



# LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

## **Annual report of the county agricultural agent, Outagamie County: Nov. 1, 1940--Nov. 1, 1941. 1941**

[s.l.]: [s.n.], 1941

<https://digital.library.wisc.edu/1711.dl/OE3NLM4QB6E2J8T>

This material may be protected by copyright law (e.g., Title 17, US Code).

For information on re-use, see

<http://digital.library.wisc.edu/1711.dl/Copyright>

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.

DEC 10 1941

ANNUAL REPORT  
OF THE  
COUNTY AGRICULTURAL AGENT

OUTAGAMIE COUNTY

NOV. 1, 1940 — NOV. 1, 1941

AGRICULTURAL COMMITTEE

Walter Blake, Chr.

Arthur Genske — Fred Blohm

John Bottensek, Henry Van Straten

November 13, 1941

To the Honorable Board of Supervisors  
Outagamie County

Mr. Chairman, and Gentlemen:

I herewith respectfully submit my report for the period November 1, 1940, to November 1, 1941.

After a joint meeting of the agricultural committee of the county board with representative men and women from various parts of the county and discussing with them the needs of our rural people the following program of work was set up for the county extension office for the year 1940-41.

PROGRAM OF WORK

<u>Major Problems</u>	<u>Phases of Work</u>	<u>Goals</u>
1. Farm and Home Management	TVA Whole Farm Demonstrations	1 Demonstration in each of 15 communities.
	Farm Management School. . . . .	Hold series of 5 Meetings
	Plan Food Supply. . . . .	Conduct Garden & Fruit Mtgs. Food Preservation Meetings
	Extension Education . . . . .	Hold Program Planning Mtg. in each Township
2. 4-H Club Work	Organization. . . . .	4 Leaders Training Meetings 400 Members - 25 Clubs
	Activities. . . . .	25 Demonstration Teams, 4-H Sale, 8 Issues 4-H Publica.
	Achievement . . . . .	75% Achievement Cooperate with Fairs
3. Dairy Cattle Improvement	DHI Associations. . . . .	Maintain Seven Associations
	Bull Promotion. . . . .	Continue Bull Program
	State Fair. . . . .	4-H Projects & Demonstrations State Show Herd
4. Crop and Soil Improvement	Promote Alfalfa Growing . . . . .	Continue Soil Testing Put in Fertilizer Demonstra.
	Fertilizer Uses . . . . .	Co-op. with Ag. Teachers in Fertil. Dem. on Barley, Cabbage, Potatoes
	Act as Secretary of AAA . . . . .	Head Education on Good Farm Practices.

Other Work

Dairy Quality Improvement. . . . . Dem. on Use and Place of Dairy Products in Food Preparation  
Cooperate with Wis. Dept. of Agriculture on Educational Work Only.

Rat Control. . . . . Put on County-Wide Program  
 Weed Control . . . . . As Requested  
 Windbreak Plantings. . . . . As Requested  
 Poultry Improvement. . . . . As Requested  
 Family Economics . . . . . Business Methods of the Wisconsin Woman  
 Home Beautification & Home Remodeling. Planning Farm Buildings

(Signed) Walter A. Blake  
 Chairman of Agricultural Committee

J. F. Magnus  
 County Agricultural Agent

Irene Skutley  
 County Home Demonstration Agent

Approved E. A. Jorgensen  
 Extension Supervisor

Date November 9, 1940

## FARM & HOME MANAGEMENT

Twenty farms, one in each township of the county, were selected as Whole Farm Demonstrations. Each AAA community committeeman was asked to recommend five names from their township for this project from which one was selected at a joint meeting of the county AAA and county agricultural committees. The twenty farm families were then contacted and agreed to cooperate for a term of five years. During each of the five years soil samples will be taken from each field that will be seeded down. The Tennessee Valley Authority furnishes the amount of phosphate fertilizer that the soil tests show are required and the cooperating farmers pay the freight.

The farmer agrees to buy and apply the required amounts of potash and lime. This year the Potash Institute of America furnished the required potash and the farmers paid the freight. The farmers are also required to keep farm accounts and send them in to the Farm Records Office at the University at the end of each year for summarization.

The purpose of this project is not only to get farmers to properly fertilize their soils but to get them to carry out good farm practices adaptable to their particular requirements. It is hoped that good results will be obtained on these farms and as a result neighboring farms will adopt some practices that have proven workable and profitable in their own communities.

Our soils are the starting point of all farming and the complete fertilization of the soils on these farms serves as an entering wedge to get other things accomplished that will make for better and more prosperous farming in Outagamie county.

Last spring the chairman of the agricultural committee and your county agent made a trip to Kentucky, Tennessee, and Northern Alabama with representatives from other Wisconsin counties carrying on Whole Farm Demonstrations, to check on results obtained in these states where the program has been in progress the past six years. Farm families visited in the south were very enthusiastic about the program. One farmer visited had increased the carrying capacity of his pasture from 25 steers to 85 steers by a complete fertilization program. Another farmer had improved his pasture to such an extent that his livestock could not keep the grass down and he was able to fence off part of the pasture and allow white clover to mature for seed which was being sold for 90¢ a pound and returning \$150 per acre. Improved morale of the farm families visited was outstanding.

On our 20 demonstration farms check-strips with no fertilizer were left in each field seeded down. Samples of grain were taken from the fertilized and unfertilized portions of these fields, threshed and yields per acre computed. In most cases fertilized portions of these fields showed a substantial increase in yield over the unfertilized portions. In all except one field splendid catches of clover and alfalfa were obtained.

LOCATION OF DEMONSTRATION FARMS

D. Creek 1.	7. Maine	Cicero 3.	Seymour 6.
2. M. Creek	Bovina 18.	Bl. Creek 17.	14. Osb. Oneida 13.
Liberty 9.	Ellington	Center 4.	Freedom 11.
Hortonia 10.	16.		19. Kauk.
Dale 8.	Greenville 15.	G. Chute 5.	20. Vanden. 12. Buchanan

<u>Name</u>	<u>Address</u>	<u>Township</u>
1. Chas. & Lawrence Bacheller	Bear Creek	Deer Creek
2. Henry Breiting	Sugar Bush	Maple Creek
3. Bert J. Brugger	R.1 Black Creek	Cicero
4. Lawrence Defferding	R.2 Black Creek	Center
5. Oscar Franzke	R.2 Appleton	Grand Chute
6. Robert Gosse	R.1 Seymour	Seymour
7. Ben F. Gunderson	Clintonville	Maine
8. Arthur Kaufman	Dale	Dale
9. Alfred Krause	New London	Liberty
10. Milton Lippold	Hortonville	Hortonia
11. George McDaniel	R.3 Kaukauna	Kaukauna
12. James O'Connor	R.3 Kaukauna	Buchanan
13. Alvin Prelipp	R.1 Seymour	Oneida
14. Ed. Peotter	R.1 Seymour	Osborn
15. Frank Reimer	Greenville	Greenville
16. Elmer Root	Hortonville	Ellington
17. Ed. Sessman	R.2 Black Creek	Black Creek
18. Milo Singler	Shiocton	Bovina
19. Emil Uhlenbrauck	R.2 Appleton	Freedom
20. John VandeLeygraaf	R.1 Kaukauna	Vandenbroek

### FARM MANAGEMENT SCHOOLS

A joint series of farm management schools were held last winter with Ike Hall and Miss Clara Jonas from the University of Wisconsin conducting the schools. Part of the meetings were for men and women and part were conducted as separate meetings. This fall meetings of all the Demonstration Families were held at which time Mr. Hall checked their farm record books and found most of the books well kept.

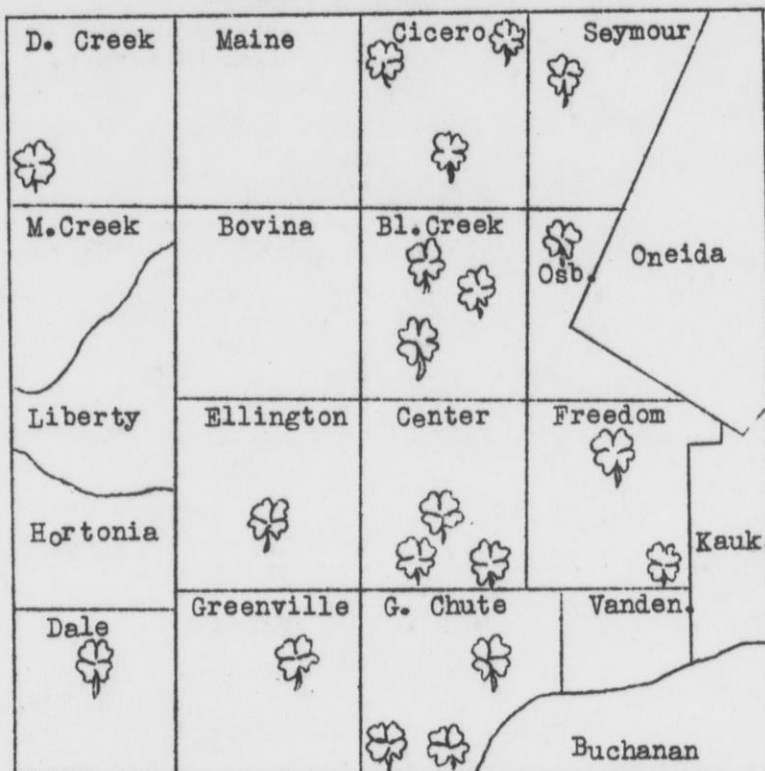
### FRUIT SCHOOLS

Fruit schools were held again last winter with the aid of Conrad Kuehner, Fruit Specialist from the College of Agriculture. A series of four meetings were held in two different places in the county followed by orchard pruning demonstrations this spring. An orchard tour was held this fall giving farm families an opportunity to see some of the results obtained by following practices advocated at the winter meetings. One stop on the tour also showed conclusively the need for care in checking work done by commercial sprayers. The farmer had paid for spraying his trees seven times and still had considerable scab and maggots. Checking with the farmer we found that only about one-eighth the necessary spray material had been applied. Clean fruit can be had only if a complete and exacting spray program is carried on.

# 4-H CLUB ACTIVITIES

20 Clubs  
280 Members, 114 Boys - 166 Girls

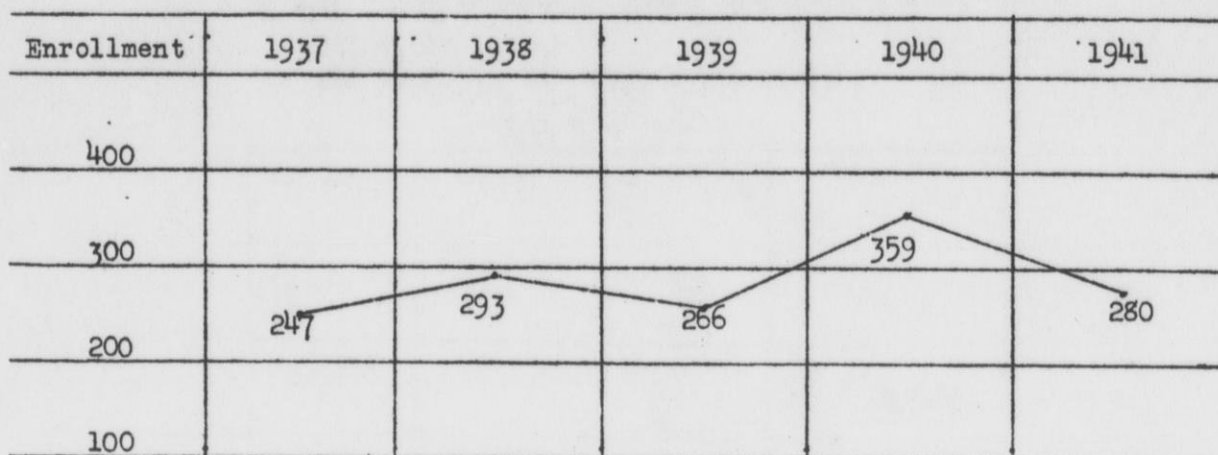
Location of Clubs



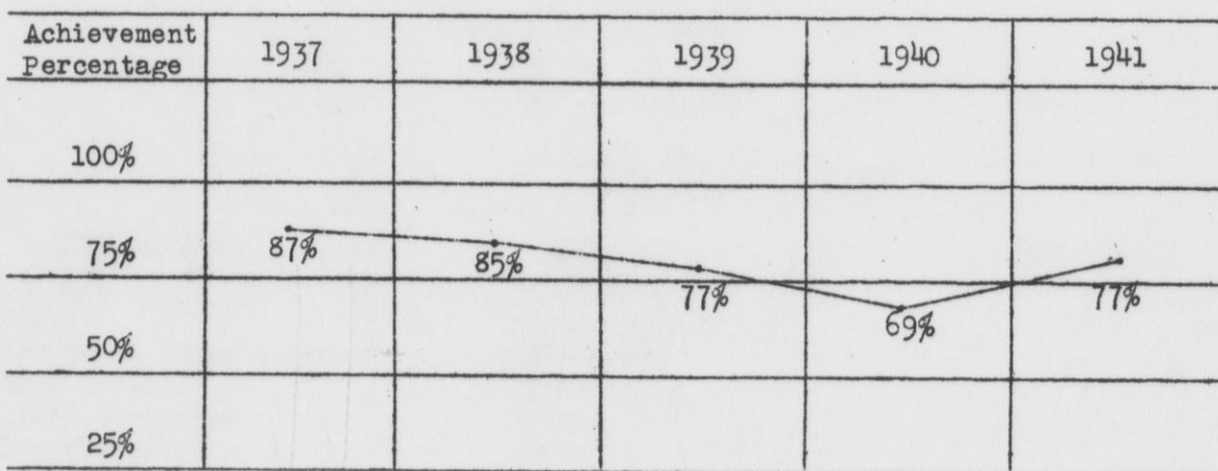
<u>Name of Club</u>	<u>Township</u>	<u>Enrollment</u>
B Square	Grand Chute	9
Badger	Grand Chute	12
Bear Creek Happy Workers	Deer Creek	12
Black Creek	Black Creek	7
Cicero Sunnyside	Cicero	14
Clover Leaf	Dale	6
Columbine	Grand Chute	6
Crystal Star	Seymour-Osborn	24
Fairview	Black Creek	11
G.F.C.	Grand Chute-Freedom-Center	15
Happy Hearts	Freedom-Osborn	12
Hillsdale Helping Hands	Center	11
Kau-Free	Kaukauna-Freedom	11
Nichols Busy Bees	Cicero	29
North Cicero	Cicero	13
Pleasant Corners Happy 4-H Girls	Greenville	12
Sunnyview	Black Creek	10
Wide Awake Forward	Center	15
Willing Workers	Ellington	26
Woodland Hustlers	Seymour	25

Total Enrollment 280

4-H Club Enrollment in Past 5 Years



4-H Achievement the Past 5 Years



Five leaders' training meetings were held, eighteen demonstration teams took part in the county contest, and four issues of the 4-H Hi-Lights were issued.



National 4-H regulations require at least five boys and girls between the ages of 10 and 21 to organize a 4-H club and an adult to serve as leader. This past year there were several groups of boys and girls that wished to join clubs but no adult could be found that would take the responsibility to serve as leader. This tended to curtail the enrollment somewhat. Quality of 4-H work was high which reflects the interest and high character of supervision on the part of those serving as leaders.

Two Outagamie county 4-H girls won outstanding honors this year -- Lois Schreiter of the Pleasant Corners 4-H Club being selected as the healthiest 4-H girl in Wisconsin and Geneva Duhm of the Fairview 4-H Club as Wisconsin's outstanding girl in the Clothing project. Both girls will represent Wisconsin at the National 4-H Club Congress at Chicago November 29th to December 6th.

#### TRIP TO WISCONSIN DELLS

Instead of the annual 4-H camp a trip to the Dells of Wisconsin was arranged. Five school busses were necessary to take 156 members and leaders on the trip and three large boats to take the group on the scenic trip through the Upper Dells. Considerable financial aid from the Retail Division of the Appleton Chamber of Commerce helped make the trip possible.

#### RURAL YOUTH DAY

The seventh annual Rural Youth Day sponsored by the Appleton Junior Chamber of Commerce was held Saturday, May 10th. Twenty-three hundred boys and girls attended the free moving picture show in the forenoon and enjoyed the noon luncheon and program at the park. Some very fine floats prepared by 4-H clubs and rural schools entered the parade contest which was won by the Happy Hearts 4-H Club of Seymour. A fine plaque was presented to them by the Junior Chamber of Commerce.

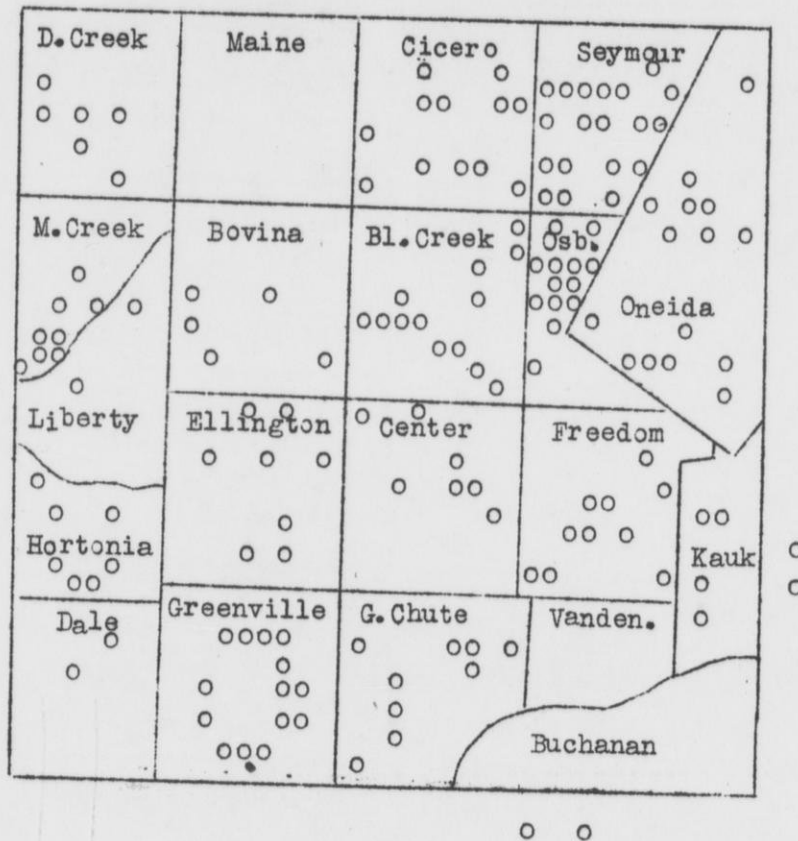
#### 4-H AND FFA LIVESTOCK EXHIBITS

About 140 calves were exhibited by 4-H members at the county fair and approximately 40 pigs by FFA boys. Ten calves and 20 pigs were exhibited at the Wisconsin Junior State Fair. Enough premiums were earned to more than make expenses and the boys had the experience of comparing their animals with the best from all parts of Wisconsin. For the second year in succession Outagamie county had the champion Holstein bull at the Junior State Fair. Ernst Wieckert of the Wide Awake Forward 4-H Club won the coveted honor this time and his brother Carlton won it last year.

# DAIRY CATTLE IMPROVEMENT

Seven Dairy Herd Improvement Associations were maintained the past year but with considerable change of fieldmen. The army draft and higher wages in other jobs caused most of the change.

Location of D.H.I.A. Members



Outagamie County D.H.I. Fieldmen

- Association No. 1 . . . . . Russell Wright
- Association No. 2 . . . . . Donald Johnson
- Association No. 3 . . . . . Kenneth Redman
- Association No. 4 . . . . . Wm. Yonkman
- Association No. 5 . . . . . Norbert Totzke
- Association No. 6 . . . . . Stephan Simon
- Association No. 7 . . . . . Merlin Hintz

## BULL ASSOCIATIONS

Our three cooperative bull rings --- one Holstein and two Guernsey rings have been operating long enough so that all of the original sires now have a few daughters in milk. All daughters that have finished a year's production have proved to be profitable producers but not enough have completed records to make a final evaluation of the sires.

Guernsey Association No. 1

Aug. Grunwaldt & Son, R.1 Black Creek  
 Otto Zschaechner, R.1 Appleton  
 Jamison Brothers, R.1 Appleton  
 Victor Leppla, R.1 Appleton

Guernsey Association No. 2

O. H. Breitrick, R.1 Appleton  
 Ed. W. Dietz, R.1 Hortonville  
 Jamison Brothers, R.1 Appleton  
 John Fredrich, R.1 Appleton

Holstein Association No. 1

John Dobberstein, Hortonville  
 Frank Appleton, R.1 Seymour  
 Leon Wasserbach, R.1 Appleton  
 Maurice Powers, R.2 Shiocton

## OUTAGAMIE BETTER SIRES COOPERATIVE

At the annual meeting of the Outagamie Better Sires Cooperative the members voted to liquidate the organization and sell the bulls as members finished with their present sires and cash in on the present favorable prices. About one-fourth of the sires have been sold.

## ARTIFICIAL INSEMINATION OF DAIRY CATTLE

The Tri-County Breeders Association was organized a year ago last April for the purpose of artificially inseminating dairy cattle and has now grown to one of the largest in existence. Just recently the Oconto-Marinette ring merged with the Tri-County Association and at present has 8,000 cows signed up. The bulls at Oconto Falls will soon be moved to the Tri-County Bull Farm at Shawano. When this is done it will increase the bull herd to twenty. Six full-time veterinarians are employed and arrangements are being made to engage one more.

## SHOW HERD AT STATE FAIR.

The Guernsey breeders again displayed a herd at the State Fair and placed second against stiff competition. The cattle were selected from the following herds: Victor Leppla, John Fredrich, Otto Zschaechner, O. H. Breitrick, Henry Haferbecker, and the Outagamie Guernsey Breeders Association No.2. A cow belonging to John Fredrich was the champion Wisconsin cow. The herd was also displayed at the Winnebago County Fair at Oshkosh where it also made a fine showing.

## DISTRICT GUERNSEY SHOW

A District Guernsey Show was held at the old fair grounds at Hortonville last June. Sixty-nine head of fine Guernseys were displayed from five counties, namely Portage, Winnebago, Waupaca, Marquette, and Outagamie. A ladies milking contest was a feature of the show -- the three fastest milkers being selected to take part in the contest at the State Fair. Very fine cooperation was received from the Hortonville Business Mens' Association in staging the show.

## BLACK AND WHITE SHOW

A District Black and White Show was held at Seymour June 17th with excellent cattle displays from Waupaca, Brown, and Outagamie counties. A feature of the program included the throwing and hoof trimming of Hilmer Mueller's 2900 pound bull by Dick Stumbo, fieldman for the Wisconsin Dairyman's Association.

## DAIRY SHOW

As a follow-up to keep our farmers and plant operators interested in the Quality Milk Program the Appleton Post of the American Legion sponsored a three-day Dairy Show on March 6, 7, and 8th. Booth space was sold to manufacturers of dairy equipment, dairy supplies, and others making products of interest to farmers. The new one-pound packages of rindless cheese developed by the Department of Agriculture was placed on sale for one of the first times at the show. A fine program of speakers was arranged for including the state dairy queen, Dorothy Harrison, Ralph Ammon, Director Clark, Fred Huntzicker, and Senator Coakley. Besides the speakers a varied program of 4-H demonstrations and entertainment was presented each afternoon and evening. The business men of Appleton and the surrounding area cooperated very extensively and gave many valuable prizes.

# CROP & SOIL IMPROVEMENT

## SOIL TESTING SERVICE

During the time the soil testing service project has been in operation 4,286 samples have been tested. These show that 35.3% of the samples tested need lime, 60.8% need phosphate, and 22.9% need potash. Agent particularly urges all farmers to have soils tested upon fields that are to be seeded down. With the necessary amounts of soil nutrients quickly available there is much better chance of getting a good stand of clover and alfalfa even though weather conditions may be adverse.

## ALFALFA PLOTS

Two years ago a one-acre planting was seeded to a 50-50 mixture of Cossack and Ladak alfalfa on the Tom Dorsey farm, township of Center. This planting is surrounded by a field of Grimm Alfalfa, a commonly grown winter hardy variety. So far no noticeable difference in yield has been noted but some wilt has been found in the Grimm variety. This plot will be continued.

A year ago last spring a two-acre field was planted in one-half acre strips

of different varieties of alfalfa on the John Dolan farm, township of Kaukauna. The plot contains the following varieties: Grimm, Cossak, Ladak, Hardigan, Hardistan, and Oklahoma Common. This plot was put in particularly to check lasting qualities of the different varieties. This summer there was very little noticeable difference in yields but the next two years should show which varieties are most adaptable to our climatic conditions.

#### GRAIN AND SOYBEAN PLOTS

Soybean and grain variety plots were again planted in cooperation with the three Smith-Hughes teachers of the county. Mr. Judd made arrangements for a plot on the Peter Reichel farm, township of Kaukauna; Mr. Reese made arrangements for a plot on the Ed. Ganzel farm, township of Seymour; and Mr. Alberts made arrangements for a plot on the Ralph Gehring farm, township of Bovina.

At ripening time field demonstrations were held giving farmers in the various communities an opportunity to compare the different varieties growing side by side. Mr. Briggs and Mr. Vaughan of the College of Agriculture were present to discuss plant adaptations and plant diseases with the farmers. Farmers were very much impressed with the new Vicland Oats which showed no rust or smut although growing side by side with varieties badly infested.

#### Yields of Grain Varieties in County Demonstration Plots 1937-41

##### OATS

Variety	1937	1938	1939	1940	1941
Gopher	42.5	--	--	105.6	--
Anthony	60.5	--	--	--	--
Swedish Select	--	--	--	52.3	--
Pedigree No. 1	44.8	64.0	--	56.7	--
Pedigree No. 7	52.0	--	45.0	55.1	64.1
Pedigree No. 19	52.3	42.3	60.3	40.5	--
Forward	54.3	64.9	51.8	50.9	78.8
Spooner	--	--	58.9	50.5	75.5
Vicland	--	--	--	90.2	80.3

## BARLEY

12.

Variety	1937	1938	1939	1940	1941
Oderbrucker	14.9	62.7	35.6	--	--
Velvet	20.8	42.8	--	--	--
Pedigree #38	--	--	33.9	--	--

## WHEAT

Variety	1937	1938	1939	1940	1941
Marquis	2.1	--	--	12.6	--
Progress	3.0	24.8	16.0	--	--
Sturgeon	3.6	30.2	22.0	--	--
Thatcher	14.6	--	13.0	28.1	--
Durum	--	32.3	--	--	--

## FLAX

Variety	1937	1938	1939	1940	1941
Common	--	--	14.5	11.1	--
Red Wing	--	--	18.3	--	--
Viking	--	--	17.8	--	--
Bison	--	--	--	13.3	--

## SPELTZ

Variety	1937	1938	1939	1940	1941
Speltz	--	37.9	43.5	46.8	--

Lime orders for farmers were handled on a cash basis through the county agent's office and through the Grant of Aid by the County AAA Office. Through the Grant of Aid program farmers can order lime in the winter or spring and have payment for same taken out of their AAA earnings in the fall. Farmers of Outagamie County used approximately 5,500 tons of Agricultural Limestone the past year.


Cash Prices of Agricultural Limestone Follow

<u>Black Creek Quarry</u>	County Agent's Office	Grant of Aid	<u>Hodgins Quarry</u>	County Agent's Office	Grant of Aid
Black Creek.....	\$1.45	\$1.38	Bovina.....	\$1.45	1.40
Dovina.....	1.45	1.39	Center.....	1.55	\$ 1.48
Buchanan.....	1.65	1.64	Dale.....	1.40	-
Center.....	1.55	-	Ellington.....	1.35	1.32
Cicero.....	1.45	1.28	Grand Chute.....	1.50	1.50
Dale.....	1.65	-	Greenville.....	1.40	1.45
Deer Creek.....	1.55	1.48	Hortonia.....	1.35	-
Ellington.....	1.55	-	Liberty.....	1.40	1.40
Freedom.....	1.55	-	Maple Creek.....	1.48	1.48
Grand Chute.....	1.55	1.49	Vandonbrook.....	1.65	1.60
Greenville.....	1.65	-	Kaukauna.....	-	1.65
Hortonia.....	1.65	-	Buchanan.....	-	1.65
Kaukauna.....	1.65	1.64	<u>Millerd Quarry</u>		
Liberty.....	1.55	-	Dale.....	-	1.24
Maine.....	1.45	1.22	Hortonia.....	-	1.24
Maple Creek.....	1.55	-	<u>VandonHeuvel Quarry</u>		
Oneida.....	1.65	-	Freedom.....	-	1.30
Osborn.....	1.55	-	Oneida.....	-	1.24
Seymour.....	1.55	-	Osborn.....	-	1.24
Vandonbrook.....	1.65	-	Seymour.....	-	1.24


Financial Statement of Lime Project

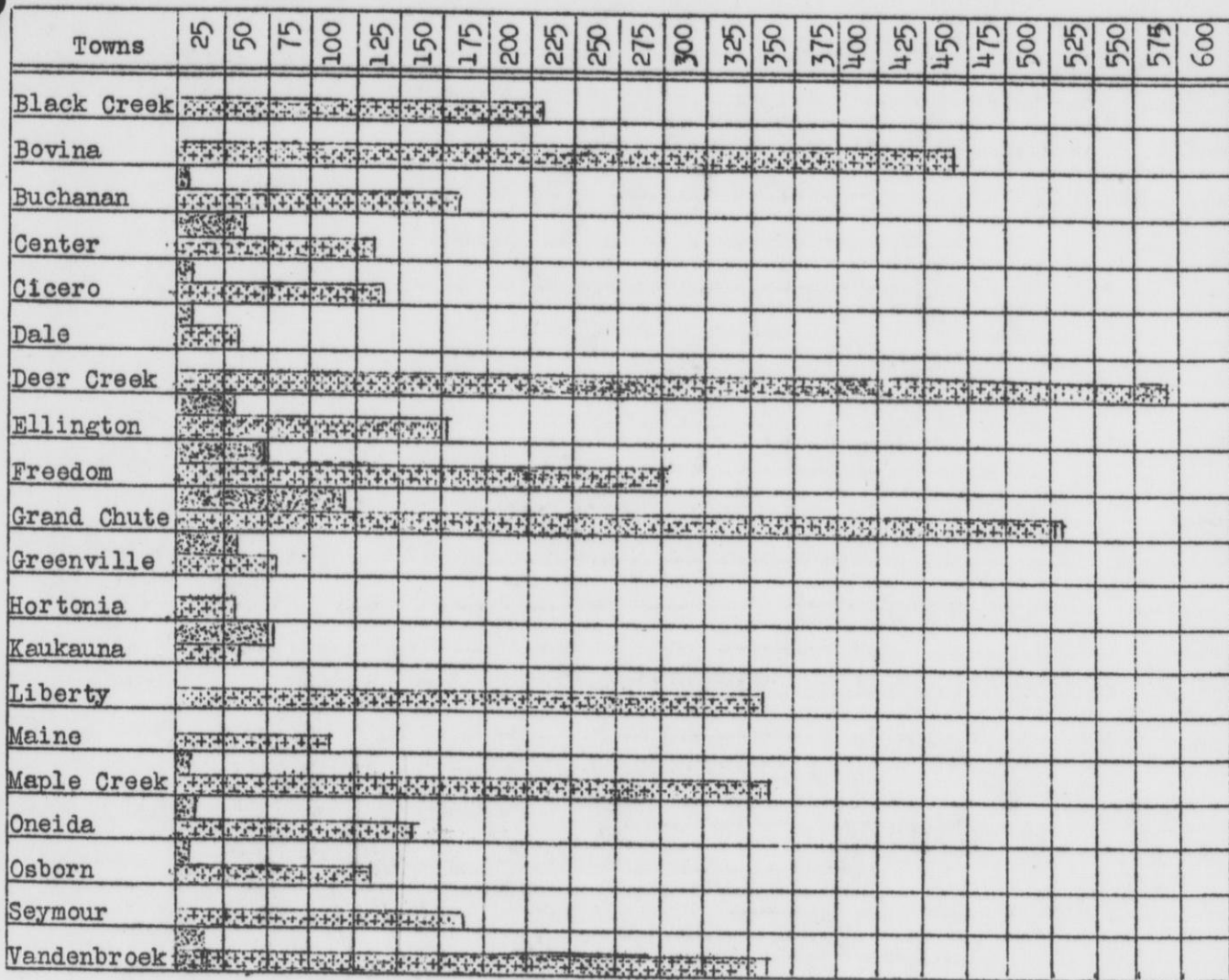
Balance, November 1, 1940.....	\$230.76
Received from sale of 338 tons of lime from November 1, 1940 - November 1, 1941.....	<u>515.40</u>
Total Receipts.....	\$746.16
Paid for lime and delivering, November 1, 1940 - November 1, 1941	
Black Creek Limestone Co.....	362.03
Kenneth Hodgins.....	202.50
Miscellaneous.....	<u>84.47</u>
Total Paid.....	649.00
Balance, November 1, 1941.....	97.16
Line Orders Not Paid For --	
Black Creek Limestone Co.....	32.30
Kenneth Hodgins.....	<u>49.75</u>
	82.05
Balance.....	15.11

This is the amount of Agricultural limestone delivered from these two sources. Considerable amounts of lime are purchased by farmers at the Black Creek and Hodgins quarries as well as the Gruetzmacher, Millerd and VandenHeuvel quarries of which we have no record. It is estimated that this would amount to at least 1000 tons this past season.

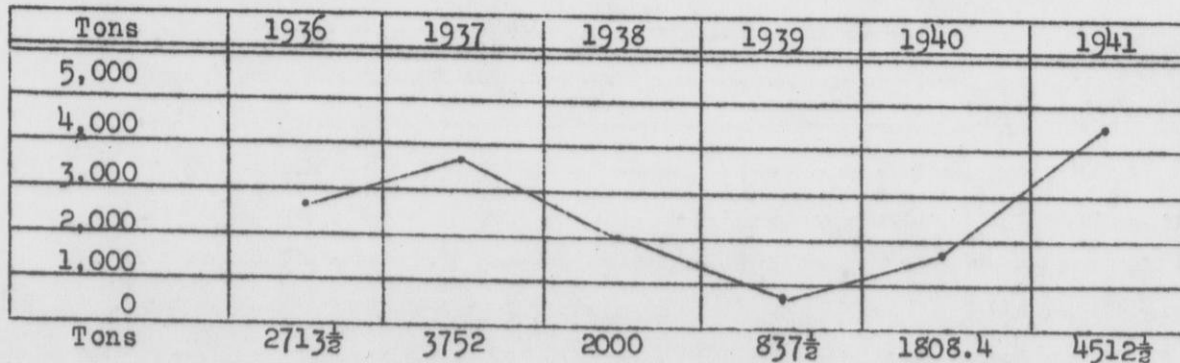
 Lime Ordered Through County Agent's Office

(Each section represents 25 tons.)

 Grant-of-Aid Lime Ordered Through AAA Office



Lime delivered to farmers from county lime projects during the last five years. The 1940 and 1941 tonnages include Grant-of-Aid lime ordered through the AAA office.





## GRAIN INSPECTION

Agent made field inspections of grain for several farmers again this year who are growing certified seed. Inspectors from the College of Agriculture made field inspections for those growing the new Vicland Oat as well as for those growing Hybrid Seed Corn. The new Vicland oat is smut and rust resistant and gave excellent yields.

Growers of Vicland Oat

<u>Name</u>	<u>Address</u>	<u>No. Acres</u>
Oliver Gehring . . . . .	Kaukauna. . . . .	12
Leonard Jepson . . . . .	Bear Creek. . . . .	5
Milo Komp. . . . .	Hortonville . . . . .	12.5
Fred Krahn . . . . .	Seymour . . . . .	5
Emil Krueger . . . . .	Kaukauna. . . . .	5
Wm. Krueger. . . . .	Kaukauna. . . . .	6
Harvey A. Maass. . . . .	Seymour . . . . .	5
Emil W. Mueller. . . . .	Seymour . . . . .	30
Nick Paltzer. . . . .	Appleton. . . . .	10
Western Elevator Co. . . . .	Appleton. . . . .	7.5
Wickesberg Brothers . . . . .	Appleton. . . . .	5
Merlin Wolf. . . . .	Black Creek . . . . .	5

Growers of Hybrid Seed Corn

<u>Name</u>	<u>Address</u>	<u>No. Acres</u>
Theo. M. Cloud . . . . .	Seymour. . . . .	10.5
Oliver Gehring . . . . .	Appleton. . . . .	30
Wm. R. Jeske . . . . .	Black Creek . . . . .	2
Milo Komp. . . . .	Hortonville . . . . .	30
Harvey A. Maass. . . . .	Seymour. . . . .	80
Emil W. Mueller. . . . .	Seymour . . . . .	52
Herbert W. Mueller . . . . .	Seymour . . . . .	16
Nick Paltzer. . . . .	Appleton . . . . .	51
Edward F. Peotter . . . . .	Seymour . . . . .	4
Charles Wussow. . . . .	Black Creek . . . . .	95
Herman Wussow. . . . .	Black Creek . . . . .	100

## CABBAGE

The Surplus Marketing Administration cabbage buying program was discontinued in our county the third week of last November. Heavy freezing weather and high winds froze several thousand tons in fields and temporary storage sheds. However, the program helped our farmers very greatly and a good deal more cabbage would have been lost in the fields if it was not for the help obtained through this federal agency. 242 carloads of surplus cabbage was purchased in the county at \$8.50 a ton bagged aboard car. From this the cost of loading, car inspection, bags, tags, and string had to be subtracted. The farmers were paid a net of \$6.00 per ton. The total loading cost, including insurance, amounted to a little over

\$1000 as compared with almost \$5000 paid for burlap bags. This shows the efficiency of the work of the farmers' committee in charge and the willingness of all to cooperate to keep down expenses. The program brought in a gross of \$27,791.38 to our farmers, practically all of which would have been lost except for this buying program. Our local committee received wonderful cooperation from J.R. DuShane in charge of the buying program in Wisconsin.

The 1941 market for cabbage has been much more favorable to our growers. A few truck loads of extreme early cabbage sold for as high as \$35 a ton. The market price for both early and late has varied from this high point of \$35 a ton down to \$10 a ton. Kraut factory contracts called for \$7.00 and they have paid up to \$10.50 this fall. With average yields of better than ten ton per acre returns from this crop have been very favorable this year but harvesting costs have been very much above average. Labor has been scarce and high priced and the wet weather has made harvesting conditions almost impossible. Considerable tonnage was lost in low spots in many fields. Outagamie county has the largest cabbage acreage in the state.

#### OTHER CANNING CROPS

Yields of peas, beans, spinach, tomatoes, canning beets, and sugar beets have been average or above but contract prices were based more on last year's conditions rather than this year's.

#### AAA PROGRAM

Total final payments to Outagamie county farmers for 1940 amounted to \$200,114.44. Payments for 1941 will be made soon. Fifteen hundred applications for payment have already been signed. The organization and general program has been very similar to that of last year. Two types of payments were earned--one payment of \$1.10 per acre for staying within the soil depleting allotment and the other known as the soil building payment earned by carrying out soil building practices such as seeding grasses and legumes, application of lime, application of fertilizers on fields from which no soil depleting crop is harvested, planting trees, and a few others. Six carloads, or 180 tons, of 45% superphosphate were distributed by the AAA committee under the Grant of Aid program.

The county committee the past year consisted of Joseph E. Garvey, Freedom, chairman; Thomas Dorsey, Center, vice-chairman; and Ervin Schmidt, Osborn, third member. The county agent served as secretary.

Tabulation of AAA Payments Last 5 Years

Year	Agr'l. Conserva- tion Payment	Sugar Beet Payment	Wheat Parity Payment	Total
1936	\$ 165,858.37	---	---	\$ 165,858.37
1937	165,126.32	\$ 3,586.71	---	168,713.03
1938	176,677.43	9,760.27	---	186,437.70
1939	201,781.00	14,418.91	\$ 825.28	217,025.19
1940	184,937.37	14,398.17	778.90	200,114.44
Totals	\$894,380.49	\$42,164.06	\$1,604.18	\$ 938,148.73

## OTHER WORK

### DAIRY QUALITY IMPROVEMENT

About thirty counties have now followed Outagamie county and put on county-wide Quality Improvement campaigns. The improvement of quality in dairy products is a long time program that takes external vigilance on the part of the farmers, dairy plant operators, and distributors of dairy products.

Two of our cooperative dairy plants have helped their patrons build approximately 175 cooling tanks the past two years. Three of our progressive cheesemakers in the Seymour area have had a set of cooling tank forms built and hired a cement maker to build cooling tanks for their patrons. A few tanks have been finished this fall and it is hoped that many more will be built next summer.

### RAT CONTROL

Last fall the county board placed a bounty on rats, but a few localities wanted rat bait and the agent obtained it from the Wisconsin Conservation Commission for New London, Village of Bear Creek, Township of Black Creek, and also for a few individuals. Very considerable inquiry has been received throughout the spring, summer, and fall for rat bait. Many bulletins have been distributed giving directions on how to mix the bait and use it.

### WEED CONTROL

As a consequence of the successful results obtained last year in spraying mustard infested fields of grain with Sinox, Walter Huelsbeck living a few miles south of Appleton made a machine this spring with which to do commercial spraying for other farmers. The machine was built with a rod boom having eleven flat spray nozzles set at different angles and mounted on the shortened chassis of an old automobile. Thus the same machine could travel on the highways and do the spraying job in the fields. The machine worked splendidly and he sprayed 135 acres for himself and eight other farmers located in various parts of the county. Results were not as good as last year due principally to the fact that spraying was done too late in the season. Wet weather delayed Mr. Huelsbeck in starting the spray program and such splendid results were obtained the year before with some late applications that we placed too much faith in late spraying. From results obtained over the state the past two seasons it seems that best control is obtained by spraying when the mustard plant is from three to six inches in height. One gallon of Sinox and two pounds of Ammonium Sulphate are mixed with 100 gallons of water and used to spray one acre. The Ammonium Sulphate serves as an activator and speeds up the killing action of the Sinox.

## Location of Fields Sprayed with Sinox

D. Creek	Maine	Cicero l.	Seymour	Oneida
			4. 2.	
M. Creek	Bovina	Bl. Creek	3. Os.	
			6.	
Liberty	Ellington	Center	Freedom	Kauk
			7.	
Hortonia				
Dale	Greenville	G. Chute	Vanden	
			8. Buchanan	
			9.	

<u>Name</u>	<u>Address</u>	<u>Acres Sprayed</u>
1. Julius Bubolz . . . . .	Seymour . . . . .	28
2. Wendt Brothers . . . . .	Seymour . . . . .	5
3. Arnold Ahsman . . . . .	Seymour . . . . .	6½
4. John Gander . . . . .	Seymour . . . . .	14
5. Louis Timm . . . . .	Appleton . . . . .	8¾
6. Henry Verbaten . . . . .	Seymour . . . . .	9
7. Albert VanderWettering . . . . .	Appleton . . . . .	35
8. Frank Thelan, . . . . .	Kaukauna . . . . .	8
9. Walter Huelsbeck . . . . .	Menasha . . . . .	20

## FIELD BINDWEED

Last fall six demonstrations were given in various parts of the county on how to apply sodium chlorate to kill Creeping Jenny or Field Bindweed. These plots were checked by agent this summer and showed very effective control when applied at the rate of four pounds per square rod either wet or dry. The sad part is, that with farmers willing and anxious to kill their small patches of this persistent weed, we have been unable to get the sodium chlorate as it is used for war purposes.

## GRASSHOPPERS AND ARMY WORMS

Very little damage was done by grasshoppers the past season and there was no necessity to set up either township or county mixing stations.

Army worms did cause some damage and a mixing station was set up by the township of Grand Chute. The sodium arsenite, bran, molasses mix was very effective in controlling the worms when spread. The worms appeared about grain cutting time but parasites attacked them and very few farmers found it necessary to spread the bait. Wm. Krueger obtained good results with the poisoned bait in grain and Henry Griesbach in corn.

#### EUROPEAN CORN BORER

The European corn borer was found in Outagamie county two years ago. Last year it had increased in numbers and this year it was quite generally reported in all parts of the county. No great amount of commercial damage was done but enough so that our farmers will have to adopt stringent control measures right away. Winter meetings are planned for this purpose.

#### AGRICULTURAL ENGINEERING

Building problems have been discussed with many farmers and individual farm visits have been made with Max LaRock, architectural engineer from the College of Agriculture to advise in both new construction work and repairing old buildings. Many bulletins giving diagrams and specifications for poultry houses, hog houses, milk houses, sewage disposal and barns have been supplied to interested farmers. Repairing old concrete silos is another problem that causes many farmers to seek for help.

#### HOME GROUNDS BEAUTIFICATION

Demonstrations on beautification of home grounds were given in two different parts of the county with the aid of L. G. Holmes, Landscape Specialist of the University of Wisconsin. He also held demonstrations and carried on work with twelve FFA boys and Future Homemakers of the Seymour High School.

#### WINDBREAK PLANTINGS

Approximately 22,000 trees for windbreak purposes were distributed from the county detention camp the first part of May. Each year trees are obtained from the Conservation Commission and placed in the camp nursery for two or three years before being distributed to the farmers of the county for windbreak purposes. This year some of the best trees ever distributed to the farmers of the county were given out. The farmers obtaining trees large enough to be seen after planting take much better care of the trees and obtain a better windbreak in a shorter period of time. One demonstration planting was held at the Emmett Root farm near Hortonville. A group of high school students attended the demonstration and took an active part in planting the trees.

Our county fair was held August 7th to 10th and was probably the best fair held in recent years. Junior fair animal entries were the largest in the history of the fair. Working with the local dairy inspector, Earl Culver, we set up a dairy booth at the county fair that attracted considerable attention. The display consisted of a 1/8 size concrete cooling tank and model farms for building cooling tanks furnished through L. C. Hanson of the Portland Cement Association. We also displayed a model milk house, a small model cooling tank, different seamless milk cans, pails, strainers, stirring rods, washing brushes and washing powders. This equipment obtained through the courtesy of the Fox River Cooperative Wholesale was displayed on a tubular steel rack furnished by the Consolidated Badger Cooperative. Mr. Culver, the dairy inspector remained in charge of the booth throughout the fair and obtained about 100 signed requests for the Wisconsin Milk House bulletin.

The county agent serves as secretary to the Farm to Market Committee which lets contracts for the crushing of farm to market stone. The past year 44,290½ cubic yards of lime rock were crushed in the following quarries:

Math Van Hoof Quarry . . . . .	15,639
Black Creek Limestone Company . . . . .	13,649
Kenneth Hodgins Quarry . . . . .	7,410½
John Walters Quarry . . . . .	7,592

Each township and municipality in the county received 300 cubic yards except the city of Kaukauna received 500 yards and the city of Appleton 1,000 yards. The balance of the stone was used on the county trunk highway system.

The average cost of stone, crushing and stock piling amounted to 67.8 cents per cubic yard or 2.7 cents higher than a year ago.

Besides the items in this report the county agent has worked with many rural and city organizations and individuals on many and various problems such as preparation and upkeep of lawns, vegetable and flower gardens, ants, cockroaches, moths, silver-fish, plumbing, blasting, drainage, legal matters, purchase of certified seeds, various kinds of livestock and machinery, livestock rations, disease control and many others.

#### OFFICE STATISTICS

Telephone Calls . . . . .	2,506
Office Calls . . . . .	1,839
Personal Letters Written . . . . .	2,844
Circular Letters Written . . . . .	191
Total Circular Letters Mailed . . . . .	31,982
Number of Meetings Held . . . . .	240
Attendance at Meetings . . . . .	20,701
No. of Farm Visits . . . . .	1,168

At this time I wish to express my appreciation for the splendid cooperation received from the agricultural committee, the county board, the farmers, and business men of the county.

Respectfully Submitted,

*J. F. Magnus*  
 J. F. MAGNUS  
 County Agricultural Agent  
 Outagamie County

METHODS OF SPREADING T.V.A. FERTILIZER  
OUTAGAMIE CO.



Homemade fertilizer spreader







LANDSCAPE DEMONSTRATION

-h. C. Holmes-





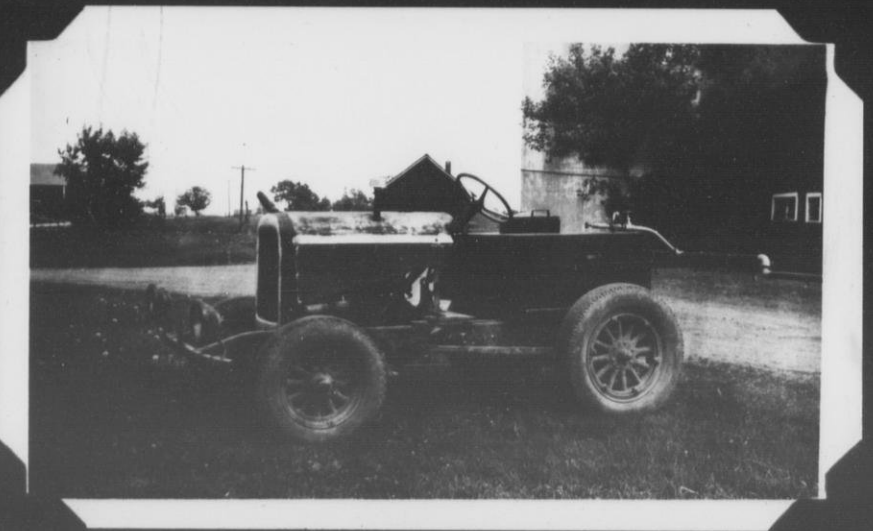
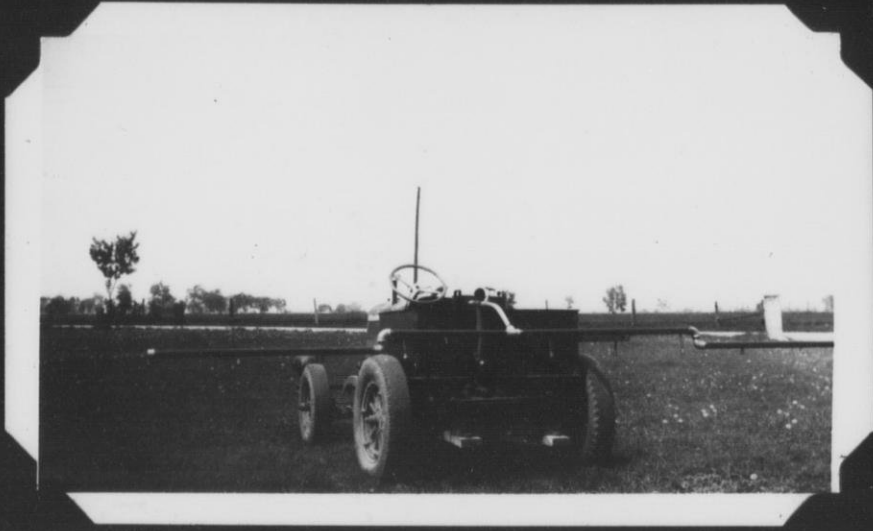


A farmer who is proud of his  
windbreak plantings



Grain Variety Plot  
Kaukauna

MUSTARD SPRAYING EQUIPMENT





Before  
Pruning



After  
Pruning



Watching  
Pruning Demonstration

COLLEGE OF AGRICULTURE OF  
THE UNIVERSITY OF WISCONSIN  
U. S. DEPARTMENT OF AGRICULTURE  
COUNTY BOARD OF SUPERVISORS  
CO-OPERATING

CO-OPERATIVE EXTENSION WORK

-IN-

AGRICULTURE AND HOME ECONOMICS

STATE OF WISCONSIN

AGRICULTURAL EXTENSION  
SERVICE  
COUNTY AGRICULTURAL  
REPRESENTATIVE WORK

Appleton, Wisconsin  
December 4, 1940

Mr. W. W. Clark  
Associate Director  
Agricultural Extension  
College of Agriculture  
Madison, Wisconsin

Dear Mr. Clark:

Enclosed find a group of pictures which  
should have been included in my annual report sent to  
you a few days ago.

Yours very truly,

*J. F. Magnus*

J. F. MAGNUS  
County Agricultural Agent  
Outagamie County

JFM:MK

DEC 5 - 1940

1940  
OUTAGAMIE COUNTY ORCHARD TOUR



*Young Raspberry Planting*



*Raspberries & Blackberries — Well Protected*



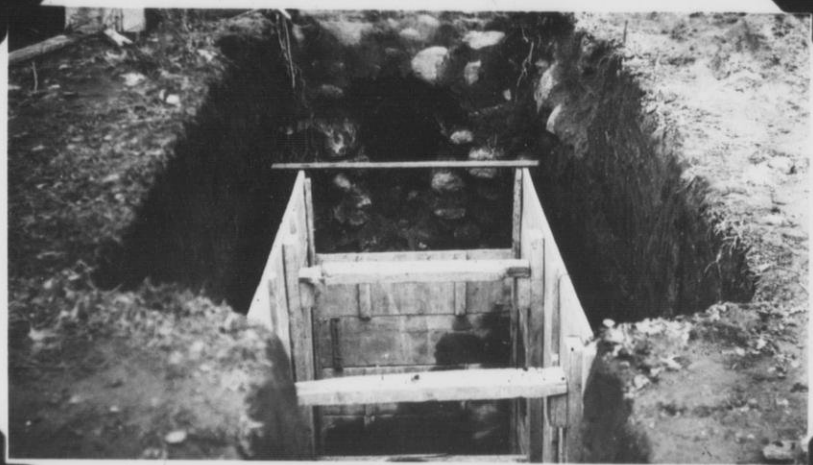
A young Apple Tree — Well Started



Sampling The Apples



SEPTIC TANK FORMS —  
LOANED TO FARMERS BY COUNTY





Hybrid Corn - Theo. Cloud, Seymour, Wis.



4-H Booth - Jr. State Fair - 1940



Wet Application - Geo. Briggs



Dry Application - Magnus & Briggs



George Explains on Bended Knee

MUSTARD KILLING DEMONSTRATION



Frank Thelen Farm



Henry DeGroot Farm

MILK COOLING TANKS BEING BUILT AS A  
RESULT OF THE QUALITY MILK PROGRAM



Ethen Bosin Farm - Appleton

Herman Rusch Farm - Appleton