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JAN 3 - 1939

REPORT

of the Office of County Agricultural Agent
OUTAGAMIE COUNTY

NOVEMBER 1, 1937 — NOVEMBER 1, 1938

RANDALL C. SWANSON, AGENT



Mrs. Hanford Johnson and Mrs. Christensen look on as Dean Christensen congratulates George Schaefer, Master. The South Greenville Grange is the oldest farm organization in Outagamie county and represents many years of sound thinking and planning for the betterment of agricultural conditions.

AGRICULTURAL COMMITTEE:

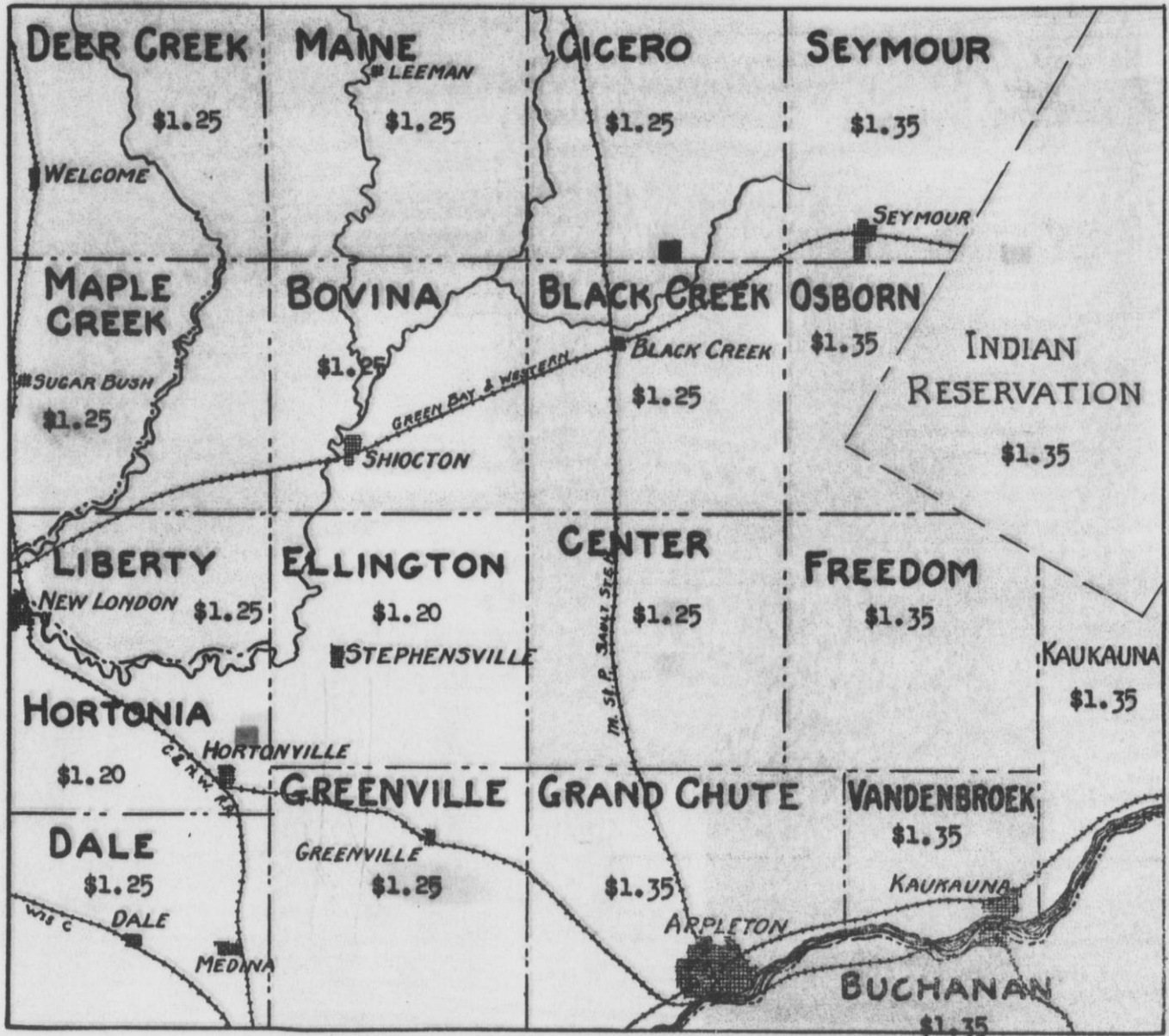
Albert Krueger, Chairman

Leo Bleck - Walter Blake - Mike Mack - Henry Van Straten

PRODUCTION OF LIME

QUARRY LOCATIONS
AND
DELIVERED PRICES PER TON TO THE FARMERS

OUTACAMIE COUNTY



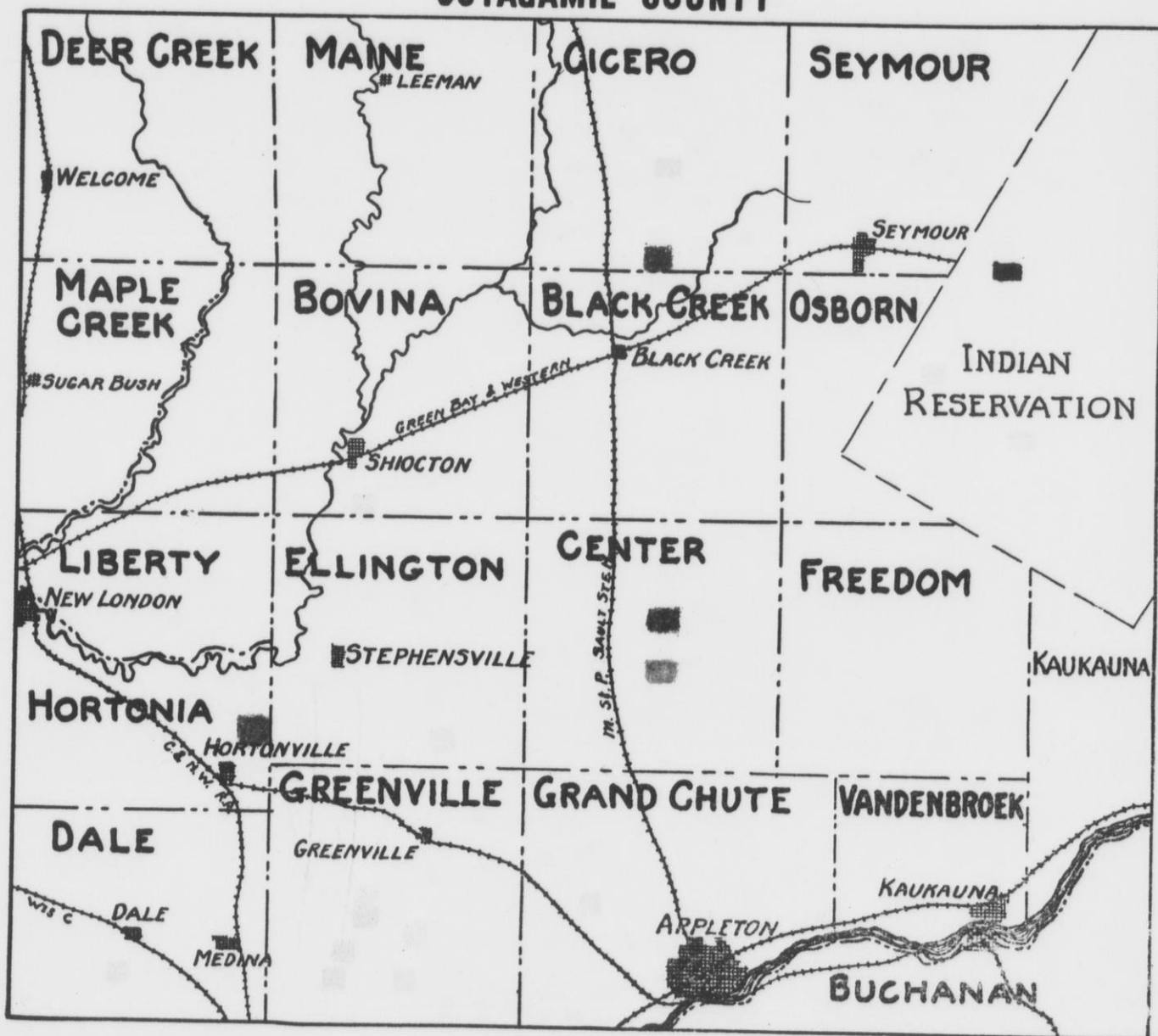
TONS OF LIME DELIVERED FROM QUARRIES
November 1, 1937 to November 1, 1938

■ Robert Murphy.....	1532 yds.
■ Kenneth Hodgins.....	570 yds.
Total.....	2102 yds.

Lime production under W.P.A. has continued as usual this year, and the farmers are taking advantage of the low cost of sweetening their soil and are also getting credit under the Soil Conservation program. All collections are made through the county agent's office with the assistance of banks and cooperatives in various parts of the county. To date no loss in any order has been incurred as all money is collected in advance of delivery.

PRODUCTION OF FARM TO MARKET STONE
November 1, 1937 to November 1, 1938

OUTAGAMIE COUNTY



QUARRY	YDS.
Robert Murphy	35,120
Kenneth Hodgins	21,636½
Max Dreisow	0
Frank Murphy	14,373
Math Van Hoof	11,043
Oneida Quarry	1,800
Total.....	83,972½

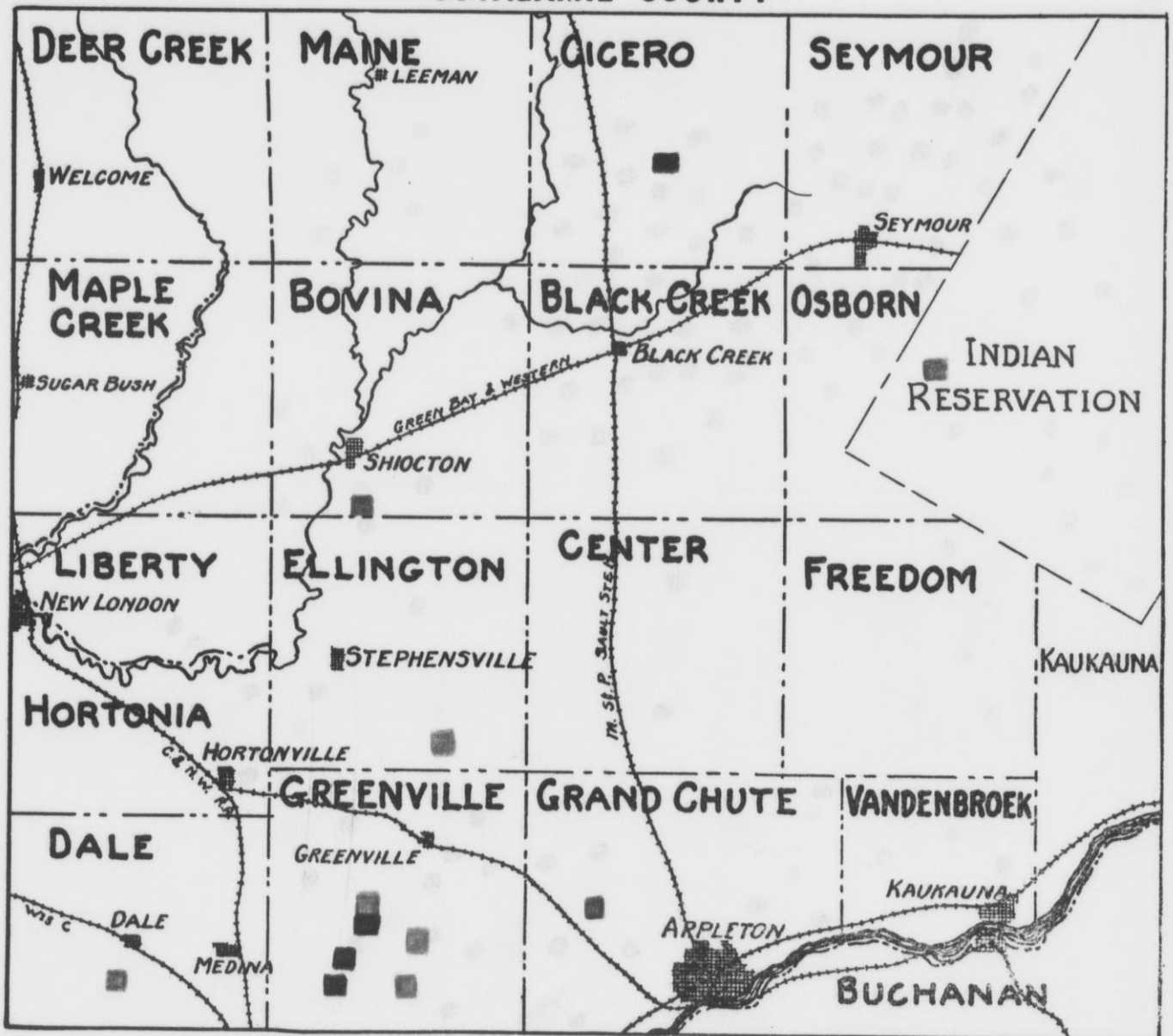
The production of Farm to Market stone for the improvement of town roads has been handled through this office. This is a W.P.A. project and has been a means of furnishing considerable crushed stone to the towns and villages during the past three years. The county has contributed \$174,000.00 which has been paid out to quarrymen and contractors for delivering this material. During this period W.P.A. has made a contribution in machinery rental and labor amounting to approximately \$224,732.00. The cost of this material to the county is approximately 64¢ per yard in the stockpile.

OUTAGAMIE COUNTY

NOVEMBER 1, 1921 TO NOVEMBER 1, 1922
 PRODUCTION OF LYNN TO MARKET POINT

COOPERATIVE BULL ASSOCIATIONS

OUTAGAMIE COUNTY



- Members of Outagamie Guernsey Bull Advancement Ass'n. # 1
- Members of Outagamie Guernsey Bull Advancement Ass'n. # 2
- Members of Outagamie Holstein Bull Advancement Ass'n. # 1

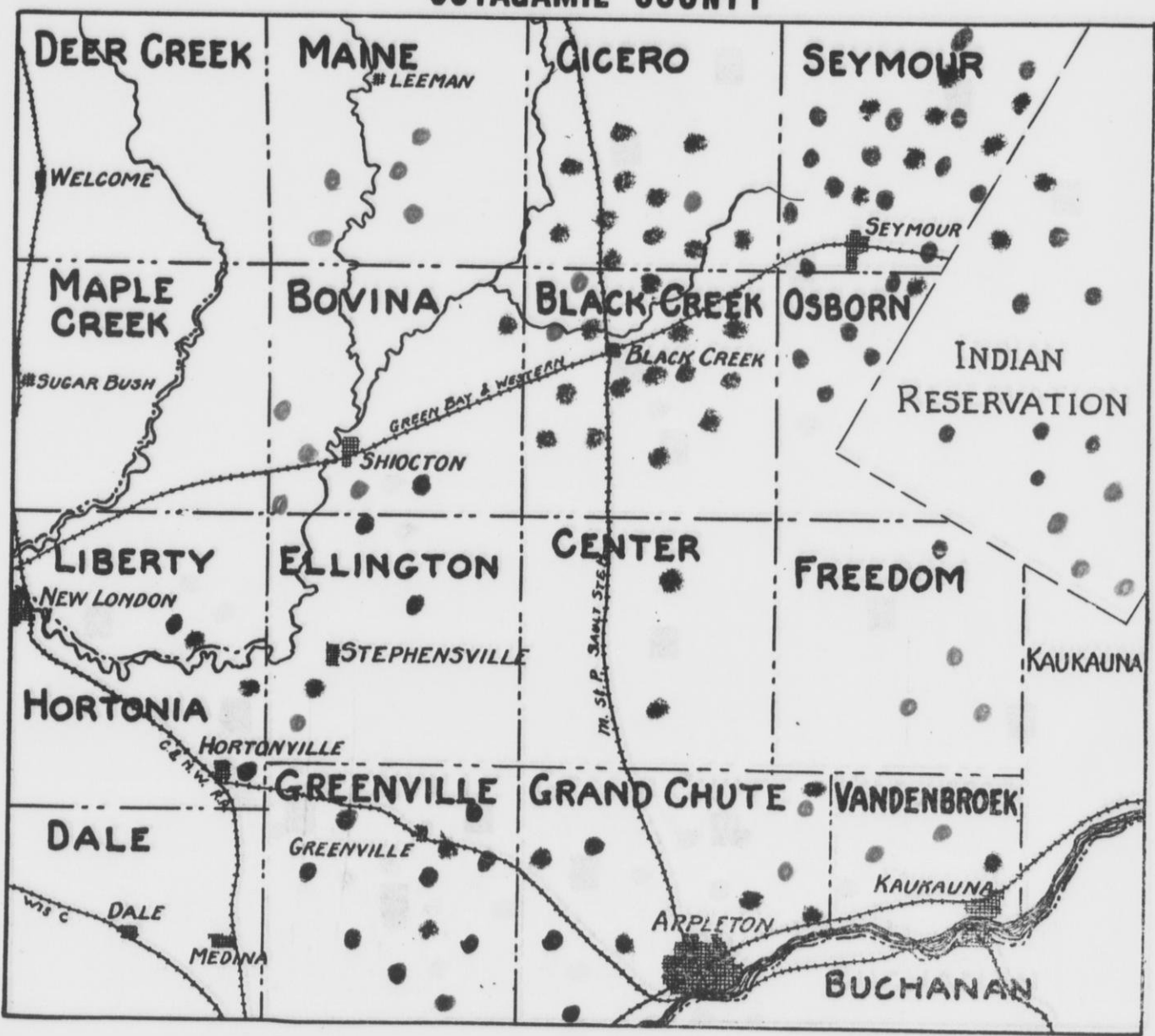
◆ Outagamie Holstein Association #1
 ◆ Black Creek-Cicero Association

OUTAGAMIE COUNTY

COOPERATIVE DUMP ASSOCIATIONS

COW TESTING ASSOCIATIONS

OUTAGAMIE COUNTY

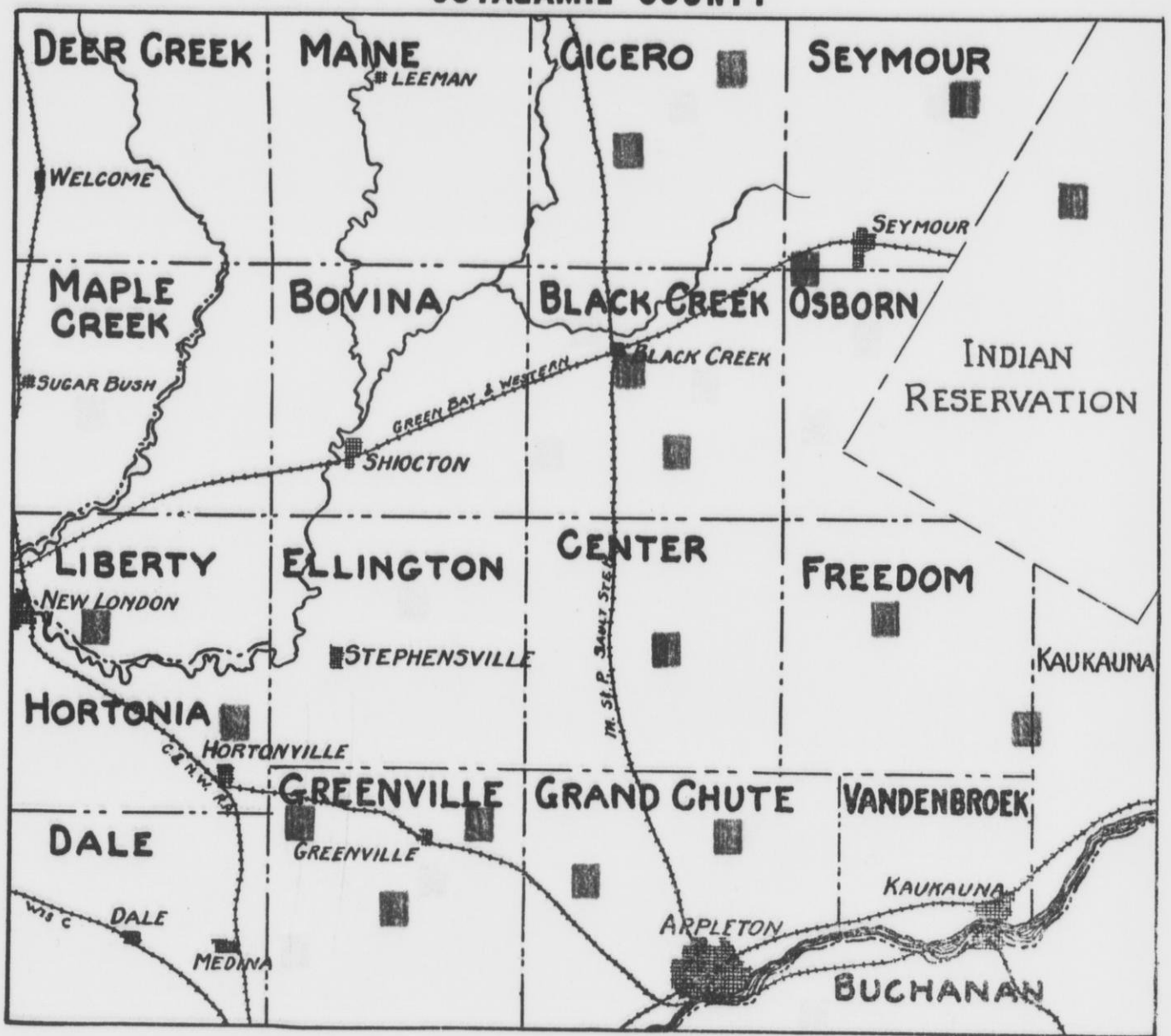


- Outagamie Association #5
- Outagamie Holstein Association #2
- Outagamie-Seymour Association #6
- Outagamie Guernsey Association
- Outagamie Holstein Association #1
- Black Creek-Cicero Association

OUTAGAMIE COUNTY

4-H CLUBS

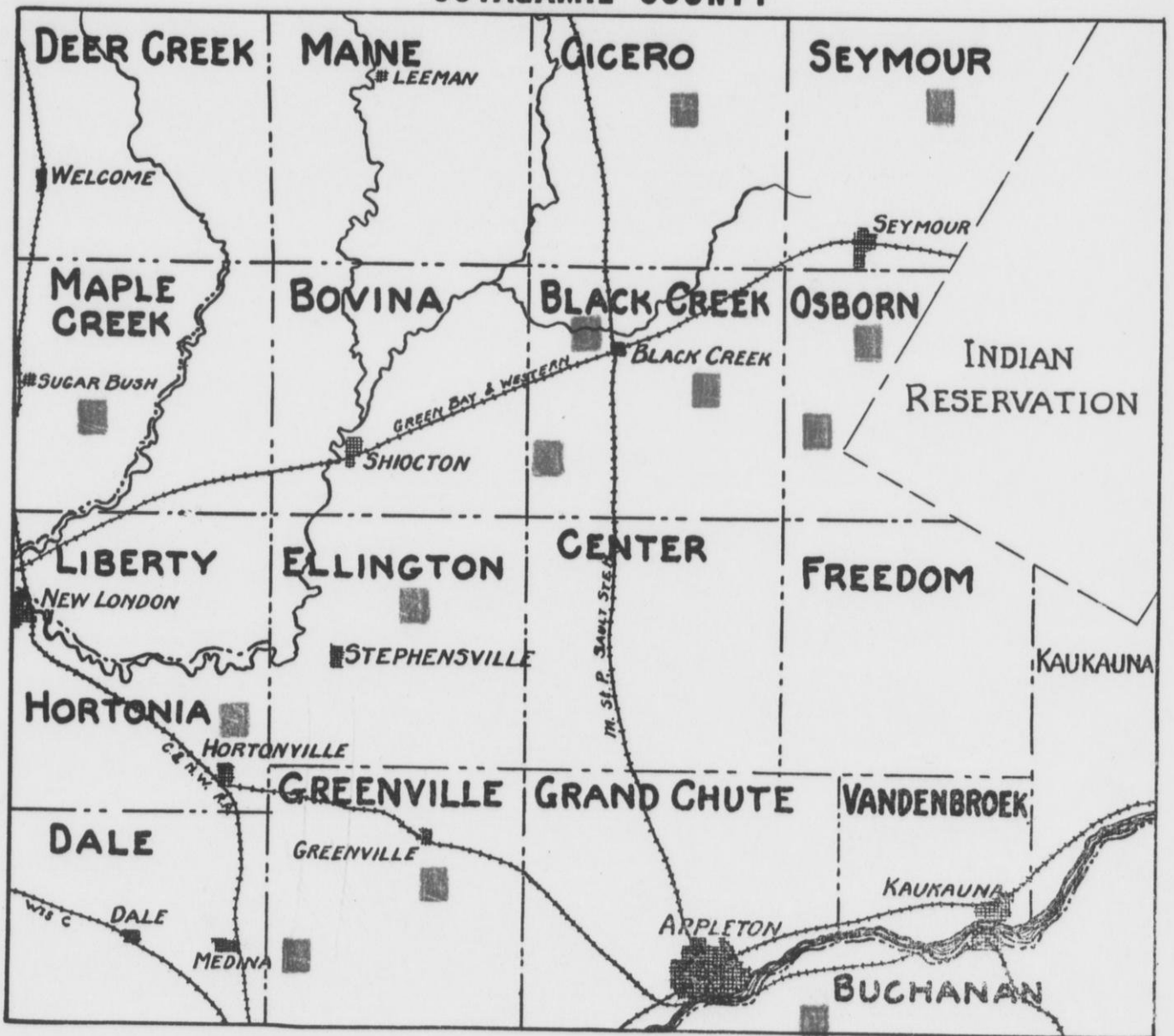
OUTAGAMIE COUNTY



17 Clubs
293 Members

HOME ECONOMICS CLUBS 1938 - 1939

OUTAGAMIE COUNTY



13 Home Economics Clubs
220 Total Membership

November 14, 1938

To the Honorable Board of Supervisors
Outagamie County
Mr. Chairman, and Gentlemen:

On the following pages you will find a report of the work of the county agent's office covering the period from November 1, 1937 to November 1, 1938. This report, as is necessary, covers only some of the major projects of the office and does not go into detail on the wide variety of work. The following are a few of the statistics showing the activity of the office:

Number of Meetings.....	226
These Meetings were Attended by.....	17,593
Form Letters	50,901
Personal Letters	5,371
Farmers Called Personally.....	4,112
Telephone Calls	3,464

This will, I expect be my last report to the Outagamie county board and I would like to express my appreciation for the fine cooperation enjoyed by the agricultural office made possible by the members of the agricultural committee and the other members of the county board, both present and past. The work has been a pleasure and I hope that your fine interest may continue in the future. Working with the agricultural committee has been at all times a pleasure and we, together, submit this report for your approval.

Respectfully submitted,

Randall C. Swanson, Agr'l Agent

Agricultural Committee:

Albert Krueger, Chr.

Leo Bleck

Walter Blake

Mike Mack

Henry Van Straten

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Outagamie Dairy Program

In a complete and well-balanced dairy program there are many factors to be given consideration. No county probably has a dairy program that has reached the stage of development which they desire, however, there are a number that have made a good start in the right direction. Outagamie county is one of these dairy counties that has made considerable progress in building toward sound dairy improvement. Outagamie's progress can be divided into several phases, each of which will bear discussion.



Part of the Show Herd at the Wisconsin State Fair

COW TESTING ASSOCIATION WORK

Cow testing association work directed by the dairy fieldmen, most of whom are short course graduates, is a foundation for any dairy program as a test on every animal is the only method by which production can be determined and knowing production is the only method by which we can save and mature the proper animals in our dairy herds.

Approximately 3500 cows are under a testing program in the county at the present time through dairy herd improvement associations. In addition to this there are a number of herds being tested by vocational agriculture boys. This work should develop to the extent of ten or twelve associations so that a sufficient number of herds will be tested to furnish seed stock to the other herds in the county.

There are the following associations in Outagamie County:—

Holstein Association No. 1, Donald Hoffman, Tester
Chas. Carpenter, Pres.
John Dobberstein, Secy.

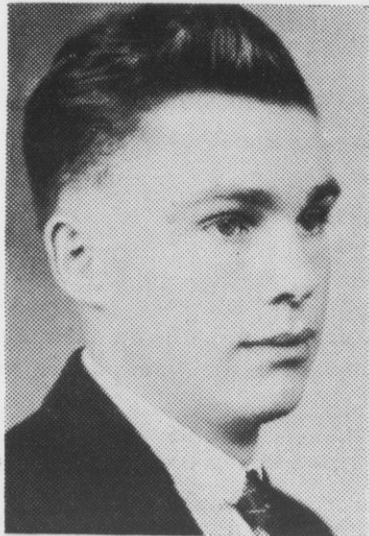
Holstein Association No. 2, Glen Richmond, Tester
Gerald Huebner, Pres.
Louis Timm, Secy.-Treas.

Black Creek-Cicero Association No. 3, Wm. Yonkman, Tester
Guy Daniels, Pres.
Emil Barth, Vice Pres.
Chas. Wussow, Secy.-Treas.

Guernsey Association No. 4, Clifton West, Tester
Stanley Jamison, Pres.
Theo. Schmit, Secy.

Testing Association No. 5, Melvin Haferbecker, Tester
Ed. Vogel, Pres.
John Frank, Secy.

Testing Association No. 6, Clyde Oleson, Tester
John Appleton, Pres.
Elmer Kimball, Secy.-Treas.



One of our Dairy Fieldmen
A typical Short Course boy carrying out
the ideals of dairy herd improvement
work.

BULL RINGS

The bull is a very important factor in tearing down or building up production in a dairy herd. We have no definite measure of the value of the bull until his offspring reaches milking age, although we have done better on the average by selecting young sires on the basis of their parents rather than by disregarding these factors entirely.

As the second step in the dairy program, bull rings have been organized whereby four farmers purchase four bulls in partnership, rotating these bulls once per year. By the time each of these bulls have spent one year on each farm, the first daughters will be coming into production. At that time, through testing associations, their value can be determined.

Twelve young sires are being used under this plan at the present time in three bull rings in the county. After they have proved themselves either good or bad, there will still be only one crop of calves in each herd. The daughters from the poor bulls can then be eliminated and the use of the better bulls can be concentrated. This is a sound plan as part of a good dairy program and will help to offset two conditions that have been tragic, namely: one, where the production of high producing herds has been torn down by using one poor bull after another, and second by making bologna out of the good bull before his value was appreciated.

This bull ring plan should develop rapidly in the near future, but of course must be followed by bull paddocks for properly exercising the bulls and possibly the use of artificial insemination as these old bulls that prove valuable must be kept alive and useful for many years.

The three bull rings in Outagamie county are as follows:

- Outagamie Guernsey Bull Advancement Association No. 1
- Outagamie Guernsey Bull Advancement Association No. 2
- Outagamie Holstein Bull Advancement Association No. 1

OUTAGAMIE COOPERATIVE BULL ASSOCIATION

During the past year farmers from all parts of the county organized a cooperative for the distribution of bull calves. Many farmers would like to buy bulls from high producing cows but cannot afford to do so. Through this new cooperative, any farmer can make application for a bull calf whose dam will have a production record of not less than 300 lbs. of butterfat. This farmer pays a dollar in cash and 25 cents a month while he keeps this bull. The association pays the breeder of the bull in cash and retains title to the calf. The farmer getting the use of this sire must raise the calf to breeding age and then can keep it as long as he desires. When he wishes to change sires, the cooperative will furnish either another calf or a bull of serviceable age.

This organization was set up to help the average farmer get a better sire and to prevent the use of so many of these bulls of unknown ancestry. This condition is very serious and one which an association of this kind should partially remedy. The association will either transfer these bulls from herd to herd or will sell them on the beef market when mature. The beef value will keep the association solvent so that they can continue to buy and distribute bull calves.

The officers and directors of the Outagamie Better Sires Cooperative are as follows:—

President	-	-	-	-	-	Chas. Carpenter
Vice President	-	-	-	-	-	Stanley Jamison
Secretary-Treasurer	-	-	-	-	-	R. C. Swanson

Directors

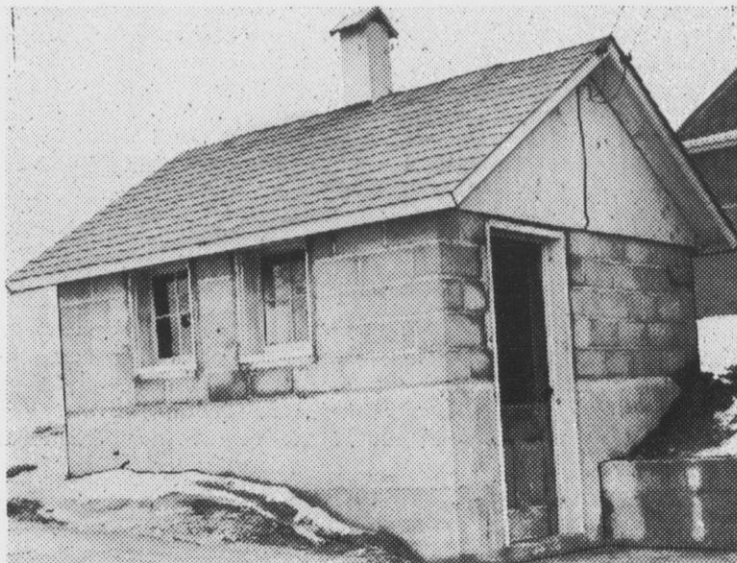
Chas. Carpenter	Stanley Jamison	R. C. Swanson
Norman Maass	Geo. Palmbach	

4-H DAIRY PROGRAM

Parts of the 4-H program carry over into a well-balanced dairy program and are closely related. The 4-H demonstrations developed are practical for the dairy farmer. For example, the construction of a model milkhouse as a 4-H demonstration was put on before large groups of farmers all over the county. This was followed through also to the extent of building a number of milk houses in the county in order to assist in the quality program. About 3000 farmers listened to this demonstration.

The demonstration preceding this on dairying which won the state championship was on the mixing of mineral feed. This was carried out to show the farmers that they were paying far too much for this highly advertised commercial mineral mixture and that they were not getting a balanced mineral as they should. This was followed through by actually mixing a mineral and putting it on the market for about half the price of commercial mixtures which in turn carried twice as much of the valuable mineral constituents desired.

The dairy queen representing the county is another factor related closely to the dairy advertising programs.

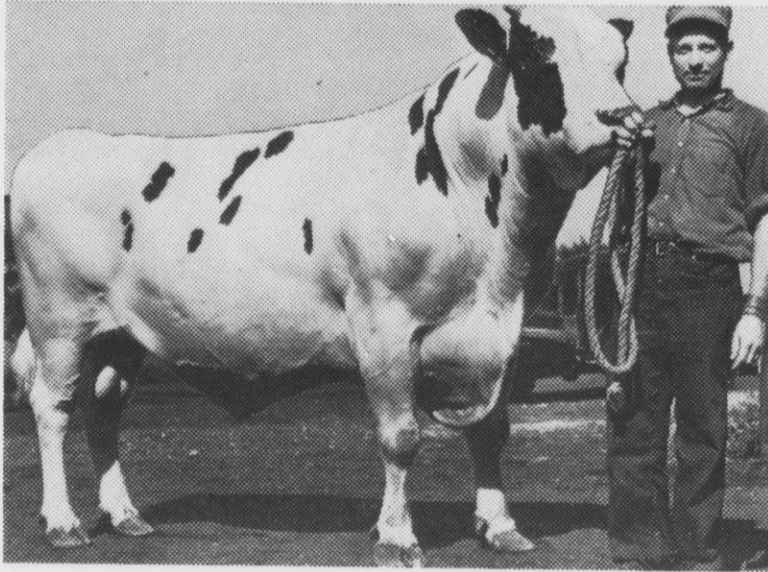


This is one of the many milk houses built of cinder block and following closely the material presented in the 4-H demonstration. This milk house was built on the Otto Zschaechner farm in the Town of Greenville.

BREEDING SCHOOLS

For the past three years a series of breeding schools have been held in the county to which all farmers have been invited. These schools, through the use of dairy and genetic specialists from the University, discuss with the farmers the importance of inheritance in selecting herd sires, methods of maintaining healthy herds, the value of records and such other questions as help the farmers to carry on an intelligent dairy program.

The first of the 1938 series was held at Seymour in November. The 1937 series was held at the Court House in Appleton.



Oostie Joe Barbetta, an aged bull with a wonderful index and exceptionally good type. (Second prize bull at the Wisconsin State Fair in 1935.)

With the development of a breeding program, this bull should be kept in service for many years and possibly through artificial methods can aid both type and production in many herds.

CO-OP. DAIRY PLANTS

With the failure of the Potts-Wood plant at Appleton, a cooperative dairy was organized through the cooperation of many of the local farmers. This plant was under Chicago inspection and prompt action was necessary to hold the permit with the Chicago Board of Health. This was accomplished and after setting up the plant a committee requested Badger to come into the territory and set up a unit to serve the Appleton district. This project required considerable time and effort on the part of many farmers but is working out very successfully.

There are several other older cooperative milk plants and cheese factories in the county that are doing a good job of marketing Outagamie milk products.

BREED ASSOCIATIONS

Many parts of the dairy program are general and apply to all breeds alike although there are certain factors which each breed is called upon to initiate and promote. Both the Guernsey and Holstein breeds have formed strong organizations to carry on the activities of their own breed.

The Guernsey breeders association has an annual meeting each fall in the form of a banquet and at that time lay out for themselves a definite program of work. This program includes cooperation with the 4-H boys in the setting up of projects for the Guernsey 4-H sale. It also plays a definite part in the promotion of cow testing association work and bull ring work. One of the cow testing associations is strictly a Guernsey group, made up entirely of grade and purebred Guernsey herds. The Guernsey group will further promote bull rings and the general county cooperative bull association. This year the Guernsey breeders' association was successful in bringing the state Guernsey picnic to Appleton and in that connection put on a very fine exhibit of the eight bulls employed in the bull ring work in their local association.

The Holstein Association has also carried on a program of work and meet at an annual meeting each year in addition to several meetings of the directors. Holstein breeders have two testing associations comprised of a membership of grade and purebred herds. They have for the last two years sponsored a show herd at the Milwaukee State Fair and have also shown a large number of animals at the local fairs. The show herd in the Holstein work has brought a great deal of publicity to the county and the association feels that it is well worth the effort expended.



Present officers of the Guernsey Breeders' Association from left to right are: O. H. Breitrick, Appleton, treasurer; Stanley Jamison, Appleton, secretary; Emory Meltz, Appleton, vice-president; Theodore Schmit, Greenville, president.



The officers of the Holstein Breeders' Association are from left to right: Walter Wieckert, Appleton, secretary-treasurer; George Tubbs, Seymour, vice-president; and George Palmbach, Appleton, president.

OUTAGAMIE COUNTY HOSTS TO THE STATE GUERNSEY PICNIC



Plans for the Guernsey picnic were considered by the local committee. The success of the event was due largely to the careful planning of the Guernsey breeders themselves. Left to right are: seated, Theodore Schmit, Greenville; Stanley Jamison, Appleton; rear row, R. C. Swanson, Appleton; Emory Meltz, Appleton; Arthur Kassilke, Appleton; H. L. Gear, Menasha, district distributor.

With the continued effort on the part of dairy leaders, this program for Outagamie County can continue to develop as sound thinking and planning can put Outagamie County in a position that will be second to none in Wisconsin. The potential possibilities in dairying are here and the development of the program will be up to the leaders.



The women also took part in the livestock judging contest as part of the day's program. Here are the winners with some of their prizes.



Judging contest for the boys was a welcome part of the program for some of the vocational agriculture and 4-H boys.

CROP IMPROVEMENT

TEST PLOTS

GRAIN

Grain variety test plots have been carried out on the county asylum farm for the past two years. In these test plots practically all common varieties of grain and soybeans and a few rows of hybrid corn are used to make up the demonstration. The main purpose of these test plots is to give the farmers of the county an opportunity to study the varieties and their behavior on the soil in this area. Each variety is usually planted in two drill widths with fertilizer applied to one of the drill widths and the other used as a check. Although a determination is made of the yields through the cooperation of the University we appreciate that the results on one small plot cannot be taken as conclusive evidence of what the yield will be over a number of different trials. Farmers do, however, get much valuable information as to lodging, size of kernel and general desirability of the different types of grain.

Outagamie county is situated in a position where the farmers are not aided to any extent by an experimental farm. Sturgeon Bay on one side and Hancock on the other do not reflect the conditions existing in this area. Some day the University may see fit to establish a branch station in the Appleton area.

Many hundreds of farmers visited these plots during 1938. A large group attended demonstration day and many others in small groups looked over varieties at other times.



Many farmers looked over the plots and listened to the expounding of county agent Swanson, George Briggs of the University, and others in the comparative virtues of different grain varieties. Steel posts and wooden name plates gave the farmers the names of the varieties and since these were left in position for several weeks more than one visit could be made to the plots. Loud speaking equipment helped to overcome the lively side discussion that is always present at an outdoor meeting.

POTATOES

A test plot on potato varieties was conducted through the cooperation of the University of Wisconsin and Waupaca county. This plot was held at Reedsville in Waupaca county, but in the area of the Dale and Horton potato section of Outagamie county. A demonstration was held on these plots at harvest time to determine general quality and adaptability of the various varieties. The cooperation of Professor Milward and Vaughan from the University gave the farmers a good opportunity to discuss varieties, characteristics and disease problems.

SUGAR BEETS

Sugar beet fertilizer plots were established in two sections of the county; one at the Oneida Boarding School Farm and the other at the Harry Long farm in the town of Grand Chute. The main purpose of these sugar beet plots was to determine the value of fertilizer in the yield. Fertilizer was applied on these plots both through the row and by working in fertilizer to a depth of seven or eight inches. Although we must again remember that conclusive evidence cannot be established on one small plot, it does give us a general idea as to what the effects of fertilizer might be.

On the Oneida plots fertilizer was applied broadcast at the rate of 300 pounds per acre of 0-20-20. In addition to the broadcast fertilizer on one plot 3-12-12 was applied at the rate of 125 pounds in the row. This yield was 20.8 tons per acre. On the second plot 3-12-24 at the rate of 125 pounds to the acre in the row was applied in addition to the broadcast of 0-20-20. This yield was 22.8 tons per acre. A third plot with no fertilizer applied showed a yield of 17.6 tons. The results, in other words, show increase by the use of this fertilizer of from three to five tons.

This cannot, of course, be accepted as conclusive evidence on yields as it represents again only one plot where it takes many such plots to establish the rule. It does, however, give us an indication that even on the comparatively fertile soils sugar beets will respond to fertilizer.



Prof. C. J. Chapman of the state university is shown at left above with R. C. Swanson, county agent, studying some of the beets at the test plots at Oneida. Fertilizer demonstrations were held at the plots this year. Vigor and size resulting from property fertilizing is shown in the specimen which the pair is looking over. Test plots are maintained in the county each year for study of different strains of produce and the effect of diseases on them.



Fine cooperation from Rudolph Locke and his crew in putting in the cabbage plots and caring for them helped to make this project a success.



A row of cabbage at the Shiocton test plots, shown above, was almost completely eliminated by the Yellows disease. The small round head in the foreground is about the only one that stood the test in that row for a distance of 25 or 30 feet, while the two rows on each side have proved to be almost 100 per cent resistant.

CABBAGE

For the second year a cabbage yellows plot was conducted in the Shiocton area. The main purpose of this plot was to show the cabbage growers the advisability of planting disease resistant seed. Cabbage seed in many varieties has been developed to resist yellows which is a disease carried along in the soil. These plots bring out very definitely the fact that some of the varieties break down completely while other are almost 100% resistant. Varieties and strains are collected from a number of companies and are planted in these plots. The results are very enlightening although again we must remember that this is only one plot and therefore the results should be considered as generalities and not as conclusive evidence that a plant is exactly a certain per cent resistance.

Many farmers visited this plot during the season and have taken home with them valuable information as to the comparative resistance of the various types of cabbage.

CABBAGE VARIETY TRIALS

(News Article)

Cabbage yellows has been one of the most serious cabbage diseases for some time and in certain seasons has destroyed half to three-fourths of the crops in some fields. Although this disease is a very destructive one it is one that can be almost completely controlled through the use of resistant seed. This resistant seed was developed by selection from fields badly infected by cabbage yellows. A few years ago when some cabbage fields were almost completely destroyed seed selections were made from the plants that still lived in the badly infected fields. This selection was repeated for a number of years until today there are many varieties that have been developed to disease resistance.

The farmers greatest problem is to know which varieties are resistant and just how resistant they are. Most growers are anxious to buy the type of seed that will produce plants that will not be affected by cabbage yellows and for that reason seed companies are very anxious to be able to offer resistant seed in the many varieties of cabbage. We have found some companies in the past have been over anxious to sell resistant seed and have sold some seed as being resistant which later in the season proved very susceptible to cabbage yellows.

In 1937 a plot of cabbage was established on the George Lonkey farm and on this plot many of the common varieties of cabbage were planted using seed lots from each of several companies. In the fall of the year a demonstration was held to point out the variation in the resistance of the various varieties and seed furnished by the many companies cooperating. The farmers received a great deal of valuable information in respect to resistance of the varieties and strains and it appeared advisable to carry on these test plots again for 1938.

This year there are eighteen different seed companies cooperating and furnishing plants of all the common varieties. In the plot there are 92 different lots of plants each lot representing either a different variety or a different source of seed.

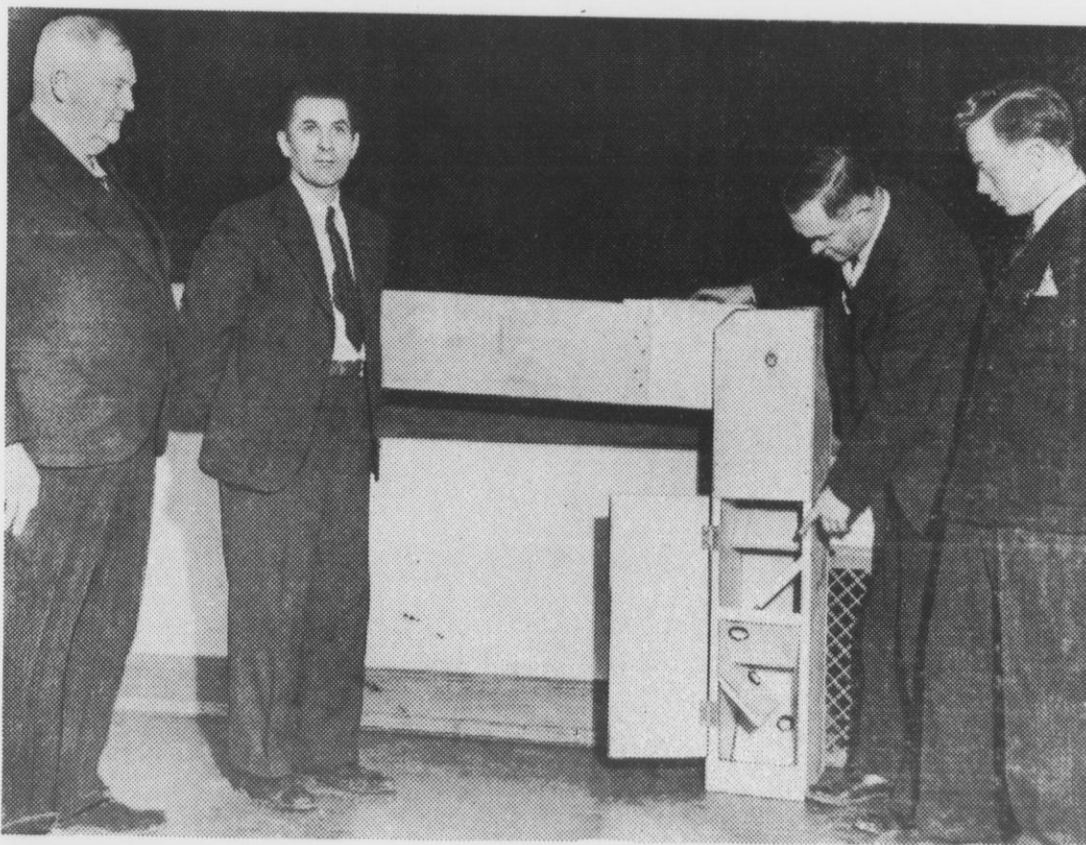
Rudolph Locke now owns the Lonkey farm on highway 54 and through his cooperation the demonstration is being carried on for the benefit of the cabbage growers in the Shiocton area.

The following varieties are included in the plot:

Jersey Queen	Wis. Globe
Wis. Detroit	All Head Select
Resistant Detroit	Improved All Head Select
Golden Acre	Wis. All Seasons
Copenhagen	Wis. Ball Head
Early Copenhagen Market	Late Select
Golden Acre Resistant	Wis. Hollander
Early Select	Bugners
Racine Market	Red Yellows Resistant
Cannon Ball	Red Hollander
Marion Market	Penn. State Ballhead
Globe	

Also plants from local growers.

A complete report is available from county agents office. Every cabbage grower should study it.



The Minnesota treater is simple in construction and very effective for treating grain for smut. This method was demonstrated at all institute meetings and in this picture Professor Vaughan is explaining the merits of this type of seed treater.

SMUT CONTROL

Smut as a serious disease of grain builds up over a period of years and becomes extremely bad if no control methods are in operation. In 1938 a concerted effort was made through meetings and through the cooperation of high school agricultural departments of the county to treat a great deal of the grain. The Minnesota treater which treats grain by the dry dust method was constructed in each of the agricultural departments and farmers were able to bring grain in for treatment or were able to get this service on the farms for a very small cost. Many other farmers constructed their own treater to take care of their own seed grain and that of the neighbors. Checking results showed very fine control in treated grain and in some cases extremely bad infection from smut in fields sown with untreated seed. Free plans for constructing the Minnesota type treater at a small cost are available at the county agent's office.

INSTITUTES

A potato institute was held in the county during the past year through the cooperation of the Wisconsin Potato Growers' Association. At this meeting potato varieties, fertilizers, diseases and other cultural practices were thoroughly discussed. This institute followed the purchase of six carloads of certified seed which was brought into the territory to combat the losses from the yellow dwarf disease.

Many general institutes were held in various parts of the county at which crop improvement was emphasized and instructions were given in treating grain for smut and other similar improved practices.

CERTIFIED GRAIN

Following the institute work a large quantity of certified seed oats was brought into the county and distributed in small lots among farmers. This grain was recertified this fall and is serving as foundation stock for a large number of farmers. The distribution of this seed improved the quality of grain to a considerable extent.



Threshing a good crop of grain from clean seed is a pleasure for any farmer.



4-H CLUB WORK



With the large number of activities covered in the field of 4-H club work it seems that discussion of the major activities under separate headings would be a logical plan. Although the county does not have an unusually large enrollment it appears that the quality of work done and the completeness of the program helps to make this work very valuable to the rural communities. Much of the success of the work is due to the leadership which has been developed over a period of years in the county. Today over fifty 4 H club leaders are taking charge of the local clubs and have assumed the responsibility for the clubs' success. We cannot emphasize too strongly the part which rural leadership plays in the 4-H club program. Through the entire year under the 4-H club leaders the local clubs carry out their meetings and special events such as achievement programs, parents nights, plays and other types of entertainment and socials, in addition to the regular 4-H club project work.



The leaders of Outagamie County have a strong organization and carry on the club program in a fine efficient manner. The picture shows the officers for 1938-39. Seated, left to right, Miss Lucile Sievert, Kaukauna, secretary; and Miss Olive Meltz, Appleton, reporter. Standing, left to right, Nick Rettler, Black Creek, vice president; Frank Tubbs, Seymour, president and Emil Krueger, Kaukauna, treasurer.

LEADERS' FEDERATION

The club leaders of the county are organized into a group which elects officers and determines the general policies of club work in the county. These leaders meet several times during the year and receive instructions from the county extension office and also from the extension specialist of the state on methods of carrying on project work.

This leadership federation is one of the fine organizations in the county which has for its aim the betterment of conditions in its own local community. The first meeting of the year for the leaders is usually a banquet at which time the work is launched and everyone goes at it with a will to win.

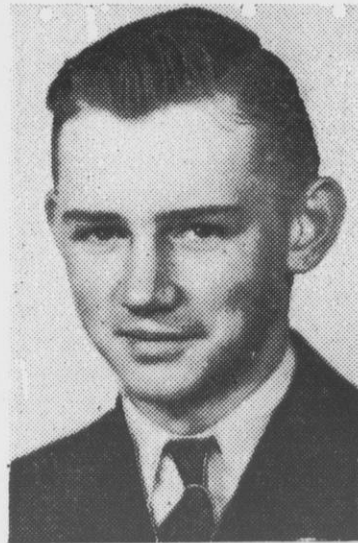


For twelve years of outstanding leadership work, Mrs. Celia Schuster was honored at the last achievement day banquet.

PROJECTS

As in other years the projects carried on are selected by the boys and girls, although an effort is made to limit the number of projects carried in any one club. This makes the leadership problem easier and also makes the work more interesting to the individual. Projects such as sewing, canning, and home improvement are carried on by the girls while the boys concentrate in such work as dairy, poultry, hogs and garden.

One of Outagamie's boys, Ernst Wieckert, was recognized for outstanding work in the state in the colt project.



Special emphasis has been placed this year on the special dairy projects. Under the special bull calf project, club members have purchased calves in the fall of the year consigning them to a sale to be held in the November following. This special project has helped build in the minds of the dairy project members the value of records, methods of filling out registration papers, in addition to feeding care and fitting of the calf for show. Twenty-five boys starting the special bull calf project last year and twenty-one calves were sold at the fall sale.

CLUB CAMP

Club camp this year was held for the first time on the banks of the Wolf River, north of Shiocton. Special kitchen and dining room equipment from one of the construction companies made an ideal set-up for a happy gathering. Sleeping quarters of the boys and girls in tents completed a real outdoor 4-H camp. The program of games, swimming and handicraft was enjoyed by the club members and also by the leaders. A smaller group than usual attended the camp this year, but no doubt as this type of camp is continued more boys and girls will take advantage of the facilities.



Milk and sandwiches and plenty good.

RURAL YOUTH DAY

Although not strictly a 4-H gathering, Rural Youth Day is worth mentioning as a contributing factor to our 4-H club program. On May 1st, through the cooperation of the Junior Chamber of Commerce, all 4-H members in the county together with other boys and girls attending the rural schools were invited to spend the day in Appleton as guests of the Junior Chamber of Commerce. 1250 boys and girls took part in this program and the 4-H group furnished much of the afternoon's entertainment and added to the color of the parade by the many interesting floats that were entered. The 4-H one-act play which represented the county this year was one of the main features on the program at the park.



"SOUP'S ON" AT RURAL YOUTH DAY PROGRAM AT PIERCE PARK

Healthy appetites were shown by the youngsters attending the annual Rural Youth Day program held in Appleton Saturday under auspices of the Appleton Junior Chamber of Commerce. The above picture shows part of the large crowd that jammed about the lunch counters at noon Saturday after they had paraded to Pierce park from the Rio theater where they enjoyed a motion picture show in the morning. There were plenty of free eats but the out-door appetites matched the supply. The meal was followed by an afternoon of entertainment at park and swimming at the Y.M.C.A. (Post-Crescent Photo)



The above picture shows a small section of the mile long parade from the theatre to the park. Schools and 4-H clubs carried banners or in some cases even more elaborate floats. Over 1200 took part in the parade.



The above picture is a group of girls from the Happy Hortonville 4-H club enjoying the noon lunch. The 4-H banner which they carried in the parade can be seen in the picture.

ONE-ACT PLAY CONTEST

The one-act play contest is a feature of the 4-H club program in which many clubs take an active interest. Each year a contest is held in which each club is entitled to enter a one-act play in competition, the winner to go to Madison to represent the county.

The value of this one-act play contest, of course, comes largely from the fact that these clubs in their home community put on these plays several times and not only receive some good training themselves but help to emphasize 4-H club work in their home community.

At the contest this year six clubs put on one-act plays, the contest being held at Seymour. The winning group was the Elm Tree Club, Greenville.

- "Borrowed Tails".....Elm Tree 4-H Club, Greenville
- "Be Home By Midnight".....Columbine 4-H Club, Appleton
- "Imagination".....Woodland Hustlers, Seymour
- "The Grass is Always Green".....Woodland Hustlers, Seymour
- "Wedding Presents".....Kau-Free 4-H Club, Kaukauna
- "Yes Means No".....Cicero Sunnyside



Shown above are members of the cast of "Borrowed Tails" the winning play in the contest. The cast from left to right in the picture are Earl Scheffe, Kermit Meltz, Eunice Behnke, Irene Krueger, Virginia Pingel, Lillian Meltz, Delores Anderson and Verdaine Meltz.

STATE CLUB WEEK

Each year at Madison the University sponsors State Club Week to which outstanding members from each county are invited to attend. Outagamie county has always been well represented and this year the winning play group from Elm Tree club was sent to Madison to take part in this event. The following people from Elm Tree Club attended this state club camp:

Kermit Meltz
Lillian Meltz
Verdaine Meltz
Irene Krueger
Eunice Behnke

Olive Meltz
Earl Scheffe
Virginia Pingel
Dolores Anderson

Also attending this camp were the two winners in the Fire Prevention Contest which was held in the county. Earl Krueger, Kaukauna, and Eunice Wolf, Black Creek, were the winners.



Earl Krueger, winner of the Fire Prevention Essay contest, won a trip to the State Club Week at Madison in June, 1938.

FAIRS

LOCAL

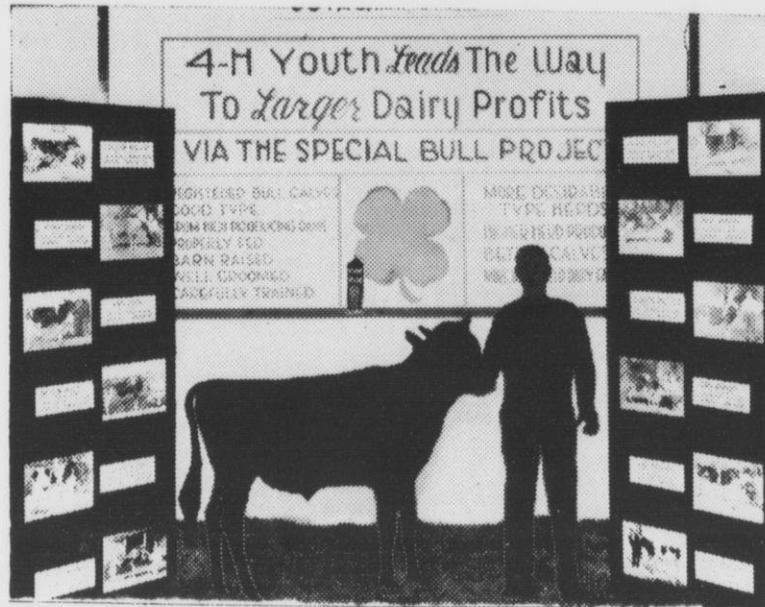
Fairs and contests play a large part in the club program as they serve as an achievement display or a show window through which the club members have an opportunity to compare their work with others and to show their work to an interested public.

At the Seymour fair this year the clubs prepared booths in competition with one another and also entered hundreds of other articles outside of the booths. The calf club department showed the biggest entry list on record with over a hundred calves on display. The Holstein bull calf class, for instance, was even better than the state fair. Three of these calves displayed at Seymour won the first three places at the Wisconsin state fair later in the year.

A large number of the demonstrations, girls and boys judging contests and other activities makes the local fair a very important factor in the success of a club program.



These girls were selected by local clubs as their representatives in the county dairy queen contest. Bernice Becher was selected to be Outagamie's representative at the state fair. Reading from left to right the girls in the picture are Jean Blanshan of the Woodland Hustlers, Seymour; Maebelle Plamann of the Columbine club, Appleton; Bernice Becher of the Pleasant Corners 4-H Club of Greenville; Virginia Pingel of the Elm Tree 4-H club of Appleton; and Marion Van Vreede of the Kau-Free club of Kaukauna.



This State Fair booth contained a large wooden calf representing their special 4-H bull project. On the side panels were large pictures of the boys, who were taking part in the bull sale, and their calves. Cards showing the names of the boys, their 4-H club, and the breed of the animal and the production of the dam were also on the panels.

STATE FAIR

It has been the policy of the county for the last few years to be well represented at the state fair. Through this plan, it is possible to take part in the activities to as great an extent as any county in the state. This year the county displayed two booths, both of which were judged "excellent". The girl's booth represented proper selection of clothing and the boys' booth carrying out the idea of the 4-H bull project which emphasizes the value of dairy records.

About thirty people from Outagamie county took part in some activity in connection with the fair. A number of boys and girls showed calves in the calf club classes and won more than their share of prizes, Outagamie winning the first three places in the Holstein Production Bred Bull Calf class. The girl demonstration team placed third in their group while the boys demonstrating "The Construction of a Milk House" were declared champion agricultural team. Clothing judges, dairy cattle judges, dairy queen and all others made a very creditable representation for the county in their part of the competition.



Bernice Becher, our 1938 Dairy Queen from Outagamie County.

ACHIEVEMENT DAY

Each year in the fall all club members and leaders come together to honor those who have completed their work and carried out their projects in the manner perscribed for them. Those who have properly completed their work are awarded achievement pins and special awards are given to those who have done outstanding work in their particular project. Special recognition is also given to the leaders who have put forth much effort through the year to help make their club work successful. Eight club leaders this year were awarded 100% achievement certificates which indicated that every member in their club starting a project at the beginning of the year had completed. The following are 100% clubs this year:

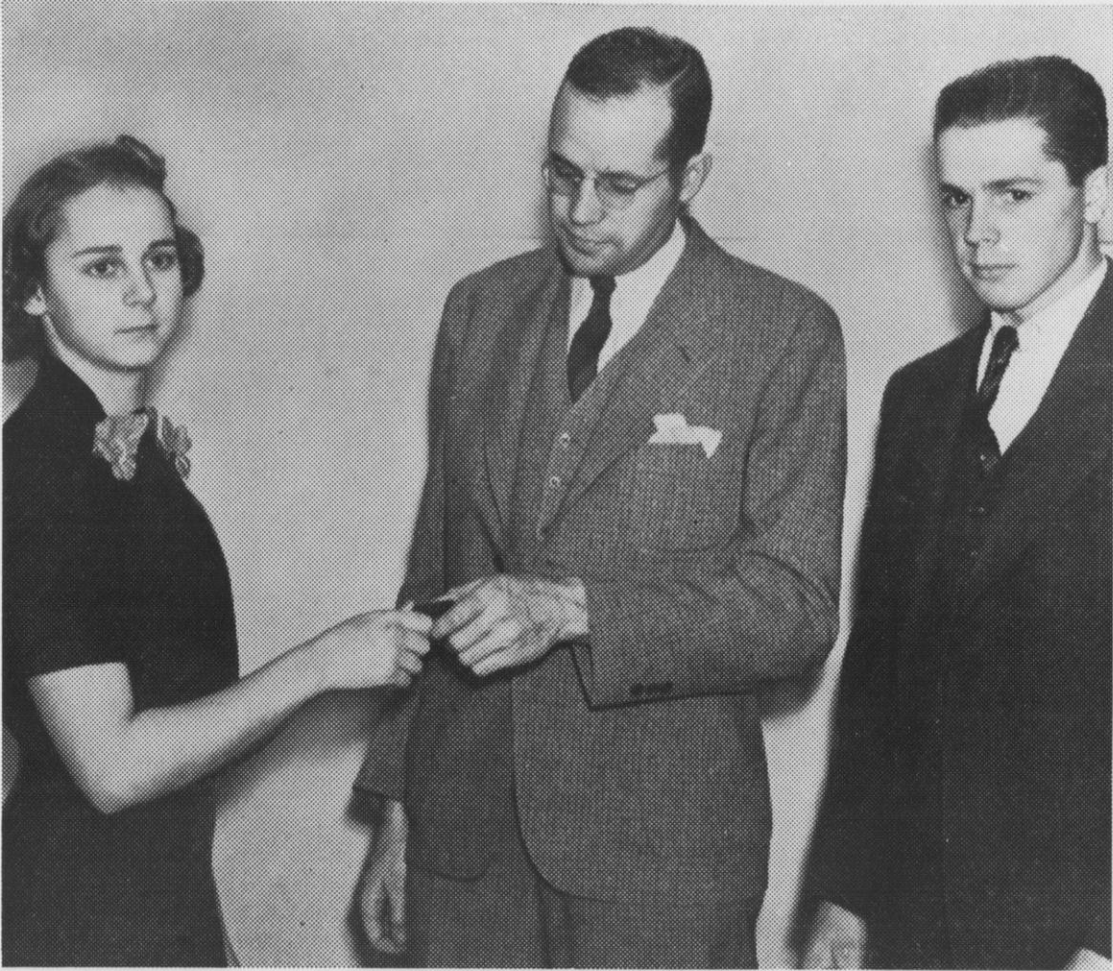
Columbine	Grand Chute
Happy Valley	Hortonville
Pleasant Corner's Happy 4-H Girls.....	Greenville
Wide Awake Forward.....	Center
Woodland Hustlers	Seymour
Elm Tree	Greenville
Fairview	Black Creek
Happy Hearts	Freedom

Special recognition was given to Mrs. John Schoettler, Greenville who organized the first club in Outagamie county thirteen years ago and has been an active 4-H leader since that time.

Outstanding members in their project work were selected as follows:

Food and Nutrition.....	Lucile Sievert, Kaukauna
Canning.....	Jean Blanshan, Seymour
Home Economics.....	Marian Wieckert, Appleton
Style Dress Revue (1st).....	Lillian Meltz, Appleton
Style Dress Revue (2nd).....	Bernice Becher, Greenville
Dairy.....	Gerald Mielke, Seymour
Poultry	Eugene Paltzer, Appleton
Agriculture.....	Merlin Wolf, Black Creek
Home Grounds Beautification.....	Eugene Schmit, Appleton
Handicraft.....	Lester Weiland, Appleton
Daily Demonstration Team (1st).....	Billy Tubbs, Seymour Harold Blanshan, Seymour
Dairy Demonstration Team (2nd).....	Donald Tiedt, Appleton Earl Fetting, Appleton
Junior Leader, Girl.....	Virginia Pingel, Appleton
Junior Leader, Boy.....	Jerome Rettler, Black Creek

Presentation of Awards



Marian Wieckert, outstanding club member in Home Economics, and Jerome Rettler, outstanding leader among the boys for 1938, receive awards from county agent.

ACHIEVEMENT BANQUET

In order that the Appleton Chamber of Commerce may recognize the fine work done by leaders and members in club work, for the past two years they have put on an achievement day banquet. At this event the Chamber of Commerce entertains at a banquet every member that has completed the requirements of the year and every 4-H leader in the county. Caps, horns and other trinkets add to the color of the banquet and a fine evening of entertainment furnished partly by the Chamber of Commerce and partly by 4-H members rounds out an event that is looked forward to by all leaders and members.

About four hundred attended the banquet last year and all spent an enjoyable evening. Mrs. Celia Schuster, Seymour, was honored at this banquet for having completed her eleventh year as a club leader. A bouquet of flowers was presented to her in appreciation of her fine leadership record.



About four hundred club leaders and members enjoyed the banquet and also a fine talk by extension leader Rusy (left). Frank Tubbs, president of the Leaders' Federation, is shown talking to county agent Swanson and Dr. Neidhold, chairman for the Senior Chamber, is enjoying the party (right).



Some of the 4-H girls with their hats and badges are having a good time at the Achievement Banquet.

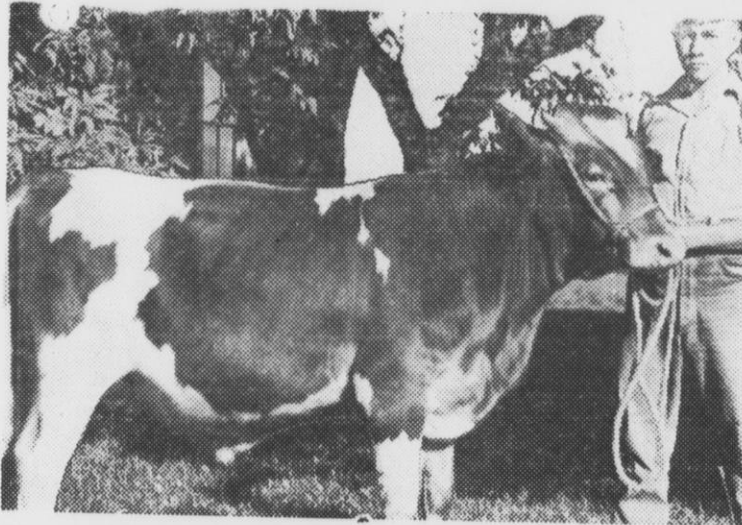


One of the business men at the right is playing host to one of the 4-H members. Miss Kittleson and Miss Johnson (from the extension office) in the center are camera conscious.

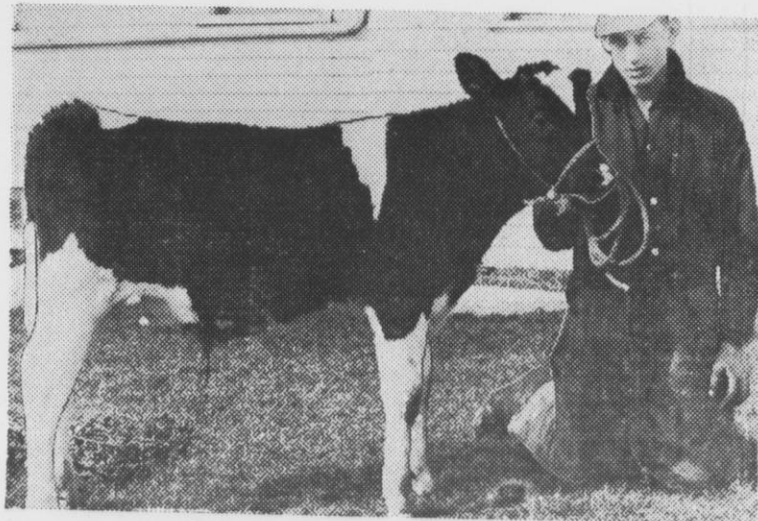
4-H BULL SALE

The 4-H bull sale held this fall was an achievement day for those boys taking part in this project. Through the cooperation of a city park board, Emory Meltz, as auctioneer, O. P. Cuff as interpreter of pedigrees, Walter Wieckert as sales manager and many business men of the county these 4-H boys were able to hold an auction and sell their calves at an average of about one hundred dollars. Cooperation all the way through made it possible to sell these calves and return the entire sale price to the boys without deductions for sale expense. Although the sale was held rather early in the year for a season like 1938, it turned out comparatively well for the boys.

This sale emphasizes production records as no calf is sold that does not meet a minimum of a 350 pound fat record of the dam. The boys are already selecting calves for the 1939 year.



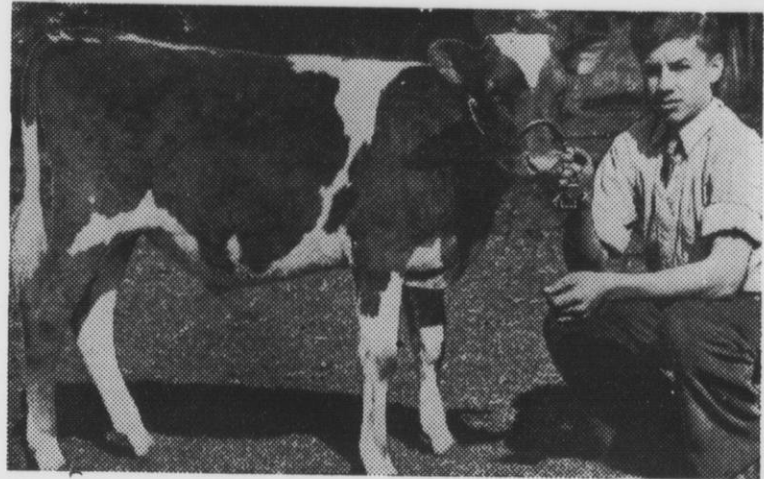
Mary's Alert of Summit—257178, Born December 30, 1937. Record of Dam — 416.2 lbs. butterfat (Mature Equivalent). Consigned by James Sutliff, Crystal Star 4-H Club, Seymour, Wisconsin. This picture sponsored by Seymour Flour Mills, Tel. 126-W, Seymour.



Admiral Piebe Pietertje—750263, Born December 8, 1937. Record of Dam—430 lbs. butterfat (Mature Equivalent). Consigned by Earl Gosse, Crystal Star 4-H Club, Seymour. This picture sponsored by Seymour Cooperative Exchange, Phone 80, Seymour.



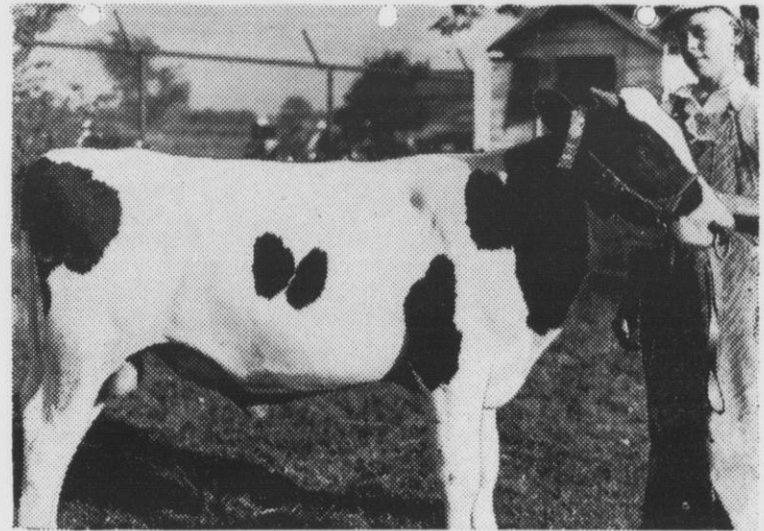
Joe Burke Fobes Segis—750933, Born Jan. 5, 1938. Record of Dam—419.5 lbs. butterfat (Mature Equivalent). Consigned by Robert Knox, Crystal Star 4-H Club, Seymour. This picture sponsored by 1st National Bank, The Bank of the People, Seymour.



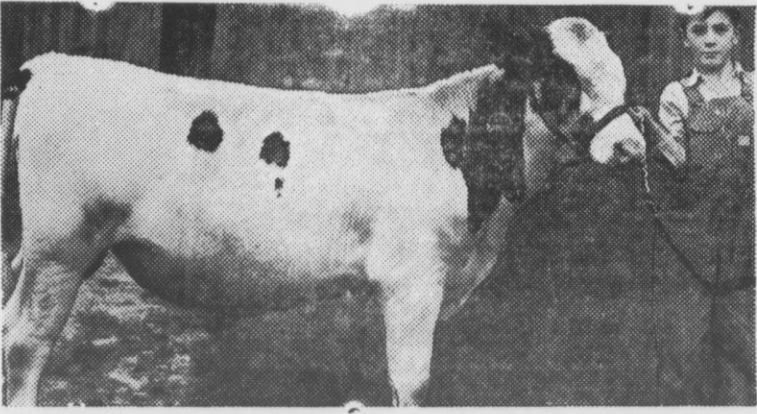
Eljen Andy 258138, Born September 18, 1937. Record of Dam—336 lbs. butterfat (Mature Equivalent). Consigned by Robert Rohloff, Columbine 4-H Club, Appleton. This picture sponsored by The Pettibone-Peabody Co., Appleton.



Winnebago Sir Pansy Princess—754421, Born December 11, 1937. Record of Dam 481.5 lbs. (290 days 3 x Milking). Consigned by Eugene Paltzer, Columbine 4-H Club, Appleton, Wisconsin. This picture sponsored by Montgomery Ward & Co., Appleton.



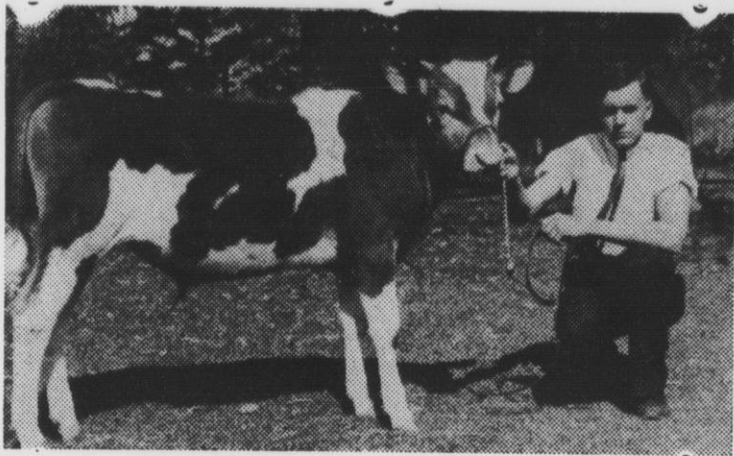
Joe De Kol Aaggie Jewel—7950932, Born December 19, 1937. Record of Dam—503 lbs. butterfat (Mature Equivalent). Consigned by Robert Mielke, Crystal Star 4-H Club, Seymour. This picture sponsored by The Farmer's Implement Co., Seymour.



Duke of Newinco—749189, Born November 21, 1937. Record of Dam—340 lbs. butterfat (Mature Equivalent). Consigned by LeRoy Sommers, Wide Awake Forward 4-H Club, Appleton. This picture sponsored by Gloude-mans Gage Co., Appleton.



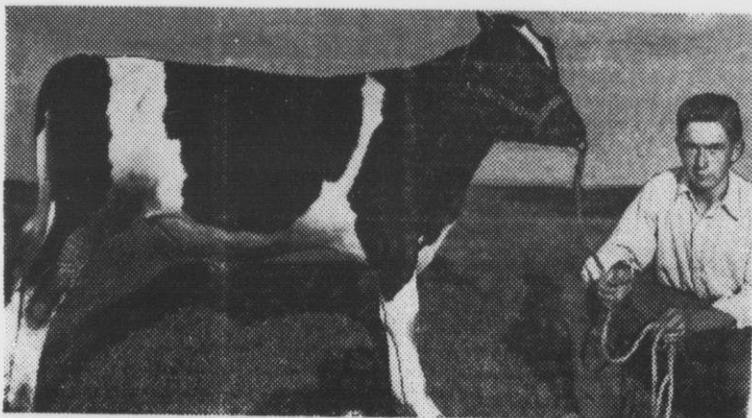
Seis Ormsbv Furke Lad—756863, Born November 22, 1937. Record of Dam—337.6 lbs. butterfat (Mature Equivalent). Consigned by Earl Krueger, Kau-Free 4-H Club, Kaukauna, Wisconsin. This picture sponsored by The Brettschneider Furniture Co., Appleton.



Fay's Gift—258712, Born August 31, 1937. Record of Dam—395.2 lbs. butterfat (Mature Equivalent). Consigned by Paul Rohloff, Jr., Columbine 4-H Club, Appleton. This picture sponsored by Western Elevator Co., Appleton.



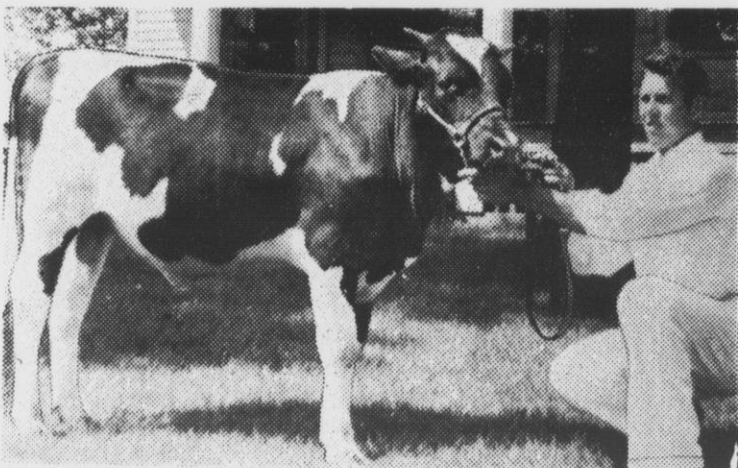
Newinco Abbekerk Creator—749124, Born December 4, 1937. Record of Dam—496.2 lbs. butterfat (Mature Equivalent). Consigned by Kenneth Biebow, Wide Awake Forward 4-H Club, Appleton. This picture sponsored by Schlafer Hardware, Inc., Appleton



Sir Inka Aaltje Hengerveld—753221, Born January 4, 1938. Record of Dam—507.8 lbs. butterfat (Mature Equivalent). Consigned by Joseph Coenen, Columbine 4-H Club, Appleton, Wisconsin. This picture sponsored by Sears Roebuck & Co., Appleton.



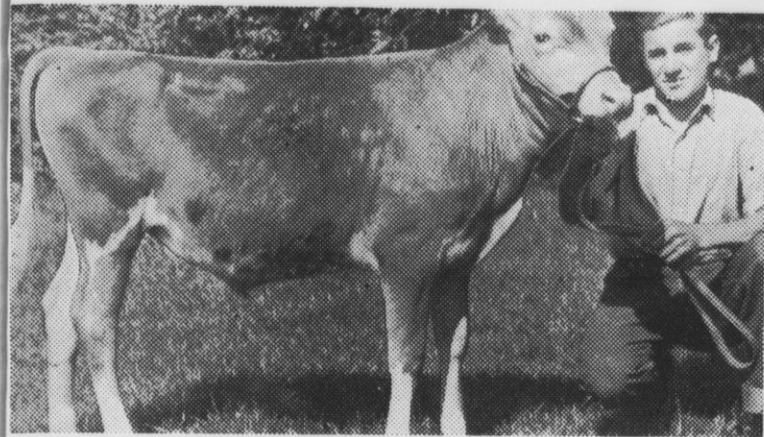
Homestead Jule Archer—262707, Born December 8, 1937. Record of Dam—436.8 lbs. butterfat (Mature Equivalent). Consigned by Merlin J. Wolf, Fairview 4-H Club, Black Creek, Wisconsin. This picture sponsored by Bank of Black Creek, Black Creek.



King Ormsby Pontiac Creamelle—749625, Born Sept. 12, 1937. Record of Dam—407.4 lbs. butterfat (Mature Equivalent). Consigned by Wilbur Warning, Pleasant Hills 4-H Club, Hortonville, Wisconsin. This picture sponsored by Farmers & Merchants Bank—Dale, Fremont, Hortonville, Shiocton.

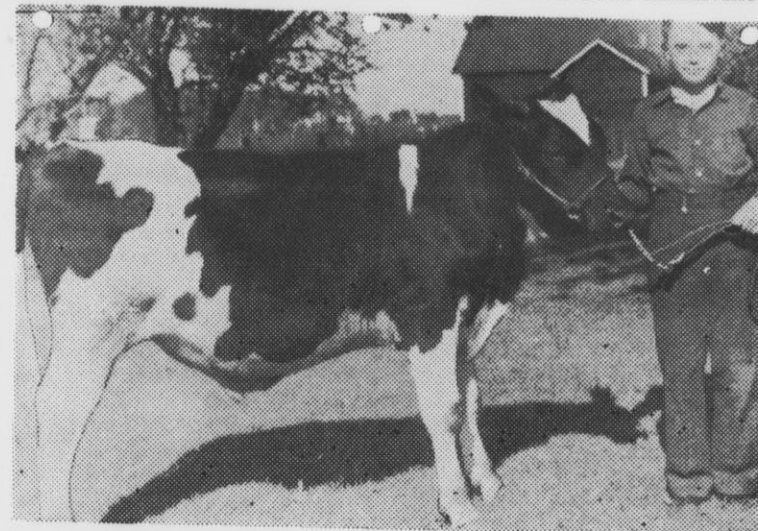
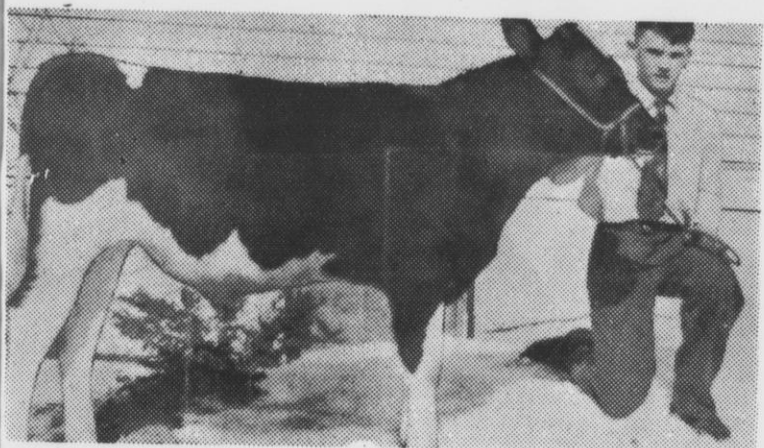


Homestead Laddie Regent—262708, Born January 8, 1938. Record of Dam—383.9 lbs. butterfat (Mature Equivalent). Consigned by Isidore Reis, Pleasant Corners, Happy Farmers 4-H Club, Greenville. This picture sponsored by H. H. Schultz and Schreiter Products, Greenville.



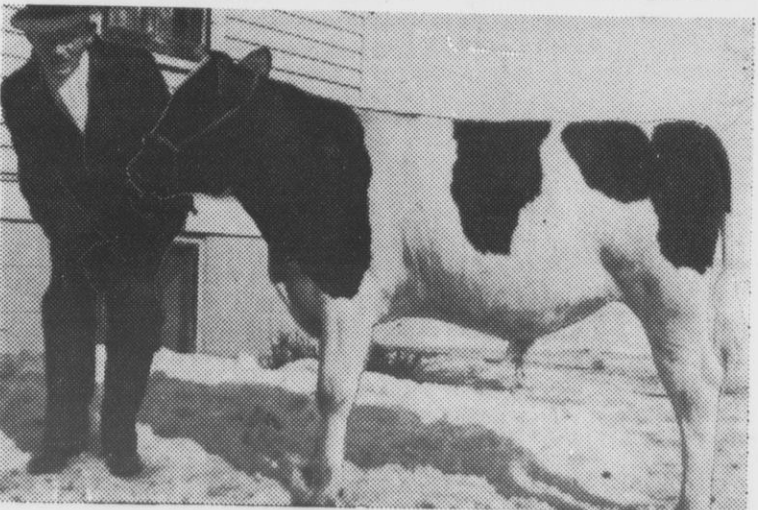
Homestead King Jess—257726, Born November 20, 1937. Record of Dam—338.7 lbs. butterfat (Mature Equivalent). Consigned by Carl Rohloff, Columbine 4-H Club, Appleton, Wisconsin. This picture sponsored by J. C. Penney Co., Appleton.

Trojan of Ravine—262546, Born January 23, 1938. Record of Dam—350.8 lbs butterfat (Mature Equivalent). Consigned by Alois Fischer, Jr., Pleasant Corners Happy Farmers 4-H Club, Greenville. This picture sponsored by Frank L. Schneider & Co. Feed Mill, Greenville.



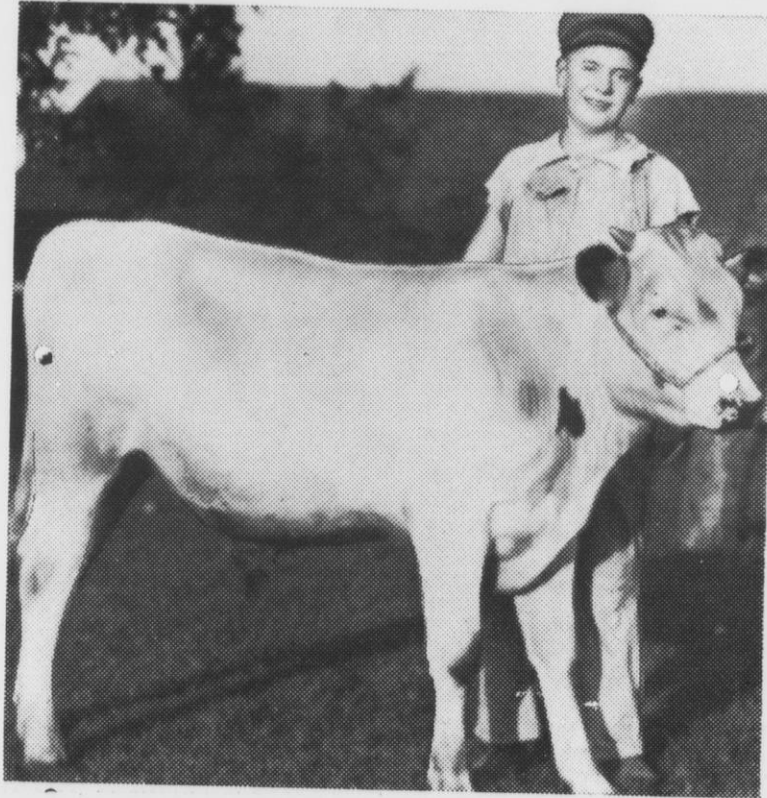
Admiral Piebe Sarcastic—750842, Born Sept. 19, 1937. Record of Dam—346.0 lbs. butterfat (Mature Equivalent). Consigned by Carlton Wieckert, Wide Awake Forward 4-H Club, Appleton. This picture sponsored by The Lieber Lumber & Millwork Co., Appleton, Neenah.

Joe Homestead Ormsby—755442, Born Sept. 27, 1937. Record of Dam—426.2 lbs. butterfat (Mature Equivalent). Consigned by Darrell Mueller, Woodland Hustlers 4-H Club, Seymour. This picture sponsored by The Old Reliable Seymour State Bank, Seymour.



Pat Ormsby Fobes — 750660, Born November 29, 1937. Record of Dam — 561 lbs. butterfat (Mature Equivalent). Consigned by Gerald Mielke, Woodland Hustlers 4-H Club, Seymour. This picture sponsored by Miller Piehl Co., Bldg. Material & Coal, Seymour.

Admiral Piebe Burke—758041, Born August 6, 1937. Record of Dam—347.8 lbs butterfat (Mature Equivalent). Consigned by Ernst Wieckert, Wide Awake Forward 4-H Club, Appleton. This picture sponsored by The Appleton State Bank, Appleton.

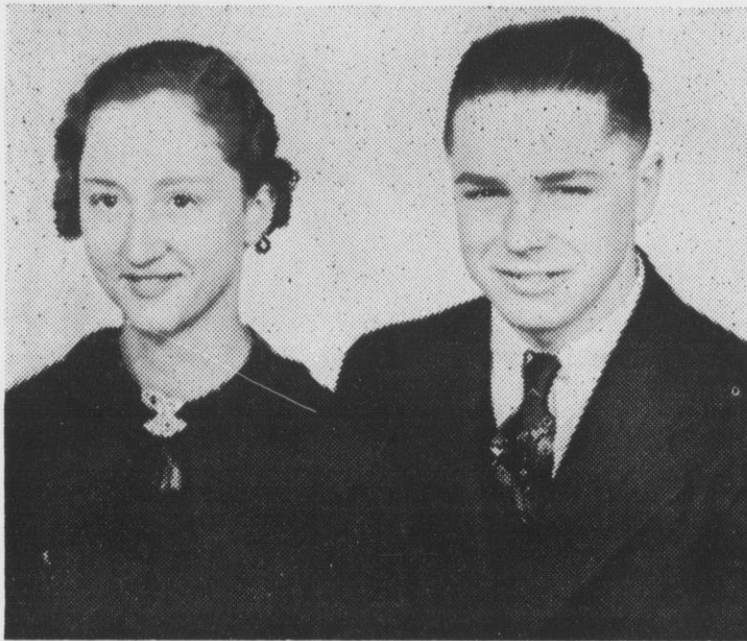


King Bessie Ormsby Piebe Fobes—Born February 9, 1938. Record of Dam 532.1 lbs. butterfat (Mature Equivalent). Consigned by Earl Fetting, Wide Awake Forward 4-H Club, Appleton. This picture sponsored by Firestone Auto Supply and Service Stores, Appleton. Tractor Tires.

CLUB CONGRESS

Club Congress is the National gathering of 4-H club people from all states in the union. Each year Outagamie county has been represented at the national gathering. Only fifty people are allotted to the state of Wisconsin for this event and so this number must be prorated among the counties. It has been the policy of the county to send an outstanding boy or girl to this gathering. However, this year two people are attending from Outagamie county as a state champion demonstration team. The two representatives will be Billy Tubbs and Harold Blanshan who were selected at the state fair to represent Wisconsin at the Club Congress.

This is a fine event and a real goal towards which any club member could well work. The reactions from those who have attended Club Congress from Outagamie county are such that it encourages leaders to continue their effort to send a representative each year.



These two outstanding junior leaders were selected by the Leaders' Federation to represent Outagamie county at Club Congress last year. Lucile Sievert, at the left, enjoyed the trip while Jerome Rettler, right, due to illness was unable to attend. The fine junior leadership record typifies what can be done by the older club members in junior leadership. At the next Club Congress the championship agricultural team, Billy Tubbs and Harold Blanshan, will represent the county.

DEMONSTRATIONS

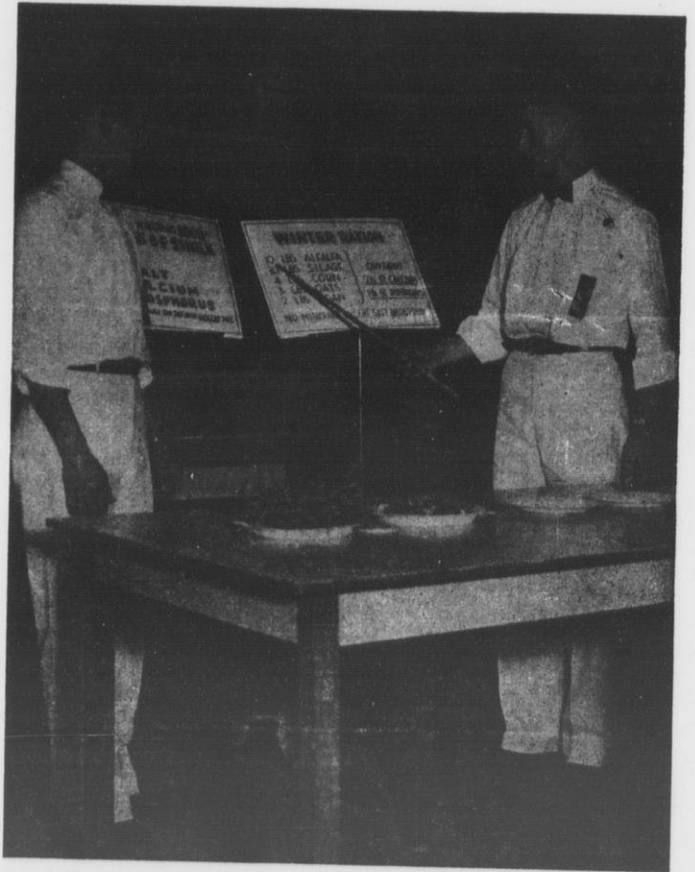
Demonstrations are a very important part of the club program. Through this work both boys and girls in teams or as individuals demonstrate a principle to groups of older people. These demonstrations may be such things as proper methods of canning or preparing food or making garments in the girl's work, or proper mixing of feeds, building of milk houses in connection with the boys' projects. Emphasis is placed on keeping this demonstration work on a practical basis and demonstrating principles which would be valuable to the listeners.

A contest at the local fair selects the outstanding boys' team and outstanding girls' team to be sent to the state fair. About twenty-five demonstrations made up the contest at Seymour this year. The boys' team had an outstanding record before the season was over of having demonstrated before many large groups of farmers. "Constructing and Equipping a Milk House" was their subject and it was handled in a manner that was very practical. These boys probably demonstrated before three thousand farmers during the year. They will represent the county at the next Club Congress in Chicago.

In the past four years Outagamie county has won three state championships in agricultural demonstrations. Jerome Rettler and August Kluge in 1935 won the state championship in dairy demonstrations and represented the state at the National Dairy Show at St. Louis. In 1936 Kermit Meltz and Eldred Doell demonstrated "Home Mixing of Mineral Feeds" and represented Wisconsin at the National Dairy Show at Dallas, Texas. In 1938 Billy Tubbs and Harold Blanshan won the state agricultural championship on "Constructing a Model Milk House" and will represent Wisconsin at the National Club Congress for 1938.



All agricultural championship team in Wisconsin, 1938. Billy Tubbs and Harold Blanshan, both of the Woodland Hustlers 4-H Club, Seymour.



All agricultural championship team in Wisconsin, 1936. Kermit Meltz and Eldred Doell of the Elm Tree 4-H Club, Greenville.

Miscellaneous Meetings and Projects

Many miscellaneous meetings and projects have been held during the year, such as the barley institute to help farmers better understand the production of good malting barley. Seed, seed treatment, varieties and the like were discussed at these barley institutes.

Thousands of trees have been distributed for wind break planting and at the present time considerable progress has been made in exhibiting a county 4-H nursery in connection with the tree planting project at the county detention camp.



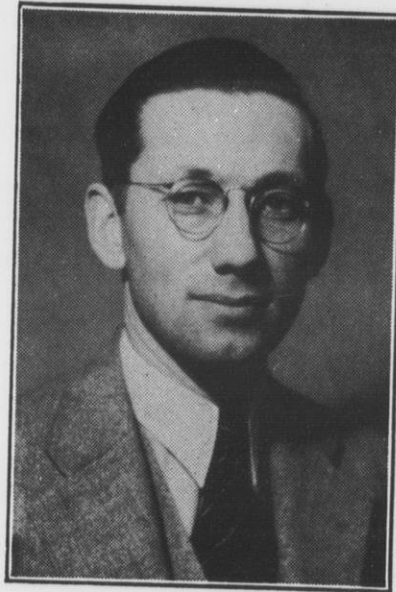
Assisting such organizations as the County Bee Keepers Association has been part of the program. A fine district Meeting was held in Appleton this year. Above; Leonard Otto, Forest Junction, Sec'y.-Treas. of valley association; Arthur Schultz, Ripon, pres. of State Ass'n; Henry Rahmlow, Madison, Sec'y. of State Ass'n; Edward Hassinger, Jr., Greenville, Chr. of Valley Ass'n; Geo. Jacobson, Kaukauna, vice-chr. of Valley Association.

SIX SHIPPING ASSOCIATIONS

Six livestock shipping associations are in operation in the county. Each one is given what assistance it is possible to arrange during the year. Each association has an annual meeting and arranges a plan whereby members can be encouraged to ship all of their livestock through the cooperative plan. It is very apparent that farmers shipping through an association are benefited materially in the final results of income from livestock.

The central cooperative on the Milwaukee market, Equity Cooperative Sales Association, has done a fine piece of work for the Wisconsin farmers. The rapid growth in the percentage of livestock handled by Equity compared to the total livestock coming into the Milwaukee market is proof of its effective program.

C. F. Clafin, General Manager of Equity Sales, Milwaukee, has been a real help in developing strong local organizations.



BANG'S CONTROL

The Bang's control program has been continued during the past year. However, the rate of clean-up is not very rapid due to the fact that many farmers are not as yet ready to eliminate reactors from their herds.

Education meetings were held over the entire county to explain the Bang's disease program and also the government plan of indemnity. Quite a number of farmers have tested during the past year and, no doubt, many more will test before May 30, 1939. On that date the Federal indemnity will be discontinued unless some provision is made by the state to match the Federal funds offered. The present regulations on Bang's provides indemnity on the basis of one-third of the difference between beef returns and the appraised value with indemnity not to exceed \$25.00. The state must match the federal allowance if indemnity is to continue after May 30th.

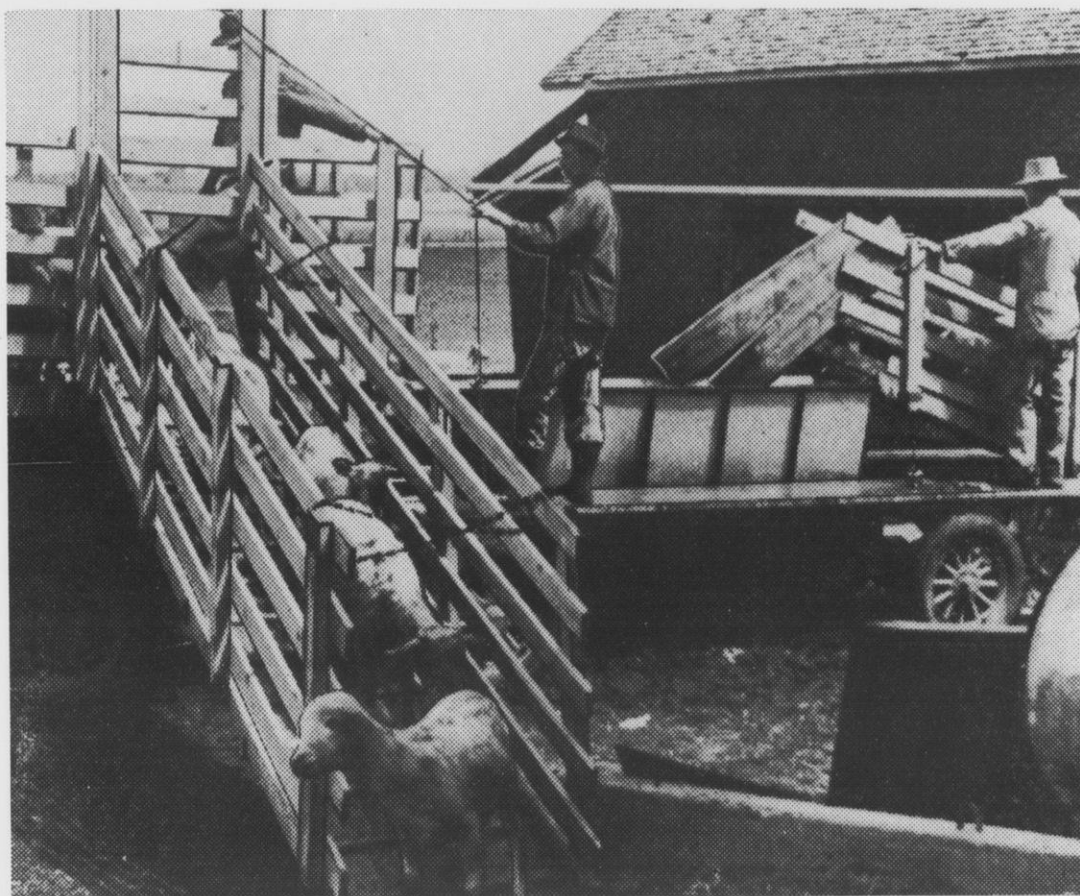
Offering complete information on a subject seems to cover the educational function of a county agent's office in regard to such projects as Bang's disease. In this connection a series of meetings were held covering eight points in the county at which the Bang's disease program was thoroughly discussed. A survey of those who wished to express themselves showed that 120 were favorable to signing petitions for an area test while 127 were against. The

survey further showed that 69 were under the federal program and that 56 had tested privately. Analyzing these figures it would appear that the number who were under the federal program at present or had tested privately accounted for practically the entire group in favor of signing petitions. The complete survey seemed to indicate that Outagamie county is not ready for a complete area clean-up program.

SHEEP DIPPING

In order to assist the sheep raisers in the county, demonstrations were held in dipping and docking sheep in the northern part of the county. Three demonstrations were held in Bear Creek taking care of several flocks of sheep.

Instructions were given to the owners so that these improved practices might be carried out by themselves in future years and result in a higher price for the lamb crop. Dipping equipment was borrowed from another county and worked out very satisfactorily.



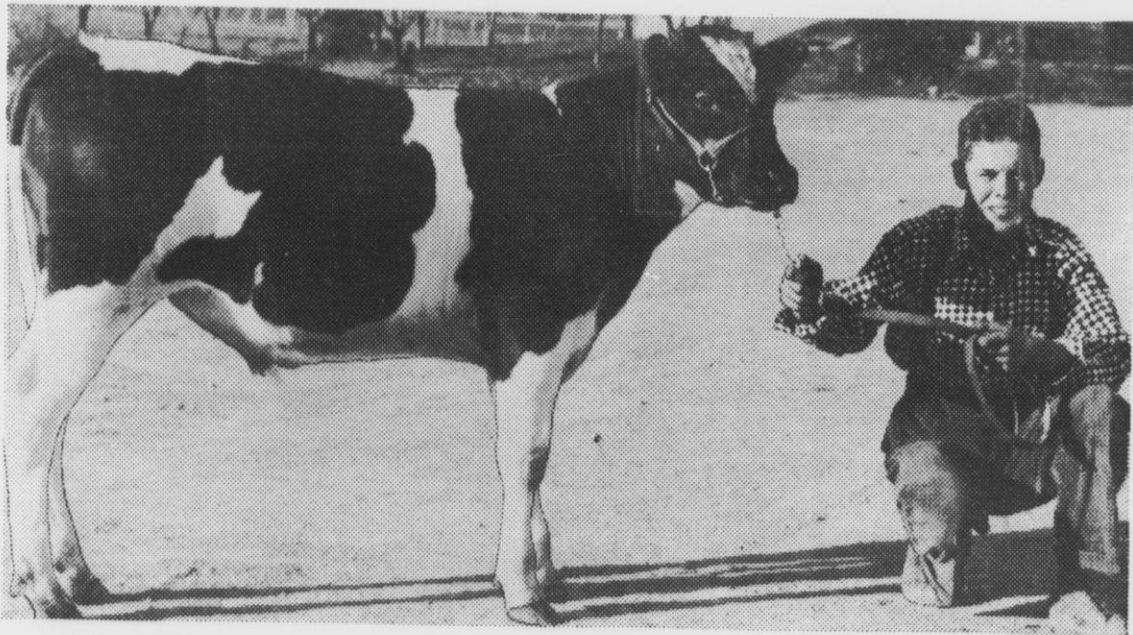
This picture was taken in the town of Deer Creek. Interested farmers helped with the job of dipping, docking and castrating lambs. Sheep numbers are not such in this county that complete equipment of this kind can be economically constructed, but several farmers together can arrange simple methods of dipping their lamb crop. Undocked and uncastrated lambs bring one dollar less per hundred on the Milwaukee market.

SHORT COURSE

Encouragement has been given to a number of the farm boys in Outagamie county to attend the University Short Course. This training offered during the winter months gives the farm boys an opportunity to become better acquainted with improved farm practices and also qualifies them for such work as testing association fieldmen.

Several of the boys this year in the county wrote scholarship essays and were awarded scholarships for one year at the Short Course. Earl Krueger, Roy Krahn, Jack Appleton and Henry Melchert received scholarships and will attend the course this year.

Many boys in the past from Outagamie have received Short Course training and have profited much from it.



Earl Krueger, one of our outstanding 4-H club boys, will be one of our representatives at the 1938-39 University Short Course.

MARKET DAYS

Appleton, Kaukauna, Seymour and New London have developed market days at which time farmers bring in products and offer them for sale to city folk or other farmers. The Appleton Day, the last Saturday in each month, is largely a small pig market as are the days sponsored by the City of Seymour and the City of Kaukauna. To these market days, farmers bring hundreds of pigs from the ages of six to twelve weeks. Many are sold to other farmers and large numbers to outside buyers that come from Illinois and Indiana to purchase feeder pigs.

These markets are developing to a point where many other farm products are disposed of for cash or exchange.



Appleton Small Pig Market attracts many trailer loads and passenger car loads of small pigs.

WOMEN'S CLUBS

The women of the county have organized a large number of clubs similar to the organization of the 4-H clubs. Meetings are scheduled throughout the year at which time each club can send leaders to take back information from the University specialists. These leaders call meetings of the local clubs and material is reported to them so that it reaches hundreds of women in the county through the local leadership method.

Many of these groups also carry on constructive programs outside of the University specialist's material. The work has developed to a considerable extent in the last couple of years and there are now eleven clubs with two hundred and eight members.



The above picture was taken during a home demonstration council meeting held during the year. The group consisting of presidents and secretaries of the county homemakers clubs. Seated at the end of the table is Miss Josephine Pollock, of Madison, assistant director of the state home economics extension bureau.

RAT CONTROL CAMPAIGN

A rat control campaign was carried on in 1936 and 1937 with free bait being distributed to all farmers requesting it. About 2500 packages of rat bait were distributed through the town chairmen and the results reported were very good.

The wholesale poisoning program is much more effective than a program whereby only a few farmers bait the rats at one time. If a program of this kind is carried on for two or three years in succession, rat numbers can no doubt be reduced.

Red squill is used as a basis for this poisoning program and it can be mixed up by individuals in years when the county does not carry on a campaign. Red squill can be purchased at a drug store and mixed at the rate of one ounce of red squill to one pound of hamburger. Red squill is probably the most effective rat control poison that can be used as it is very toxic to rats and yet is comparatively harmless to domestic animals.

Bait was mixed in this county for several of the surrounding areas last year in cooperation with the United States Department of Agriculture.

LIME AND SOIL TESTING

Production of lime has continued under the W.P.A. set-up similar to that of the past two years. Considerable lime has been produced and applied not only directly to fields but through barns to improve the sanitary conditions of them.

Beginning this fall a W.P.A. project will make it possible for us to again test thousands of samples of Outagamie county soil. A cross section map will probably be prepared showing the acidity and also the phosphorus potash condition of all soils tested. Several thousand soil sample bags have been prepared and will be distribute to farmers so that they may take samples of their own soil and bring them to the county agent's office for complete analysis. Complete records will be maintained in the county agent's office for use of the farmers.

SURPLUS COMMODITIES CORPORATION

The cabbage market in Outagamie county this year was such that very little cabbage was moving at the beginning of the harvest season. Through the efforts of the Surplus Commodities Corporation cooperating with our local cabbage growers association, 437 carloads of cabbage were purchased and distributed through relief channels by the federal government.

Six hundred new members joined the Cabbage Growers' Association, selected a special committee and accepted weekly allotments as determined by this committee. The entire program was centered in the county agent's office and careful consideration was given to weekly allotments so that each farmer was allowed to sell cabbage in relation to his acreage.

The program was a real lift to the cabbage growers and worked out quite satisfactorily in all respects. A strong growers association has resulted and will be a real benefit to future years in planning a workable program.

All cabbage sold to the government was loaded in refrigerated cars and inspected and graded by Wisconsin Department of Markets inspectors.

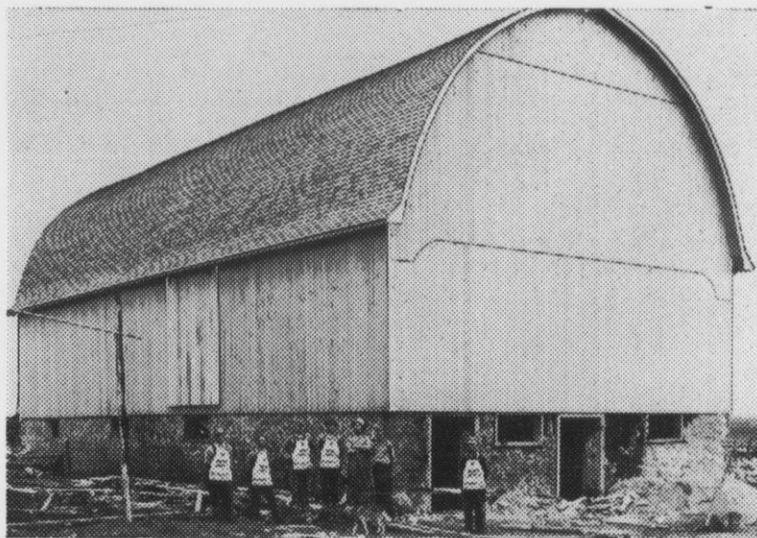


Cabbage was shipped from several points in the county and here in Shiocton in one day as high as twenty eight cars were loaded and sold to the government through the Surplus Commodities Corporation.

IMPROVEMENT OF FARM BUILDING PRACTICES

For the past two years a training school has been scheduled for all carpenters and some of the farmer leaders in the county. At this meeting motion pictures were shown of the making of the proper types of concrete, new developments in insulation and other factors that are new and valuable in the construction of farm buildings. Getting the proper material to the farm carpenters will reflect in better practices being used in the construction of farm buildings. Acquainting the carpenters with these new practices is even more important than dealing with the farmers themselves.

About forty Outagamie county carpenters attended the school last year which was held in cooperation with lumber dealers throughout the county. Three thousand barns are lost, by fire alone, in Wisconsin each year and this means that construction work is going on almost continually. Carpenters trained and instructed on the new developments will build better farm structures for the farmers of the county.



An Outagamie Barn Nearing Completion

GRASSHOPPERS

The grasshopper control program was carried on this summer with bait being distributed free to the farmers in the areas of the worst infestation. The agricultural committee carried out the details of the program and distributed many tons of bait. About \$200.00 was spent for material and in most cases was very successful.

This year, however, with a great deal of succulent feed, baiting grasshoppers was a much more difficult program than it would be in dry years. It was also very difficult to determine the exact number of grasshoppers killed by poison as they become cannibalistic when poisoned and eat four or five of their neighbors. Also the use of poison at the proper time during the day is very important. Indications are that we will have a serious infestation of grasshoppers again in 1939.

Financial Statement

Appropriation		\$200.00
1,000 bait tags, River Falls Printer	\$ 1.75	
350 bags, twin, miscellaneous—Outagamie Equity	12.60	
Miscellaneous—Schlafers Hdw. & Outagamie Equity	4.72	
Labor, 4 people @ \$1.60.....	6.40	
Sawdust and Trucking	67.50	
Whey, 8 loads	40.00	
Highway Dept., Labor and Use of Equipment	13.35	
Mimeograph paper and stencils	5.85	
1 File	29.33	
Expense		\$181.50
BALANCE IN FUND		\$ 18.50

HORSE PULLING



Many farmers are interested in the horse pulling contest at the local fairs and large crowds come out to see the good Outagamie horses really get down to business.

CHEMICAL WEED CONTROL

Weeds have been a bad problem for many years and considerable work is done each season to control them. We have in Wisconsin during the last few years had bad infestation from two new weeds known as "creeping jenny" and "yellow rocket". Two chemicals, sodium chlorate and calcium chlorate have been found very usable in controlling "creeping jenny".

Two plots were established this fall on which various treatments were used. October is apparently the best month of the year to control creeping jenny by chemical and the results of these plots can be determined next spring when the growing season starts.

Farmers with infestations of creeping jenny or yellow rocket should take immediate steps to eliminate it by either chemical or other satisfactory methods that can be suggested.

Wild mustard has been a menace for a number of years and it apparently can be controlled if treated with cyanamide when the plants are very small. A few demonstration plots were attempted this year, but the rainy season made its effectiveness a little difficult to demonstrate. This material, properly applied, should kill wild mustard plants in the grain field without harming the grain. In fact the same material that kills the mustard should prove as a stimulant to the grain as cyanamide is a nitrogen fertilizer. This plan will be worth watching for the next few years.

In each of the demonstration plots the application of four different types of material was used according to the following schedule:

- Plot 1 is set chlorate four pounds to the square rod.
- Plot 2 four pounds to the square rod.
- Plot 3 lime chlorate four pounds to the square rod.
- Plot 4 five pounds atlacide to the square rod.

The comparative value can be determined in the spring of 1939 and recommendations made in accordance with the results.

CHEESE MEETINGS

A quality program for Wisconsin called for cheese meetings for the entire state to consider changes in standards of Wisconsin brands of cheese. These meetings were well attended by farmers, cheese makers, and others interested in the cheese industry. The problem was thoroughly discussed and the final vote was in favor of adopting a change in standards which would make grades of Wisconsin cheese more understandable and would also help to insure high quality.

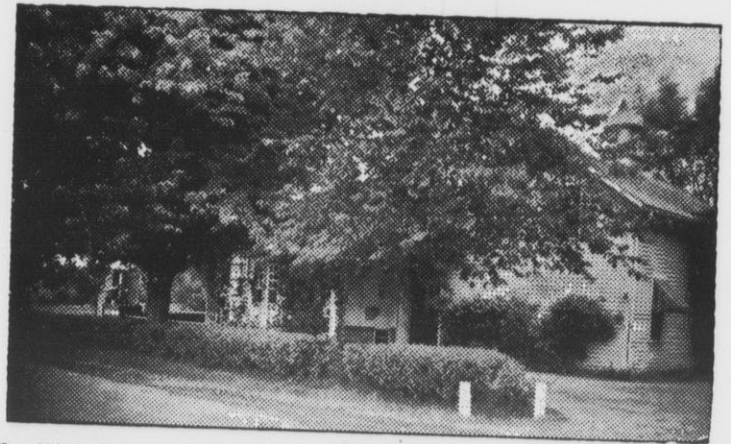
Some of Outagamie's cheese factories rank high in the state taking prizes in the 1938 cheese factory grounds appearance contest.



The Pine Grove cheese factory, Seymour, operated by Alex Vanden Heuvel, took fifth place in the state.



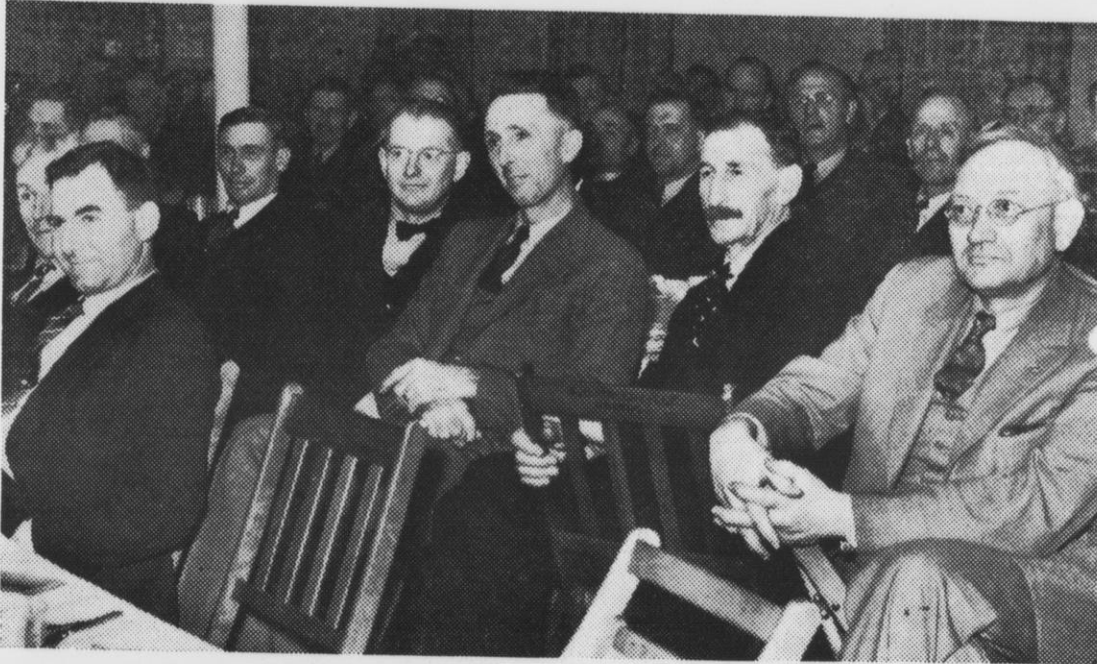
The Spring Brook cheese factory, R. 2 Appleton, operated by A. W. Schneider, took tenth place.



The Nicholson cheese factory, Bear Creek, operated by P. H. Kasper, took fourth place.

FARMERS EDUCATION GROUP

It is often possible to cooperate with well organized farm groups in helping them to conduct educational programs or in soliciting their cooperation in making possible necessary or advisable farm group meetings. The Granges, P.T.A.'s and other farm societies in the county have cooperated in this respect and some excellent meetings of large groups of farmers have been possible through these agencies.



At the Greenville Grange some months ago a gathering of about two hundred farmers and business men enjoyed a banquet together and talked over farm economic problems. The business men were guests of the farmers and went away with a better understanding of the farmers' problems.



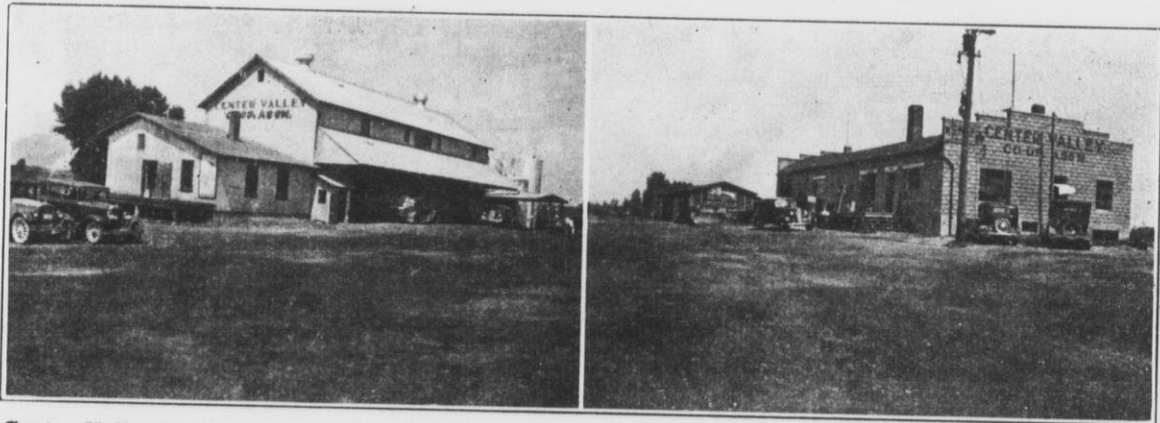
R. C. Schultz, interested in club work and the general development of agriculture in the county and a member of the Grange, swings into action in leading the 4-H orchestra. (Somebody hit a sour note.)

CO-OPERATIVES

GENERAL FARM SUPPLY COOPERATIVES

In the county there are a number of general farm supply cooperatives doing a very fine business and serving farmers in a creditable manner. Considerable time has been spent during the last year in working with these groups helping them with their local problems, meeting with their boards of directors and working with their managers in a way in which the general farm group could be benefited. Since many thousands of dollars worth of business was done by such cooperatives as Greenville, Appleton Equity, Seymour, Progressive Farmers, Center Valley Warehouse Association, Nichols Cooperative and others it seemed that this office was justified in spending considerable time in working with them. An estimated volume of over \$1,000,000 worth of farm supplies was handled in Outagamie County alone.

A mineral feed at a saving to the farmers is one product which has been developed through this office which has not only given the farmers a superior product but is furnished to them at a price much less than the ordinary commercial feed. This is distributed through the Fox River Valley Wholesale.



Center Valley is a sample of one of the many successful farm supply cooperatives in this area. Most of these cooperatives were organized only a few years ago and have enjoyed an unusually rapid yet sound growth.

FOX VALLEY COOPERATIVE WHOLESALE

The Fox Valley Cooperative Wholesale is an organization set up two years ago by the farm supply cooperatives of this section through the advice and assistance of the county agent. The problem seemed to present itself in the form of a better opportunity for buying farm supplies such as steel and wire, rope and twine. By setting up a jobbing organization it appeared to be possible to save considerable money to these individual cooperatives which would in turn result in cheaper merchandise to the farmer member. This organization was perfected and at the present time has expanded to an extent where there are twenty-two cooperative members which have benefited to a great extent by this new organization. During the two year period after paying all expenses a net saving of fifteen thousand dollars has been used to establish a stock of goods in a central warehouse. This fifteen thousand represents a saving in addition to that already returned to the member cooperatives.

There are wonderful possibilities in this plan and there is little question but what it can be developed to the largest cooperative farm jobbing organization in Wisconsin. Twenty new organizations in groups at Mauston and Marshfield recently voted to join the Fox River Valley Cooperative Wholesale.

Within the next two years this organization should do a volume of business well over \$1,000,000 and in so doing save thousands of dollars to the farmer.

APPLETON COOPERATIVE DAIRY

In the spring of 1938 the Appleton Cooperative Dairy was created by a group of farmers following the failure of the Potts-Wood Dairy, (a private corporation). This dairy held a Chicago permit for shipping of sweet cream and farmers who had been customers immediately went to work to set up this new cooperative and hold the permit. This group was successful in their plan and operated the dairy for a period of two months. During that time committees investigated the possibility of existing cooperatives with the idea that they might take over operations and continue as a farm cooperative. An investigation showed the very successful operations of Badger at Shawano and it was the unanimous opinion of the group that a unit of Badger in this territory would be more logical than trying to continue as an independent unit with the necessity of raising considerable capital to build a plant. Considerable effort followed this conclusion by the committee and resulted in success in getting the Badger Cooperative to come into this territory. The Badger Cooperative took over the operations of the Appleton Cooperative Dairy which was then dissolved.

Considerable effort has been put forth by committees following the establishment of a Badger unit to give the farmers information on this step in the cooperative field. The farmers of the county can be proud of having this fine organization to work with.

HYBRID SEED GROWERS

The hybrid seed growers were organized into a cooperative about a year ago for the purpose of handling their seed corn crop to better advantage. They have made a great deal of progress to date and have established a working agreement through the Fox Valley Cooperative Wholesale to dispose of the seed corn raised in this area.

Seed corn this year will be branded with a tag showing not the name of the producer, but the name of the Outagamie Cooperative Seed Producers.

Both cooperatives can benefit materially by their working relationships.

Outagamie has many progressive hybrid corn growers and should take a high rank in the state in this project.

Two corn dryers have been constructed; one on the Harvey Maass farm, Oneida, and on the Emil Mueller farm, Cicero.