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1945 ANNUAL
NARRATIVE
REPORT

OF

AGRICULTURAL AGENT

ST. CROIX COUNTY, WISCONSIN

Compiled by

OMER W. PECK

Baldwin, Wisconsin

1945
ANNUAL REPORT
OF
ST. CROIX COUNTY AGRICULTURAL AGENT
NOVEMBER 1, 1944 TO OCTOBER 31, 1945

Omer W. Peck - County Agr'l. Agent
Walter Karnes - Farm Labor Assistant

AGRICULTURAL COMMITTEE

Walter Karnes, Spring Valley, Chm.
Nels E. Erickson, Hammond, Sec. Ben Huenick, Emerald
Wm. Bergeron, Somerset Ed. Miller, Boardman

AGRICULTURAL EXTENSION SERVICE

ST. CROIX COUNTY, WISCONSIN

OMER W. PECK, County Agri. Agent

BALDWIN, WISCONSIN

November 13, 1945

To the Honorable Board of Supervisors
St. Croix County, Wisconsin

Gentlemen:

We are pleased to submit this, our third, report to you. Our past year of service, like that previous, has continued to be a pleasurable one.

Immediately following the table of contents will be found the Agricultural Extension Program as prepared and adopted by your Agricultural Committee for 1945. It will be observed, from the detailed information in the report, that most of our objectives have been reached.

We again had Federal Funds available for employing a full-time labor assistant. That program has now been discontinued after a little over 2½ years. Earlier in the year we also had Federal Funds available for hiring a War Food Assistant. Miss Sontag was with us until January 15th. From February 15th to June 30th we had with us Mrs. Rebecca Nelson. They were especially helpful in getting our fine 4-H program started. On June 15th, Miss Hoeth began work as County Home Demonstration Agent. She will herself submit a report covering her activities and those of Miss Sontag and Mrs. Nelson.

We wish to again remind you we appreciate your comments and suggestions at anytime; and stand ready to be of any assistance to you we can at any time.

We wish to thank the farmers of St. Croix County for the fine cooperation we have received in the various programs we have undertaken. We also wish to thank the members of the Agriculture War Board, the Vocational Agriculture Teachers, the rural teachers, the 4-H Club leaders, and all others who have cooperated and helped make the 1945 Agricultural Extension Program successful.

Respectively submitted,

Omer W. Peck

Omer W. Peck
County Agr'l. Agent
St. Croix County

TABLE OF CONTENTS

	<u>Page</u>
County Extension Program-----	1
Farm Labor Program-----	2
Dairy Production-----	3
Dairy Herd Improvement Association-----	3
Breeding-----	4
Quality Production-----	4
Diseases-----	5
Soils Management-----	6
Soil Conservation-----	6
Fertilizers-----	6
Crops-----	8
Hays-----	8
Small Grain-----	9
Corn-----	10
Potatoes-----	10
Weeds-----	10
Fruit-----	10
Other Livestock-----	11
War Project Activities-----	12
War Board-----	12
Veterans-----	12
Milk Truck Conservation Program-----	12
Office of Price Administration-----	12
Milkweed Pod Collection-----	12
4-H Clubs-----	13
Membership-----	13
Clubs-----	13
Activities-----	14
Leader's Banquet-----	14
National 4-H Mobilization Week-----	14
Radio Speaking Contest-----	14
Music-----	15
4-H Camps-----	15
Picnic-----	15
Demonstrations-----	15
Fairs-----	16
Achievement-----	17
General-----	19
Farm Census-----	19
Income Tax-----	19
Farm Institute-----	19
Machinery Caravan-----	19
Farm Buildings-----	20
Evergreen-----	20
Statistics-----	20
Financial Report-----	22

ST. CROIX COUNTY EXTENSION PROGRAM FOR 1945

<u>Major Problems</u>	<u>Phases of Work</u>	<u>Goals</u>
Dairy Production	1. Testing	-Organize co.-wide DHIA
	2. Quality Production	-150 members in 1945
	3. Breeding & Feeding	-Stress Importance of quality production
	4. Diseases	-100 new milk houses
	5. Dairy Equipment	-Develop improved breeding
4-H Club Work	1. Projects	-Encourage better feeding
	2. Local Clubs	-Hold meetings on control of dairy diseases, esp. Mastitis
	3. Fairs	-Co.-wide meetings of Dealers
	4. Other activities	-Encourage better care by farmers
Soils & Crops	1. Fertilizers	-500 members-75% achieve,
	2. Pastures	-650 projects-better record
	3. Potatoes & Grain	-30 clubs organized
	4. Weeds	-Develop yr.-around prog.
Post-War Programs	1. Co.-Wide Institute	-Encourage larger participation in Co., District & State Fairs
	2. Veteran Advisory Comm.	-Music Festival
	3. Farm Buildings	-Co. Club Camp in June

Other Work (Minor Projects)

- Swine--Hold 4 demonstrations on dipping and drenching.
- Poultry--Hold culling demonstrations.
- Farm Labor--Continue past services in this program.
- Income Tax--Hold informational meetings and assist farmers.

Approved:

B. F. Rusy

Dist. Ext. Supervisor

Walter Karnes

Chairman Agr'l. Committee

Omer W. Peck

Co. Agr'l. Agent

FARM LABOR PROGRAM

Farm Labor was listed on our program as a minor project, yet it has demanded a large portion of our time. Again this past year our office had available to it Federal Funds for the purpose of continuing a program of recruitment and placement of farm labor and also other activities connected with this field. Mr. Walter Karnes has again been our Assistant devoting almost full-time to problems arising along this line.

This has been the third year of this program inaugurated by Congress in the spring of 1943 as an emergency program. The past year the problem has perhaps been greater than previous years, but yet we found it impossible to do much about it. The farm labor shortage has no doubt been greater than any previous year's. On the other hand we had less help available for placement so many farmers that filed with us for help were unable to receive it.

A great deal of our time was again devoted to work with the various Selective Service Boards. Many Boards, in addition to the one in our county, called upon our office for investigations and reports on the farming activities of their various registrants. As a whole the Selective Service Boards have been a very fine group to work with. They have done their best to be square with us and we have likewise tried to be square with them. In addition, many farmers called at our office to seek advice or help in filling out Selective Service Forms and other problems connected with registration of their son or hired man.

Again this year our office acted as the clearing point for bringing Jamaican labor to our county to assist with the canning crop harvest. This is the third year Jamaican labor has been used in St. Croix County by the Friday Canning Company of New Richmond. This year the company used 80 workers. During the off-season at the Canning Company in August, about 30 Jamaicans spent several days helping out farmers with their haying and harvesting.

Below are listed some statistics concerning the Year's program in our county:

	<u>Seasonal</u>	<u>Year around</u>
Number of workers order by farmers during the year	337	77
Number of placements made during the year		
a. Men (18 and over)	64	36
b. Women (18 and over)	2	none
c. Youth (under 18)	7	none
d. Families placed as tenants	-	9
Total	73	45
No. of World War II Veterans included in above quest.		
a. On farm jobs	9	7
b. As tenants	none	3
Number of different farmers ordering workers this year		283
Estimated number of year-round workers in addition to those ordered that could be placed if available		150
Number of agricultural workers on whom information was supplied for use by Selective Service		284

Dairy production was number one of all our major problems on our 1945 program of work. When we realize that almost 2/3 of the farm income in St. Croix County comes through dairy enterprise, it is only natural that we should put it as our number one problem and devote considerable time to it.

Now that the war is over, folks in the agricultural field are giving considerable thought to what the future may have for farm prices. Although the next several months may still hold strong, we can be sure there will be a day when agricultural prices will not be so advantageous. As prices drop and competition becomes stronger, it's going to be those men who are most efficient in their production that will be best able to weather the storm. For the dairy farmer this efficiency revolves, to a large extent, around the various problems of dairy management. Some of these problems are better breeding, better feeding, culling, disease control, and quality production. In the paragraphs that follow we shall try to explain how we have attacked some of these problems.

Dairy Herd Improvement Association

It is often claimed that the backbone of a successful dairy enterprise is a good breeding program. Yet this alone is not enough. Hand in hand with this, and perhaps even before, must come the program of female selection and culling. Such a program must be built around a carefully planned system of testing and records. With this in mind, we have devoted considerable effort to organizing and developing a cow testing association. Several meetings were held last winter with interested farmers to plan a program. It was finally voted to set up a cooperative organization, incorporated with the State, to handle the program. The name—"St. Croix County Dairy Herd Improvement Association-Cooperative" was adopted. A Board of six Directors was elected as follows:

Arthur B. Hanson, Baldwin
Wm. Heebink, Baldwin
Alfred Gregerson, Woodville
Archie Afdahl, Hammond
Howard Godden, Roberts
Ed Eckstrom, New Richmond

Arthur Hanson is president and the county agent was selected to act as secretary and treasurer.

On May 1st we started functioning with about 40 members—all Owner-Sampler, that is when the farmer takes his own samples. By November 1st our membership had about doubled. On October 16th the Association hired a field man and will henceforth be in a position to do Standard testing as well as Owner-Sampler. At the present, plans are being laid for the Association to equip its own laboratory.

In the future we plan to continue to exert considerable effort along this line and hope by next year to have the membership again doubled.

Breeding

To date we have not had the opportunity to do as much toward developing a better breeding program as we had hoped. We have counseled with several farmers concerning better foundation stock. We have also accompanied a few on buying trips. Plans, however, call for more along this line soon.

We accompanied a group of farmers to Polk County last spring to look over their Artificial Insemination Organization. This group and many other farmers have expressed the hope that such an organization could be formed in our county. Consequently, within the next few weeks we hope to hold a series of meetings with some one from the State College to discuss the matter. Our plans call for an organization which would purchase semen from another association rather than invest several hundred dollars in bulls and equipment. Before another year passes we hope to have such an association functioning; and plan to tie it in closely with our present D.H.I.A. organization.

It is our belief this method offers the safest, surest opportunity for better herd sires that one could want. Certainly the man with a grade herd, or a small herd, could not avail himself of high quality sires any cheaper and more safely.

Quality Production

During the war years farmers have enjoyed a good market for dairy products. Soon this may be changed. Undoubtedly, it will be those products produced from high quality milk that will better be able to hold their market as competition becomes stronger. Beyond that, we can look for more strict inspection on the part of the Federal Government. Consequently, it behooves each and every dairyman to do what he can now to meet that future.

We have brought out several phases of this problem at various times during the year. In March a series of meetings were held with Mr. Wallenfeldt of the State College and Mr. Roper of the Portland Cement Association to discuss some problems along this line. Main emphasis was laid on milk house construction, and better care of milk utensils and better milking practises. In addition to several meetings open to farmers, an evening meeting was held attended by about 15 milking machine salesmen where our discussion centered quite largely around better methods of milking machine care and use.

We recently attacked this problem from another angle, when we invited the various creamery managers of the county together to discuss a unified quality program and basis of pay based on quality. A committee of four was selected to work with the county agent to develop such a program. It is hoped that before too long these plans can be completed and a uniform policy be adopted over the county. It is hoped that all creameries will adopt a program of additional payments for top quality milk. With all creameries on this basis, all farmers will have the same incentive and will also be removed from the temptation to change Plants when their milk doesn't come up to specifications.

Diseases

Another problem which is growing more serious for dairy farmers is that of disease prevention. Contagious abortions (Bang's Disease) and Mastitis (Garget) are by far the most serious. Both tie in to no small part with the problem mentioned before—that of quality production.

A series of meetings were held last March with Dr. Beach of the State College to discuss these particular problems. In addition we've had a large number of farmers write or call on us for advice and suggestions on these diseases. With the change in the State Laws last summer, many farmers have wondered what course to take, especially in connection with vaccination for Bangs.

SOILS MANAGEMENT

If it is true that Dairying is the backbone of St. Croix County's Agriculture, then it is likewise true that Soil Management is the foundation. Truly, no agriculture; in fact, no civilization can exist without a sound soil program. Consequently, any program designed to improve agriculture of the county, must have its basis in the soil.

Soil Conservation

Our county has been blessed on the one hand with better than average soil fertility and on the other, unfortunately covered with a rolling topography of broad open areas and long slopes. This makes our first and foremost problem of soil management, one of conservation.

As you are all aware, I'm sure, St. Croix County is now organized into a Soil Conservation District with your Agriculture Committee as Supervisors. During the past year we have continued to cooperate in every way possible with the personnel of the District Office. Together we held several meetings in various parts of the county. Effort was concentrated in those areas where there were not many farmers cooperating, to get more to do so. We cooperated on a number of meetings and several farmers in such areas came into the program.

Five men are now employed full-time in the local office and two men part-time. Even with this large crew, farmers are showing so much interest, the personnel is finding it difficult to keep up with the work. Over 500 farmers are now working under this program.

During the summer months we cooperated with the local office to mimeograph a small bulletin outlining the work of the Local District, giving its history and accomplishment to date as well as its aims. This bulletin was prepared and distributed to all the rural schools of the county as reference when the young folks study soils and conservation. Extra copies were distributed to the agricultural teachers, bankers and other interested parties.

At present we are cooperating with the District in preparing a very comprehensive study of our soil conditions and needs. This study is being prepared with an eye to the future. Anticipating that there may again be a time when government agencies will undertake programs to give work, we wish to be ready in case we are offered money or men for soil improving work. When the study is complete, we will know as never has been known before, approximately how many soil conserving dams are needed, how many acres of trees need to be planted, etc.

Fertilizers

Realizing that much of our good soil and plant food is already gone, either by erosion or by the feeding of plants, our next problem is one of returning to the soil all plant food possible. Much of the waste formerly common in this area through the burning of straw stacks, etc., has now been discontinued. However, our farmers are

still wasting thousands of dollars of plant food a year through mishandling of barnyard manure. At every opportunity we have continued to urge better practises along this line.

During the past years commercial fertilizer has come to be more and more accepted. Nevertheless, there are still those who are doubtful, or who like to see first hand the results. Consequently, we have continued to cooperate with several farmers in various types of fertilizer demonstrations. In our report a year ago we gave results of several demonstrations on small grains. Two of these plots were in new seeding in 1945 and we followed through to check the residual effect of the fertilizer on the hay. Below are listed these results, including results of a year ago on the grain. In each case we used 200 pounds of fertilizer that is designated.

Mark Schultz, Cylon

TREATMENT	YIELD		VALUE OF INC.		COST OF FERT.	NET PROFIT PER ACRE
	GRAIN	HAY	GRAIN	HAY		
Check	19.5 bu.	1100 lb.	---	---	---	---
0-20-20	32.6 bu.	4400 lb.	\$11.83	\$19.00	\$5.02	\$25.81

Henry DeMotts, Hammond

Check	29.2 bu.	2000 lb.	---	---	---	---
0-20-0	42.4 bu.	3650 lb.	11.71	9.50	2.74	18.47
0-20-10	49.2 bu.	4150 lb.	17.84	12.75	4.08	26.51
0-20-20	64.2 bu.	4850 lb.	31.68	17.50	5.02	44.16

A public field meeting was held at each of the above farms just before harvest at which several farmers had the opportunity to see first-hand the results and ask questions. Mr. C. J. Chapman, Soils Specialist from the State College, was present at each meeting.

In the last couple of years considerable interest has grown in a new type of fertilizer application, where the fertilizer is applied to the bottom of the furrow with a special attachment on the plow. Already a number of farmers have bought these attachments and are applying their fertilizer in this method.

On the page following will be found a table listing the results of three plots we conducted on corn this year. It will be noticed results are not too encouraging. However, this was a poor corn year and perhaps another year results would look better. State Fertilizer Authorities tell us there is no advantage in applying the usual one, two or three hundred pound application as a plow-sole treatment. Rather, this treatment should be made as usual and an additional 500 to 1,000 pounds per acre applied in the plow-sole method. The usual application is needed at seeding time to help the young plants get off to a good start, then as they approach maturity the roots will reach down to the fertilizer on the furrow bottom and take another spurt toward a heavier crop and earlier maturity.

PLOW-SOLE DEMONSTRATIONS
St. Croix Co.--1945

C. A. Friday, New Richmond--Sweet Corn
Fertilizer Applied

Plow Sole---800 lbs. of 8-8-8 per acre
Top Dress---100 lbs. of 3-12-12 per acre

TREATMENT	YIELD	INCREASE	FERT. COST	NET PROFIT PER
No Fertilizer	3610 lb.	---	---	\$31.77
Top Dress	7532 lb.	3922	\$ 2.00	64.26
Plow-Sole	6785 lb.	3175	17.60	42.55
Plow Sole & Top Dress	8184 lb.	4574	19.60	52.41

Henry DeMotts, Hammond--Hybrid Field Corn
Fertilizer Applied

Plow Sole---800 lbs. of 8-8-8 per acre
Top Dress---100 lbs. of 4-10-6 per acre

No Fertilizer	61.9 bu.	---	---	\$61.90
Top Dress	67.2 bu.	5.3	\$ 2.20	65.00
Plow-Sole	70.0 bu.	8.1	17.60	52.40
Plow Sole & Top Dress	77.3 bu.	15.4	19.80	57.50

Harry Hass, River Falls--Hybrid Seed Corn
Fertilizer Applied

Plow Sole---800 lbs. of 8-8-8 per acre
Top Dress---100 lbs. of 4-10-6 per acre

No Fertilizer	45.2 bu.	---	---	\$226.00
Top Dress	49.5 bu.	4.3	4.40	243.10
Plow Sole & Top Dress	62.9 bu.	17.7	22.00	292.50

These results do not allow for any residual effect there may be from the larger application of fertilizer. As they stand it would seem plow-sole application cannot be expected to bring increased cash returns, unless it is for a high cash value crop such as hybrid seed corn.

We also believe that the hybrid corn on a dry, shelled basis would show a greater difference in yields. In both cases the Top Dress and Plow-Sole plot, not only had larger ears, but had the ears better filled with larger, harder kernels. This was especially true with the field corn. In fact, we hung all the ears to dry after making the above computations and later will shell them to get the final actual yield.

CROPS

Between a sound dairy production program on the one hand, and a basic program of good soil management on the other, must come a well balanced cropping system. In fact a good cropping system must tie in directly with both soil management and dairy production. Any good soil management program must contain a carefully planned rotation of crops in order to conserve maximum soil fertility. Likewise, a sound dairy program must include the maximum use of home grown, high quality roughages and grains. Hit upon a program that most nearly satisfies both these programs and you have a sound cropping system.

During the year, in addition to giving suggestions and advice where possible about good crop rotations and practices in general, we have had opportunities to give special attention along several lines. Below will be found reports on these various activities.

Hays

Statistics show our county of late years has been swinging toward more cultivated crops, especially corn. This we have tried to discourage whenever possible, as our type of topography does not lend itself to such a system. In most areas of the county, farms must swing back to more hays and pastures to successfully maintain soil fertility.

Recently a new type of clover was introduced known as Ladino Clover. As yet the seed is scarce and the price is high. The crop, however, has been highly recommended from some sources, especially for pasture on land inclined to be wet. To be better able to answer anticipated questions about the crop, in 1944 we arranged to get one pound of seed from the state for experimentation. This was planted, along with Bromo Grass and Timothy, in a field on the John Doornink farm near Baldwin. In 1945 we were able to observe the results.

Half the field was pastured, and the other half cut for hay with the second crop pastured. The balance of the field, in addition to the small strip in Ladino, was an excellent stand of Red and Alsike Clover. The part pastured gave an abundance of feed. It was observed that the cattle kept the Ladino strip cropped almost to the roots while on each side the Red and Alsike stood six to ten inches high.

In the other section of the field it appeared the crop was not outstanding as hay because of its manner of growth. It grows like strawberries with the stems flat on the ground and only the leaf stems upright. Consequently, the bulk of the growth is below the cutting bar of the mower. When the cattle were turned in the second crop, which was all good, Mr. Doornink observed that within 20 minutes, 19 of the 22 cattle in the herd were concentrated on the two red wide strip containing the Ladino. These results make it appear Ladino may have a good place on some of our more moist soils as a good pasture crop.

Small Grain

At one time St. Croix County raised considerable wheat and barley. In recent years, especially since Vicland oats was introduced we have swung over to almost all oats.

This year we carried on some work which may point to a renewed interest in at least wheat. Two new wheats have been developed at our State Experiment Station by the same man who developed Vicland Oats—Henry, a spring wheat and Blackhawk a winter wheat.

In the spring of 1945 we brought into the county about sixty bushel of certified Henry seed. This along with some raised by Harry Hass of River Falls was distributed to fourteen farmers who grew it. These men kept detailed records and supplied them to us at the close of the season from which we compiled a county summary. On the page following will be found a table giving the results of this summary. It will be observed that results were quite satisfactory and that almost 1200 bushel of seed is available for distribution in our county for 1946.

This fall we brought into the county 25 bushel of certified Blackhawk wheat which was distributed along with that grown by two farmers, Harry Hass and John Ruemmele of Hudson, to several farmers. We hope to prepare a similar summary next season for this variety.

Corn

Hybrid seed corn is now very well accepted throughout the county. Our principle concern with this crop is first, of reducing the total acreage in the county and second, of encouraging use of earlier maturing strains. Twenty-five years ago we grew 35,000 acres of corn. By 1940 this had grown to about 50,000 acres. The last five years saw this jump to 74,000 acres. We feel our farmers should go back to about where they were in 1940 to guarantee a program which will conserve our precious soil fertility.

This year has been a good lesson, we hope, for those of our farmers who of late years have taken to growing later maturing corn. St. Croix County has always been in the 95 to 100 day corn belt, yet because of a few favorable seasons too many of our farmers have taken to growing 105 and 110 day strains.

Another factor dealing with corn which each year is demanding more attention is the European Corn Borer. Starting ten years ago in one or two of our Eastern Counties it has spread over 3/4 of the state. As yet, St. Croix County has not been hit. Again this summer I received several calls to examine corn fields believed damaged, but each case proved false. Yet, we can shortly expect trouble, and when that time comes we shall have a real problem of control on our hands.

DATA ON HENRY WHEAT PRODUCERS - ST. CROIX CO.

AMT. OF NEW SEEDING	CROP IN 1944	APPROX. DATE HARVESTED	GROWING DAYS	TOTAL ACREAGE	TOTAL YIELD IN BUSHEL	AV. YIELD PER ACRE	APPROX. NO. BU. FOR SALE
none	sudan pasture	Aug. 14	132	6	96	16	70
10 lb. alfalfa	Corn	Aug. 18	115	2	64	32	50
none	oats	Aug. 24	126	1 1/8	36	32	20
none	Corn	Aug. 15	110	3	53	17 1/2	30
none	Corn	Aug. 14	126	2	62	31	50
none	Corn	Aug. 22-23	134	20	775	38.7	600
10 lb. Alf. 3 lb. Cl & Tim.	potatoes	Sept. 1	143	1.8	65	35	50
10 lb. Alf. 8 lb. cl. & Tim.	oats	Aug. 8	132	5.5	120	22	100
none	Corn	Aug. 12	124	2.5	44	17.9	10
8 qts. Cl. & Tim.	Corn	Aug. 9	122	3	93	31	70
7# per A.	Corn	Aug. 4	127	1 1/4	40	32	25
none	Corn	Aug. 13	110	2 1/4	70	32.6	30
9# clover & Tim.	oats	Aug. 14	109	3 1/2	105	30	50
12# clover & Tim.	corn	Aug. 13	142	1	40	40	30
7 no new seeding	3 oats 9 corn 1 sudanP. 1 potatoes	Aug. 8-Sept. 1 Av. Aug. 15	109-143 Av. 127	55 acres total	1663 total	30.2 bu. Av.	1185

Apparently made little difference. However, fertilizer apparently paid—6 without fertilizer averaged 33 bushels per acre. Best yield was with 200 pounds per acre of 3-12-12.

1945 - DATA ON HENRY WHEAT PRODUCERS - ST. CROIX CO.

	RATE OF SEEDING PER ACRE	APPROX. DATE OF SEEDING	RATE OF FERT. PER ACRE	AMT. OF NEW SEEDING	CROP IN 1944	APPROX. DATE HARVESTED	GROWING DAYS	TOTAL ACREAGE	TOTAL YIELD IN BUSHEL	AV. YIELD PER ACRE	APPROX. NO. BU. FOR SALE
A. C. Kruschke New Richmond	1 3/4 bu.	April 4	none	none	sudan pasture	Aug. 14	132	6	96	16	70
Paul DeRoy Baldwin	2 bu.	April 25	250 lb.	10 lb. alfalfa	Corn	Aug. 18	115	2	64	32	50
Martin Teigen Glenwood City	1 1/2 bu.	April 20	150 lb.	none	oats	Aug. 24	126	1 1/8	36	32	20
Charles Hanson Baldwin	1 1/2 bu.	April 27	none	none	Corn	Aug. 15	110	3	53	17 1/2	30
J. R. McCarty Roberts	2 bu.	April 10	none	none	Corn	Aug. 14	126	2	62	31	50
Harry Hass River Falls	2 bu.	April 9-10	200 lb.	none	Corn	Aug. 22-23	134	20	775	38.7	600
Oscar Garlid Baldwin	1 1/2 bu.	April 10	275 lb.	10 lb. Alf. 3 lb. Cl & Tim	potatoes	Sept. 1	143	1.8	65	35	50
Otto Kreuziger Roberts	1 3/4 bu.	Mar. 29	none	10 lb. Alf. 5 lb. cl. & Tim.	oats	Aug. 8	132	5.5	120	22	100
Wm. Linehan Hudson	1 3/4 bu.	April 10	none	none	Corn	Aug. 12	124	2.5	44	17.9	10
Les Rearson River Falls	1 1/2 bu.	April 9	175 lb.	8 qts. Cl. & Tim.	Corn	Aug. 9	122	3	93	31	70
Delbert Afdahl Hammond	1 2/3 bu.	March 29	none	7# per A.	Corn	Aug. 4	127	1 1/4	40	32	25
Walter Sontag Stillwater	1 1/3 bu.	April 26	100 lb.	none	Corn	Aug. 13	110	2 1/4	70	32.6	30
Richard Krueger New Richmond	1 1/2 bu.	April 28	205 lb.	9# clover & Tim.	oats	Aug. 14	109	3 1/2	105	30	50
John Lokherst Baldwin	2 bu.	March 23	200 lb.	12# clover & Tim.	corn	Aug. 13	142	1	40	40	30
SUMMARY:	1 1/3 to 2 bu. Av. 1 3/4	Mar. 23-Apr 26 Av. Apr. 10	6 no fert. 100-275 lb. 200 lb. Av.	7 no new seeding	3 oats 9 corn 1 sudanP. 1 potatoes	Aug. 8-Sept. 1 Av. Aug. 15	109-143 Av. 127	55 acres total	1663 total	30.2 bu. Av.	1185

CONCLUSION: Amount of new seeding or crop grown previous year apparently made little difference. However, fertilizer apparently paid--6 without fertilizer averaged 22.7 bushel per acre--8 with fertilizer averaged 33 bushels per acre. Best yield was with 200 pounds per acre of 3-12-12.

Potatoes

In 1945 we made no effort to bring into the county certified seed potatoes. It appeared many farmers had their own seed as a result of the program the past two years. If it appears enough farmers will be interested this coming year, we shall again take orders.

Last spring, however, we held a series of meetings with Mr. Brahn of the State College on Potato Culture and Potato Diseases. We also had many calls for advice from farmers concerning control of disease throughout the year, particularly late Blight.

Weeds

A constant trouble-maker for the farmer in his cropping program is weeds. This year, as in past years, we have continued to handle Sodium Chlorate weed killer. In all, close to 1,000 pounds was distributed.

Considering the large amount of grain we raise, we have been lucky not to be plagued with larger infestations of Wild Mustard. We have scattered patches throughout the county which appear to be increasing each year. The heaviest infestation is in south Erin Township. Several farms in that area are completely covered. Last spring we received the cooperation of the Apple River Milling Company to put on two demonstrations on the control of Mustard with a new spray called Sinox. These demonstrations were on the George Cutler and Everett DeBeer farms. Because of wet weather the material was applied a little late and results were not 100% as expected. We learned, however, that the weed in that area is wild Radish rather than wild Mustard. Radish, it is claimed is even more troublesome than Mustard. Later in the summer a public field meeting was held with George Briggs of the State College and a large group of farmers viewed the demonstrations. Results, however, were encouraging enough so that a number of farmers in that area have pledged their share of funds toward buying or building a sprayer of their own. We expect to work closely with a Committee of these farmers in locating or building a suitable machine.

Fruit

Again this spring we put in a cooperative order for fruit trees from several farmers. As a result, several hundred more young trees were spread around the county. There is still need for many hundred more, however,

When the young trees arrived, farmers gathered at the Hubert Hartwick farm at Roberts and the William Kelm farm at Emerald where we put on planting demonstrations. We also held several demonstrations for pruning of adult trees. A large share of the apple trees now in the county of bearing age are not given an opportunity to do well because of lack of pruning and spraying.

OTHER LIVESTOCK

Although we are principally a dairying county we also have large members of other livestock; beef, hogs, sheep and poultry. We have had no extensive program with any of these except such work as was carried on through the 4-H clubs. We distributed hog worming compound to a few farmers and gave demonstrations to some others on culling of poultry. We also had the usual questions on feeding, housing, disease control, etc.

In the matter of sheep, the University of Wisconsin Ram truck again visited our county on October 10th. This yearly visit gives sheepmen of the county an opportunity to buy high quality purebred rams they might not otherwise have. This year 12 rams were purchased from the truck, the largest number ever purchased in our county. Following are the names of those buying rams.

Ronald Casey, New Richmond--2 rams
 Archie Hargrave, Roberts--1 ram
 Rudolph Prouse, New Richmond--1 ram
 John Salmon, New Richmond--1 ram
 W. G. Hall, Roberts--1 ram
 Victor Swenby, Baldwin--1 ram
 Snoeyenbos Brothers, Roberts--1 ram
 Lizzie Germain, New Richmond--1 ram
 Henry L'Allier, Somerset--1 ram
 Haulis Simon, New Richmond--1 ram
 Warren Wasson, Roberts--1 ram

Last summer our office had a large number of calls from farmers with sheep for help in finding someone to dip and drench the sheep. Mr. Merkt of Boardman was unable to go out this year because of a shortage of labor. After considerable effort, Mr. Niccum, Agricultural Teacher at the Baldwin High School, volunteered to take several days and render this service to sheepmen.

Early last spring we cooperated with Pierce County in sponsoring a large meeting at Spring Valley centering around meat production. Mr. Hall, Mr. Lacey and Mr. Bohstedt of the State College were on the program along with Mr. Olson of the Union Stock Yards Company, South St. Paul. About 200 farmers from the two counties attended the meeting.

WAR PROJECT ACTIVITIES

Again this year our office has been called on to devote much time to various "extra" activities in connection with the war effort. Earlier we described in detail our activities in connection with the Farm Labor Program. Below are described several others.

War Board

During the early part of the year the Agricultural War Board continued to meet every two weeks. For some months now the Board has been inactive and it is doubtful if it will ever be revived now that the fighting is over.

Veterans

Early last year your county agent was appointed by the Director of Selective Service as a member of the St. Croix County Re-employment Committee in connection with the local Selective Service Board. As yet our activities along this line have been very few, but may become larger as more men return from service.

Also last winter we held our organizational meeting for our Veterans Agricultural Advisory Committee. This Committee has a representative from every town. This Committee also has not as yet had much activity. It, too, may later find more responsibility and opportunity for service.

Milk Truck Conservation Program

Up until the final ending of hostilities, the St. Croix County Milk Truck Advisory Committee, of which your county agent was secretary, met regularly. It was this Committee's responsibility to advise the Office of Defense Transportation with regard to various problems of the trucking of milk. St. Croix County was one of the few counties in the state to put into effect a vigorous program of rerouting to conserve tires, gasoline and trucks. Our Committee was called on to advise with regards to requests to change routes, patrons or plants. Since the war's end this Committee also has not been functioning.

Office of Price Administration

Early in the year your county agent was appointed to the Community Service Panel of the local Price and Rationing Board. Several meetings of this Panel were held at various intervals which we attended when possible. Here again, we have a program which may not demand too much time in the future.

Milkweed Pod Collection

In our report of last year we gave preliminary report of this program. A total of 13,852 bags of pods were picked, almost three times our quota, to rank our county third in the state. The pods were stored at Roberts until mid-winter when the government took them off our hands to use in making life jackets. Because of the early termination of the war, the program was not promoted in 1945.

4-H CLUBS

4-H club work was one of the major problems selected by your Agriculture Committee to which we were to devote our time. It will be observed from the summary of activities that over 40% of our time was devoted to working with young folks. This is somewhat higher than might normally be the case. Because we had at one time or another three different assistants working on 4-H work, it was necessary that the county agent assume extra responsibility in order to hold the program together. On the other hand, we would never have been able to complete such a successful year if it had not been for the very fine assistance of Miss Sontag, Mrs. Nelson and Miss Heeth.

Membership

In 1944 our membership reached 408. Last fall we set a goal of 500 for 1945 with 650 projects. We went over the top in a big way, making 523 members and 840 projects. On the following page will be found a list of the projects with the number of members in each. It will be observed that the three most popular projects, clothing, dairy and garden make up well over 50% of the projects. The next three; foods, poultry and canning make up almost another 20%.

At the close of our year we found 375 of the members enrolled had successfully completed their project to give us a county achievement of 73% for 1945. This also was a good increase over 1944 when we had 67% achievement. These 375 achievement members, we found, had been in club work from one to nine years in the following proportions:

1st year---206	4th year---28	7th year---5
2nd year--- 72	5th year---11	8th year---8
3rd year--- 35	6th year--- 9	9th year---1

It will be observed that about 3/4 of the members were first and second year members, while only 34 members, less than 10% have been in more than four years. This indicates our biggest problem continues to be that of holding members in for longer than 1, 2 or 3 years. It has been our experience that it is not nearly as difficult to get new members as it is to hold the old ones. One of the ways we are trying to make the 4-H program interesting to the older members is through a well-rounded program of activities. These will be described in more detail later.

Clubs

In 1944 we had 26 organized clubs. We set a goal of 30 for 1945, and again went over the top to end up with 37 clubs and 46 local leaders. These leaders were helped by 29 junior leaders, which of course, is one of our projects. A year ago 7 of the 26 clubs had everyone of the members finish to give the club a 100% achievement certificate. This year that number was just double, or 14.

This year we gave each club a certificate containing from one to four gold seals. The seals represented: (1) 100% achievement,

(2) Good organization, (3) Program of work, and (4) Activities participation. As was mentioned above, 14 clubs received gold seals for 100% achievement. The following clubs received four gold seals each: Riverside, Willow River, Valley Victors, Challengers & Worthwhile.

We were asked by the Land O'Lakes Creameries to pick one club in the county as having done outstanding work, so that they might present the club with a banner bearing their name and mention their work over one of their regular radio programs. Of the five above mentioned clubs we selected the Riverside Club of New Richmond led by Mrs. Thomas Olsen. The club had 16 members, one being 16 years of age; two 15 years and all the rest younger. This club was a new club in 1944. Five of the members were selected as outstanding in the county in one or more fields. The club competed in every county activity except the Radio Speaking Contest. In demonstrations the clothing team received a blue ribbon and in the Music Festival their entry was rated excellent. At the fair the club received 17 blue ribbons and 11 red ribbons. For a relatively new club of young members, it was felt their work was outstanding.

On the following page we have listed all the clubs in the county giving the names of the adult leaders and Junior leaders. On a second sheet is a map of the county locating each of the clubs and indicating whether new this year or not. It will be observed that this year we had clubs in every township except two.

Activities

Leader's Banquet

As has been the custom for several years we again entertained the leaders of the clubs at a banquet last fall. At this time we elected officers for the leader's group and laid preliminary plans for the coming year. A similar occasion is planned for 1945 where we will again lay plans for the year ahead. It is hoped, also, that a better organized and more effective leader's organization can be developed, bringing in the 4-H Officers and junior leaders as well as the adults.

National 4-H Mobilization Week

The second week in March each year is usually proclaimed National 4-H Mobilization Week. This is the time when 4-H activities get started in earnest for coming year. Last spring we encouraged the clubs to put up displays in store windows, etc., telling of the 4-H program. Eight clubs took part and Roberts Reapers Club received first on their display; Challengers and Riverside tied for second; and Landing Hill and Somerset Busy Bees received third on their joint display.

Radio Speaking Contest

On May 18th we held at the Roberts High School our Annual Radio Speaking Contest. Eleven 4-H members took part. Each had to speak on some phase of safety in relation to the farm or home. Edith Hoffmeyer of the Challengers Club at River Falls placed first. As a result Edith represented our county in the District Contest at Chetek where she again won first. From there she went to Madison to the State Contest to represent Northwest Wisconsin. She also gave her talk at some half a dozen public gatherings in and about the county.

ST. CROIX CO. 4-H ADULT & JUNIOR LEADERS
1945

*Jr. Leaders

BALDWIN WIDE-A-WAKE:

Paul DeRoy

BUSY BEAVERS:

Mrs. Albert Sachsenmaier

CADY LANE:

Everett Hanson

Mrs. Art Matson

CHALLENGERS:

Mrs. A. B. Fuller

*Edith Hoffmeyer

*Bonita Fuller

*Kelma Fuller

CLARENDON:

Mrs. Gertrude Boardman

Mrs. Ray Simon

COUNTY LINE RUSTLERS:

Mrs. Clark McElfresh

Miss Hilda Soderquist

DEER PARK THUNDERBOLTS:

Mrs. Elvera Anderson

R. C. Walker

EDGEWOOD DIGGERS:

Mrs. Ben Felland

Mrs. Carl Thompson

Mrs. Oscar Rivard

FORWARD MARCHERS:

Mrs. Joe Chicilo

GLOBE TROTTERS:

Mrs. Andrew Maes

GLOVER ALL STARS

Bill J. Enloe, Jr.

GLOVER ALL STARLETS

Mrs. William Jensen

GREEN'S ROAD GANG:

Mrs. Ted Froehner

*Maxine Lindstrom

*Gerald Dahlke

HAMMOND:

Mrs. Fred Minks

HUDSON BADGERS:

Ralph Katner

*Margaret Cochran

*Mike Kinney

JEWETT TIGERS:

Evelyn Cochran

LANDING HILL:

Mrs. William Bergeron

Miss Doris Ostendorf

LONE PINE:

Mrs. Ed Voskuil

*Francis Dees

LOYALTY:

Mrs. Edna Larson

*Lucille Reik

*Delores Kildahl

*Eugene Larson

LUCKIE 4-H'ERS:

Miss Johanna Bosman

MANN VALLEY CHAMPIONS:

Mrs. Rollin Schweizer

Newton Pearson

PINE LAKE POLYWOGS:

Miss Bernice Bosman

PLAIN VIEW BEAVERS:

Miss Carmen Alms

RIVERSIDE:

Mrs. Thomas Olsen

*Hazel Olsen

*Rosella Strege

ROBERTS RIBBON REAPERS:

Mr. & Mrs. Edward Ritter

*Viola Jensen

*James Stouffer

*James Brown

*Elsie Hargrave

ROBERTS VICTORY:

George Fredericks

RUSH RIVER RUSHERS:

Mrs. Mike Erickson

*Richard Hanson

SOMERSET BUSY BEES:

Mrs. J. S. Plourde

SUMMIT:

Mrs. Ed. O'Neill

SUNNYSIDE:

Earl Simmelink

TROY TROJANS:

Mrs. Rosella Hendrickson

TRUL BLUES:

Mrs. Ruth Hop

*Eileen Voskuil

*Bernice Bosman

VALLEY VICTORS:

Mrs. Herman Afdahl

*Ardyce Afdahl

*Jean Owens

*David Afdahl

VICTORY 4-H'ERS:

Mrs. Percy Schuller

WILDCAT:

Mrs. Anna Solberg

*Robert Triebold

WILLOW RIVER:

Mr. & Mrs. L. Krampert

WORTHWHILE:

Mrs. P. C. Schafer

*Bill Schafer

*Betty Schafer

*Mary Jean Schafer

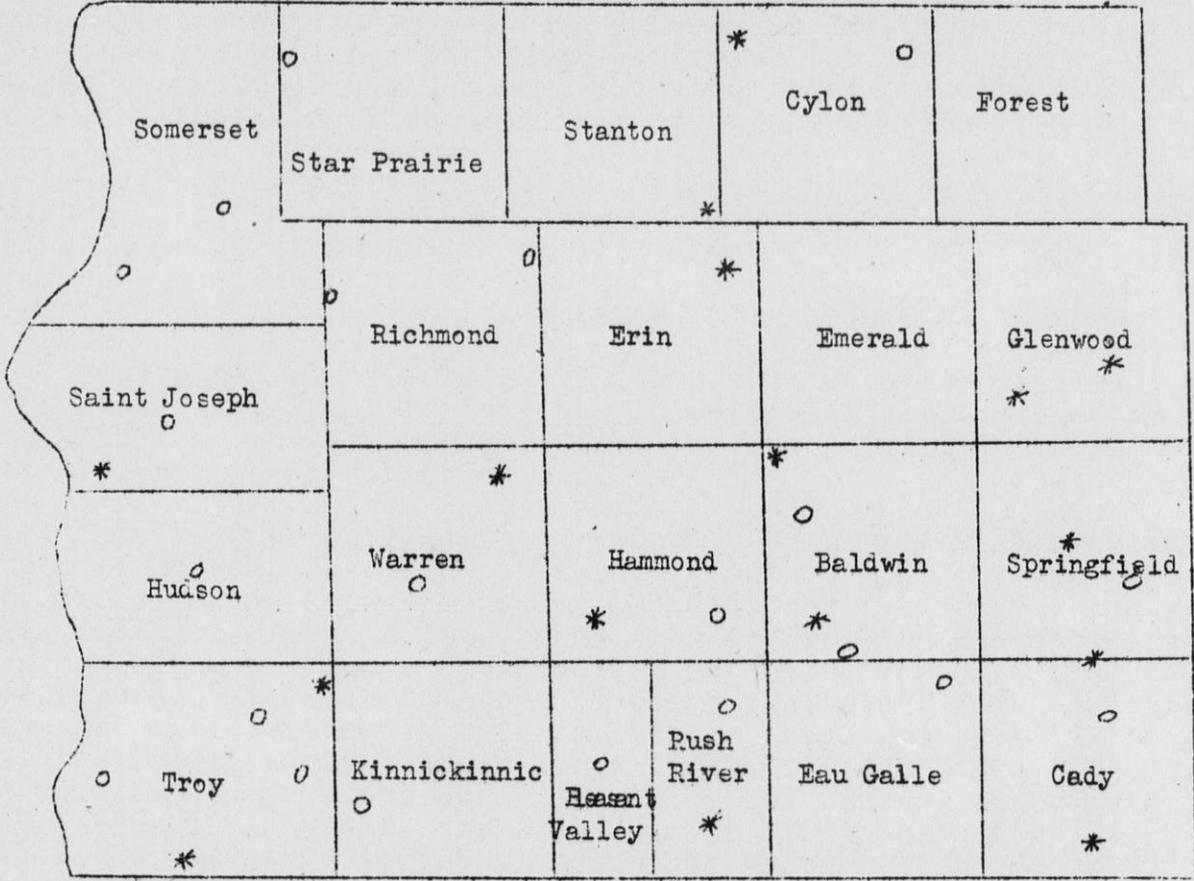
*Betty Sontag

*Lorraine Munkelwitz

*Robert Jagg

*Jeanette McPhetres

4-H CLUBS



ST. CROIX COUNTY

Location of clubs in 1945

- * New clubs--16
- o Old clubs--21

Total number of clubs----- 37
 Total enrollment-----523
 Boys enrolled-----251
 Girls enrolled-----272

On May 28th at Hammond we held our Annual 4-H Music Festival. Well over 300 people gathered to hear more than one hundred 4-H'ers competed for honors. One boy and two girls received excellent ratings in the solo contest—Richard Hanson, Rush River; Betty Sontag, Worthwhile; and Lucille Røik, Loyalty. The two girls were picked to represent our county at the District Camp at Chetek. On the basis of competition at the camp and at our Tri-County Camp, the above two girls along with Edith Hoffmeyer, Challengers and Eileen Voskuil, True Blues were selected to sing in the 4-H Chorus at the Northwestern Wisconsin Fair at Chippewa Falls.

In group competition the following clubs received excellent ratings on their entry: Challengers, Roberts Reapers, Hudson Badgers, Riverside, Cady Lane and Loyalty.

4-H Camps

Twelve 4-H club members and leaders attended the District 4-H Camp at Chetek, June 3rd to 5th. As mentioned above our entry in the Speaking Contest received first and our entries in music were selected for the District Chorus.

This year we revived the Tri-County Camp on Lake St. Croix south of Hudson, June 10th to 13th. About 60 boys and girls from St. Croix County attended and an equal number from Pierce and Pepin also attended. We had five folks with us from the State College, also one from the State Conservation Department and one from the Northern States Power Company. These folks, along with the personnel from the three Extension Offices, gave a large group of instructors and leaders to carry out our large program of education and recreation. In addition, our County Nurse was there for one day and carried out our 4-H Health Contest. William Schafer, Worthwhile Club, was picked as the healthiest boy and Dorothy Peterson, Hudson Badgers, and Colette Salmon, Jewett Tigers, tied as healthiest girl.

Picnic

Mr. V. V. Varney of the State 4-H Staff was with us for a day of recreation and relaxing on July 21st. It was the occasion of our Annual 4-H Picnic, held again this year at the City Park at New Richmond. About 200 members, parents, and leaders attended. In addition to a full program of games and a picnic dinner, Mr. Varney taught handicraft to those who were interested.

Demonstrations

In order to pick our winners for the District Contest at the Chippewa Fair, we had to have our 4-H demonstration contest early this year. It was held July 31st at the Hammond Community Hall and the following won firsts.

Richard Holden & John Graham, Roberts Ribbon Reapers---
 "Clean Milk Utensils"
 Maxine Orf & Rosella Strege, Riverside---"Pre-shrinking Materials"
 Dennis Kinney, Hudson Badgers---"Soldering Hints"
 Kelma Fuller, Challengers---"Bringing Beauty Out of the Dark"

Fairs

Fourteen 4-H'ers winners in Demonstrations, Music and Health Contest participated in the events at the Northwestern Wisconsin District Fair at Chippewa Falls, August 8th to 12th. Because there was no State Fair this year, all activities centered around the District Fairs.

On August 15th to 17th we held one of the largest and most successful Youth Fairs ever held in the county. Again we were granted use of the Village Hall, the high school, and the highway shops at Hammond. Because the increased enrollment and activities, our facilities were crowded almost to capacity. We had 143 head of cattle, 40 sheep, 175 poultry, 35 hogs and 4 horses crowded into the highway shop. In the Village Hall 62 boxes of garden produce, 120 baked goods displays, 170 clothing articles and 380 jars of canned goods, along with displays of all the other projects and the large school exhibits, filled the building to its utmost capacity. Twenty-five girls slept on cots in the high school and some 50 boys slept on the straw in with the livestock. The Ladies Aid of the Methodist church again served the group six fine meals while at the fair.

Everyone commented freely on the high quality of the youngsters exhibits. It was estimated close to 500 parents and members were on hand to watch the judging, and no serious differences over the placings has come to our attention. Below will be found a list of winners in the various classes.

Kenneth Frederick, Roberts; Champion Purebred Holstein Heifer
 Dorothy Reik, Woodville; Champion Guernsey Grade Senior Heifer
 Delores Linehan, Hudson; Champion Grade Brown Swiss Jr. Heifer
 Bill Schultz, River Falls; Grand Champion of Livestock &
 Champion Jersey Calf
 Mary Olson, Woodville; Grand Champion swine raiser
 Charles McElfresh, Somerset, Champion Breeding Lamb
 Lawrence Harer, Cylon; Champion Fat Lamb
 Lloyd Stork, Hammond; Champion Fat Stock
 Allan Owens, Hammond; Champion Fat Breeding Stock
 Melvin Hop, Baldwin; Champion two-year old colt
 Bill Schafer, Stillwater; Senior Showmanship
 Verlyn Benoy, Hudson; Junior Showmanship
 Patsy Fischer, River Falls; Beginners gardens
 Mary Jean Schafer, Stillwater; Older gardens
 Bob Jagg, Stillwater; Floral Arrangement
 Paul Casaw, Hudson; Handicraft
 Betty Lou Sontag, Stillwater; Style Queen
 Marilyn Kringle, New Richmond; Maxine Lindstrom, Hudson &
 Clara Belle Foster; Style Revue
 Bernice Bosman, Baldwin; Food Preservation & Clothing
 Mary Ann Austrun, Hammond; Food & Nutrition
 Valley Victors Club, Hammond; 4-H Parade
 Loyalty, Woodville; 4-H Club Herd

On the evening of judging day the 4-H was responsible for the program on the stand erected on Main Street. The program was delayed considerable in starting because of electrical failure. Nevertheless a crowd of over 700 parents and friends stood patiently for over two hours to witness the proceedings. The program consisted principally of interviewing the above mentioned winners, along with some musical numbers by several 4-H members.

Looking to the future, 4-H members and leaders, as well as we ourselves, are becoming seriously concerned over accommodations of the present facilities. We feel we can squeeze the exhibits in another year, but if the work continues to grow as we hope, in two or three years we know we cannot begin to house all the exhibits with present arrangements. It would seem that the county shall soon have to give consideration to making other facilities available. In other counties as well as our own, more and more interest in fairs is centering around the youth fair rather than the large County Fair with its big carnival, race track, etc. Several counties have undertaken to put up a small fair grounds especially for the youth. Notable among them is Eau Claire who only recently put up several fine buildings for this purpose.

In the Post-War period as we look toward a building and expansion program, it would seem that it would be well to keep in mind our youth and plan to set aside some funds for this important project.

Achievement

County Achievement Day, October 19th, brought to a fitting close a successful club year. In the weeks preceeding we had gathered in five meetings with leaders to go over record books and pick the outstanding members in the various projects. These folks were honored at the program that evening, many receiving suitable gold, silver and bronze pins and buttons. Following is a list of those so honored:

Foods & Nutrition--Bernice Bosman, Baldwin; True Blues
 Clothing--Bernice Bosman, Baldwin; True Blues
 Girl Junior Leadership--Betty Schafer, Stillwater; Worthwhile
 Home Improvement--Betty Schafer, Stillwater; Worthwhile
 Garden--Edith Olson, New Richmond; Riverside
 Mary Jean Schafer, Stillwater; Worthwhile
 Joyce Plourde, Somerset; Somerset Busy Bees
 Poultry--Mary Jean Schafer, Stillwater; Worthwhile
 Food Preservation--Mary Jean Schafer, Stillwater; Worthwhile
 Farm & Home Service--Edith Hoffmeyer, River Falls; Challengers
 Dairying--Hazel Olson, New Richmond; Riverside
 Jeanette McPhetres, Stillwater; Worthwhile
 Robert Orf, Hudson; Worthwhile
 Second Mile Report--Audrey Edwards, Baldwin; True Blues
 Colette Salmon, New Richmond; Jewett Tigers
 Keith Nelson, Baldwin; Baldwin-Wide-Awake
 Boy Junior Leadership--Bill Schafer, Stillwater; Worthwhile
 Soil Conservation--Eugene McPhetres, Stillwater; Worthwhile
 Safety--Richard Hanson, Baldwin; Rush River Rushers
 Home Grounds Beautification--Bob Jagg, Stillwater; Worthwhile
 Crops--Bill Schafer, Stillwater; Worthwhile
 Meat Animal--Bill Schafer, Stillwater; Worthwhile

We have already mentioned that our county achievement percentage was 73 and that 14 clubs finished with 100% achievement. It was encouraging to note the much improved quality of the various books turned in. This year they were graded into blue, red and white groups, with a 4th getting no designation. Stickers of the correct color were applied and the books returned to the members. This, we hope, will tend to further improve the quality another year.

Bruce L. Cartter, Rural Sociologist at the State College, was with us and gave a very inspirational talk on "Why 4-H Work". We also at this time distributed the checks for premiums won at the Youth Fair.

GENERAL

In addition to these larger fields of activity, there were a number of things we spent some time on which we feel should be classified "general". Following will be found an account of these activities.

Farm Census

1945 was the Federal Farm Census year. We, as chairman of the County Committee, had to be in a position to counsel with any of the various enumerators if need be. We spent two days attending school with the enumerators in order to be prepared for questions.

Results of the census have not yet been published, but preliminary reports indicate that St. Croix County has expanded considerable in all its agricultural fields. Farm numbers have dropped to slightly under 3,000, which size has increased from 139 to 148 acres per farm in the last five years. Cattle, hog and poultry numbers are also up.

Income Tax

We again helped out several farmers and farm groups with discussions on income taxes. This has also led to a growing interest on the part of farmers in keeping better records. The past year we distributed over 300 copies of the Farm Record Books developed at the State College to those who wanted a simple yet complete record.

Farm Institute

We again cooperated with Pierce County in putting on an Institute at River Falls College Auditorium. Over 350 farmers and their wives gathered to hear Asher Hobson, O.R. Zeasman, Rudy Froker of the State College and Walter Ebling from the State Department of Agriculture discuss some of the things the future may hold for the Wisconsin Farmer. Businessmen of River Falls showed their usual interest and good will by furnishing a free lunch to the group at noon. The next day in cooperation with Polk County a similar meeting was held at Clear Lake.

Machinery Caravan

On March 22nd over 800 farmers from the county crowded into the Baldwin High School Gym to see the University of Wisconsin Machinery Caravan. This was a display of over 100 labor-saving and safety devices for the farm and the farm home that toured to most of the counties in the state. Many favorable comments were received and lots of new ideas were born that day for our farmers. The businessmen of Baldwin cooperated by donating a large number of fine door prizes.

Farm Buildings

As mentioned before we had a series of meetings with Wm Roper of the Portland Cement Association centering around milk house construction and barn arrangement. Later Mr. Roper came back and we visited nine farms where he gave detailed suggestions on the remodeling of old buildings or the building of new.

We feel this field shall continue to grow in importance as more farmers start to think of more building in the future. It is highly important that they give considerable thought, not only to type of construction, but as to arrangement, both for labor and time saving and to meet possible future government regulations in connection with milk production.

Evergreens

Again this year we handled application blanks for those farmers who wanted to order Evergreen trees from the State Conservation Department. These trees are in addition to those brought in by the Soil Conservation Department and are used both for windbreaks and for forest plantings on land unsuited for crops. Perhaps 75,000 trees came in through orders handled by our office.

* * * * *

STATISTICS

Summary of activities: Nov. 1st, 1944 to Oct. 31st, 1945

Days devoted to Livestock Production-----	72
Days devoted to Crop Production-----	31
Days devoted to War Projects-----	38
Days devoted to Cooperation with other agencies-----	11½
Days devoted to Program planning and Conferences-----	58½
Days devoted to Farm Management-----	5½
Days devoted to Miscellaneous-----	11½
Days devoted to Marketing and Distribution-----	7
Days devoted to Conservation of National Resources-----	5
Days devoted to Farm Buildings and Equipment-----	4
Days devoted to Family and Community Life-----	12
Days devoted to Economic Problems-----	8
Days devoted to work with Adults-----	160
Days devoted to work with Youth-----	124
Total number of News Articles-----	66
Total number of different farms visited-----	163
Total number of farm visits-----	247
Total number of Telephone calls-----	3427
Total number of Office Calls-----	3297
Total number of Bulletins Distributed-----	4704
Total number of Personal Letters-----	3582
Total number of Circular Letters-----	9202
Total number of meetings held-----	139
Total attendance at Meetings-----	5981
Total number of miles traveled-----	9530

STATISTICS

Specialists who worked in St. Croix County in 1945

<u>Name</u>	<u>Title</u>	<u>Days in Co.</u>
Mrs. Grace R. Duffee	Home Econ. Dist. Superv.	9
George Briggs	Farm Crop Specialist	5
Gladys Stillman	Extension Nutritionist	5
Ben Rusy	Extension District Supervisor	5
C. J. Chapman	Soils Specialist	5
William Roper	Fieldman, Portland Cement Co.	5
T. L. Bewick	Asst. State 4-H Leader	4
J. E. Stallard	Dairy Husbandry Specialist	4
Everett Wallenfeldt	Dairy Industry Specialist	4
Helen Pearson	Clothing Specialist	3
A. J. Cramer	Dairy Husbandry Specialist	3
I. F. Hall	Farm Management Specialist	3
Asher Hobson	Agriculture Economist	2
O. R. Zeasman	Soil Conservation Specialist	2
Walter Ebling	State Dept. of Agriculture	2
Rudy Froker	Agriculture Economist	2
Agnes Hanson	Asst. State 4-H Leader	2
V. V. Varney	Asst. State 4-H Leader	2
Bruce Cartter	Rural Sociologist	2
John Brann	Asst. Prof. of Plant Pathology	2
R. E. Vaughan	Plant Disease Specialist	2
Dr. B. A. Beach	Veterinary Science Specialist	2
Roy Olson	Fieldman, Union Stockyard Co.	2
James Lacey	Sheep & Hog Specialist	2
Charles Brace	Fieldman, Holstein Assn.	1
Viggo Neilson	Food Specialist	1
Gwen Malum	Home Agt., Chippewa Co.	1
Mrs. Mary T. Nelson	Home Agt., Pierce Co.	1
H. G. Horne	Co. Agt., Chippewa Co.	1
H. G. Seyforth	Co. Agt., Pierce Co.	1
W. D. Bean	Co. Agt., Jackson Co.	1
Roy Harris	Dairy Husbandry Specialist	1
Art Collentine	Dairy Husbandry Specialist	1
Gus Bohstedt	Prof. of Animal Husbandry	1
Randall Swanson	Farm Safety Specialist	1
H. D. Bruhn	Farm Engineering Specialist	1
Gerald Annin	Poultry Husbandry Specialist	1
O. B. Combs	Horticulture Specialist	1
John Thomson	Botonist	1
L. E. Brackett	State Conservation Dept.	1
Harvey Weavers	State Dept. of Agriculture	1
	Total	96 days

COUNTY AGENT'S OFFICE FINANCIAL REPORT

Disbursements
Nov. 1, 1944 to Oct. 31, 1945

\$ 241.05	Office Supplies
88.36	Fuel
29.39	Lights
158.32	Telephone
218.00	Rent
182.15	Petty Cash
488.96	County Agt. Expense (Car Maintenance, Gas & Oil, Meals)
1000.00	Co. Agent's Salary
720.00	Clerk's Salary
105.74	Extra Help
435.27	Misc. (Supplies, news ad., maintenance of office machines, water, insurance, etc.)
<hr/> <hr/>	
\$3667.24	Total