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Waushara County Agricultural Agent 1941 annual report.

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JAN 8 1942

WAUSHARA COUNTY AGRICULTURAL AGENT

1941

ANNUAL REPORT

AGRICULTURAL COMMITTEE

A. C. Munding, Chairman
H. O. Arveson
W. L. Wilson

E. S. Hamilton
Arthur Dietz
A. R. Albert, Advisor

COUNTY AGRICULTURAL AGENT

H. N. Haferbecker

To the Honorable Members of the
Waushara County Board of Supervisors

Gentlemen:

You will find attached hereto the annual report of
your County Agricultural Agent for 1941.

This agricultural extension program for the year was
planned and directed by your County Agricultural Committee co-
operating with the Wisconsin College of Agriculture and the
United States Department of Agriculture.

The members of the Waushara County Agricultural
Committee are as follows:

A. C. Munding, Chairman	W. L. Wilson
Arthur Dietz, Secretary	E. S. Hamilton
A. R. Albert, Advisor	H. O. Arveson

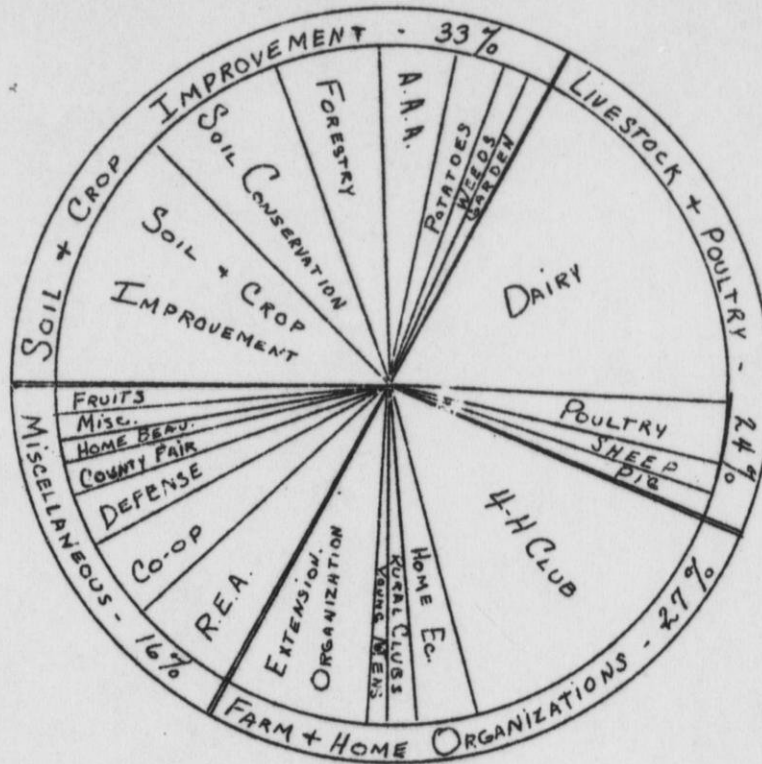
The success of the work as outlined in the attached
report is due, not to any individual effort, but through the
cooperation and helpful assistance of many individuals, groups,
and agencies.

Respectfully submitted,

H. N. Haferbocker
H. N. Haferbocker
County Agr'l Agent

Wautoma, Wisconsin
November 15, 1941

Distribution of Time on Extension Programs



Statistics of Interest

145 meetings were held
 5,773 attendance at these meetings
 102 different circular letters mailed to
 31,207 people
 3,213 personal letters mailed
 207 news articles were prepared and published
 1,580 office calls
 2,403 telephone calls
 358 farm and home visits
 1 radio talk
 94½ days in office
 194 days in field
 16,275 miles traveled

SOIL AND CROP IMPROVEMENT

Soil Testing

During the year 1305 soil samples were brought into the office for testing. In June a W.P.A. project for soil testing was set up which provided for one person to test soils. This man has been trained by the county agricultural agent and is under his supervision.

The project makes it possible to test a great many samples without much waiting on the part of farmers.

It also offers a complete farm sampling service, where the soil tester drives to the farm, takes samples from each field, tests them and records this on a map of the farm. The only charge for this service is the cost of driving to and from the farm. Nine farmers have taken advantage of this service.:

The results of the soil tests made this year are as follows:

Acid-----	973
Low in Phosphorus-----	1047
Low in Potash-----	876

Soil Meetings

A series of fifteen meetings on soil needs was conducted during January and brought out an attendance of 1022 people. Orders for sixty tons of phosphate secured through A.A.A. were taken at the meetings. The dealers in the county again cooperated by selling potash to farmers at cost.

W.P.A. Marl

The W.P.A. marl program continued in operation until May 25 when scarcity of labor on relief rolls made it impossible to continue operations. Stock piles are still maintained at Curtis Lake in Richford, Phil Macjeski pit in Rose, Mankowski pit in the town of Wautoma, Jorgensen's pit in Saxeville, and at the Draves pit in Dakota.

The amount of marl sold this year was 2647 yards.

Fertilizer Trials

Each year the College of Agriculture receives fertilizer, from the large fertilizer dealers, which they grant to interested counties for demonstrational purposes. Waushara County received 1500 pounds of fertilizer or enough for nine demonstrations.

This fertilizer was applied mostly to small grains and new seedings. The results of these trials were from no increase in yield to 100 per cent in yield of grain. The highest increase in bushels was 27 per acre.

One of the greatest drawbacks for getting the best results when using commercial fertilizer is the proper equipment with which to apply it.

Grain drills having fertilizer attachments have given very good results but very few are available in the county.

Forestry

The county received less trees this year because all counties were given an allotment in order to fairly distribute the nursery stock.

The trees received are as follows:

Used for shelterbelt, windbreaks and underplanting---	477,175
1000 tree allotments for acre demonstrations-----	37,600
Purchased for A.A.A. payments-----	9,500
Total-----	524,275

Several days were devoted to tree inspection with representatives from the State Nursery. The object of this inspection work was to see how new plantings survive, how old plantings are making growth, where farmers plant them, and whether insects or other diseases are troubling the young trees.

In most cases the farmers have done an excellent job in planting, caring for them, and putting the poorest land into trees.

A.A.A.

The following statistics gives the performances of the 1940 A.A.A. program:

Township	Tons of Lime	Lbs. Phos- phate	Soil Cons. Crops	Total Crop- land	Amount A.A.A. Payment	Per cent of Participation
Aurora	414	3,390	5,028	9,901	\$8,790	99
Bloomfield	350	300	5,732	10,751	8,928	90
Coloma	855	10,669	7,282	12,791	7,544	87
Dakota	1,039	24,223	4,548	9,176	5,034	87
Deerfield	856	5,070	7,348	14,017	9,336	89
Hancock	1,203	16,430	8,811	14,847	7,893	86
Leon	580	1,840	6,613	10,272	5,827	89
Marion	1,092	10,905	6,895	11,415	9,341	93
Mt. Morris	695	6,915	7,178	11,463	7,673	90
Oasis	2,140	1,320	9,731	17,244	14,370	93
Plainfield	1,197	510	8,882	15,016	10,587	86
Poy Sippi	266	-----	4,541	8,937	7,708	93
Richford	825	1,690	5,366	10,321	7,458	86
Rose	995	6,738	9,049	14,769	9,397	91
Saxeville	647	-----	6,782	11,064	8,230	95
Springwater	552	17,605	6,667	10,405	6,313	85
Warren	449	12,730	4,992	9,573	6,810	85
Wautoma	925	3,612	7,691	13,129	7,965	89
Total	15,087	123,937	123,747	215,157	149,200	90

Soil Conservation

The work of the county agricultural agent in connection with the Soil Conservation District is that of education. Demonstrations on the farm, educational meetings, and tours to erosion control demonstration farms were some of the things done. Mr. Zeasman of the College has conducted four field demonstrations showing erosion taking place. Two tours out of the county were made to erosion control demonstrations in the Coon Valley District. Three field trips were made in the county to study land capabilities. One of these trips was made with the Board of Supervisors. Local meetings have been held in areas where many requests for help have come to further explain the work of the district and to explain what help the farmer can expect.

Applications for assistance have been received from 84 farmers.

Potatoes

The Wisconsin Potato Growers Association supplied sufficient seed for two variety plots of 1/2 acre each. These varieties consisted of Russet Rurals, Chippewa, Katahdins, and Rural New Yorkers.

Four additional trials using a Sebago variety and the Russet Rurals were tried in the Yellow Dwarf area. The Sebago from past trials has been found to be quite resistant to the Yellow Dwarf disease, but it is a little late in maturing, particularly for this area.

Approximately sixty five bushels of local seed that was under inspection last year was sold through the office to growers who wanted new seed.

Weeds

Demonstrations that were held a year ago on weed control with chemicals are showing results. No Creeping Jenny is to be found on the area treated last year with Sodium Chlorate. Many orders have come in for Sodium Chlorate this year but because of the war it has been very difficult to get. Five hundred pounds of the material has been handled through the office.

Many weeds have been brought into the office for identification and calls have been made to the farms showing the methods of eradication.

Gardens

Special emphasis was placed on gardens and canning of home grown fruits and vegetables at the Plainfield Institute last spring. Strawberries and raspberries were stressed as two small garden fruits that might be raised in larger quantities. To encourage this special prices on large orders were secured and announced at the Institute. The orders received totaled 2400 raspberry canes and 11,000 strawberry plants for 54 farmers.

A meeting on strawberry and raspberry culture was held with the homemaker club members. This meeting was conducted by Mr. Kuehner of the Horticulture Department of the College.

FARM AND HOME ORGANIZATIONS

4-H Clubs

Every township in the county contributed to the 4-H membership in club work. There were 30 clubs with an enrollment of 359 members. The following table shows the number taking the various projects:

Foods and Nutrition-----	85	Dairy-----	107
Sewing-----	115	Pig-----	19
Canning-----	38	Colt-----	9
Home Improvement-----	7	Beef-----	3
Garden-----	75	Sheep-----	27
Junior Leadership-----	13	Poultry-----	46
Potatoes-----	6	Corn-----	8
Forestry-----	3	Grain-----	9
Handicraft-----	29	Insects-----	5
Home Service-----	2		

A three day camp was held at Mt. Morris this year where facilities for holding such a camp were quite complete. Attendance at the camp was 250. Two leaders from the state club office assisted with camp exercises.

Three district meetings for girls were conducted giving special help on clothing.

There were 3 teams and 2 individuals that competed in the county demonstration contest. The winners in the county contest competed in the district contest and won second place.

The county was also represented at the state dairy queen contest by a 4-H girl who placed 4th among the counties represented.

Seven Junior Leaders attended the state 4-H club camp held at Madison during June.

4-H members won \$936.30 in premiums at the County Fair. The following is a list of entries in each 4-H department at the fair:

Calf-----	133	Crops-----	308
Colt-----	11	Handicraft-----	12
Swine-----	12	Clothing-----	256
Sheep-----	44	Foods and Nutrition-----	214
Poultry-----	109	Food Preservation-----	189
Insects-----	2	Home Furnishing-----	3
Jr. Leader Record Books--	9		

A new 4-H project was started this fall when twenty six steers were purchased and placed among twenty four boys in the county. The money is loaned by a local bank to an executive committee representing 4-H and F.F.A. Each boy is responsible to this committee for the payment of his steer.

The following is a list of the 4-H clubs and leaders in Waushara County this year.

Aurora All Americans, Girls-----	Mrs. Henry Morrow
Aurora All Americans, Boys-----	Wid Fralish
Coloma Beavers, Girls-----	Mrs. H. McLaughlin
Coloma Beavers, Boys-----	H. McLaughlin
DaMar Girls-----	Belva Wilcox
DaMar Boys-----	Belva Wilcox
Elmer's Everyday Hustlers, Girls-----	Viola Greenman
Elmer's Everyday Hustlers, Boys-----	Elmer Greenman
Hancock American Legion Forwards, Girls-----	Mrs. J.E. Parkin
Hancock American Legion Forwards, Boys-----	J. E. Parkin
Lakota Girls-----	Mrs. F. C. Frater
Lakota Boys-----	Earl Towne
Marion Busy Bees, Girls-----	Mrs. Harley Marks
Marion Beavers, Boys-----	Harley Marks
Mt. Morris Pioneer, Girls-----	Mrs. R. O. Williams
Mt. Morris Pioneer, Boys-----	Kenneth Williams
Oasis W.S.T., Girls-----	Mrs. Ray Eager
Oasis W.S.T., Boys-----	Alvin Olson
Plainfield Girls-----	Mrs. George Osterhaus
Plainfield Boys-----	Irving Bartels
Poy Sippi Busy Bees, Girls-----	Mrs. George Vergin
Poy Sippi Busy Bees, Boys-----	Norman Lindekugel
Rose Girls-----	Jane Davies
Rose Boys-----	John O. Williams
Tamarack Girls-----	Elmer Wandrey
Tamarack Boys-----	Elmer Wandrey
Warren's Future Citizens, Girls-----	Mrs. C. Finnerty
Warren's Future Citizens, Boys-----	Halsey Paulsen
Wautoma Wonder Workers, Girls-----	Norine and Norma Parkin
Wautoma Wonder Workers, Boys-----	W. Lowell Gee

Home Economics

The county homemakers organization is composed of nineteen clubs with a membership of 339. Their program of work begins in September and closes in May. Four leaders training meetings were held on the following projects which they elected to take. Two leaders from each club attend the leaders training meetings.

Hooked Rugs I
 Hooked Rugs II
 Bedding
 Wall Finishes

An achievement day program was arranged by the clubs and held at the Wild Rose High School. Over 300 women attended the program.

The homemakers clubs also took home beautification and small garden fruits in addition to their regular project work.

The clubs listed below were members of the county organization:

Name of Club	Leaders	
Friendly Circle	Mrs. Charley Legrand	Mrs. Andrew Harvey
Harmony Homemakers	Mrs. Jess McBrair	Mrs. Frank Radliff
Help-Each-Other	Mrs. Herbert Hamm	Mrs. Beatrice Tribble
Wautoma	Mrs. James Dunnett	Mrs. Kenneth Anderson
Spring-Rose	Mrs. Dan W. Davies	Mrs. Edward Somers
Friendly Neighbors	Mrs. Will Winge	Mrs. Marvin Weeks
Happy Hour	Mrs. Fred Sawallish	Mrs. Geo. H. Hoeft
Poy Sippi	Mrs. Frank Blaisdell	Mrs. Maude W. Knaup
Oakdale	Mrs. Hans Hanson	Mrs. I. C. Van Airsdale
Pine River	Mrs. Geo. Sorenson	Mrs. John Waid
Wautoma Village	Mrs. Silas Wilcox	Mrs. Otto Duwe
Badger :	Mrs. Will Rose	Mrs. R. H. Gustin
Richford	Mrs. Clara Berg	Mrs. Albert Beutler
Mt. Morris	Mrs. R. O. Williams	Mrs. Sarah Ottoway
West Plainfield	Mrs. Isabel Shippee	Mrs. Pearl Wing
Woodville	Mrs. Edna Janke	Mrs. Sophia Pomplun
Coloma	Mrs. Anna Follett	Mrs. Belva Jacobs
Oasis	Mrs. Hannah Miller	Miss Edna Mae Trickey
Hancock Village	Mrs. Grace Hamilton	Mrs. Winnie Hamilton

The center chairmen were:

Wautoma - Mrs. Burnett Johnson
Hancock - Mrs. E. H. Hillyer

Young Men's Club

A club for interested young men living on farms was organized last fall with eighteen members. They met once a month for instructions on soil and livestock problems. The fertilizer demonstrations were conducted on their farms.

Two tours were also made by this group. One trip to Coon Valley where they viewed the results of erosion control methods, the other was made to Shawano visiting the Badger Consolidated Milk-Co-op and the Artificial Insemination Breeding Co-operative.

One member of this group was chosen to attend the International Livestock Show at Chicago last fall.

Rural Clubs

The rural clubs in the county are composed of granges, community clubs, and cattle clubs. The assistance given them has been in the form of talks, movies, and demonstrations. Planning meetings have been held with four of these organizations. Extension specialists from the college have been secured for help at some of their meetings.

Extension Organization

Four district agricultural meetings were attended outside of the county. These meetings pertained to more detailed information given to extension work on such projects as dairy, farm accounting, soils, and forestry. Specialists from the College conducted these meetings.

Two Farmer's Institutes were held during early spring -- one at Poy Sippi with an attendance of 275 and another at Plainfield with an attendance of about 600. Both of these institutes have become established as an annual event with both farmers and businessmen looking forward to them.

LIVESTOCK AND POULTRY

Dairy

The Dairy Herd Improvement Associations, the Co-operative Bull Association, and the Dairy Quality program are three groups which received help.

The Herd Improvement associations were reorganized last fall and during the past summer, because of a lack of testers were combined. An outside tester has taken care of the official work which the present tester has not been able to do, and for which he did not have time.

The Testing Associations held a joint picnic with the Cooperative Bull Association as its only extra activity during the year.

The Co-operative Bull Association has a membership of 95 with 63 bulls distributed among its members. During the year four directors meetings were held and the annual meeting.

The assistance given the Association was that of buying desirable young sires for replacements and for new members, making exchanges of sires among members, and arranging for all of their meetings.

The dairy quality program was started during the month of March. The program was carried out with the help of school district board members, the creameries, cheese factories and milk plants. School house and township meetings were conducted with an attendance of over a thousand people.

Two meetings with the butter and cheese makers were held since the program was inaugurated to learn of the results obtained. The reports given indicated that definite results have been obtained and that progress in quality milk production was made. The dairy inspector for this area has devoted as much time as he could in assisting the plant operators in milk inspection work.

Poultry

Extension help on poultry begins in the spring of the year when farm calls are answered on chick troubles. Coccidiosis causes the most concern among flock owners, but the disease can be easily controlled by sanitation measures and dried milk flushes.

Overheating of the brooding house usually ranks next in chick brooding troubles. Electric brooders will do much to eliminate this trouble because the old type of brooder kept the entire house so warm that there was no place for chicks to go when they wanted to cool off.

Culling demonstrations have been held this fall and more are to follow. This is quite important at this time because of the larger flocks that are being kept this year. Overcrowding of poultry houses is not desirable for high egg production.

Fifteen flock inspections were made for those who intended to sell eggs to the hatcheries. This is important if disease is to be kept at a minimum. Many hatcheries are guilty of taking eggs from most any flock without inspection and as a result the flock owners suffer.

Sheep

The purchase of new rams and the dipping and drenching of flocks constitute the work done with sheep owners.

Two years ago the flock owners were called into a meeting with the extension specialist from the College but no definite program was adopted. The sheepmen were having no trouble with their flocks and were of the opinion that nothing needed to be done.

This year trouble began creeping in. Ticks were bothering ewes and worms were causing trouble with the older ewes and lambs. The result was that five flocks or 252 sheep were dipped for tick control and 279 drenched for worms.

Three new rams were purchased this year by the flock owners. The University sends a truck throughout the state loaded with rams from selected flocks. The truck stops at certain points in the state and conducts its sale of rams to those sheepmen who are annually looking for good rams.

Pigs

Good pasture, balanced rations and self-feeders are essential to a profitable hog business. The switch from selling cream to whole milk left many farmers in doubt as to what could be used in replacing skimmilk. In answer to requests on the use of substitutes and rations in general, a mimeographed paper was prepared listing the feeds farmers could use and expect reasonably good results. One creamery operator was supplied with this material after he had received inquiries from patrons on what to use in place of skimmilk.

MISCELLANEOUS

R.E.A.

The Rural Electrification program has been making good progress. The entire allotment has been granted the Cooperative which has since made them quite active. The Board of Directors have hired a project superintendent, have set up an office, hired an engineer and contractor.

The county agent worked closely with the secretary of the Cooperative until a bookkeeper and superintendent were hired. Assistance was also given in interviewing candidates for these positions.

Further help to be given the cooperative will be through meetings with members of the cooperative on wiring of homes. Some homes are already wired but the majority of them still need to be wired. These meetings are scheduled to begin in December.

Defense Program

The purpose of the defense program is to increase food production. Wisconsin farmers are asked to produce more milk, eggs, and pork. A sectional meeting at Oshkosh on the defense program was attended for instructions on conducting further meetings pertaining to increased food production for war purposes. A launching meeting was held, later followed by a leaders meeting. Ways of increasing milk, eggs, and pork were outlined to the leaders, who later conducted the school house meetings. Approximately a thousand people turned out to learn of the program at the school house meetings.

Orchards

Four orchard pruning demonstrations were held last spring with 46 farmers attending. Mr. Kuehner of the College conducted the meeting. Varieties of apple trees suitable for this area was discussed.

Home Beautification

Thirty six homemakers are cooperating in a home beautification program. Help has been given them by an extension specialist who called at their homes. Plans were sketched for each farm and suggestions on trees, shrubbery and flowers given.

SUMMARY

Waushara County is strictly of an agricultural nature. It does not have any large industries which can contribute to the taxes that must be raised in the county to pay its operating expenses. The bulk of the taxes now raised comes from farm owners, businessmen and lake cottage owners. The amount of such taxes that can be raised depend upon how well these individuals can pay. Of the three groups the farmer and businessmen are linked rather closely together. The success of one depends upon the success of the other. The farmer is the first to consider for it is him who feeds the nation and now his field has still been extended as a result of the war. The farmer must have an income large enough to properly raise his own family, pay his taxes, interest, and have sufficient funds left over with which to improve his farm business.

A successful farm business depends upon the number of tried and proven practices adopted.

Before concluding this report due credit must be given other individuals and groups of persons who have been instrumental in making this extension program successful:

The Waushara County Board of Supervisors
Soil Conservation Service, Waushara County
A.A.A. Office Personnel
A.A.A. Committee and Committeemen
Ernest Darlington, Farm Security Agent
Winifred Bagnall, Farm Security Home Agent
The local 4-H Club Leaders, Presidents, and Secretaries
The Homemakers Leaders, Presidents and Secretaries
Arthur Dietz, County Superintendent of Schools
E. J. Fitzpatrick, Principal of Waushara County Normal
Wealthy Hale, Clothing Specialist, College of Agriculture
Fred Tronk, Extension Forester, College of Agriculture
Clyde T. Smith, Area Forester, Wisconsin Rapids
C. J. Chapman, Soils Specialist, College of Agriculture
Frank Cole, W.P.A. Soil Tester
J. G. Milward, Potato Specialist, College of Agriculture
Glenn Vergeront, George Werner, A. J. Cramer and A. O. Collentine,
Dairy Office, College of Agriculture
T. L. Bewick, Wakelin McNeel, Grace Rowntree, State 4-H Club
Leaders
Harold Bahn, Donald Campbell, and Griffith Williams, Fieldmen
Waushara Dairy Herd Improvement Associations
Dr. James Healy, Dr. Mullen, and Dr. John Bjorge, Federal
Veterinarians
Waushara County Banks and Newspapers
R. W. Stumbo, Wisconsin's Dairyman's Association
L. G. Holmes, Horticultural Department, College of Agriculture
Gladys Stillman, Nutrition Specialist, College of Agriculture
Conrad Kuehner, Horticultural Department, College of Agriculture
O. R. Zeasman, Soil Conservationist, College of Agriculture
George Briggs, Agronomist, College of Agriculture
A. Pillar, State Department of Agriculture and Markets
Joe Niemer, Dairy Inspector
L. G. Kuenning, Chief Dairy Division, Dept. of Agriculture
E. A. Jorgensen, District Extension Leader
W. W. Clark, Associate Director of Extension
Dean Chris L. Christensen, College of Agriculture, Madison.



Herbert Henne Farm, Richford
No fertilizer on grain.
Yield 46.4 bu. per acre



Herbert Henne Farm, Richford
Fertilizing oats with o-20-20
Yield of 73.25 bu. per acre.



Orchard Pruning Demonstration



Shelterbelts for Protection



Studying soil classification in cooperation with the Soil Conservation District officials



Shelterbelts for Protection



Using home made self-feeder for pork production



Hogs on Alfalfa Pasture.

OUTLOOK FOR 1941 - 1942

Program of Work for 1941 - 42

The following program of work has been adopted jointly for Waushara County for 1941-42 by the County Agricultural Committee, County Extension Agent, and Extension Supervisor:

<u>Major Problems</u>	<u>Phases of Work</u>	<u>Goals</u>
1. Food for Defense	Dairy Production	Hold educ. meetings on feeding; Increase 13,230,000 lbs. milk over 1941;
	Pork	Increase 1,724 no. of hogs over 1941; disease and parasite control; 4-H project demonstrations.
	Poultry	Increase 948,100 eggs over 1941; Disease and parasite control; Culling demonstrations.
	Better Nutrition	Cooperate with Homemakers; canning storing; Drink more milk; Better Gardens.
2. Soil Conservation and Improvement	Erosion Control	Plant $\frac{1}{2}$ million trees for shelter-belt; Strip cropping; Longer crop rotations.
	Soil Conservation District	Hold education work to interest farmers.
	Lime and Fertilizer	Continue soil testing; marl programs; Head educational work with A.A.A., Act as Secretary.
3. 4-H Club Work and Rural Youth	Organization	400 members; 30 clubs; 85% achievement.
	Activities	Projects; Judging; Tour;s
	Older Youth	Camps; 30 demonstration teams Assist with Programs
4. Dairy and Live-stock Improvement	Dairy Cattle Improvment	Continue Co-op Bull Ass'n work; Continue D.H.I.A.
	Alfalfa Production	Promote increased acreage for better hay and pasture for dairy and livestock.

Homemakers Club - 400 members, 20 clubs. Cooperate with homemakers council with program.

Dairy Quality Products - Cooperate with State Department of Agriculture in follow-up work.

Reforestration - Promote tree planting on non-agricultural land.

R.E.A. - assist organization when necessary.