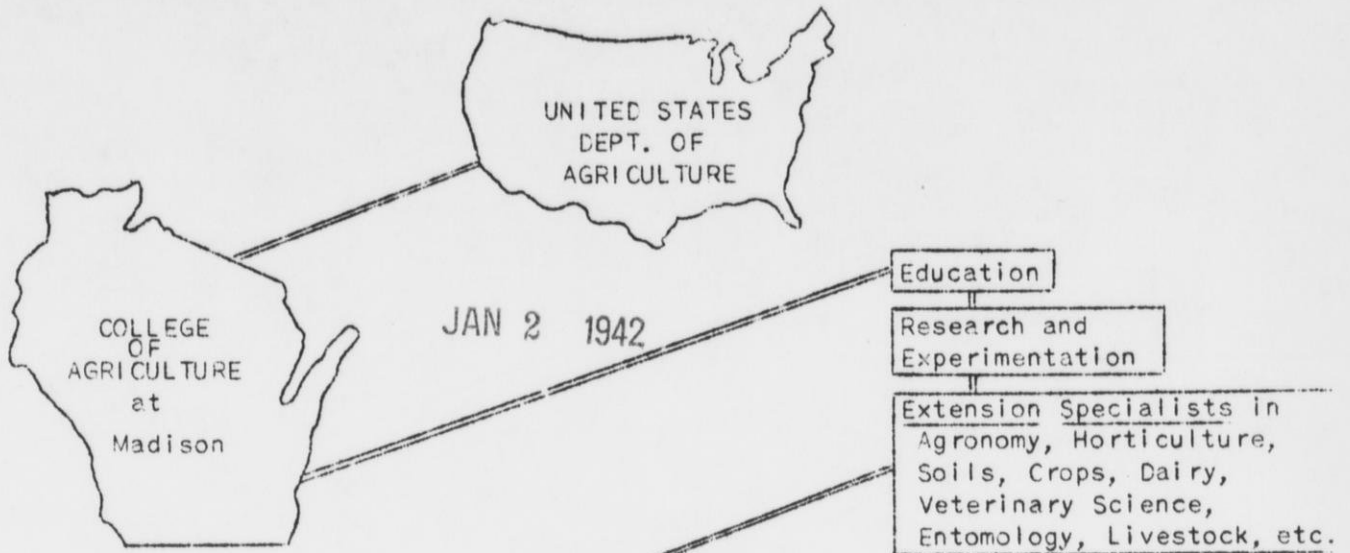
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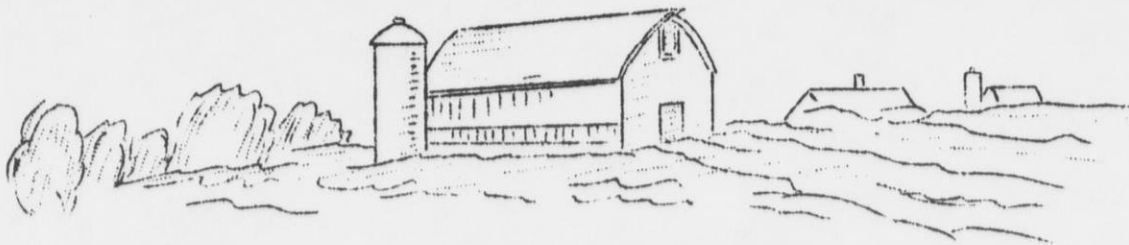
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# ORGANIZATION OF AGRICULTURAL EXTENSION



THE FARM -- THE FARMER -- AND THE FARM FAMILY



ANNUAL REPORT  
WINNEBAGO COUNTY AGRICULTURAL COMMITTEE

by

R. C. Heffernan,  
Agricultural Agent

November 1, 1940 to October 31, 1941.

1.

THE HONORABLE BOARD OF SUPERVISORS  
WINNEBAGO COUNTY

Mr. Chairman and Gentlemen:

Following is the annual report of the Winnebago County Agricultural Committee. The report is for the period Nov. 1, 1940, to Oct. 31, 1941.

Frank Bartlett, Chairman  
Miss Eva C. Monson, Secretary  
J. F. Shea  
Van E. Jackson  
Franklin Neuschafer  
R. F. Pallett, representing the College of Agriculture  
R. C. Heffernan, County Agent

It is the responsibility of the County Agricultural Committee cooperating with the Wisconsin College of Agriculture and the United States Department of Agriculture to plan and direct the Agricultural extension program to be carried out by the County Agricultural Agent. This last year the Winnebago County Agricultural Committee has been helped greatly in determining the agricultural extension program by a County Program Planning Committee.

In brief, the Agricultural Committee has invited representatives of each of the rural organizations of the county to visit with them in conference and discuss the type of program best suited to the needs of the largest number of rural people in the county. This type of planning accomplishes two main objectives: first, it makes each of the rural organizations in the county feel that the county extension program is a part of their program because they have helped plan it; and, when the agricultural committee finally adopts a program based upon the suggestions of this planning and guiding committee, the extension program becomes a part of the program of every rural organization in Winnebago County. Second, the Agricultural program is built upon practical needs as expressed by the farm folks themselves. The Agricultural Committee in reaching their decisions in drawing up the county extension program have had the aid and suggestions from the following rural organizations:

County Homemakers  
County Four-H Clubs  
High School Departments of Vocational Education  
and Vocational Home Economics  
County Swine Breeders Association  
County Fruit and Garden Growers Association  
County Beekeepers Association  
County DHIA Co-op  
D.H.I.A. No. 1  
Holstein Breeders Association  
Horse Breeders Association  
Winnebago County Granges  
Rural Cooperatives  
Young Voters Association of County  
Rural School Teachers' Association  
Poultry Association  
D.H.I.A. Fieldman

- Federal Land Bank Association
- Farm Security - Tenant Purchase Associations
- Agricultural Teachers
- Home Economics Teachers
- .....
- Crop Breeders Association

These representatives gave valuable suggestions for an extension program that the committee found valuable in constructing the Agricultural Extension program.

### College of Agriculture Specialists

In reviewing the activities of the County Agriculture Extension Agent for the past year, it is well to keep in mind that there are approximately 2700 farm units in the county. The interest of these various farmers is varied. To work out a program to meet the needs of the greatest number is a difficult one. However, a program has been carried out that entails practically all the agricultural interests that we have in the county. In that way, everyone regardless of their individual interests have had an opportunity to find something on the county agent's program of interest to them. It is also well to keep in mind that the activities of the County Agent are hard to evaluate, because of the following factors:

- (1) The large territory over which the work extends.
- (2) The large number of individual families, groups and organizations, that the work extends to.
- (3) The Agricultural Agent's program is an educational one and its results are not always concrete, its results will extend indefinitely into the future years.

In presenting this report, the County Agent will like to present first the organization of the Extension System. The law giving rural people the extension service was passed May 8, 1914. Refer to the back page of this report.

In referring to the Extension organization, I have tried in diagram form to present this setup on the front cover. Briefly, this diagram shows.

1. The vast Agricultural Department of the U.S.A. located at Washington.
2. Each state has its College of Agriculture with
  - a. Education department
  - b. Research and Experiment Department.
  - c. Extension Department
3. Proven agricultural facts from our home experiment station as well as experiment stations throughout the U.S. are carried down to the county agent's office.
4. Specialists in the College of Agriculture's Extension Division work through the county agent's office in the county to bring the farmers, homemakers, and the farm boy and girl the latest information in the various phases of agriculture.

5. This information available to farm people through the county agent's office is disseminated in various ways --

- News releases
- Radio
- Circular letters
- Demonstrational meetings
- Result demonstrations
- Educational meetings
- Individual letters
- Office calls
- Organized groups of rural people
- Exhibits

This last year 71 specialists worked in Winnebago for a total of 221 days.

The men working in Winnebago County were:

(Please remember that these men are trained in their field. They know their business as well as your local electrician knows his work)

<u>Name</u>	<u>Title</u>	<u>Days Spent</u>
C. L. Kushner	Orchard specialist	2
George Briggs	Agronomy	9
James Lacey	Livestock	1
Robert Geiger	Fieldman for National Holstein Association	2
Dr. B. J. Beach	Veterinarian	3
Ray Pallett	Extension Specialist	10
A. C. Thomson	Wisconsin Dairymen's Assn.	1
A. J. Cramer	Dairy	5
Martin Salm	Triple A Fieldman	1
E. C. Freund	Farm Security Fieldman	14
Roy Harris	Dairy Specialist	5
R. W. Stumbo	Wisconsin Dairymen's Assn.	10
George Britts	Wisconsin Guernsey Breeders	1
V. C. Burcalow	Pasture	4
L. B. Nystrom	U.S. Dept. of Agriculture	1
J. G. Fuller	Livestock	2
O. A. Collentine	Dairy	7
I. F. Hall	Farm Management	6
Miss Blanche Lee	Home Agent Leader	3
Mr. Pillor	Entomology, Wis. Dept. of Agr.	3
Dr. James S. Healy	Federal Livestock Inspector	1
O. B. Combs	Garden	7
L. G. Holmes	Landscape	7
Dr. E. E. Bennett	Veterinarian, Wis. Dept. of Agr.	1
Glen Householder	Director of Ext., National Holstein Assn.	2
J. G. Moore	Horticulture	2
Dr. E. E. Holzer	Dairy Husbandry	7
Clara Jones	Home Management	9
H. J. Rahmlow	Sec. Wis. Horticulture Society	2
Joe Nimmer	Dairy Inspector	9

George Humphroy	Animal Husbandry	2
C. J. Chapman	Soil Specialist	4
Frank Cummings	Grain Inspector USDA	2
Ray Steidl	Fieldman, Equity Co-op Live- stock Sales Assn.	2
Max LaRock	Engineering	4
L. O. Hansen	Concrete engineering Portland Cement Assn.	2
A. F. Wileden	Rural Sociology	1
Rufus Runke	Farm Appraiser, USDA	5
W. W. Clark	Dir. of Extension	2
V. S. Larsen	State Veterinaria n	1
Geo. Werner	Dairy feeding	8
Margaret Warner	Farm Security Administration	1
Forest Turner	Agronomy	1
T. L. Bewick	State 4-H Club Leader	1
Wm. Mortenson	Economist	1
Guss Gall	Engineering, USDA	1
E. L. Chambers	State Entomologist	1
V. V. Varney	State 4-H Leader	1
Grace Rowntree	State 4-H Leader	1
R. E. Vaughn	Plant Disease	5
Leon Robbins	Agriculture, Milwaukee R.R.	5
Roy Carter	Forestry	1
Bob Schultz	State AAA	3
R. C. Klussendorf	Veterinarian	1
Don Anderson	Farm Management	2
Glen W. Vergeront	Dairy Specialist	3
Mr. Kendrick	Chief of Dairy Husbandry Dept. USDA	1
Mr. Johnson	Dairy Husbandry, Iowa State College	1
Mr. Glover	Editor, Hoard's Dairyman	1
Mr. Hedrick	Dairy, USDA	1
Dr. J. O. Frank	Engineering	1
O. R. Zeasman	Soil Conservation	1
A. P. Zorsch	Fieldman, American Chemical Association	4
Arlon Fisher	Fieldman American Zinc Inst.	1
C. Peckham	Dairy Inspector	7
Mr. Kuehning	Chief of Dairy Dept. of Agr.	1
C. F. Claflin	Mgr. Equity Livestock Cooperative Sales	1
Arlie Mucks	National Defense	1
A. L. Harvey	Horses	1
Pro. Bokken	Economist	1

In addition to these specially trained men in Extension, Winnebago County has rural organizations with officers and boards of directors. These folks, 163 in number, are doing much to carry out the extension program. Their work is of great value. Then, there is the press -- always willing to cooperate with the extension agent in getting information to the farmer and his family.

I give you this picture to try and get to you the picture of Agricultural Extension in Winnebago County. A few of the highlights of this year's program are:

GRAIN

5.

A. Educational Meetings

1. Four meetings were held in January dealing with fertilizers for small grains.

Greenville Grange  
Algoma Town Hall  
Rushford Town Hall  
Winneconne Village Hall

2. Colored moving pictures and slides were presented showing effects of fertilizer in small grains and seedings.

3. Trials on seventeen Winnebago County farms were given out at the meeting.

4. Specialist - C. J. Chapman

5. Results

- a. 120 farms were signed up for complete soil analysis
- b. Fertilizer trial plots on small grain were conducted on five farms.

Town of Oshkosh - 2  
Town of Vinland - 1  
Town of Winneconne - 1  
Town of Rushford - 1

B. Two all-day barley schools were held in February

1. Community Grange Hall

2. Allenville Grange Hall

3. Specialists

a. Geo. Briggs, Agronomist at Madison

b. R. E. Vaughn, Plant Diseases at Madison

c. Leon Robbins, Field Representative, Milwaukee Roads,  
Chicago

d. Frank Cummings, Federal Grain Inspector, Milwaukee

4. Results

- a. 73 samples of barley analyzed.

C. Demonstration

1. 73 samples of barley were grown in row plots to show purity, mixture, and disease, at Winnebago State Hospital Farm.

2. At maturity these farmers were invited to a field day at which time they could compare the barley actually growing with other varieties.

D. Grain Variety Tests

1. For the purpose of checking all varieties of small grain one with the other. A variety test plot was established on the Winnebago State Hospital Farm.

2. All state varieties of oats, barley, rye, wheat, and flax, were grown in plots adjoining another for comparison.

3. Farmers were invited to a field day to see these varieties growing. Each plot was then cut and threshed and results checked. Farmers will get the results at winter meetings.

4. Another reason - to check new Viclard oats with common varieties.

## E. Vicland oat demonstration

1. Town of Algoma
2. Town of Oshkosh
  - a. Purpose - to observe new Vicland oats growing
  - b. Vicland is smut and rust resistant
  - c. Out-yields all other varieties -- doesn't lodge.

## F. Certification of Grain

1. County Agent certified for seed -- 8 barley fields, 2 wheat fields, and 5 barley fields.

LEGUMES

## A. Educational Meetings

1. The various legumes, their uses, character, and susceptibility to disease were covered in four educational meetings held during the winter.
  - a. At Greenville Grange.
  - b. Algoma
  - c. Rushford
  - d. Winneconne

## B. Specialist - F. V. Burcalow

## C. Demonstration

1. With the very great danger that all Winnobago County alfalfa crops are in danger of root rot, a series of plots have been established on a farm in the Town of Black Wolf.
2. On these plots, various varieties of alfalfa have been planted in soils known to contain root rot organisms.
3. Purpose -- to determine the variety or varieties of alfalfa most resistant to root rot.

GARDEN

## A. Educational Meetings

1. Two series of meetings on gardening were held at the following places: Winneconne, Oshkosh, Waukau, Mikosville.

## B. Demonstrations

1. Garden tour to observe diseases and insect pests of garden truck.
2. Specialist - O. B. Combs



SOILS AND FERTILIZERS

- A. Maintained complete soil testing laboratory
1. One full time soil tester
  2. Two part time helpers in laboratory
  3. Tests were made for acidity, phosphorous, potash, and nitrogen (on special request).
    - a. Total samples tested - 1760
    - b. Number farms samples taken from - 147
    - c. Results of soil tests:
 

Samples acid	465 - 26%
Samples deficient in phosphorous	1016 - 58%
Samples deficient in potash	815 - 46%
- B. Established complete farm soil analysis service.
1. This is one of the finest services ever offered to Winnebago County farmers.
    - a. Cost - \$1.00 (expenses of soil tester, which goes to the tester)
    - b. Diagram is made of the farm, drawn to scale, and shows size of each field.
    - c. Trained soil tester goes to farm and systematically takes samples from each field on the farm.
    - d. Samples brought to laboratory and tested.
    - e. A complete soil analysis is returned to the farmer - showing:
      - (1) Acidity test of each field
      - (2) Phosphorous test of each field
      - (3) Potash test on each field
      - (4) Recommendation for lime and fertilizer for each field.
- C. Lime
1. Lime project was continued and farmers in the county applied 3834 tons.
- D. Educational meetings on soils and fertilizers
1. In January, four meetings were held in the county on soils and fertilizers.
    - a. Algoma Town Hall
    - b. Greenville Grange Hall
    - c. Rushford Town Hall
    - d. Winneconne Village Hall
  2. Specialists - C. J. Chapman, Fertilizers for legumes, cereal grains, corn. V. F. Burcalow, Renovation of old permanent pastures.

E. Demonstration

- 1. As a follow-up to the winter soils and fertilizer meetings.
  - a. Old Permanent pastures were renovated
    - (1) Ripped up with spring tooth or plowed
    - (2) Limod
    - (3) Fertilized
    - (4) Reseeded with - Alfalfa  
 Red Clover  
 Alsiko  
 Timothy  
 Bromo Grass
- 2. Four farms - Nepouskun  
 Black Wolf  
 Oshkosh  
 :  
 Vinland
- 3. Results to be obtained - demonstrate how old worn out pastures may be given new life. To check the use and value of bromo grass in Winnebago County.

F. Five farms checked value of various fertilizers on small grains against no fertilizer. Fertilizers used: 0-20-20 and 0-20-10.

- 1. Farms in town of --
 

Oshkosh	2
Rushford	2
Winnebago	1

LANDSCAPING

A. Educational meetings

- 1. Landscape school was held through the winter months with a total of four meetings.
  - a. The complete field of landscaping the farmstead taken up in a series of meetings.
  - b. Special ists - L. G. Holmes

B. A county-wide demonstration was held to actually show how farm grounds should be plotted out for landscaping. Various shrubs should be used in landscaping the place.

C. Individual Help

- 1. L. G. Holmes, Landscape Specialist, made individual visits to each of the people who attended the winter landscaping schools to give them help in their landscaping plans.

DAIRY

A. Winnebago County Dairy Herd Improvement Cooperative Association

- 1. Three full time fieldmen
- 2. 224 Active Members
  - Standard 66
  - Owner Sampler 153
  - Owner Sampler -
    - Bi-Monthly 3
    - Bi-Monthly 2
- 3. Approximately 4500 head of cows are tested every month
- 4. Three full-time laboratory technicians
- 5. Work of the association fieldmen
  - a. Supervising standard herds
  - b. Collecting samples from owner-sampler herds
  - c. Returning the records to the herd owners
  - d. Help the herd owners with feeding, breeding, and herd management problems.
  - e. Identify all calves born into the herd
  - f. Keep breeding records
  - g. Make herd analysis
  - h. Aid the members in the sale and purchase of herd sires and cow replacements
- 6. Laboratory technicians spent full time in testing samples of milk and computing records. Complete office file is made of all herds tested in the association.
- 7. Miscellaneous activities of the association.
  - a. Publishing a bull sale list bi-monthly
  - b. Publishing a monthly news letter to all the members of the association.
  - c. Have established a news column in three county news papers, which is issued bi-monthly.
  - d. Have an educational booth at the county fair.
  - e. One of the big jobs of the fieldman is helping herd owners select herd sires and sell surplus bulls.
  - f. The association fieldmen have aided in the sale of approximately 75 bulls during the last year.
- 8. The association bull calf project
  - a. The Cooperative Testing Association has worked out a plan by which its pure bred owners give good pure bred bull calves at two months of age to 4-H club members for projects. The 4-H club member raises a calf to serviceable age, at which time the bull is sold. The breeder receives 1/3 and the 4-H member receives 2/3. Under this plan the association has given out nine calves.
- 9. Herd Health Plan
  - a. The association sponsored a series of meetings with Dr. E. A. Beach on herd problems in the herd.
  - b. As a result of these meetings, the association adopted a herd health sign which was used on the members' farms.
- 10. Foods and Feeding
  - a. The Cooperative Testing Association sponsored a series of meetings on foods and feeding this last winter.
  - b. Specialists
    - (1) George Werner, College of Agriculture, who talked over feeding problems with the members.
    - (2) R. W. Stumbo, Wisconsin Dairyman's Assn., discussed herd management with the members.

## 11. Bull Exchange

- a. During the year, the fieldmen of the association succeeded in making transfers of bulls from one herd to the other.
- b. Purpose - to keep alive the proven bulls being used in the association herds.

## 12. High Lights of the Association Year.

- a. The annual meeting held at Winneconne attended by a large percentage of the members. The address of the meeting was given by A. J. Glover, Extension Dairymen.
- b. Association sponsored first all-association get-together in December of 1941. Approximately 400 members and their wives attended this meeting, at which time the Director of Extension at Madison, W. W. Clark, addressed the group. Other speakers were A. C. Thompson and E. E. Heizer.
- c. During the year, the cooperative testing association was visited by many individuals and groups outside the county, who came in to observe the organizing of this new type of testing association.
  - (1) In July a delegation of twelve dairymen and the Chief of the Dairy Husbandry Dept. of Ohio State visited the association.
  - (2) In the delegation was Professor Black, considered one of the outstanding dairy specialists of the United States.
  - (3) The association was also visited by J. F. Kendrick, Chief of Dairy Husbandry, Washington; Floyd Johnson, Chief of Dairy Husbandry Dept., Iowa State College.
  - (4) Other visitors to the association were from Brown, Polk, Dodge, Calumet, Rock, Waushara, Oconto, Marinette, Sheboygan, Manitowoc counties.

## B. Winnebago County DHIA No. 1

1. One fieldman and 22 members
2. Highlights of the No. 1 year.
  - a. Four serviceable bull sales.
    - (1) October - 12 bulls sold for an average of \$98.96
    - (2) February - 18 bulls sold for an average of \$69.50
    - (3) March - 19 bulls sold for an average of \$72.50
    - (4) October (1941) - 12 bulls sold for an average of \$147.92

## C. Quality Milk Program

1. During 1941, the quality milk improvement program was introduced, and put into effect in Winnebago County.
2. This program entailed a large organization meeting.
3. The set up was briefly as follows:
  - a. There are two leaders selected in every school district in the county.
  - b. These school district leaders attended a launching meeting at Winneconne in July.
  - c. At this launching meeting, the quality improvement program was explained by C. F. Kuehning, Chief of the Dairy Division, Department of Agriculture.
  - d. At this launching meeting, the quality milk program was given the approval of the school district leaders.
  - e. This was followed by two leadership training meetings for district leaders at which time the leaders were instructed on the quality milk program.

- e. A meeting was held in every school house in the county.
- f. The school district leaders explained the quality milk program to the people.
- g. A total of 1311 people attended 56 meetings.
- h. Since the introduction of the quality milk program in the county, every plant has gone under strict inspection. The state inspectors report that they have had better results and cooperation in Winnebago County than average.

D. Dairy Plant Operators Organization

- 1. To help in a better understanding between dairy plant operators in the county, a Dairy Plant Operators Association has been formed.
- 2. A guiding committee consisting of six dairy plant operators will work to perfect a plant operators program for next year.

E. Star of the Milky Way

- 1. Winnebago County again was honored in 1941, by having two of its great dairy cows selected as the outstanding cows of their breed.
  - a. The Ayrshire cow owned by Arnold Fuhman, Dale
  - b. The Guernsey cow owned by Fahrwald Farms, Oshkosh.
 These cows were exhibited at the State Fair.

F. The Type and Production Class at the County Fair -- to emphasize the high quality of dairy cows that we have in Winnebago County -- was again offered this year.

- 1. Nineteen cows were entered in this class.
- 2. Four cows were classified as excellent.

G. Winnebago County was honored by having the Champion Guernsey bull in the State of Wisconsin. The bull was owned by Leon Becker of Omro.

H. District Guernsey Show at Hortonville

- 1. Thirteen head of Guernsey cattle were exhibited by Winnebago County Guernsey Breeders at the District Show at Hortonville.

I. Bull Testing Association

- 1. Three bull testing associations were maintained during the year.

J. Artificial Insemination

- 1. During 1941 the Agricultural Committee studied the advantages in the organization of an artificial insemination ring.
- 2. At the present time Winnebago County is in position to be served by two artificial insemination rings.
  - a. At Waupaca
  - b. At Shawano.

HERD HEALTH PROGRAM INAUGURATED

- A. Educational meetings - four meetings held
  - 1. Allenville Grange  
Omro Village Hall  
Algoma Town Hall  
Winchester
  - 2. Specialist - Dr. B. A. Beach
  
- B. Purpose of the meetings
  - 1. To work out suggestions with herd owners that they might follow in guarding against contagious diseases in the dairy herd.
  
- C. Results
  - 1. The Winnebago County Cooperative Testing Association adopted a uniform sign that they are placing either outside the barn or in the barn.

LIVESTOCK DISEASE

- A. Continued the voluntary plan of eliminating Bangs Disease, through the agglutination test. 240 herds were tested this last year in Winnebago County.
- B. To date Winnebago County has 28% of its herds certified for Bangs Disease.
- C. With the introduction of the use of vaccination in controlling outbreaks of Bangs Disease, a few herds in Winnebago County are trying out the vaccination method. This was done under the supervision of the State Livestock Sanitation Department.
- D. During the year, the State Veterinarians were secured to make 11 dairy herd inspections, 3 hog inspections, and one poultry flock inspection.
- E. The county agent's office sent 59 specimens of diseased animals to the central laboratory for diagnosis.

BREED WORK

- A. The following live stock associations were maintained with board of directors and a program of work for each.
  1. Holstein Breeders Association
  2. Guernsey Breeders Association
  3. Swine Breeders Association
  4. Horse Breeders Association
  5. Poultry Association
- B. The purpose of each organization is to improve and promote its own individual class of live stock.

HORSE IMPROVEMENT

- A. Program sponsored by Winnebago County Horse Breeders Association cooperating with the Neenah Advancement Association in sponsoring a draft horse and team pulling contest, July 20.
  1. 78 horses exhibited in draft classes
  2. Nine teams were entered in the team pulling contest
- B. Winnebago County Horse Breeders sponsored third annual county Colt and Horse Show.
  1. Fair grounds, October 11, 1941
  2. 129 horses and colts exhibited
  3. 7 teams entered in the team pulling contest
  4. Approximately 1000 attended the show.

14

4-H CLUB WORK

4-H Club Work was a major project in 1940-41.

Two outstanding factors added highlights to the 1940-41 4-H club year. First, the new 4-H Dormitory at the County Fair where approximately 85 boys and girls were housed and fed for the four days of the fair.

The second outstanding event in the 4-H year was a capacity attendance of approximately 700 folks to see a new high achievement membership of 85% receive their pins and other honorary awards.

Statistics on the 4-H club program are:

1. 464 club members
2. 85% achievement
3. 35 4-H clubs
4. 53 adult leaders
5. 14 junior leaders
6. A 14-member 4-H council guided and planned the year's 4-H program.
7. One-day leaders training school held
8. One-day dairy judging school held
9. One-day livestock judging school held
10. County 4-H Round up
11. County teams entered State Contests in
  - a. Dairy judging
  - b. Livestock judging
  - c. Crops judging
  - d. Demonstration contest
12. County 4-H exhibits were outstanding in 1941.  
The following are County Fair 4-H Statistics;

a. Dairy calves	108
b. Beef calves	30
c. Hogs	36
d. Sheep	33
e. Poultry	143
f. Colts	2
g. Crop exhibits	200
h. 4-H booths	20
i. Cattle showmanship	36
j. Swine Showmanship	12
k. Sheep Showmanship	10
l. Horse Showmanship	6





BEEF CATTLE

- A. Beef cattle men organized to set up plan to secure better beef cattle in the county. A committee to arrange details was elected.
- B. Specialists - James Lacey, College of Agriculture  
                   C. F. Claflin, Manager, Equity Cooperative Livestock Sales of Milwaukee  
                   Leon Robbins - Agricultural Fieldman, Milwaukee Railroads

BEEKEEPERS

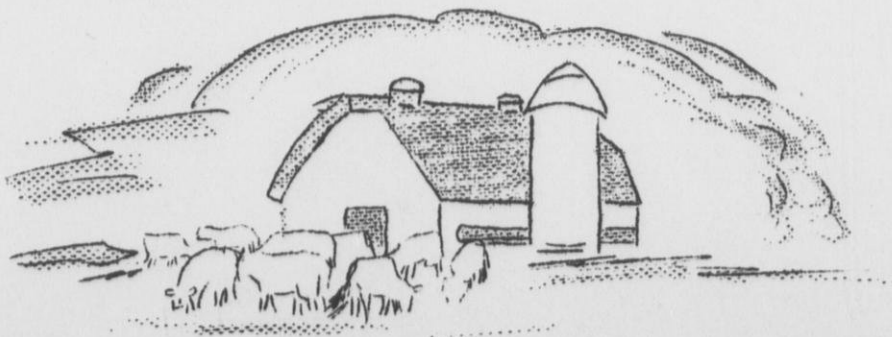
- A. Educational meetings monthly
- B. Honey Show - Oshkosh, November 7, 8 and 9.
  - 1. Attendance of 1000
  - 2. Display was excellent

FRUIT AND GARDEN GROWERS ASSOCIATION

- A. Educational meetings, monthly
- B. One orchard tour to observe -- Varieties of fruit  
   Diseases  
   Insects
- C. Held first Apple and Vegetable Show in Oshkosh, November 7, 8, and 9.
  - 1. A wonderful display
  - 2. Attendance, 1000

FARM ACCOUNTING

- A. 62 farm accounts were completed and analyzed.
- B. Specialist, I. F. Hall, Economist
  - 1. Each farmer keeping accounts was contacted personally and his accounts checked over by Mr. Hall.



NEWS

- A. County Agent's columns were maintained in seven newspapers weekly, and two radio stations in Wisconsin carried Winnebago County news.
- B. Monthly news letters were issued to:
  - 1. All 4-H club members and leaders
  - 2. All Co-op Dairy Herd Improvement Association members.
- C. Articles on Winnebago County Extension were carried at different times during the year in --
  - 1. Hoard's Dairymen
  - 2. Wisconsin Agriculturist
  - 3. Prairie Farmer
  - 4. Farm Journal
  - 5. Successful Farming

FARM ENGINEERING

- A. Educational meeting on construction and repair of farm buildings.
  - 1. Two all-day meetings were held
    - a. Clayton town hall - Specialist, Max LaRock of the College of Agriculture, and Loring Hanson, Portland Cement Association.
    - b. Algoma Town Hall
- B. Demonstrations
  - 1. Milk cooling tank was built according to specifications on a farm in the town of Winneconne.
  - 2. A set of milk cooling tank forms was constructed with the cooperation of one of the farm organizations in the county.
  - 3. These cooling tank forms were constructed so that they can be adjusted for any size tank. The forms have been made available to any farmer in the county who wishes to use them.
- C. Surveying
  - 1. The county agent surveyed for drainage on several different farms.
  - 2. Four farms in the county received help with drainage problems from the State Specialist, O. R. Zcasman.
- D. Individual Helps
  - 1. Bringing specifications for silos, barns, granaries, poultry houses, milk houses were drafted for about 25 farms in the county.
  - 2. Special emphasis was given in the farm engineering program to the reinforcing of old silos and the correct specifications for reinforcing in building new silos used for storing grass silage.
- E. Colored movies were shown at two farm meetings on correct methods of ensiling grass silage.

CONSERVATION

- A. Cooperated with the Oshkosh Chamber of Commerce in planning and staging the conservation show.
  - 1. County agent secured and showed all the movies at the four-day show.
  - 2. The county agent sponsored two booths at the conservation show:
    - a. Windbreaks for the farm home
    - b. Conservation of soil
  
- B. 10,000 seedlings were secured for 50 individuals in the county. These trees will eventually be used for farm windbreaks.

TENANT PURCHASE FARM LOANS

- A. County committee during the year set up five farm tenant purchase loans.
 

Nepouskun	1
Poygan	1
Black Wolf	1
Omro	1
Utica	1
  
- B. Several more applications have been certified, but farms that may be purchased are limited in numbers.

FOOD FOR DEFENSE

- A. Winnebago County farmers have been asked to increase production of milk, pork, and eggs --
 

Milk	21%
Eggs	11%
Pork	7%

This is the part farmers have in national defense -- To meet these increased production goals, farmers have been informed of this request by a "Food for Defense" program in the county.

This program was:

- 1. Launching meeting, attended by 45 leaders of rural organizations for the purpose of explaining county production goals.
- 2. Leadership school attended by 100 school district leaders. At this meeting, a leader from each school district was present. These leaders heard the "Food for Defense" program outlined and presented this material at school house meetings in each rural school. Reports of 59 school house meetings showed a total attendance of 843.

WEEDS

- A. Mustard control
1. Mustard and other broad leafed weeds cause much damage to small grain
- B. Sinox
1. A commercial chemical weed killer was recommended as a killer of mustard and all broad leafed weeds when applied in small grain
- C. Demonstrations
1. In June, the County agent, George Briggs, Agronomist, C. L. Zorsch, American Chemical Company, working with commercial sprayer in Town of Black Wolf fitted out a weed sprayer --
    - 300 gallon tank
    - 22 foot form
    - : Nozzles over 18 inches
  2. Spray mustard at about three leaves
  3. 65 acres sprayed in Oshkosh
    - Vinland
    - Omro
    - Algoma
    - Nekimi
  4. Result - 99% mustard killed, all broad leafed weeds killed, grain increased up to 50%.
- D. Creeping Jenny
1. Educational meetings
    - a. Weed meetings in town of Omro - George Briggs
  2. Demonstrational meetings - town of Winnebago, 1400 lbs. of Atlicide used.
  3. 800 lbs. of Atlicide sold through the county agent's office.

INSECTS

- A. Grasshoppers - not much damage in 1941 - no action taken
- B. Corn Borer
1. The corn borer is with Winnebago County farmers. This insect is serious and has spread over the entire county. United action in a complete clean-up program is necessary.
  2. Meetings on cornborer will be located over the entire county this winter and spring of 1941. These movies were shown by Mr. A. L. Pillar, State Entomologist.
- C. In July, an orchard and garden tour was held to study insect and disease trouble.
1. Specialists - O. B. Combs  
R. A. Vaughn

EDUCATIONAL PLANNING

- A. For the purpose of talking over common problems and arriving at a satisfactory solution, monthly meetings were held throughout the year with the following groups:
  - 1. The staff members of the Winnebago County Cooperative Testing Association.
  - 2. The Winnebago County Agriculture and Home Economics Educational Association.
    - a. Vocational Agricultural teachers in High Schools
    - b. Vocational Home Economics Instructors in High Schools
    - c. County Superintendent of Schools
    - d. County Agricultural Agent
    - e. County Home Demonstration Agent.
- B. Meetings at various times, as the need presented itself, with:
  - 1. County 4-H Leaders Council
  - 2. Dairy Herd Improvement Fieldman
  - 3. County Planning Committee
  - 4. 4-H Club Leadership Schools
  - 5. Committees and board of directors of various rural organizations in the county.

AGRICULTURAL CONSERVATION PROGRAM

- A. The county agent, in 1941, again acted as secretary to the Federal Farm program in Winnebago County.
- B. Tabulation of data on the 1941 farm program in Winnebago County gives the following statistics:
  - 1. 2558 farms in the county were scored
  - 2. 2145 farmers requested inspection for compliance with the 1940 program
  - 3. 2049 farmers will comply with the 1941 program in Winnebago County. This is approximately 80% compliance.
  - 4. \$123,760 is the approximate total payments to be received by Winnebago County farmers for complying with the 1941 program.
  - 5. \$60.40 is the estimated payment per farm in the county.
  - 6. 6 county-wide educational meetings were held.
  - 7. 10 township educational meetings were held.

DAYS WORKED ON PROJECTS

Dairy	93.7
4-H Clubs	40.7
Soils and Fertilizers	12.4
Crops	21.5
A.A.A.	12.9
Swine	2.1
Horses	12.7
Beef	2.6
Sheep	.2
Fruit and Garden	11.5
Pastures	3.7
Home Grounds Beautification	1.5
Forestry	.4
Livestock Disease	8.0
Poultry	3.9
Community Service	13.6
Woods	10.5
Insects	1.8
Cooperatives	5.0
Agricultural Engineering	.5
Loans and Farm Credit	6.7
Farm Management	3.2
Bees	.4
Buildings	2.2
Program Planning	12.5
Older Youth	.3
Drainage	.3
Other Livestock	1.2
Lime	1.0
National Defense	4.7
Farm Accounts	6.5
Short Course	.2
Peas	.8
Horticulture	.1
Miscellaneous	<u>17.3</u>
TOTAL	316.6

MISCELLANEOUS DATA

Bulletins distributed	1415
News articles	236
Days spent in field	239.4
Days spent in office	77.2
Miles travelled	15,072
Farm & Home visits made	<del>1230</del>
Farm & Home visits made for first time	322
Office calls	1554
Field Interviews	3254
Circular letters - Different ones	95
Total copies	16,493
Personal letters	2014
Telephone calls	1006
Method Demonstrations	
Number	6
Attendance	211
Result Demonstration	
Number	2
Attendance	70
Other Meetings Held or Attended	
Number	12
Attendance	688
Miscellaneous Meetings concerning Projects	
Number	318
Attendance	9912
Achievement Days	
Number	2
Attendance	1200

Before closing this report, I would like to list a few of the problems that must be considered by Winnecago farmers this next year.

1. Farmers are being asked to increase production due to national defense needs. This production increase must be brought about by an increase in farm efficiency and management -- not by expansion.
2. The problem, even though production increases will come due to higher prices, will be for farmers to get into such a position that lower prices can be absorbed when low prices come due to government's pending being shut off.
3. The maintenance of soil fertility is important. To get farmers to test their soil and work out a program of soil improvement is necessary.
4. Corn borer is with us. This is one program where 100% cooperation in its control is necessary.
5. Dealers in the "Steck Yards Bull" are gaining in numbers. Some program to counteract them is necessary.
6. Artificial inseminations is gaining in importance. Farmers who desire this service should have an opportunity to secure it.
7. The need for feed efficiency in feeding dairy cattle is more important now than ever before. Education is the only solution.
8. More cows must be tested for production. A 200# cow average is too low for a county as intensively farmed as Winnecago. Testing, culling and feeding are the only means of increasing this production.
9. The weed menace in creeping jenny must be solved in a cooperative way.
10. The farm labor situation is becoming an increasingly serious problem. It's solution is an ever increasing need in agriculture.
11. There are many others. The importance of those listed show the ever increasing need for a well informed agriculture. Needed more today than ever before in the history of agriculture.

Your suggestions and criticisms of the Agricultural Extension program is urged and will be welcomed at all times.

Respectfully Submitted

*Robert C. Hefferman*  
 Robert C. Hefferman  
 Winnecago County Agricultural  
 Agent



# Smith Lever Act

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled That in order to aid in diffusing among the people of the United States useful and practical information on subjects relating to agriculture and home economics, and to encourage the application of the same, there may be inaugurated in connection with the college or colleges in each State now receiving, or which may hereafter receive, the benefits of the act of Congress approved July second, eighteen hundred and sixty-two ... agricultural extension work which shall be carried on in cooperation with the United States Department of Agriculture:

"Sec. 2. That cooperative agricultural extension work shall consist of the giving of instruction and practical demonstrations in agriculture and home economics to persons not attending or resident in said colleges in the several communities, and imparting to such persons information on said subjects through field demonstrations, publications, and otherwise; and this work shall be carried on in such manner as may be mutually agreed upon by the Secretary of Agriculture and the State agricultural college or colleges receiving the benefits of this act.

"Sec. 3. That for the purpose of paying .....

May 8, 1914

*Woodrow Wilson*  
President of the United States