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1946 ANNUAL  
NARRATIVE  
REPORT

AGRICULTURAL AGENT

ST. CROIX COUNTY WISCONSIN

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Compiled by  
OMER W. PECK  
Baldwin, Wisconsin

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1946

ANNUAL REPORT

OF

ST. CROIX COUNTY AGRICULTURAL AGENT

NOVEMBER 1, 1945 TO OCTOBER 31, 1946

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Omer W. Peck - County Agr'l. Agent

William B. Tarver - Ass't. County Agr'l. Agent

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AGRICULTURAL COMMITTEE

Walter Karnes, Spring Valley, Chm.

Nels E. Erickson, Hammond, Sec.  
Wm. Bergeron, Somerset

Ben Huenick, Emerald  
Ed. Miller, Boardman

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November 5, 1946

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

Gentlemen:

We are pleased to submit our fourth annual report to you. This has been another pleasant year of service to this county.

Following the table of contents will be found the Agricultural Extension Program as prepared and adopted by your Agricultural Committee for 1946. It will be observed from this report that most of the objectives have been reached.

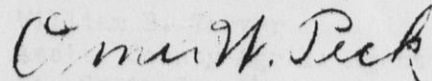
We, this year, had no Federal funds available for hiring a labor assistant. However, on May 1st, we hired a full time Assistant County Agent, Mr. Bill Tarver, recently discharged from the navy. His services were made available to the county at no cost, except that the county pay his expenses. He has collaborated in preparing this report.

On June 1st our Home Agent, Miss Hoeth, resigned, and we hired to fill her place, Miss Mary Ellen Tubbs. She will submit her own separate report.

We wish to again solicit your comments and suggestions. We always are ready to be of any assistance we can.

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 U.S.D.A. Council, the Vocational Agriculture teachers, the rural teachers, the 4-H Club leaders, and all others who have cooperated and helped make the 1946 Agricultural Extension Program successful.

Respectively submitted,



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



October 25, 1946

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

Gentlemen:

It gives me great pleasure to present my first annual report to you.

Since I arrived in St. Croix County, May 1, 1946, I have found my work very pleasant due to the hospitality of the local cooperators and the surrounding extension agents.

The first month that I was here was spent in getting acquainted with the various organizations and most of my time was spent with the D.H.I.A. and 4-H club work. Since then, I have spent most of my time on beef, swine and sheep and at the same time on artificial breeding. Next year I plan to spend about 75% of my time in organizing new 4-H clubs and improving our 4-H demonstrations. We plan to have 700 members by June 1, 1947.

I would appreciate any comments or suggestions and I am always willing to assist rural residents in any way possible.

I wish to thank everyone concerned for the fine cooperation in the various programs and I hope that I can be of assistance to you in the future.

Respectively submitted,

*William B. Tarver*

William B. Tarver  
Ass't. County Agr'l. Agent  
St. Croix County

TABLE OF CONTENTS

	<u>Page</u>
Tentative Program of Work -----	1
4-H Club Work -----	3
Membership -----	3
Activities -----	3
4-H Council -----	3
4-H Mobilization -----	4
Radio Speaking Contest -----	4
Music Festival -----	4
4-H Camps -----	4
Judging Demonstrations -----	5
County Picnic -----	5
Junior Livestock Show -----	5
County Fair -----	6
State Fair -----	6
Achievement -----	7
Outstanding Members -----	8
Soil Management -----	9
Soil Conservation -----	9
Fertilizer -----	9
Crops -----	9
Potatoes -----	9
New Grains -----	9
Corn Borer -----	10
Weeds -----	10
Fruit -----	11
Livestock -----	11
Dairy -----	11
Artificial Breeding -----	11
Cow Testing -----	11
Holstein Breeders -----	12
Dairy Marketing -----	12
Other Livestock -----	13
Sheep -----	13
Beef -----	13
Swine -----	14
Poultry -----	14
Rodent Control -----	15
Farmstead Planning -----	15
Grassland Field Day -----	16
Veterans -----	17
Financial Report -----	18
Statistics -----	18

## TENTATIVE PROGRAM OF WORK

1946 - St. Croix Co. Extension Office

## Major Problem - Dairy

- Phase of Work -
1. Dairy Herd Improvement Association
  2. Artificial breeding
  3. Quality Improvement
  4. Disease control
  5. Efficient production

- Goals
1. Expand D.H.I.A. program to 250 members.
  2. Organize Artificial Breeding Association with 2,000 cows.
  3. Encourage more and better milk houses.
  4. Encourage better milking practices.
  5. Educate farmers on latest disease control recommendations.
  6. Develop more and better 4-H projects.
  7. Assist on new and remodeled dairy barns.
  8. Encourage systematic culling to balance herds with home grown feed supplies.

## Major Problem-Youth

- Phase of Work -
1. Mainly 4-H, but also rural school, F.F.A. and older youth.

- Goals
1. 40 clubs.
  2. 600 members.
  3. 80% achievement.
  4. 800 projects.
  5. 4-H Club Leaders Council.
  6. Demonstrations - Speaking Contest - Music
  7. Other activities such as camps, fairs, etc.
  8. Carry out special program on poultry in River Falls area.

## Major Problem - Soil Management

- Phase of Work -
1. Soil Conservation
    - a. Education of youth
    - b. Farmer participation
    - c. Community consciousness of problem
  2. Fertilizers
    - a. Demonstrations
    - b. Education

- Goals
1. County wide meeting emphasizing soil conservation.
  2. Encourage and develop soil conservation as 4-H project.
  3. Discuss soil management at various farmer meetings.
  4. Cooperate with Soil Conservation District on:
    - a. Tours
    - b. Demonstrations (fertilizer and otherwise)
    - c. Educational meetings
  5. Fertilizer demonstrations, especially plow-sole.
  6. Work with rural schools on soil management.



Major Problem - Home Management

- Phase of Work -
1. Homemakers groups
  2. Food preservation projects
  3. Open meetings--Rural women

- Goals
1. 30 Homemaker groups.
  2. 450 women enrolled.
  3. Four organized centers.
  4. 100 pressure cookers checked.
  5. Organize more community canning projects.
  6. Wider coverage of Homemaker's problems in county papers.

Other Important Problems

1. Helping the returning veteran
  - a. Working with Veterans Agricultural Advisory Committee.
2. Farmstead planning and Landscaping
  - a. Working specifically with Homemaker Clubs.
  - b. Remodeling and building new buildings.
3. Poultry management
  - a. 4-H members in River Falls area.
  - b. Meet with hatchery men.
4. Farm labor assistance
5. Crop improvement
  - a. New varieties
  - b. Weed control
6. Sheep and hog development



4-H CLUB WORK

4-H club work has continued to occupy a major position in our activities during 1946. The year has been quite successful considering everything, though we didn't quite meet some of our goals. The County Agent, the Ass't. County Agent, and the Home Agent all devoted considerable time to the program. The Home Agent will cover her activities in her own report. This report covers the work of the County Agent and the Ass't. Agent.

Membership:

Immediately following will be found a list of the various projects carried by 4-H'ers in 1946. The 844 projects listed were carried by 504 members. Of this number, 369 successfully completed their year's work to give an achievement percentage of 73. This is exactly the same as last year. When we were forced to cancel our Youth Fair, we doubted if we would get even that high a percentage. The members have been in club work as follows:

1st. year --- 201	4th. year -- 33	7th. year --11
2nd. year ---- 142	5th. year -- 30	8th. year -- 4
3rd. year --- 70	6th. year -- 7	9th. year -- 6

These 504 members were members of thirty two different local clubs. Following is a list of the clubs and the various leaders, ass't. leaders and Jr. leaders. You also will find a map of the County on which we indicate the location of the various clubs. It will be noted clubs are found in nearly all parts of the county.

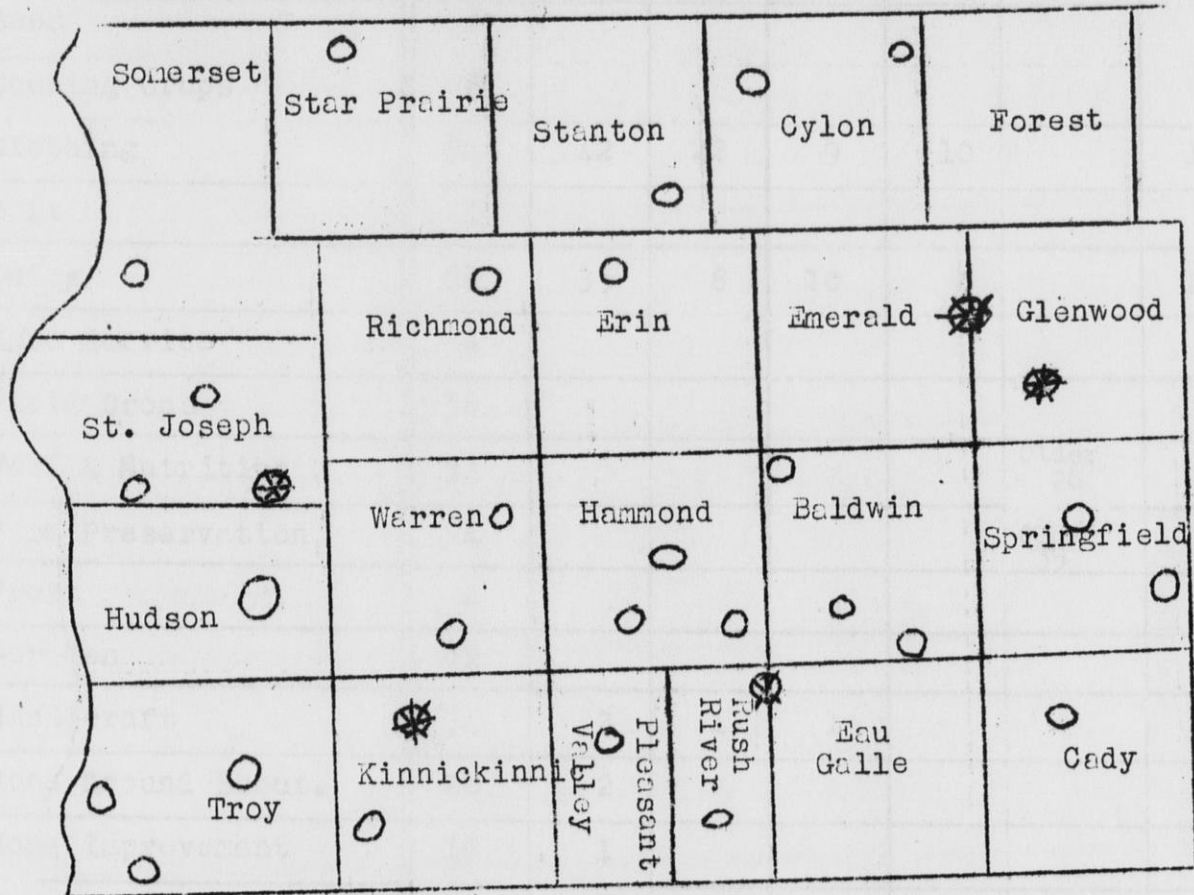
Activities:

Project work is today only a small part of a well rounded 4-H club program. In the long run, perhaps many 4-H members get more out of the various "activities" carried on within their local club, the County and the State, than they do out of the projects they carry. By participating in some or all of these various activities, they learn to talk for themselves, to think on their feet, to assume leadership, and to otherwise prepare themselves for taking their rightful place as citizens in the world of tomorrow. For this reason, and to make the program more interesting and appealing to rural young folks, we try to carry on a full program. These activities are described below.

4-H Council:

At the Leader Banquet last fall we laid the ground work for a new 4-H Council. The county was divided into four sections, and an adult leader, a Jr. leader and an officer from each section was picked to sit on the County Council. These twelve along with the past-president of the Council, make up a group of thirteen which function as a steering committee for 4-H work in the county. Although not yet in high gear, it is our hope to pass more responsibility for the County program, through this council, to the

# A.H. CLUBS



ST. CROIX COUNTY  
Location of Clubs in 1946

★ New Clubs 5  
○ Old Clubs 27

Total Number of Clubs -----32  
 Total Enrollment -----513  
 Boys Enrolled -----251  
 Girls Enrolled-----262





ST. CROIX CO. 4-H ADULT & JUNIOR LEADERS  
1946

\*\*Ass't. Leaders

\*Jr. Leaders

BALDWIN BADGERS:

Art Hanson

\*\*Mrs. Garlid

BALDWIN WIDE AWAKE:

Paul DeRoy

\*\*Keith Nelson

BURKHARDT WILLING WORKERS:

Betty & Billy Schafer

BUSY BEAVERS:

Clarence Sylla

\*\*Wm. Cowell

\*\*June Villman

\*\*Harold Brandt

CADY LANE:

Everett Hanson

CHALLENGERS:

Mrs. A.B. Fuller

\*\*Bonita & Kelma Fuller

\*\*Edith Hoffmeyer

COUNTY LINE RUSTLERS:

Mrs. C. W. Mc. Elfresh

\*Jeanne & Joyce Plourde

\*Eloris & Delton Raymond

\*Blair Dollery

\*Russell Brocker

EDGEWOOD DIGGERS:

Mrs. Ben Felland

\*\*Mrs. Carl Thompson

EMERALD 4-H:

Mrs. W.A. Schnitzler

\*\*Mrs. W.M. Schoenwetter

\*\*Noel Moe

\*Shirley Schnitzler

FRIENDSHIP:

Bonita Louis Fuller

GLOVER ALL-STARS:

Mrs. Wm. Jenson

\*Donald Jenson

GREEN'S ROAD GANG:

Mrs. Ted Froehner

\*Leona Dahlke

\*Maxine Lindstrom

HAPPY HOLLOW 4-H:

Harrie Sarinske

\*Glenn Dahl

\*Pauline Sachsenmair

HAMMOND 4-H:

Mrs. Fred Minks

HUDSON BADGERS:

Ralph Katner

\*\*Bob Kinney

\*\*Paul Casaw

\*\*Margaret Cochran

\*\*Dick Kinney

JEWETT TIGERS:

Mrs. Evelyn Wilbur

LANDING HILL:

Doris Ostendorf

\*\*Pearl Krumm

LOYALTY:

Mrs. Selmer Larson

\*\*Lucille Riek

\*\*Eugene Larson

\*Dorothy Riek

MANN VALLEY CHAMPIONS

Mrs. Rollin Schweizer

\*\*Mrs. Emmett Jensen

PINE LAKE POLYWOGS:

Mrs. Bernard Bosman

\*Bernice Bosman

RIVERSIDE:

Mrs. Thos. Olson

\*\*Mr. Wesley Sandman

\*Hazel & Edith Olson

\*Vivian Sandman

\*Rosella Strege

ROBERTS 4-H:

Paul Rundell

ROBERTS VICTORY:

Leon Stork

ROSE RIVER ROSSERS:

Mrs. Mike Ericksen

\*\*Richard Hanson

\*\*Marjorie Hanson

SUNNYSIDE 4-H:

Earl Simmelink

\*\*Francis Dees

THUNDERBOLTS:

Mrs. Harold Espe

\*\*Mrs. Wm. Thompson

\*\*Mrs. Lester Anderson

\*Vivian Hilyar

TROY TROJANS:

Ed Day

\*\*Mrs. Jake Rummele

\*Shirley Ryan

\*James Ruummele

TRUE BLUE:

Mrs. Ruth Hop

\*\*Mrs. Harold I. Olson

\*Mary Olson

\*Audrey Edwards & Eileen Voskuil

VALLEY VICTORS:

Mrs. Herman Afdahl

VICTORY 4-H'ERS:

Mrs. P.C. Schuller

WILLOW RIVER:

Mr. & Mrs. Lud Krampert

\*\*Mary C. Hennessey

WORTHVILLE:

Mrs. P.C. Schafer

\*Pat Dreschler & Betty Sontag

\*Mary Jean Schafer

\*Lorraine Munkelwitz

\*Jeannette Mc. Phetre



#### 4-H Council (continued):

(4)

members and leaders themselves. Bill Schafer of the Worthwhile club has been County President in 1946, and Peggy O'Connell of the Valley Victors club has been County Secretary.

#### 4-H Mobilization Work:

Many of our clubs again participated in 4-H Mobilization Week by putting various displays in store windows around the Co. The Pine Lake Polywogs of Baldwin received first place with their display.

#### Radio Speaking Contest:

Because of considerable additional interest in this contest we this year, held two district elimination contest, one at Woodville and one at Roberts, to pick out the best for the County contest held at Baldwin on May 9th. Sixteen 4-H members took part in the two district meetings. Winner of the County contest was Margaret Cockran of the Hudson Badgers. She then represented the county in the District contest, June 4th. where she placed second.

#### Music Festival:

In this contest we also found it necessary to hold two elimination contests, first one at New Richmond and the second one at Baldwin. The final contest, held at Hammond on May 27th, proved a very fine program. Several groups and individuals received excellent ratings, and two girls, Lucille Riek of Loyalty club and Maxine Lindstrom of Green's Road Gang, were picked to represent St. Croix County at the District meeting on June 4th. Here Lucille Riek was picked as one of forty from the whole State of Wisconsin to come to the State Fair and participate in the State 4-H chorus.

#### 4-H Camps:

Nine county members attended the District 4-H camp at Chetek, June 2 --5. Our entries in the various contests then did very well, as mentioned above. All who attended came back much enthused.

Our Tri-County camp at camp St. Croix, south of Hudson, June 9 to 12, proved to be not only larger, but more successful. More than fifty members from St. Croix County attended the camp.

Judging and Demonstration:

The judging and demonstration contests are a very important part of the club work. They help club members gain more knowledge of their projects, and also of projects carried by other members. Older people learn much about club work from demonstrations given in public.

This year we held both boys and girls demonstration contests. About fifteen demonstrations were given in the County Contest. The winners competed at the District Contest at Chippewa Falls and the winners there went to the State Fair. The boys placed third at the District Contest and the girls placed first. The girls team, composed of Mary Jean and Betty Schafer, was a "Blue Ribbon" winner at the State Fair.

A livestock judging contest was held at the County Farm and two boys were picked to represent the county at the State Fair. The boys were John Graham of Roberts and David Afdahl, Hammond and they placed in the higher 20% at the State Fair.

A number of our boys and girls entered the judging contests at the Eau Claire Fat Stock Show. Herbert Afdahl, Hammond, placed third in the individual contest and the F.F.A. team from New Richmond placed third in the team competition.

County Picnic:

A County 4-H picnic was held at New Richmond with about 140 boys and girls taking part. Our office sponsored the picnic and a basket lunch was served. Games, swimming, soft-ball, and handicraft was enjoyed by everyone.

The "polio" epidemic was responsible for the small attendance and we hope to have a much better attendance next year.

Junior Livestock Show:

Our county members again had the opportunity to exhibit their meat animals at the two Northwest District Livestock Shows.

The first one was held at Menomonie in August and we showed the champion ram, owned by Mary and Winnefred Olsen of Woodville. The girls also had several first placings in the various sheep classes.

The second District show was held at Eau Claire Sept. 30, Oct. 1 and 2. We had 22 fat stock entered. The steers sold for an average of 39¢, hogs 22¢ and sheep 20¢ per pound. Although, we didn't win much prize money, every member realized a good profit from their project. Livestock Shows of this type are very necessary and encouraging to 4-H club work.

Next year we plan to show more livestock at the District Shows. The feed shortage this year held our attendance down.



## County Fair:

(6)

Our County Fair was to be held August 13-14-15 but, due to the "polio" epidemic, the fair was cancelled.

In September we had permission from the county health authorities to hold four "community" shows in the county. The first show was held in Baldwin September 21 and this was followed by one in Glenwood City September 25, New Richmond September 28 and the last show was held at the Elk's Building in Hudson, Oct. 5.

The attendance was fair at these shows and about 50% of the members exhibited their projects which made a total of 254 exhibitors.

Our livestock exhibits were light because many members sold their stock when the fair was cancelled. Poultry shows were cancelled due to the presence of "New Castle" disease in the county.

The show at Hudson was held in connection with the Elk's Fall Festival and on Saturday evening part of the program was contributed by County 4-H members.

Next year we hope to have our usual County Fair. We believe that the Fair will greatly increase our achievement percentage. Our achievement was only 73% this year.

## State Fair:

This year the State Fair was back in all its glory. Carnival men, who had weathered the war by eating only two meals a day, had broad smiles on their faces when the throngs began to gather. Every one at the fair seemed to be happy to see each other and witness the post-war state celebration.

Two boys and seven girls accompanied by Bill Tarver and Mary Ellen Tubbs attended the fair from our county. David Afdahl and John Graham entered the livestock judging contest, Mary Jean and Betty Schaffer entered the demonstrations contest, Lucille Reik took part in the musical activities, Bernice Bosman and Marilyn Kringle were in the Dress Review, Ardyce Afdahl entered the canning judging contest and Clara Belle Foster was the County candidate for Dairy Queen.

The Schaffer sisters won a blue ribbon on their demonstration and everyone else placed fairly high in the activities which they represented.

We hope to have a boys demonstration team entered next year as an addition to the entries this year. Everyone agreed that the fair was very successful.

Achievement:

Our 4-H achievement program was held October 26, at New Richmond High School. Because of cancellation of the fair it was decided to put forth a little extra effort on the Achievement Program. In years past an evening program was held, but this year we decided on an all-day program with a noon day meal.

About 300 members, leaders and freinds sat down to the meal. Had it not been for the fine cooperation of various individuals and organizations in and around New Richmond the meal would never have been possible. Those making donations were:

- Reverend Orton
- Reverend Fenner
- New Richmond High School, Mr. Joielfe Principal
- Kiwanis Club
- Maple Island Farm
- Friday Canning Company
- St. Croix County Asylum
- Day Light Store
- Higgins Store
- Lindey's Food Store
- Kocians Market
- A & P Store
- Hoaschs Market
- Schultz Store
- J.C. Penny Store
- Central Lumber Company
- St. Croix Valley Dairy

During the day, and while arrangements were being made, various committees appointed by the 4-H Council functioned in carrying on the program. Chairmen of the various committees were as follows:

- General Meals Chairman. . . . . Mrs. Thomas Olson
- Physical Arrangements . . . . . Mr. Lud Krampert
- Decorations. . . . . Mrs. Noel Moe
- Food and Serving. . . . . Mrs. C. W. Mc.Elfresh
- Clean Up. . . . . Earl Simmelink
- Program . . . . . Mrs. Herman Afdahl
  - Games . . . . . Mary Jean Schafer
  - Music . . . . . Lucille Reik
  - Pageant . . . . . Mrs. Ralph Katner
  - Stunts. . . . . Peggy O'Connell

Mr. I. O. Hembre, County Agricultural Agent of Barron County, delivered a very fine message called "Whither - Bound". At this time we also made various awards won by several of the members.

On the following page will be found a list of the clubs, the number of members, and how many of them achieved.



ST. CROIX COUNTY 4-H CLUB STATISTICS

Township	Name of Club	Total Enr.	Total Ach.	Percent Ach.
Baldwin	Baldwin Badgers	8	8	100%
	Pine Lake Polywogs	6	6	100%
	Sunnyside	13	11	84%
	Loyalty	19	16	80%
Cady	Cady Lane	12	3	25%
Cylon	Deer Park Thunderbolts	20	12	60%
	Edgewood Diggers	8	7	87%
Emerald	Emerald Valley	25	16	60%
Erin	Jewett Tigers	11	10	91%
Glenwood	Happy Hollow	14	9	64%
Hammond	True Blues	10	10	100%
	Baldwin Wide-Awake	12	9	75%
	Hammond 4-H	6	0	0%
Hudson	Hudson Badgers	36	15	42%
	Individual	3	3	100%
Kinnickinnic	Challengers	30	30	100%
	Friendship	8	6	75%
Pleasant Valley	Valley Victors	17	17	100%
Richmond	Riverside	17	17	100%
Rush River	Rush River Rushers	15	12	80%
St. Joseph	Worthwhile	15	15	100%
	Greens Raod Gang	13	13	100%
	Burkhardt Willing Workers	8	8	100%
Somerset	Landing Hill	12	4	33%
Star Prairie	County Line Rustlers	22	19	90%
Stanton	Willow River	34	34	100%
Springfield	Busy Beavers	15	0	0%
Troy	Troy Trojans	10	10	100%
	Mann Valley Champions	12	12	100%
	Glover All Stars	18	18	100%
Warren	Roberts Ribbon Reapers	24	15	54%
	Roberts Victory	6	0	0%
TOTALS		504	369	73%

Outstanding Members:

(8)

For the third straight year, Bernice Bosman and Bill Schafer have been picked as outstanding girl and outstanding boy in St. Croix County. A brief description of their accomplishments follows:

Bernice Bosman

Bernice has completed eight years of club work. In 1944 she was picked as Outstanding girl, Poultry winner and Clothing winner in the County. In 1945 she was again picked Outstanding girl and Clothing winner as well as Foods and Nutrition winner. She also received a State Honor pin for her work in clothing projects. In 1946 she again was picked as Outstanding girl and clothing winner. All three years she has carried four or more projects doing well in all of them. For instance, in 1945 she walked off with seventeen blue ribbons at the County Fair.

In addition to her projects, she has been very active otherwise. In 1945 she organized and lead a new club in her home community of younger members. This year she carried on with this club with the help of her mother. This year she placed second second in the Radio Speaking contest, rated "very good" with a trio in the Music Festival, placed first in the Dress Review contest, first at both the County and the District demonstration contest, and placed among the top four in the Judging contest. Last spring she graduated from High School as Salutatorian of her class, and she has always taken a wide interest in school and church activities.

Bill Schaffer

Bill has completed nine years of club work. In 1944 he was picked as Outstanding boy and Meat animal winner. Last year he again got these two honors, plus crops winner and Outstanding Jr. Leader. This year he again captured all these honors except Meat animal.

Bill too has carried at least four projects for each of the past several years, doing excellent work in each. In 1944, he was picked as one of twelve or fourteen from Wisconsin to get a free trip to the National 4-H Club Congress at Chicago. This year he and his sister also organized a new club of younger members, acting as adult leaders.

In addition to his fine 4-H work, Bill has also been outstanding in F.F.A. This fall he received his American Farmers degree, and was State F.F.A. President in Minnesota, where he attended High School.



SOIL MANAGEMENT

In planning any agricultural program, one of the main phases for consideration must be soil management. After all, without good soil, it makes little difference what other good practices a farmer may adopt, he has two stripes against him from the start. Good soil must be the foundation of any permanent agriculture.

Soil Conservation:

Our office has continued to work closely with the local Soil Conservation Service. On Feb. 13, we cooperated in sponsoring Soil and Fertilizer Institute at New Richmond. Three outstanding speakers appeared on the program, attended by about 150 farmers.

On October 8, we again cooperated on a "terracing" demonstration. This demonstration was held on the Fred Scheele farm in the town of Baldwin. About 100 farmers witnessed the demonstration. Three different types of equipment each built one terrace during the afternoon. Terracing, though new, gives promise of becoming quite popular in St. Croix County.

Fertilizer:

The only thing done this year in the way of fertilizer demonstrations was to put on two with 8-8-8 fertilizer applied on the plow-sole. Results of these plots are to be found on a sheet immediately following. We continue, however, to council with farmers on fertilizer problems, and to make soil tests and recommendations.

CROPSPotatoes:

Our office cooperated with Pierce County and the River Falls Teachers College in putting in several variety plots on potatoes. At the same time we put in similar plots of small grain and soybeans. Just before harvest time on July 8, a Field Day was held at the plots to show the results. Over 100 farmers attended. Wako, again assisted several farmers in obtaining certified seed potatoes. About four ton of certified seed was brought in.

New Grains:

Some interest was shown this past season in some of the new "Black Hawk Winter Wheat". Consequently we brought in about seventy five (75) bushel of certified Black Hawk seed. Black Hawk is a new variety developed by the University of Wisconsin which, along with Henry, gives promise of making Wisconsin once more quite interested in wheat.

PLOW SOLE DEMONSTRATION  
St. Croix Co. - 1946

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 acre
No fertilizer	4672 lb.			\$ 39.25
Plow Sole only	4928 lb.	256 lb.	\$ 17.60	23.80
Plow Sole & Top Dress	6400 lb.	1728 lb.	19.60	39.16

Rosce Knipfel - Hammond - Field 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 Acre
No Fertilizer	21.5 bus.			\$ 26.50
Top Dressing	24.0 bus.	2.5	2.00	28.00
Plow Sole only	61.0 bus.	29.5	17.60	58.70
Top Dress & Plow Sole	64.0 bus.	32.5	19.60	60.40

In these demonstrations we found exactly opposite results. With the sweet corn it did not pay to apply the plow sole fertilizer. Where 3-12-12 was also top dressed yields were stepped up, but not enough to make it pay. Of course, this does not take in to consideration any residual effect of the fertilizer. This was fairly productive soil to begin with.

With the field corn, it definitely did pay. This happened to be very poor land, as can be seen by the yield. In fact, the shot in the hill of 3-12-12 did very little good. However, putting 8-8-8 in the furrow bottom put enough there to make a fairly decent crop of corn.



New Grains(continued):

At the present time we are taking orders for some of the new Forvic Oats. It appears we will get orders for close to 500 bushel. This too is a new variety developed at the University of Wis.

Corn Borer Control:

Since 1931 the corn borer has spread over most of the corn growing area of Wisconsin and adjoining states. The presence of the borer was noticed in our county in 1944 for the first time. The borer attacks both field and sweet corn. Small grains, potatoes, sorghum and hemp may also be attacked by the borer.

Corn will still remain one of the major crops in our area in spite of the corn borer; so farmers must learn to cope with this insect.

We noticed the presence of the borer in many fields this summer, however, the damage was small. Our office has recommended various methods of control but clean plowing has generally been emphasized. Other control methods include the use of fertilizer, good seed, weed control and proper planting.

On October 24 a plowing demonstration sponsored by the College of Agriculture, was held at Osceola, in Polk County. St. Croix, Pierce, Barron, Burnett, Dunn, Chippewa, Eau Claire, Rusk, Pepin and Washburn counties also participated in the demonstration.

The demonstration was given in the form of a contest. Only farmers were allowed to enter the contest and each farmer used his own machinery. A Polk county farmer won the contest with a plow fitted with large coulters and drag wires.

About 900 farmers attended the demonstration which proves that there is considerable interest in borer control in this area.

Weeds:

Considerable interest has been shown lately in the use of chemicals for weed control. We applied 2,4-D in a couple of demonstration plots this summer. Results were very satisfactory.

This spring we assisted three farmers in buying a large power sprayer. Equipped with a forty foot boom. They plan to use it for control of field mustard with a chemical called "synox". It may also be used for applying other chemicals in large areas.

By the use of chemicals, with good equipment, we hope that we can at last begin to make good progress in controlling weeds. In some areas of the state, County Highways Departments, Town Boards and farmers are building or buying small power sprayers to be used along roadsides, fence rows, in pastures and around farm buildings.

Fruit:

We again this year pooled orders for about fifteen farmers to bring into the County some high quality young fruit trees of the proper varieties. We also put on demonstrations for these and other farmers on young tree planting and pruning. Although, of minor importance on most farms, a farm orchard is one of the things that might go far toward making farming more profitable and enjoyable.

LIVESTOCKDairy:

Dairying is still the most important source of income for St. Croix County farmers. So it is natural that dairying should come in for a lot of consideration within our office. This year we have extended our efforts in several directions.

## Artificial Breeding

Last December we started educational work on artificial breeding of dairy cattle. In a series of five meetings we had present about seventy five farmers. As a result we organized the St. Croix Co. Breeder's Cooperative. Six farmers were appointed to the board of directors. They are:

Alfred Gregerson	---	Woodville
Wm. Heebink	-----	Baldwin
Roy Lindquist	-----	Baldwin
Archie Afdahl	-----	Hammond
Pete Feller	-----	Roberts
Harry Haas	-----	River Falls

Mr. Haas is President of the organization

On April 24, we started function with Mr. Ray Mousel as inseminator. Interest in the organization has continued to grow until as of November 1st. we had approximately 250 farmer members signed up to breed almost 4,000 cows. Because of this large interest, the Association will have to use two or three inseminators this winter.

The organization at present is offering service of only Holstein and Guernsey bulls. The bulls however, are of highest possible quality. Each is a proven sire of 400 lbs. of butterfat or better. The majority are over 500 lbs. Service is rendered seven days a week. Calls must be in by 10:00 A.M. to get service that day.

## Cow Testing Work

The St. Croix County D.H.I.A. organized in 1945 has continued to function, and has taken considerable of our time. It has been more or less a struggle to keep the membership up in this organization. Farmers do not seem to show the interest in cow testing work that should be evident in a county so predominately dairy as we are.



Cow Testing Week (continued):

(12)

At present about 115 farmers are members of the Association. About another 100 farmers are members of the Pierce - St. Croix D.H.I.A. located at Roberts.

Holstein Breeders

On November 1st. the County Holstein Breeders Association sponsored a Purebred Bull Sale. Thirteen bulls and two heifers were sold. These animals had been given to various F.F.A. boys around the County last April to grow and fit for this sale. Our office cooperated both last spring and this fall in helping to make the necessary arrangements. The sale averaged \$237.00, with the top animal, bred by the County Farm and fitted by Robert Rheinhardt of Woodville, bringing \$695.00.

Dairy Marketing

During the past six or eight months our office has been called on for considerable advice and guidance by Boards of Directors and members of various Cooperative Creameries in this area. At one time or other we have worked with five different Coops.

At first, main interest was in developing a uniform quality program between the plants. However, in recent weeks, and after visiting several large Coops. around the state, considerable interest has developed toward consolidation of the several plants into one organization. In all, eight separate Coop. creameries, in and near St. Croix County have indicated an interest in the merger. If all should go in, it would make an organization of about 4,000 farmers delivering almost one and one-half million pounds of milk a day.

Judging from trends and experiences in other parts of Wisconsin where other large organizations have been, or are being formed, this movement in St. Croix County is to be strongly encouraged. Private businesses engaged in the dairy business, are rapidly enlarging and strengthening their organizations. If the farmers organizations want to stay in the business, they too must get together and grow larger.



OTHER LIVESTOCK

Since we are one of the leading milk producing counties in the state, the population of meat animals is relatively small. Most of the fat-stock in the county is carried as 4-H projects, however, there are a few beef, swine and sheep raisers.

In the past year we have held several "fitting" demonstrations for the 4-H shows and fairs. The usual amount of advise was given on feeding, breeding, disease control and housing.

Hog breeding is being improved by many farmers and we are looking forward to having some very fine Durocs and Poland Chinas for showing purposes.

The county made a fine showing at the District Fat Livestock Show at Eau Claire. The 4-H boys and girls took four steers, eleven sheep and seven barrows to the show and realized a good profit on their projects.

Sheep:

One dipping and drenching outfit worked in the county this summer and took care of several flocks. Advice was given to sheep raisers by our office on worming, etc.

The University of Wisconsin Ram Truck visited the county and stopped at the farms of Ronald Casey, New Richmond and Victor Swenby, Baldwin. Eleven purebred rams were sold in the county which should greatly improve the breeding of the local flocks.

The value of a good flock of sheep as good farm property, in certain geographic locations, has not been forgotten. In Feb. we cooperated with Pierce Co. & the Wool Growers Assoc. in sponsoring and educational meeting at Spring Valley. About 200 farmers attended.

Beef:

Several purebred Angus and Hereford bulls were purchased by county beef breeders. The meat shortage conditions has prompted some breed improvement but production tends to dominate good breeding. Beef breeders in this area have no breed associations since the population of these animals is small.

Our office has cooperated with the local Agricultural Teachers in selecting some feeding stock but not much has been done in trying to buy beef animals for our 4-H members because of the high prices. We may try to buy some animals when the price levels out.

4-H Club members exhibited four steers at the District Livestock Show at Eau Claire. The steers sold for an average price of 39¢ per pound and these boys realized a good profit from their projects. This should encourage more beef projects next year.

Swine:

Hog breeders and producers in the county were beginning to dispense of their stock when the ceiling price was removed. Feed costs were too high and the price of hogs too low up to this point.

Several breeders purchased purebred boars and gilts this fall. Advice was given by this office on breeding and feeding.

Pig worming demonstrations were held and this year we were able to purchase plenty of worming compound in our own county. Most pigs were found to be affected by worms and showed increased gains after worming.

Most of the breeders realized good prices for purebred stock sold for breeding purposes.

Poultry:

Several poultry raisers purchased chicks this year and many farmers purchased 300 to 400 chicks from local and out of the state hatcheries.

Mr. G.E. Annin, from the College of Agriculture, gave a demonstration in the county on disease control. Our office carried out quite an extensive disease control program also. Three flocks in the county had poultry diseases which were definitely diagnosed as "New Castle" disease. The chicks affected were all purchased from out of state hatcheries.

This disease of poultry was new in this county and we did quite a lot of research on the various control measures. The flocks affected have been properly disposed of and the premises disinfected. Dr. H.H. Hoyt from the State College diagnosed two of the cases and the other case was diagnosed by the Minnesota State College.

As a result of this outbreak, all poultry shows were cancelled in Minnesota and Wisconsin. Several cases were found in Minnesota. The disease is very contagious and deadly. It affects chicks in the manner that "Polio" affects people and extensive control is necessary before the disease is safely eradicated.

Coccidiosis was widely spread in the county due to the lack of sanitation in the houses and yards. Many farmers raised chicks this year, and did not have ample housing for their flocks. This condition contributed to the spread of disease in the county. Several poultry flocks were handled by 4-H members with noticeable success.

About 30,000 turkeys were raised in the county but very few turkey raisers consulted our office for advice. Large profits were made by most turkey raisers due to the demand for poultry meat.



Considerable effort was spent last winter working with Mr. Seyforth of Pierce County, the River Falls Hatchery and Mr. Annin of the College of Agriculture in developing and intensive poultry program among 4-H and F.F.A. Poultry members around River Falls. We planned to develop a Poultry Show in that area, and hoped to award some worth-while awards to the members doing outstanding work. Mr. Annin spent two days in the County visiting rural schools in that area, discussing poultry problems with the seventh and eighth grades. However, after the outbreak of the "New-Castle" disease, these plans were broke down.

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#### RODENT CONTROL

A number of requests came to our office for rat poison. We usually recommended red squill and every one who used it reported very good results.

We received some sample cartons of "Anturat" and after using them no live rats were found where it was distributed.

We made some farm calls where we used "Cyanide Gas". Many dead rats were found about the premises. It could be recommended very highly where buildings have covered foundations or other places where rats can be gassed with little or no ventilation.

#### FARMSTEAD PLANNING

Last winter the Homemaker's Clubs decided to have a lesson on "Farmstead Planning and Landscaping". It was necessary that we give these lessons at the four center meetings. In addition, we were asked to come to several club meetings and farm homes to lead a discussion on the same subject, and to help individual farmers plan their own farm layouts.

In the years ahead, as building material becomes more plentiful, no doubt many new farm buildings are going to be built. Before they are built, it is imp :itive that thought be given to locating that building in the right place for maximum beauty and efficiency. It is also important that building arrangements and construction be well planned so that relatively new buildings will not need to be torn apart and remodelled in a few years, to meet the changing times. Consequently we thought these meetings were extremely timely.



SEVERAL THOUSAND FARMERS ATTENDED THE FIELD DAY

A crowd estimated close to 5,000 visited the Walter Karnes' farm at Spring Valley on June 21st. to witness the Grassland Field Day. Business men and farmers from Pierce, St. Croix, Dunn and Pepin Counties attended.

In addition to the large number of exhibits displayed by machinery dealers and hardware men, the crowd in the morning witnessed a demonstration on "pasture - renovation" and another on "healing over a gully". In the afternoon Dr. G. Bohstedt from the College of Agriculture at Madison, spoke on "What's Ahead in Grassland Farming". Following this George Briggs gave a demonstration on controlling weeds with 2, 4-D. The rest of the afternoon was taken up with demonstrations with the various types of haying equipment. The following machinery was demonstrated:

Lime truck with a spreader attachment  
2 tractors with field cultivators  
fertilizer spreader

The following machines demonstrated the operation of handling hay:

Ford buck rake  
Case baler  
I H C baler  
John Deere baler  
Gahl Forage harvester  
Case forage harvester  
Massey Harris forage harvester  
Fox forage harvester  
Hay crusher

In addition there were three forage blowers and an assortment of other machines such as; tractor mower, side delivery rake, forage wagon and other machines brought in by local dealers.

The above machines baled dry hay for storage in the barn and chopped green hay for grass silage. This was one of our most successful demonstrations for the year.

VETERANS

With the increased number of service men being discharged early this year, our county veteran activities increased accordingly.

About eighty veterans have been set up to meet the requirements of "On the Farm" training. This number is fairly high in relation to other counties in the state. We have four full time trainers, three Agricultural teachers with four trainees each, and several of the trainees are working with instructors in adjoining counties.

Our office has cooperated with the U.S.D.A. council in approving these applications and assisting the trainers with their work.

A schedule of training meetings was arranged by our office working with the State Extension service and the College of Agriculture. Speakers from the College have been present at monthly meetings and the schedule has been arranged for three or four months ahead.

We have also organized a Veterans Advisory Committee composed of one man from our office, one from the F.S.A., three farmers and two business men. This committee has met on several occasions to advise veterans as to the purchase value and purchase price of the county farms. This committee generally discouraged the purchase of high priced farms by young farmers and usually advised veterans to take "On the Farm" training as renters or co-owners. Training of this type prepares them for farming in the future when prices return to normal.

We hope to improve the education and learning of the farmers in the future through this type of program and we feel that this committee was important and successful.

COUNTY AGENT'S OFFICE FINANCIAL REPORT

Disbursements  
Nov. 1, 1945 to Oct. 31, 1946

	Co. Agent	Ass't. Co. Agent
County Agents Salary	\$1,166.70	
Clerks Salary	1,435.00	
Ass't. Clerks Salary	170.00	
Extra Help	207.90	
Rent	361.00	
Telephone	211.26	
Lights	10.50	
Fuel	37.44	
Petty Cash	155.78	
Miscellaneous	285.79	44.40
County Agents Expense (Car maintenance, Gas & Oil, Meals)	494.11	257.58
Office Supplies	265.66	
Equipment	121.77	
	<hr/> \$4,922.91	<hr/> 301.98
	301.98	
	<hr/> \$5,224.89	
Less State Aid on Clerks Salary	-1,020.00	
	<hr/> \$4,204.89	

STATISTICS

	Co. Agent	Ass't. Co. Agent
Program Planning & Conferences	62	17
Crop Production	49	20
Livestock Production	64	47
Conservation	15	2
Farm Management	6	4
Marketing	22	6
Farmstead & Building Planning	10	00
Miscellaneous	38	51
Days devoted to work with Adults	177	56
Days devoted to work with Youths	89	91
Total No. of News Articles	66	8
Total No. of different farms visited	152	186
Total No. of farm visits	241	233
Total No. of telephone calls	3115	105
Total No. of office callers	2801	156
Total No. of Bulletins distributed	3025	411
Total No. of personal letters	3309	140
Total No. of circular letters	10086	280
Total No. of meetings held	147	41
Total Attendance at meetings	6960	810
Total No. of miles traveled	11882	6292



STATISTICS

## Specialists who worked in St. Croix County in 1946

<u>Name</u>	<u>Title</u>	<u>Days in Co.</u>
Ben Rusy	Extension Dist. Supervisor	11
Mrs. Grace R. Duffey	Home Ec. Dist. Supervisor	11
George Werner	Dairy Specialist	6
Ike Hall	Farm Management Specialist	6
Gerald Annin	Poultry Specialist	6
George Briggs	Farm Crop Specialist	5
A.J. Cramer	Dairy Specialist	4
Helen Pearson	Clothing Specialist	44
Bruce Cartter	Rural Sociologist	3
B.R. Dugdale	Wis. Dairyman Assoc.	3
A.M. Jacobson	State Veterans Administration	3
E.H. Fisher	Entomology Specialist	2
James Lacey	Sheep & Hog Specialist	2
T. L. Bewick	Ass't. State 4-H Leader	2
H. Anderson	S.C.S. Forester	2
Randall Swanson	Agri'l. Engineering Specialist	2
F. V. Burcalow	Agronomy Specialist	2
Max LaRock	Agri'l. Engineering Specialist	2
Gladys Stillman	Extension Nutritionist	2
E.D. Holden	Ass't. Prof. of Agronomy	2
John Thompson	Botonist	2
Bill Weir	College of Agriculture	1
Wilbur Witte	State Dept. of Agri'l.	1
Dr. Hoydt	State Veterinarian	1
Helen Stetzer	Home Agent - Eau Claire	1
Carl Johnson	County Agri'l. Agent -Eau Claire	1
Mr. P.I. Higley	American Scientific Breeding	1
Henry Lunz	Seed & Weed Supervisor	1
A.J. Wojta	Soil & Agri'l. Engineering	1
Gus Bohstedt	Animal Husbandry Specialist	1
C. J. Chapman	Soil Specialist	1
Forest Turner	Instr. in Agronomy & Soils	1
I. Helmstader	Veterans Administration	1
Herb Knipfel	Bank of Coop's.	1
Joseph Elfner	Ass't. Prof. of Horticulture	1
Osburne Attoe	Soils Specialist	1
P.E. Mc.Nall	Agri'l. Economics Specialist	1
I.L. Baldwin	Dean of College of Agri'l.	1
May	River Falls College	1
J.E. Stallard	Dairy Specialist	1
Gertrude Hoffmann	Ext. Specialist in Home Furnishing	1
I.O. Hembre	County Agri'l. Agent -Barron	1
John Omernick	U.S. Treasury Dept.	1
Merrie Richards	State Dept. of Agril.	1
Tom Kelley	Soil Conservation Service	1

TOTAL

107