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DEC 2 1949

ANNUAL

NARRATIVE REPORT

OF THE

COUNTY AGRICULTURAL AGENT

IN

ST. CROIX COUNTY

1949

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ANNUAL REPORT

REPORT

Major Problem - Dairy
Phase of Work - 1. Dairy Farm Association
2. Agricultural Extension & better also extension
3. Dairy and livestock control program
4. Quality improvement
5. National Meeting and Production
6. Better dairy answers

Goals - 1. Increase D-I-L-A membership by 50.
2. Increase National Meeting membership by 50 and 1,000 cows.
3. Develop better and more dairy D-I-L-A projects
4. Encourage the holding of approved exhibitions
5. Four county-wide meetings on cattle diseases
6. Continue National work on the Township Dairy Control program in all 21 townships where the program is now in effect.
7. Encourage balanced feeding of dairy cows and calves, and a sound milking program.

Major Problem - Conservation of Natural Resources
Phase of Work - 1. Soil Management

Goals - 1. Cooperate with the S.O.C. staff - soil conservation
a. Educational work with youth
In line with the progress of putting on demonstration on soil conservation in 1/2 of the total county rural schools.
b. The S.O.C. courses, demonstrations, Educational meetings.
2. Conservation and handling of farmyard manure
3. Good crop rotations
4. Promote more grassland agriculture
5. Soil Conservation projects
6. Line and Commercial Fertilizers
7. F.V.A. projects
a. Soil conserving farms

Major Problem - Crops
Phase of Work - 1. Grains

2. Potatoes and legume storage crops
3. The clean planting demonstration for corn better control
4. Meetings with each crop grower
5. Fertility on small grain varieties, legume and grass seeding mixtures
6. Hold 15-20 meetings on grain varieties and alfalfa plots and pasture seedings and emergency hay crops
Maintain regular 4 and 5 year rotations.

1949 PROGRAM OF WORK
COUNTY AGENT, ST. CROIX COUNTY

Major Problem - Dairy

- Phase of Work -
1. Dairy Herd Improvement Association.
 2. Artificial Breeding & better sire selection.
 3. Bangs and mastitis control program.
 4. Quality Improvement.
 5. Efficient Feeding and Production.
 6. Better dairy calves.

- Goals -----
1. Increase D.H.I.A. memberships by 30.
 2. Increase Artificial Breeding memberships by 50 and 1,000 cows.
 3. Develop better and more dairy 4-H calf projects.
 4. Encourage the building of approved milkhouses.
 5. Four county-wide meetings on cattle diseases.
 6. Continue Educational work on the Township Bangs Control program in all 21 townships where the program is now in effect.
 7. Encourage balanced feeding of dairy cows and calves, and a sound culling program.

Major Problem - Conservation of Natural Resources.

- Phase of Work -
1. Soil Management.

- Goals -----
1. Cooperate with the S.C.S. staff.
 - a. Educational work with youth.
 - 1a. Assist with the progress of putting on demonstrations on Soil Conservation in $\frac{1}{2}$ of the total county rural schools.
 - b. Two S.O.S. Tours, Demonstrations, Educational meetings.
 2. Conserving and handling of barnyard manures.
 3. Good crop rotations.
 4. Promote more grassland agriculture.
 5. 4-H Soil Conservation Projects
 6. Lime and Commercial Fertilizers.
 7. T.V.A. project.
 - a. Six cooperating farmers.

Major Problem - Crops

- Phase of Work -
1. Grains.
 2. Pasture and Legume forage crops.
 3. Two clean plowing demonstrations for corn borer control.
 4. Meetings with cash crops growers.
 5. Publicity on small grain varieties, legume and grass seeding mixtures.
 6. Hold 15-20 meetings on grain varieties and alfalfa brome and pasture seedings and emergency hay crops. Maintain regular 4 and 5 year rotations.

1949 PROGRAM OF WORK (Cont.)

Major Problem - Weeds

Phase of Work - 1. Weed Control

- Goals -----
1. Hold Weed Commissioners' meeting.
 2. Use of fanning mills.
 3. Two Chemical weed control demonstrations.
 4. Two county-wide meetings on weed control.
 5. Clinics for constructing sprayers.
 6. County or Township owned sprayers.

Major Problem - Fruits.

Phase of Work - 1. Promote small fruit culture for family use, i.e. apples, cherries, plums, raspberries, strawberries & grapes.

- Goals -----
1. Conduct two schools, one at Baldwin, one at New Richmond, four meetings each with Specialist Conrad Kuehner.
 2. Two pruning demonstrations.

Major Problem - Insect and Rodent Control.

- Goals -----
1. Rat campaign.
 2. Spray demonstrations for corn-borer.
 3. Grasshopper program (if need arises).

Major Problem - Youth Education.

Phase of Work - 1. 4-H Club Work - other youth organizations.

- Goals -----
1. 650 members enrolled.
 2. 85% Achievement.
 3. One project first year members.
 4. Program of work for each club.
 5. All year club program.
 6. A demonstration from each club.
 7. 4-H camping trip - 4-H picnic.
 8. Judging and demonstration contest
 9. County Youth Fair.
 10. State Fair participation.
 11. Safety speaking and music contest.
 12. Project instruction.
 13. Achievement Day.
 14. Leaders Banquet
 15. Stress health and safety more.
 16. Have recreation labs.

4 - H CLUBS IN ST. CROIX COUNTY

SOMERSET	County Line Rustlers	Star Prairie All Stars	Deer Park Sunshine	Edgewood Diggers
	STAR PRAIRIE	STANTON	CYLON	Highland Forest
	Apple River Beavers	Riverside		Forest Rangers
WORTHWHILE ST. JOSEPH	Boardman Busy Bees	ERIN	Cylon Rustlers	GLENWOOD
	Springbrook	SHOOTING STARS	Dry Run Go Getters	Happy Helpers
	RICHMOND		EMERALD	Hilltoppers
			Busy Beavers	Happy Hollow
HUDSON	WARREN	HAMMOND	Pine Lake Polywogs	Broadview Badgers
	Roberts Ribbon Reapers	Baldwin Wide Awake	BALDWIN	SPRINGFIELD
		True Blues	Lone Pine	
TROY	Troy Trojans	PL. VALLEY	RUSH RIVER	Oakcreek
	Blover All Stars	KINNICKINNICK	Valley Victors	CADY
	Challengers		EAU GALLE	Plainview
	Mann Valley Champions		Lucky	Cady Pioneer

⊗ New Clubs 1949

Total 4-H Clubs	34
New Clubs	3
Total Boys Enrolled	300
Total Girls Enrolled	303
Total Membership	603
Total Adult Leaders	58
Total Junior Leaders	55

BOYS & GIRLS 4-H CLUB WORK

"Better Living For a Better World", was the theme for our club program in 1949. Being guided by this theme and the following goals, we hope that our club program was a success.

- Provide leadership for clubs and train that leadership to be effective as possible.
- Provide a plan of work within the county that will give local leaders direction in their work and a sense of confidence and pride in it.
- Provide a county-wide organization of leaders that will allow leaders to grow through participation, discussion and decision.
- Through the County Leaders Association provide help in common practices of carrying on club work, help in meeting common problems, and render personal help in places where inexperience and weakness in leadership point the need.
- Give to leaders and members an opportunity to attend events of county, state and national scope for this will provide a broadening influence and incentives.
- Share with other counties some of the methods and ideas that have been found effective.
- Acquaint parents, church organizations, businessmen's clubs, P.T. A's, and the public generally with the opportunities which club work offers the rural youth of their respective communities.

REORGANIZATION & ORGANIZING 4-H CLUBS

The re-organization of the old 4-H clubs, and organizing new ones is one of the most difficult parts of our 4-H club work. A subscription to the National 4-H Club News is given every club that reorganizes by January 1st. Twenty two of the clubs in the county had their election of officers, and program for the year planned by this time. Some clubs feel they haven't the time to carry on a full schedule of work during the winter and disband until spring. In reorganizing five of the clubs, new leaders had to be sought and help given these folks, as would be given a new club. Three clubs lost leaders and merged with near-by clubs.

Finding good 4-H leaders is often difficult as many folks feel they haven't the ability. Some are too busy and others are afraid to tackle it. It is suggested to the members that they find their own leaders if possible. They are more apt to select a leader who they will enjoy working with. Developing and training the good leader is a long time process that can only be achieved through years of experience and careful guidance and help from the extension agents, and the club members, and their parents.

Three new clubs were organized. One in Somerset, one in Star Prairie, the other in the Cady Lucas School District. During the first week of March eleven 4-H clubs participated in National 4-H Week by putting up window displays pertaining to club work. It was part of a program to acquaint the public with 4-H work and to increase enrollment. As a result of organization work, there were 34 clubs and 587 members by June 1st. A new club has already been organized this fall in the sunny slope school district north of Glenwood City. Miss Joan Draxler is the leader of the club.

1949 ST. CROIX COUNTY 4-H CLUB STATISTICS

Township	Name of Club	Total Enr.	Total Ach.	Percentage Ach.
Baldwin	Lone Pine	20	20	100
	Pine Lake Polywogs.....	14	14	100
Cylon	Deer Park Sunshine.....	10	10	100
	Edgewood Diggers.....	11	11	100
Emerald	Cylon Rustlers.....	13	9	69
	Busy Beavers	16	16	100
Cady	Oak Creek	11	4	36
	Plainview	9	9	100
	Cady Pioneers.....	10	0	0
Erin	Shooting Stars.....	9	8	89
	Dry Run Go Getters.....	8	8	100
Forest	Willing Workers	13	13	100
	Highlanding	11	11	100
Glenwood	Happy Hollow	19	19	100
	Hilltoppers.....	14	14	100
	Happy Helpers	12	12	100
Hammond	True Blues	37	37	100
	Baldwin Wide-Awake.....	23	23	100
Hudson	Hudson Badgers	18	12	67
Kinnickinnic	Challengers	22	22	100
Pleasant Valley	Valley Victors	16	16	100
Richmond	Springbrook	14	14	100
	Boardman Busy Bees	23	23	100
	Riverside	16	16	100

1949 ST. CROIX COUNTY 4-H CLUB STATISTICS (Cont.)

Township	Name of Club	Total Enr.	Total Ach.	Percentage Ach.
Rush River	Lucky.....	10	8	80
St. Joseph	Worthwhile	17	17	100
Star Prairie	Star Prairie All Stars 8		0	0
	County Line Rustlers..14		12	86
Somerset	Apple River Beavers ..48		27	56
Troy	Troy Trojans	20	20	100
	Glover All Stars.....	17	16	94
	Mann Valley Champions 24		24	100
Warren	Roberts Ribbon			
	Reapers	22	22	100
Springfield	Broadview Badgers....	19	19	100
Individual Members		7	3	43
Total		572	509	89

Several members moved away during the summer, accounting for the difference in members enrolled.

1949 ST. CROIX COUNTY 4-H ADULT LEADERS

BALDWIN WIDE AWAKE:

Mrs. Bert Holman
Mrs. J.H. Doornink
Mr. Arthur Hanson

BOARDMAN BUSY BEES:

Mr. & Mrs. William Relander
Mr. Joe Stefonic
Mrs. Williamson

BROADVIEW BADGERS:

Mrs. Charles McGee
Mr. Richard Gullickson

BUSY BEAVERS:

Mrs. Phil Lindquist

APPLE RIVER BEAVERS:

Mrs. J.S. Plourde
Jeanne Plourde

CADY PIONEERS:

Mrs. Paul Harmon

CHALLENGERS:

Mrs. A. B. Fuller

COUNTY LINE RUSTLERS:

Mrs. C. Dollery

CYLON RUSTLERS:

Mrs. Phillip Bauer

DRY RUN GO GETTERS:

Mr. Harry Van Keuren
Mary Katherine Hennessy

EDGEWOOD DIGGERS:

Mrs. Ben Felland
Mrs. Carl Thompson

FOREST RANGERS:

Mrs. Ed Kallsen

GLOVER ALL-STARS:

Mrs. William Jensen

HAPPY HELPERS:

Pauline Sachsenmaier

HAPPY HOLLOW:

Mr. & Mrs. Harrie Sarinske

HIGHLANDING:

Mr. Henry Lang, Sr.
Mrs. William Arndt

HILLTOPPERS:

Mr. & Mrs. Bob Luepke, Jr.

HUDSON BADGERS:

Paul Casau

LUCKY:

Mr. Roy Lindquist

MANN VALLEY CHAMPIONS:

Mrs. Emmett Jensen
Mrs. Severt Carlson

OAKCREEK:

Mr. Art Madsen

PINE LAKE POLYWOGS:

Mrs. Bernard Bosman
Mr. Art Holle

PLAINVIEW:

Mrs. Ernest Erb
Mrs. Emil Timm

RIVERSIDE:

Mrs. Thomas Olson
Mr. Wesley Sandmann

ROBERTS RIBBON REAPERS:

Mr. & Mrs. Paul Rundell

SHOOTING STARS:

Mrs. Louis Wokosin

SPRINGBROOK:

Mrs. Theodore Orf
Mr. Ed Ekstrom
Mrs. Louis Niedfeldt

TRUE BLUES:

Mrs. Ruth Hop
David Afdahl

TROY TROJANS:

Mr. Ed Day
Mrs. Jake Ruemmele

VALLEY VICTORS:

Mrs. Herman Afdahl

WORTHWHILE:

Mrs. P.C. Schafer
Wm. Schafer

STAR PRAIRIE ALL STARS:

Mr. Lester Giese

DEER PARK SUNSHINE:

Mrs. Lloyd Haugdahl

LONE PINE:

Mr. Earl Simmelink
Mrs. Ed Vandenberg

4-H PROJECTS

The basis of 4-H club work is the member's project. Each member, in order to belong to a club, must with the help of their parents and leaders, select a project. There are a total of 28 projects from which the member can choose. First year members, thirteen years of age or younger, can take only one project. After completing a year's requirement of work, members can take more as they wish, however members are requested to not enroll in more than four projects unless they are a member of outstanding ability. Members are given record books in which to keep complete records of their projects. Other booklets on their projects are given them, containing information and requirements of the project.

The following table shows the enrollment by projects:

	<u>1948</u>	<u>1949</u>
Beef Project	23	21
Bees	2	0
Canning Crops.....	9	9
Controlling Weeds	1	3
Field Crops	82	72
Dairy Project	157	169
Forestry.....	0	9
Fruit Project	0	1
Wild Life Management.....	0	3
Soil Conservation	5	5
Garden	78	72
Insect Study.....	1	3
Handicraft Project	71	70
Home Grounds Improvement.....	30	23
Pig Project	23	44
Potato Project	31	14
Poultry Project	34	55
Sheep Project	16	15
Using Electricity	8	17
Tractor Maintenance	0	26
Clothing	191	210
Food Preservation.....	64	83
Foods & Nutrition.....	118	125
Home Furnishings.....	15	24
School Lunch	7	8

4-H COUNCIL ASSIST IN PLANNING 4-H PROGRAM

The 4-H Council made up of four adult leaders, four Junior leaders, and four club officers from each of the four districts in the county, meet four times a year to plan the county club events. The group decides what club events should be stressed during the year, sets dates for these events, and acts on committees or appoints committees to make arrangement for them.

Ben George of the Worthwhile club is president of the council. Winnifred Olson, Pine Lake Polywogs, is secretary, and Marjorie Draxler, Hill-toppers, Vice president. Other members of the council are:

Hudson ----- Mrs. Emmet Jensen, River Falls, Wis.
Betty Schafer Anderson, Stillwater, Minn.

Baldwin ----- Mrs. Bert Holman, Baldwin, Wis.
Darlene Dumond, Hammond, Wis.

Glenwood ----- Mrs. Bob Luepke, Jr. Glenwood City, Wis.
Barbara Palowicz, Glenwood City, Wis.

New Richmond --- Mrs. Thomas Olson, New Richmond, Wis.
Ralph Bader, New Richmond, Wis.
Doris Niedfeldt, New Richmond, Wis.

The past president of the council, Pauline Sachsenmaier of Glenwood City, is also a member.

The 4-H leaders in each district inform their council representatives of any changes or additions they wish made in the club program. The council acts on them accordingly. One of the important resolutions passed stated that no member could win state or county honor trips for the same event more than twice.

Leader meetings are held four times a year in four cities of the county to give leaders help in project work, program planning, information of coming events, and help in recreation. It is hoped that the club program will meet the needs of all clubs and members. Through such a council and leaders organization all efforts are made to achieve this goal.

SPECIAL ACTIVITIES AND CONTEST A PART OF EVERY CLUB PROGRAM

In addition to regular project work, there are a number of special activities and contests for the ambitious club member. These activities are set up on a state basis where the county winners compete in district or state contests.

One hundred Seventy-Nine 4-H'ers Took Part In The Music Contest.

Music is a part of every 4-H Club. State and national song books are available for all members. In May, two district music festivals were held. One was held in Glenwood City, the other in Hudson. A junior division for members under 14 years of age was held at each district contest, as well as the senior division and an instrumental group. 4-H'ers could sing solos, duets, or in a group. Outstanding contestants were picked at each district contest and compete at a final event in Baldwin.

MUSIC CONTEST (Cont.)

Five vocal contestants were selected to compete in the Northwest district contest at the Chetek camp in June. The five were:

Bruce Meents, Challengers, River Falls
 Winnifred Olson, Pine Lake Polywogs, Baldwin
 Buddy Holle, Pine Lake Polywogs, Baldwin
 Eleanor Friedrich, Edgewood Diggers, Clear Lake
 Mary Louise Thompson, True Blue, Hammond

BRUCE MEENTS WAS SELECTED FOR STATE FAIR YOUTH CHORUS

in the tryouts at Chetek. 295 4-H'ers from all over the state tried out at various district contests for the chance of singing in the State Chorus. Bruce was one of the fifty to be selected.

LONE PINE 4-H CLUB DOES OUTSTANDING HEALTH & SAFETY WORK

Farm safety is one of the other special activities clubs can participate in. Farm safety inspection blanks are available for all members to check for safety and fire hazards on their farms or neighboring farms. The Lone Pine club of Woodville, under the leadership of Mrs. Ed Vandenberg, and Earl Simmelink, was selected in having the most outstanding health and safety program. Each member made a first aid kit, had water tested and made health and safety posters in addition to putting up a safety window display and giving health and safety talks.

JUDGING AND DEMONSTRATION CONTEST DAY HELD JULY 28

The Judging and demonstration contest has a decided tie up with project work. The judging contest is the judging of various animals, baked and canned goods, and garments by the members to see who has the ability to rate them correctly. The girls could judge canning, baked goods, or clothing, in addition to placing the articles, reasons had to be given for their placing. The boys judged four breeds of dairy animals, beef cattle, pigs and sheep. A district contest was held at the Chippewa Falls Fair for the dairy and foods winning contestants. The three boys and girls to win the honor of going to the district contest were:

Mary Ann Austrum, Valley Victors
 Mary Jean Schafer, Worthwhile
 Delores Arndt, Highlanding

Bill Schultz, Glover All Stars
 Dick Schultz, Glover All Stars
 Joe Walsh, Spring Brook

ST. CROIX AND PIERCE COUNTIES HAVE PICNIC AT RIVER FALLS

Eight hundred 4-H'ers from Pierce and St. Croix Counties attended a picnic, July 14, at River Falls. Mr. Varney of the State 4-H Office helped with entertainment and recreation. An Indian Challenge Program was held as the main event.

BILL SCHULTZ PLACED THIRD IN THE DISTRICT CONTEST

then took part in the state contest, where he placed first and was sent to the national contest at Waterloo, Iowa. This is the first year that county judging winners were not able to go directly to a State Fair Contest. 4-H activities have been reduced to a minimum at the State Fair and most of the judging has been eliminated.

4-H'ers are encouraged to give a demonstration on some phase of project work that they have learned in club work. Many members gave demonstrations at meetings, but sixteen gave them in the county contest. Bob Orf of the Worthwhile Club demonstrated the Care and Repair of Electric Cords and won the privilege of giving the demonstration at the State fair in Milwaukee. Bob won a second place rating at the State Fair.

Joanne Slater of the Troy Trojans placed first in the girls demonstration contest with a demonstration on making a sandwich loaf.

DRESS REVUE BIG EVENT FOR CLOTHING PROJECT MEMBERS

A dress revue for picking State Fair contestants was held at Baldwin the same day as the demonstration contest. Only girls fourteen years of age or older participated in this event. The two girls picked by the judge to represent St. Croix County in the state revue were Beverly Peterson, Hilltoppers, modeling a rayon best dress and Joanne Slater, Troy Trojans, modeling a taffeta best dress. Beverly placed third at the State and Joanne second.

Dress revues were a major part of the girls activities at the two fairs in the county. At these revues members competed in project year groups, that is, first year members were in one group, second year in another, etc. The true test of the garment made by a 4-H girl is how nice it looks on her.

PROJECT INSTRUCTION MEETINGS HELD FOR LEADERS AND MEMBERS

4-H leaders were invited to two homemaker project meetings held by the Home Agent. One on the use of Meats, the other on clothing. The methods taught are the same for the Homemakers as 4-H'ers are very often duplicated. With this tie up of the two programs, the mothers of 4-H'ers who are homemaker members are more able to understand their 4-H daughters.

Two project training meetings were held for women leaders unable to attend Homemaker leader meetings and for new leaders. A clear understanding of project requirements and method by the leaders is important if they want to be able to help members with projects.

Local project meetings were stressed more this year. It is felt that girls get more out of club work if special meetings on project instruction were held. The home agent offered to attend any club meeting to give any requested help. Forty-five 4-H meetings were attended and demonstrations and help given on project work. So often at the central leader meetings, only general help can be given, while at the local meetings, special projects and older members can be given help.

4-H'ERS ATTEND TWO CAMPS

Twenty-two 4-H'ers and leaders attended the Northwest district 4-H Leadership Camp at Chetek, June 1-4. Eighteen counties participated in this camp. The camp is directed by the State Club Office and County Extension Agents. It is a leadership training camp planned for the purpose of training leaders, Junior leaders, and older members for 4-H club work. The Home Agent was on the camp recreation committee. The committee was in charge of two classes on recreation. A general recreation period and evening recreation activities was also taken care of.

The Inter-County Camp was held at Hudson Camp St. Croix with Dunn, Pierce, and Pepin counties. St. Croix County had twenty-three club members attending the camp. This camp is a recreational type of camp. A great deal of time is spent in swimming instruction, nature and conservation study and handicraft. A special drama class was held at the camp to give members help in putting on plays in their clubs.

The Home Agent was in charge of recreation and handicraft activities of the camp in addition to helping with project instruction and music.

RECREATION BECOMES MAJOR ACTIVITY OF CLUB YEAR

The first recreation in the form of folk games and square dancing work was done at the 4-H leader meetings in June. It was carried into the camp program and met with such success that the council voted to have a county-wide recreation get-to-gether in July for older club members. One hundred seventy-five attended the get-to-gether and voted to have one each month. Four have been held and crowds of one hundred and fifty have attended each one. Folk games and square dances are taught by the Home Agent. A special State award of \$25 had been received to further recreational activities in the county. This has enabled us to purchase records for this type of recreation. Many local 4-H and adult clubs have been helped with similiar recreation meetings.

In April the Home Agent had the privilege of attending the Iduhapi recreation Laboratory for a week in Minnesota, one of the Recreation Schools in the country. Special courses were taken in doing leather craft and making leather craft tools in addition to learning the leading folk and square dance games and singing.

4-H Leaders attended a recreation clinic held in Spooner in May.

It is felt that good recreation has a vital part in the lives of our youth today. It is hoped that interest in club work can be kept in the lives of our older youth through these recreation get-to-gethers.

4-H'ERS REACH HIGHEST ACHIEVEMENT PERCENTAGE OF 89

The St. Croix County 4-H'ers reached the highest achievement percentage ever reached in St. Croix County before. It is also one of the highest records in the state. The annual achievement program was held Saturday, afternoon, October 29, in New Richmond. Achievement members received gold clover leaf pins for finishing their club work. In order to consider a member for achievement, they must have selected a project, completed it's requirements, hand in a record of the project, exhibit it at a public showing, and attend at least six club meetings. 25 clubs had every member achieve.

4-H ACHIEVEMENT (Cont.)

At the achievement program each club received certificates for recognition of their club achievement, organization, program and special activities. Mr. I. O. Hembre, State Soil Conservation Office, spoke to the group on club work. Slides taken during the summer were shown.

The outstanding members that received special recognition are as follows. In most cases, these same members had their records sent to the State office for State competition.

Junior leader, Girl -----	Mary Jean Schafer, Stillwater, Minn.
Junior Leader, Boy -----	Herbert Afdahl, Hammond, Wis.
Forestry Member -----	Georgie Bosman, Baldwin, Wis.
Dairy Members -----	Ben George, Stillwater, Minn.
	Duane Hanson, Baldwin, Wis.
	Richard Hagen, Glenwood City, Wis.
	Pete Vande Berg, Baldwin, Wis.
	Dwayne Carlson, River Falls, Wis.
	James Ruenmele, Hudson, Wis.
Handicraft -----	Richard Nehring, Baldwin, Wis.
Field Crops -----	Herbie Afdahl, Hammond, Wis.
Garden Members -----	Rita Rummele, Hudson, Wis.
	Joanne Slater, Hudson, Wis.
	Lloyd Bannink, Baldwin, Wis.
	Eleanor Frederick, Deer Park, Wis.
Home Grounds Improvement -----	Dale Vandenberg, Woodville, Wis.
Meat Animal Members -----	Bob Day, Hudson (Beef)
	Thomas Powers, Glenwood City, Wis. (Pig)
	Winnifred Olson, Baldwin, Wis. (Sheep)
Food Preservation -----	Marjorie Draxler, Glenwood City, Wis.
Frozen Foods -----	Colleen Gherty, Baldwin, Wis.
Home Furnishing Members -----	Betty Schafer Anderson, Stillwater, Minn.
	Eleanor Frederick, Clear Lake, Wis.
	Doris Niedfeldt, New Richmond, Wis.
	Winnifred Olson, Baldwin, Wis.
Recreation Members -----	Mary Jean Schafer, Stillwater, Minn.
	Pauline Schsenmaier, Glenwood City, Wis.
	Ardyce Afdahl, Hammond, Wis.
Poultry Members -----	Floyd Lindquist, Glenwood City, Wis.
	Ardyce Afdahl, Hammond, Wis.
	Donna Thompson, Deer Park, Wis.
	Alvin Johnson, Hammond, Wis.
	Louella Hammelman, Deer Park, Wis.
Tractor Maintenance -----	Jack Draxler, Glenwood City, Wis.
	Henry Lange, Clear Lake, Wis.
	Floyd Lindquist, Glenwood City, Wis.
	Arnold Zacharius, New Richmond, Wis.
	Joe Walsh, Hammond, Wis.
Electricity -----	Robert Orf, Hudson, Wis.
Clothing -----	Pauline Sachsenmaier, Glenwood City, Wis.
Dress Revue -----	Beverly Peterson, Glenwood City, Wis.
	Joanne Slater, Hudson, Wis.
Food and Nutrition -----	Edith Gorton, Glenwood City, Wis.
Dairy Foods Demonstration -----	Edith Gorton, Glenwood City, Wis.
Farm Safety Demonstration -----	Pauline Sachsenmaier, Glenwood City, Wis.
	Bruce Meents, River Falls, Wis.
	Dale Vandenberg, Woodville, Wis.

4-H ACHIEVEMENT (Cont.)

Winnifred Olson, member of the Pine Lake Elywogs of Baldwin, was named the outstanding club girl of the year. "Winnie" carried the clothing, home furnishings, swine, lamb, and Junior leader projects. Beside doing an outstanding job in each of these projects, she was very active in all county 4-H club events. "Winnie" is secretary of the county 4-H council. During all seven years of club work, "Winnie" has done an unusual amount of work with her projects and well deserves this honor of outstanding girl.

James Ruenmele, Hudson, Wisconsin, was picked the most outstanding 4-H boy for 1949. Jim is a member of the Troy Trojans Club of Hudson. His projects this year included dairying and three crop projects. Jim has had to do an extra amount of work this summer due to the loss of their barn in a tornado. In spite of it all, Jim came through with all his projects and has been helping in county wide events. Jim was one of the five members to graduate from club work this year.

Other members to graduate were: Clara Belle Foster, Lorraine Munkleivitz, Betty Schafer Anderson, and Ardyce Afdahl. These members have reached the age when they can no longer take part in club activities as members.

These members were picked for their outstanding work done and records kept.

PAULINE SACHSENMAIER ATTENDS NATIONAL CLUB CONGRESS

4-H'ers from all over the world meet at the National Club Congress in Chicago each December. Pauline Sachsenmaier of Glenwood City was one of the thirty-two 4-H'ers from Wisconsin to attend. She was selected for her outstanding club work.

WISCONSIN JUNIOR STATE FAIR ACTIVITIES

This year for the first time since 1942, St. Croix County sent a string of 4-H cattle to the State Fair at West Allis. These animals were selected in July by the County Agent and a committee of breeders. Four Holstein bull calves, and one Gurnsey heifer made up the string. These animals won six blue, one red and three white ribbons in their respective classes. In addition, Shirley Ekstrom, New Richmond, with her Junior Holstein heifer calf, won the award of top entry against eighty-nine other entries in that class. St. Croix County placed eleventh, out of twenty-eight entries, in the county herd class, and won eighteenth place in the barn exhibits.

INTER COUNTY YOUTH FAIR

This year again St. Croix County had two fairs. Seventeen 4-H clubs on the Western side of the county, under the name of the Inter-County Fair Association, held a two day fair at the St. Croix County Sales barn on the Nygard Farm. August 10 was entry day. Livestock entered included about 80 head of beef and dairy calves, 26 head of swine, 10 sheep and 37 crates of poultry. The display of garden vegetables, farm crops, grains and handicraft were large and of excellent quality. In the girls departments of baking, sewing, and canning the quality and numbers of exhibits exceed those of a year ago.

The night of opening day was given over to a program of 4-H talent, arranged entirely by the club members, leaders and officers of the fair association. Approximately 1,500 people were in attendance for the evening program.

The second day of the fair was given over to judging the entires, with a crowd of about 400 people watching the events. The three county extension agents assisted at the two day show wherever we could lend a helping hand. Again the planning and work of this group resulted in a show of high quality.

ST. CROIX COUNTY YOUTH FAIR - GLENWOOD CITY

The official county youth fair at Glenwood City, August 15-16-17, was a bigger and better fair then in 1948 and a huge success.

The County Extension Agents worked for four days prior to the opening of the show dressing up the exhibit buildings and barns for the fair. Again all buildings were filled to capacity. In the Junior livestock division, 105 head of dairy and beef calves were entered. The newly remodeled sheep and swine barns counted 30 head of pigs, 15 lambs, and 15 crates of poultry. The quality and number of garden exhibits were especially high this year, and the handicraft entries were excellent.

In the girls project work, a high degree of excellence was noted in the quality in the sewing, canning and baking departments and number of exhibits were large.

The first day of the fair was entry day, and the second day was devoted to judging all entries. Judges were state Extension men, and County and Home Agents from neighboring counties. That evening the program was made up of 4-H talent, composed of vocal, and instrumental numbers, a 4-H skit, a square dance number, and a style review by the girls modeling their project garments.

The last day of the fair was given over to special events. In the morning a Tractor Operators Contest was under the supervision of Summer Club Agent, Robert Halle. Ten or eleven 4-H boys entered this contest which consisted of harrowing a field over a staked course, belting up to a machine, backing up with a two wheeled trailer and etc. This was a new event and drew a couple of hundred spectators even though it was held in the morning.

In the afternoon a parade was held. Six floats constructed by 4-H clubs led the livestock parade which followed the course on the highway around the fair grounds.

ST. CROIX FAIR - GLENWOOD (Cont.)

The Extension Agents estimated that more than 10,00 people turned out for the three day show. The Extension staff is greatly indebted to the Fair officials, the Veteran Trainers of Agriculture, the 4-H leaders, and the County Agricultural Committee for their assistance and support in making for a highly successful fair.

NEW RICHMOND BUSINESSMENS "CALF CLUB" AWARD

Two years ago, the County Agent interested the businessmen in sponsoring this calf club award. Each year, at the County Fair, it is awarded to the boy or girl, who exhibits the best fitted animal at the show. It is open to all dairy project members whether they are showing purebred or grade animals. The award is a purebred heifer calf, out of a 400# butterfat dam or better. This year a purebred Gurnsey calf was selected by John Graham of the Roberts Ribbon Reaper Club, who was judged as having the best fitted calf in the show. Last year the award went to Raymond Guerking of Baldwin. Both years a grade animal was judged the winner.

PARTICIPANTS IN STATE FAIR

Other state fair participants were: Bill Schultz, River Falls, Livestock Judging, who topped the State in high scoring, and went on to Waterloo, Iowa for the National Contest. Jack Draeher, Glenwood City, a Blue Ribbon Winner and 5th in the State Tractor Operators contest (He later won first place award at the operators contest at Eau Claire Soil Conservation Field Day, sponsored by radio station W.E.A.U.). Robert Orf, Hudson, Wis. presented an Electrical Demonstration. Bruce Meentz, River Falls, State 4-H Chorus. Beverly Peterson, Glenwood City, State Dress Revue, 3rd place winner; and Joanne Slater, Hudson; second place winner in Dress Revue. We in the office and the whole county should be very proud of St. Croix County's 4-H members and their achievement in State-Wide competition.

JUNIOR LIVESTOCK SHOW

The Northwestern Junior Livestock Show was held at Eau Claire again this year. This is entirely a fat stock show, for beef, lambs, and barrows. We had 7 beef, 3 barrows and 2 lambs exhibited by St. Croix County 4-H and F.F.A. members. While St. Croix County Youth did not win top placing honors, never-the-less, we did win placings in all three classes of livestock.

The county agent was in charge of a section of the dormitories at the show, and with other county agents worked in the Swine division, keeping all events in order from entry day - to judging day- and finally through Auction Day.

4-H AND F.F.A. BULL SALE

The county agent was again requested to act as manager of the Bull Sale by the Holstein Breeders, and the Voc. Ag. Instructors. We were in charge of gathering the pedigree information, compiling the information for the sales catalog, hiring the printing, etc. for the 14 project bulls, plus 8 more animals consigned by the Holstein Breeders. We also read the pedigrees at the sale. Top animals sold for \$325. with an average sale price of \$249.30, for an average of \$23. less than in 1948. All animals averaged about a year of age, from 400# B.F. dams or better, all large enough for immediate service.

REPORT OF 4-H ACTIVITIES

June 1 - September 10

by

Robert H. Hails, 4-H Club Agent, St. Croix County

It was a very enjoyable summer working with the enthusiastic 4-H Club members of St. Croix County under the able guidance of Mrs. Earl Giezendanner, Home Agent, and Mr. E. E. Anderson, County Agricultural agent.

4-H CAMPS

Our county had twenty-one members and leaders at the 4-H Club Leadership Camp at Chetek. My job at this camp consisted of cabin councilor and arranging flag ceremonies for our county. This camp was unusually good for the development of the new 4-H Club Agent as well as the club members because many skills were developed that have been helpful in our county this summer. We made extensive use of the folk games at our county camp that we learned at the Chetek Camp. Use was made of the Handicraft skills learned at this camp which were used in our 4-H Camp at Hudson.

In short, this was a good review of the 4-H Club program, and refreshed in my mind the practices, skills, and information that I acquired as a 4-H Club member.

Twenty-four members attended the Hudson-Imer-County Camp. Helping with handicraft, cabin counciling, and selling candy were my main jobs at the camp.

The last day of the camp our county was in charge of a demonstration on how to demonstrate. Mrs. Giezendanner was in charge of the girls demonstrations and I had the job that I like demonstrating, on soil conservation, a demonstration that I used in 4-H Club contests.

The Soil Conservation Camp at La Crosse was of great interest to the members and myself. The only thing I regret is that we could not get more members to go to camp, because I feel that soil conservation is of prime importance. Many members were haying at the time of the camp.

LEADERS MEETINGS

At the four leaders meetings we emphasized the activities for the rest of the summer and recreational activities. The members and leaders seemed to like the recreational activities very well.

CLUB TOURS

Six Club Tours were attended throughout the summer period.

JULY ---- The four 4-H Club tours attended showed projects of high quality. The livestock were in top shape because the boys and girls were getting them ready for the fairs. The members had their gardens free from weeds and in spite of the dry weather, the garden crops were in good condition. I was very pleased to see how interested some of the members were in their soil conservation project, especially in the growing of seedling trees. Most of the boys had fine handicraft projects.

AUGUST ---- The club tours which were attended showed projects of good quality. The enthusiasm in home project work was shown at its height because the fair was a little over a week away. The boys had most of the fitting done on the animals because of the fitting schools held and of the personal help given many of the members. Many of the boys showed much interest in the handicraft project.

DEMONSTRATION MEETINGS

In the five calf, pig, and sheep fitting and showing demonstrations meetings, I emphasized feeding, grooming, showing, rope halter, and hoof trimming. The attendance and interest were better than expected. Between twenty-five and forty-five attended each meeting.

Fifteen local club meetings were attended at which the clubs were helped with any problem that they might have. Such as fitting calves, record books, demonstrations, making rope halters, and judging and feeding.

The 4-H Club Agent made a point to see as many 4-H Club Dairy projects as possible this summer. He saw seventy-two Dairy projects. All except one planned to show at the fair. These dairy members were given personal attention on fitting, showing, feeding, hoof trimming, and making of rope halters.

RECREATIONAL MEETINGS

Folk dancing was very popular with the older members of the county. Therefore, it was planned to hold a recreational get-together each month. A total of 355 members were present at the get-togethers.

The county 4-H picnic was held at the River Falls, Wisconsin, Park. Three hundred fifty members were present from St. Croix County. Recreation, handicraft, and Indian challenge program were the main parts of the program.

JUDGING AND DEMONSTRATIONS

Seventy-five people attended the Agriculture demonstrations. Five very good demonstrations were given on knot tying, use of a hammer, methods of producing quality milk, milk testing, and care of electric cords. Robert Orf had the winning demonstration on the care of electric cords.

Twenty-five members took part in the Dairy Judging Contest on the 28th of July. In the afternoon, twelve members took part in the Beef Stock Judging Contest. We thought that it would be a good plan to have a Beef Stock Judging Contest in our own county to give the boys some practice on judging.

Our judging team (Dairy) was taken to the district Contest, August 5. St. Croix County placed fifth at that contest. One of the boys, Bill Schultz, River Falls, Wis., placed third and went to the State Fair for the Judging Contest, where he placed first in the State.

FAIRS

About one hundred head of cattle were tested by the County for the fairs to insure a complete Bangs-Free exhibit at the fair. The swine exhibits were immunized for hog cholera, under the county program.

Two fairs were held this year. One at Hammond and one at Glenwood City. The fair at Hammond was conducted by the clubs on the western half of the county. We assisted them with their two day fair. The total attendance at the fair was about 2,000. Livestock project exhibits included eighty calves, twenty-six swine, ten sheep, thirty-seven crates of poultry, and many garden, crops, and handicraft exhibits. Exhibits at the three day fair at Glenwood City were 105 head of dairy and beef, thirty head of swine, fifteen head of lambs, fifteen crates of poultry, plus garden and handicraft articles.

Eight tractor demonstrations were given at the Glenwood City Fair. There is a lot to be learned by the demonstrations by the members and the public. One of the high lights of the fair was the Tractor Operators Contest. Not having seen a contest of this type before, I was quite concerned about the outcome and organization of it. But thanks to the outline from the State Office and the help of Bob Leupke, our tractor instructor, this contest was one of the highlights of the summer. Much interest was shown by the contestants and the spectators. I feel that there is a lot to be learned by the members and the public by the operators contest and the tractor demonstrations. The Implement dealers were very willing to give the prizes in the form of merchandise for the contest. Nine contestants drove in the contest. Jack Draxler was the winner and was sent to the State Fair, where he won a blue ribbon, and was fifth in the group.

Jack entered the Tractor Operators contest at the Soil Conservation Field Day near Eau Claire, September 9, where he placed first.

Safety was a prime concern; therefore, the area in the tractor contest was roped off. All people except the judges were kept outside of the ropes and the contestants were asked to turn off the motors before and after each operators contest.

SPECIAL MEETINGS

The USDA Council meetings were attended each month. Many questions of importance to the St. Croix County farmers were discussed. I feel that the meetings were of importance in forming the basis of extension work.

The Agricultural Committee meetings were attended. The policies of extension work were discussed.

ANNUAL REPORT OF COUNTY AGENT'S ACTIVITIES

November 1, 1948-October 31, 1949

AGRICULTURAL COMMITTEE MEETINGS

Meetings with the County Agricultural Committee have been held on the average of once a month during the past year. At such meetings questions of policy, phases of the Extension program and plans to carry out the project work have been developed. The members of the Agricultural Committee have the interest of St. Croix County Agriculture foremost in their minds, and the County Agent deeply appreciates their spirit of helpfulness and cooperation in working out the problems.

Three meetings of the Committee, Agents, and State Supervisors were held to adopt a program of work for 1950, to interview and hire a summer 4-H Agent for the county, and make up the 1950 budget.

At least two meetings were held with officials of the St. Croix County Free Fair to work out questions pertaining to the fair and to go over bills connected with the Fair.

Two meetings of the committee were called to discuss matters connected with the St. Croix County Soil Conservation District, with county personell and District S.C.S Supervisor, Pat Kaliher. Other meetings were held at which time the agents and committee members transacted routine business and checked monthly expenditures.

ST. CROIX COUNTY AGRICULTURAL COUNCIL

This Council, composed of representatives from the following agricultural agencies, has met every month throughout the year.

Vocational Agricultural Instructors
 Veteran Trainers
 Soils Conservation Service
 Farm Home Administration
 Agricultural Conservation Association
 Rural Electric Association
 Production Credit
 Agricultural Extension Service

T. O. Myren, Soil Conservation Service Farm Planner, is the new Chairman, County Agent, E. E. Anderson, continued as secretary.

One of the main functions of this committee is to pass on the qualification for the Farm Training Program. Most of them are accepted for training, but those whose farm layouts and scope of business is such that the requirements cannot be met, are rejected.

All questions of agricultural programs and plans for Field Days and Demonstrations are referred to the Committee for discussion. Much valuable help has been rendered the County Agent in his programs by members of this group.

TOWNSHIP BANGS PROGRAM

The participation by St. Croix County Dairymen in the Township Bangs Program has been very gratifying. It will be recalled that sixteen townships were approved on June 1, 1948, the other five townships were approved August 1, 1948. State funds were exhausted about November 1, 1948, and funds were not again available until April 1, 1949. Since the statistics quoted in this report are up to October 1, 1949, there were actually 11 months that the program was in operation in our county.

In the table below is outlined the scope of activities in the areas under each veterinarian's supervision, as reported by the veterinarians for the period of November 1, 1948 to September 30, 1949.

Name of Veterinarian	Townships Supervised	No. calves vaccinated	Cows Tested	Sus-pects	Re-actors
R.L. Rudesill	Pleasant Valley Rush River & Eau Galle	752*	1036*	31	69
H. Alme	Cylon	197	475	17	13
J.F. and E.J. Mack	Troy Kinnickinnic Hudson	650	1954	55	72
G. J. Jansen	Warren Hammond	689	812	27	73
W.M. Klein	Cady	253	317	4	24
G.J. Dean	Somerset, Stanton Star Prairie, Erin and Richmond	827	81	15	22
W.N. Peterson	St. Joseph	120	165	7	18
J.R. Berggren	Emerald and Baldwin	825	1004	25	20
C.H. Kreblne	Forest, Glen- wood, and Springfield	1200	300*	45*	30*

* Approximately

TOWNSHIP BANGS PROGRAM (Cont.)

Further information on the amount of work done in the County since the start of the program June 1, 1948 to October 1, 1949, was received from R. E. Watts, Assistant Chief, Wisconsin State Department of Livestock Sanitation, on October 20, 1949. This statistics are listed below.

295 herds tested, totaling 6,497 head.

147 herds re-tested, totaling 2,944 head.

Of 6,497 tested, 4.8% or about 312 head showed infection of Bangs disease.

7,548 calves vaccinated.

\$10,852.35 paid to the veterinarians for this work as listed above.

At all the winter extension meetings of 1948-49, the program was brought to the attention of the audience by the County Agent. A similiar plan will be followed at meetings this winter.

ARTIFICIAL BREEDING OF DAIRY CATTLE

The use of artificial breeding of dairy cattle has made tremendous gains in the past twelve months in the county. In 1948 the St. Croix County Breeders Cooperative bred a total of 5,450 cows, providing service for the entire county, being the only association operating in the county.

Late in 1948, a new breeding association, using semen from the Land-O-Lakes stud, was organized in Glenwood City as the Glenwood Herd Builders Association. This cooperative operates mostly in the townships of Eforest, Glenwood and Springfield, and in adjacent townships of Dunn County with one inseminator. This organization with 212 members, many of them former members of the St. Croix County Breeders Coop, bred approximately 1,300 cows in the past twelve months. Approximate figures put their membership in St. Croix County at 175 members, breeding about 1,200 to 1,300 cows in 1949.

The St. Croix Breeders Coop lost a number of patrons when the new cooperative was set up, but new farmers have come in so that membership has increased to about 900, up 100 members from 1948. Four inseminators still work out of the St. Croix County Breeding Association, providing breeding service all over the county.

This St. Croix Breeders Association bred 7,041 cows in 1949, and increase over 1948 of 1,591 cows. Thus the total number of cows bred artificially in 1949, in both associations, was over 8,200, a total increase of 2,800 cows over 1948.

Statistics indicate that St. Croix County farmers milk about 44,000 cows. With 8,200 bred artificially, it means about 18.5% of the total number of cows, serviced by this means.

The County Agent held four meetings in different parts of the county last year on the artificial insemination project, and discussed the problem at many other gatherings. The plan is to continue discussion in 1950. The Agent has met with the Board of Directors on the average of once a month.

ST. CROIX D.H.I.A. ASSOCIATION

O.S.-3	O.S.-3 STAR PRAIRIE	O.S.-1 S.-4 STANTON	O.S.-1 S.-3 CYLON	O.S.-10 FOREST
SOMERSET	H.I.R.-1 O.S.-1 RICHMOND	O.S.-3 S.-3 ERIN	O.S.-4 S.-3 EMERALD	O.S.-4 S.-4 GLENWOOD
O.S.-1 ST. JOSEPH	O.S.-7 H.I.R.-1 WARREN	O.S.-17 H.I.R.-1 S.-2 HAMMOND	S.-2 O.S.-9 BALDWIN	O.S.-7 SPRINGFIELD
HUDSON	O.S.-3 H.I.R.-2 S.-2 TROY	O.S.-4 S.-2 KINNICKINNIC VALLEY	H.I.R.-1 S.2 O.S.-3 PLEAS. RUSH RIVER	H.I.R.-3 O.S.-7 EAU GALLE
				H.I.R.-1 O.S.-1 CADY

H.I.R.-Herd Improvement Record O.S.-Owner Sampler S.-Standard

The St. Croix County Cow Testing Association has enjoyed a good year; in having the services of two excellent fieldmen, who have given the patrons good service and in finally retiring the debt.

Last November, fieldman, John Ball, was inducted into the Army, and was replaced by Tom Rosen, a young man from near Forest. Dave Afdahl, who started in September, 1948, is still with the Association.

Their operating statement as of October 31, 1949, shows assets of \$1,682.44; with assets over liabilities of \$579.43. The statement also shows that a total of 128 farm herds were on test in October, 37 Standard test herds, and 91 owner sampler herds. Total patrons have dropped from 131 a year ago to 128 as of November 1 this year.

The County Agent has discussed the advisability of testing cows at dozens of meetings in 1949, and especially when called on for a talk, at a rural school P.T.A. program, and has by these contacts, encouraged a few new patrons. Likewise, the fieldmen have found new patrons. Seemingly all that can be hoped for is to maintain a fairly constant level of membership, as there are always some men cancelling out.

ST. CROIX T.V.A. FARMER COOPERATORS
AND
GRAIN VARIETY PLOT COOPERATORS

SOMERSET * Clark McElfresh	STAR PRAIRIE	STANTON	CYLON	FOREST
ST. JOSEPH * Joe Stofenek	RICHMOND *** Ronald Casey	ERIN	EMERALD * P.L. Salmon & Son	GLENWOOD
HUDSON	WARREN	HAMMOND John H. Doornink ***	BALDWIN	SPRINGFIELD * *** David Rasmussen
TROY * Lawrence Klug	KINNICKINNIC	PLEAS VALLEY	RUSH RIVER	EAU GALLE * Norman Olson
				CADY

* T.V.A. Cooperators

*** Grain Variety Plot Cooperators
and Special Fertilizer Demonstrator

The T.V.A. program was continued in 1949 on the five farms that were in the program in 1948, and a new cooperator, Joe Stofenek, Boardman; was added to the group. A total of 160 acres were fertilized on the six farms this year. Only those fields that are to be seeded down are fertilized with the government phosphate. All farmers seeded alfalfa clover, grass mixtures. Fertilizer applications were heavy — 160# of 60% super phosphate and 200# of 50% muriate of potash per acre are average, which is approximately equivalent to 500# of an 0-20-20 fertilizer per acre. Contrary to the opinions held by many people, these heavy rates of fertilizer application do not burn the grain crops, but do insure fair to good healthy stands of clover and alfalfa seedings even in dry years, providing of course, there is sufficient lime in the soil. On the other hand, no appreciable differences are noted in grain yields from these heavy fertilizer applications, because the rainfall has been so deficient the past two years. See next page for yield data summary on 1949 grain yields on these six farms. This year again, because of the dry weather, no farmer meetings were held on these test demonstration farms because fertilizer in dry weather doesn't produce enough differences on grain to talk about, and the hay crops from the 1947 fertilizer applications were only fair. However, many neighbors of these demonstration farmers have noted results. The county agent and Assistant agent cut grain samples for yield data purposes on these farms.

T.V.A.
COMPARATIVE GRAIN YIELDS
WHOLE FARM DEMONSTRATIONS
St. Croix County, 1949

Name of Demonstrator	Field Letter	Kind of Grain Nurse Crop	Fertilizer Treatment		Yield Per Acre		
			N-Nitrogen	P-Phosphate	K-Potash	Grain Bu.	Straw Lbs.
Joe Stefonek	12	Clinton	Check			55.7	1927
			160 P			60.8	2183
			200 K			36.8	1028
			P & K			57.4	1707
	1	Clinton	Check			57.3	1908
			160 P			69.5	2513
			200 K			58.5	1632
			P & K			60.2	1743
Norman Olson	2	Ajax	160 P-			70.0	2348
			200 K				
		Clinton	Check			48.8	1853
			160 P			43.6	1541
			200 K			44.7	1560
			P & K			48.2	1872
David Rasmussen	9A 9B	Clinton	Check			44.7	1321
			160 P			32.6	1156
			160 P-			56.7	1671
			200 K				
Lawrence Klug	2	Barley & Oats	Check			1442 lbs.	1522
			160 P			1156 lbs.	1175
			P & K			1357 lbs.	1817
P. L. Salmon & Son	1	Clinton	Check			29.8	1285
			160 P			28.1	1395
			P & K			26.9	1671
	5	Henry	Check			19.8	2018
			200 P			19.3	1963
			P & K			25.7	2222
Chas. W. Mc Elfresh	14	Clinton	Check			36.1	1083
	14	Clinton	160 P			26.4	715

GRAIN VARIETY TRIALS AND
FERTILIZER EXPERIMENTS

On the same map indicated by *** are the farms on which grain variety trials were carried out, as well as the extensive fertilizer experiments. This data is listed on the following pages. The fertilizer plots were all seeded to alfalfa-brome mixtures and hay yields will be determined in 1950. In the table it will be noted that many different rates of fertilizer applications were made; ranging from no fertilizer - to 250# of 0-20-0; to 500# of 0-20-0 plus 100# of 34-0-0; and from 250# of 0-20-20 to 500# of 0-20-20 plus 100# of 34-0-0. (Note: Example: 3-12-18 fertilizer means 3# nitrogen, 12# phosphate and 18# potash per hundred pound bag -- that same order is always followed in fertilizer formulas). The county agent assisted these demonstrators at planting time in putting in the plots and cut yield samples when ripe.

VARIETY PLOT YIELDS

KIND OF GRAIN NURSE CROP	Ronald Casey New Richmond, Wis. (All trial plots ferti- lized at rate of 200# per acre.)		J.H. Doornink Baldwin, Wis. (All Trial plots ferti- lized at rate of 300# per acre.)		David Rasmussen Glenwood City, Wis. (All trial plots ferti- lized at rate of 500# per acre.)	
	Bu. per acre	Lbs. of straw.	Bu. per acre	Lbs. of straw	Bu. per acre	Lbs. of straw
Oderbrucker	19.9	1011	31.4	1872	27.9	1688
Forvic	38.9	1652	59.7	2403	52.7	1450
Henry	17.0	1743	16.2	1522	13.2	1047
Zephyr	33.2	845	43.6	1340	43	1285
Moore	19.9	1357	26.4	1302	27.5	1192
Mindo	39.5	1137	68.8	2348	41.3	992
Clinton	29.8	845	53.3	2203	52.8	1632
Vicland	41.9	1230	64.7	2331	47.5	1137
38 Barley	27.9	1817	32.1	2312	26.8	1615
Bonda	38.5	1266	55.1	2552	27.5	955
Andrew	46.4	1486	61.4	2166	51.0	1431

From these yield data, it is impossible to state which variety is best. Vicland has yielded well, but there is danger of "root rot" trouble. Ajax and Vanguard grown on many farms has yielded high in late years but there is always danger of loss by rusts, especially in wet years. Those varieties recommended by the University Agronomy Dept. and the County Agent are: Clinton, Bonda, Mindo and Andrew. All are stiff strawed, and have resistance to root rot and rusts.

NAME AND ADDRESS OF COOPERATOR AND SOIL TYPE	KIND OF GRAIN	TREATMENT AND HOW APPLIED	YIELD PER ACRE GRAIN	YIELD PER ACRE STRAW	BUSHELS INCREASE GRAIN	POUNDS INCREASE STRAW	VALUE OF INC. GRAIN & STRAW	COST OF FERTILIZER	NET PROFIT PER ACRE
J. H. Doornink Baldwin	Oats (Bonda)	250# 0-20-0D	55.7	2258	3.8	121	\$2.77	\$4.44	\$1.67
		250# 0-20-0D							
		100# Am.Nitr.B	53.9	2218	2.0	81	1.50	8.49	6.99
		500# 0-20-0 $\frac{1}{2}$ DD $\frac{1}{2}$ D	52.3	2037	.4	100	.01	8.88	8.87
		500# 0-20-0 $\frac{1}{2}$ DD $\frac{1}{2}$ D							
		100# Am.Nitr.B	56.1	2203	4.2	66	2.89	12.95	10.04
		250# 0-20-20D	59.2	2218	7.3	81	4.95	7.65	2.70
		250# 0-20-20D							
		100# Am.Nitr.B	49.2	2345	Yield of Grain Depressed				
		500# 0-20-20 $\frac{1}{2}$ DD $\frac{1}{2}$ D	58.5	2334	6.6	197	4.78	15.31	10.53
		500# 0-20-20 $\frac{1}{2}$ DD $\frac{1}{2}$ D							
		100# Am.Nitr.B	58.5	2477	6.6	340	5.14	19.36	14.22
		Av. of 3 Plots No Fertilizer			51.9	2137			

Ronald Casey New Richmond	Barley (Moore)	250# 0-20-0D	18.8	936	Yield Inconsistent				
		250# 0-20-0D							
		100# Am.Nitr.B	27.9	1519	.3	337	.37	8.49	8.86
		500# 0-20-0 $\frac{1}{2}$ DD $\frac{1}{2}$ D	37.8	2555	10.2	699	14.49	8.88	5.61
		500# 0-20-0 $\frac{1}{2}$ DD $\frac{1}{2}$ D							
		100# Am.Nitr.B	32.8	1872	5.2	16	6.54	12.93	6.39
		250# 0-20-20D	31.3	2114	3.7	258	5.26	7.65	2.39
		250# 0-20-20 D							
		100# Am. Nitr.B	37.8	2643	10.2	787	14.72	11.70	3.02
		500# 0-20-20 $\frac{1}{2}$ DD $\frac{1}{2}$ D	27.9	1707	.3	149	.00	15.31	15.31
500# 0-20-20 $\frac{1}{2}$ DD $\frac{1}{2}$ D	31.7	2422	4.1	566	6.54	19.36	12.82		
Av. of 3 Plots No Fertilizer			27.6	1856					

D - Drilled With Seed
DD - Drilled Deep Ahead of Seeding
B - Broadcast After Seeding
Oats Figured @ \$.65 per Bushel
Straw Figured @ \$5 per Ton

RURAL FIRE PROTECTION

This problem has long been in the minds of many of us, but was really pointed up to the Agricultural Committee and county agent after attending a half-day session on the subject at the University Farm & Home Week at Madison last February.

Several township and village officials of the county were interested and we arranged a meeting with W. Connell, representing the Bean High Pressure Fog type Fire Fighting equipment. As a result of interest at this meeting, a fire fighting demonstration was held early in May at Baldwin. Mr. David Rodli donated an old hog house for the demonstration. This building was filled with old scrap lumber, packing boxes, old tires and other inflammable material. Several gallons of destilate were dumped on this refuse and the fire was started. It was allowed to burn for two or three minutes until it was roaring hot. It took about 40 seconds to knock it down completely and blocked it thoroughly with this high pressure equipment. Again and again it was allowed to blaze up and get going, and anyone interested could handle the hoses and put it out. It was practically extinguished five or six times, but the tank on the fire engine was still half full, less than 250 gallons of water had been expended.

The town officials of Hammond and Baldwin townships were very interested in grouping together with a village unit to work out fire protection cooperatively. No action was taken until early in November. Then on the same day requests for more information on Rural Fire Fighting equipment came from a special committee of the Baldwin Booster Club, and the Kiwanis Club of New Richmond. Your county agent contacted Farm Safety Specialist, R. Swanson, of the U. of Wisconsin by phone and made arrangements for him to meet with both groups on November 7th.

Both groups were greatly interested in the material presented by Mr. Swanson, and no doubt, will take further action in the near future. At the Kiwanis' meeting, the town chairmen of Erin, Stanton, Star Prairie, Richmond and the village president of Star Prairie Village as well as the mayor and councilmen of the city of New Richmond were present as guests. All were interested in the possibilities of rural fire protection.

This type of Fire Fighting equipment has been purchased by many towns, villages and cities not too far from here. Among them are New Auburn in Chippewa county, Fairchild in Eau Claire county, Black River Falls, Oakdale and the city of Stevens Point. According to the information presented by Mr. Swanson, the success of these and other communities in putting out rural and city fires has been truly spectacular.

RAT CAMPAIGN

An enclosure with information on the rat killing, or baiting campaign, and directions how to secure the bait was sent out with each of the 3800 plowing circulars. About 125 farmers placed orders for bait and with the orders for Baldwin, Glenwood City, Deer Park and New Richmond 525 pounds were distributed. The bait is secured from the U.S. Dept. of the Interior. The killing agent is red squill. The county agent distributed bait to all elevators in the county.

CORN BORER

Corn Borer in the county was discovered on July 6th in alarming numbers. A meeting was planned that night on the Maynard Enloe farm in the town of Troy, Mr. Enloe calling the farmers together. The next night a meeting was held at Ronald Casey's and H.B. Olsen farms, and the following day at Baldwin on the J.H. Doornink farm and on the Sachsenmaier farm near Glenwood City. The call went out by telephone and radio. More than 500 farmers attended these meetings at which time the county agent discussed the procedure for making borer counts and outlined an airplane dusting program. An airplane dusting company from West Bend was called in, a chemical company sent a representative to supply the D.D.T., and a meeting was arranged so farmers could come in to contract for dusting.

A shortage of D.D.T., windy weather making airplane dusting impossible, and the head start which the borers had made before they were discovered, all worked against the program.

However, more than a 1,000 acres were dusted in the south western townships of the county. Several hundred acres of sweet corn were also dusted by Friday Canning Company plus some field corn for farmers in the New Richmond area. The cost was \$4.60 per acre. Many farmers participating feel results in killing borers were fair to good and that the ears hung on the stalks much better. Other farmers were dis-satisfied with results.

Clean Plowing Demonstration for Corn Borer Control

Since all farmers must plow their lands, and complete coverage of corn stalks and refuse will do much to prevent corn borer moths from emerging from the soil, four clean plowing demonstrations were set up. Because the county agent was completely tied up with other work at the time, these arrangements had to be made. The six veteran trainers of the county, M. Timmerman, A. Franko, R. Heebink, R. Wolf, W. Klenderman, and B. Donkersgoed made most of the arrangements with farmers and machinery dealers who financed the events. Demonstrations were held near Hudson, New Richmond, Baldwin and Glenwood City.

Here we demonstrated that notched coulters, jointers and drag wires in the furrows were all necessary if a complete job of covering corn stalks was to be accomplished. Also demonstrated at each meeting was a new high clearance (8 feet) sprayer for corn borer control, which could also be used as a weed sprayer or for grasshopper control.

The office sent out 3800 circulars announcing the demonstration to all rural box holders in the county. More than 600 farmers attended the demonstrations.

SWINE INDEXING PROGRAM

This is a new service provided for hog raisers of the county. The program hinges around the ear marking of all pigs in a litter, recording their weights at 154 days, and getting an index or value for all pigs in the litter. Thus it aids the farmer in selecting breeding stock from litters that have high livability, uniformness, and good rate of gain.

The weighing was done by the county agent. This year the College of Agriculture computed the indexes on the weight records of the litter. The cost is small - \$2.00 for a life time membership, plus an average of 50¢ per litter. Five farmers joined this year with 25 litters in the program.

FARM INSTITUTES AND SPECIALIST MEETINGS

Page 40

The past winter we again used specialists from the College of Agriculture, at Farm Institute meetings, following our program of work. Brief comments are offered on each event.

A series of eight fruit meetings, with Conrad Kuehner, Fruit Specialist, assisting were held at New Richmond and Baldwin. These were in the nature of a school - four meetings at each town. About 80 people enrolled in the course. In the spring we secured special prices from nurseries for fruit planting stock. The group pooled orders totalling over \$600.00. Eighty people placed orders. Included were: 300 apple, cherry and plum trees, 9500 strawberry plants, and 1012 raspberry bushes. In the spring a planting and a pruning demonstration was held in each area.

A Forage Crop Institute with George Werner and Vic Burcalow from the college assisting, was held in Glenwood City, and a night meeting with the same men at Somerset. Purpose was to promote the idea of more and better legumes and grasses for hay, silage, and pasture. More than 40 samples of hay and silage were brought in to compete for cash prizes.

Held seven meetings on the subject of artificial insemination. F. Hendrickson, Specialist from the College, and H. Koch from the Wisconsin Breeding Institute assisted.

At four meetings on dairy cattle diseases, used the services of Dr. Prichard from the College.

FARM MACHINERY AND FARM BUILDING CLINICS

Held four meetings in the county with O. Berge, Machinery Specialist and Wm. Roper, Farm Building Specialist. Attendance averaged about 60 people. Plow attachments and adjustments and milk house construction were main topics under consideration.

CORN AND GRAIN SHOWS

Held corn and grain and egg Shows in conjunction with the Institutes at New Richmond, Woodville, and River Falls, and Spring Valley. The Institutes at River Falls and Spring Valley were a joint enterprize of Pierce and St. Croix counties, and centered around a corn and egg show. Thirty to forty exhibits of corn were entered at each show. At River Falls seventy dozen of eggs were entered in the competition. Specialists at these events were K. Parsons, Farm Econ.; G. Annin, Poultry Specialist, Prof. Alberts, Soils Specialist, and George Briggs, Crops Specialist. At all institutes held in the county the business men of the different cities and villages provided money for prizes and a lunch at noon.

HOG AND SHEEP INSTITUTE

A one day meeting for the whole county was held at Hammond on the subject of meat production. J.J. Lacey, Sheep Specialist, Dave Williams, Pork Specialist, and Ike Hall, Farm Economist assisted the agent.

HOG AND SHEEP SPRAYING AND WORMING DEMONSTRATIONS

Three meetings were held on June 6th to demonstrate the methods of controlling sheep ticks and hog lice, and worming the animals. Meetings were held on the John Brummels farm, River Falls, H. Hanson farm, New Richmond, and R. Casey farm, New Richmond.

Benzene-hexa-chloride was used to control external parasites and sodium flouride for the internal pests. J.J. Lacey from the college assisted at the meetings, and Ike Hall, Farm Economist discussed the financial outlook. One hundred eighty farmers attended these meetings.

At all the Institutes and other meetings, the county agent discussed such topics as Bangs control, artificial breeding, cow testing, seeding recommendations, emergency hay and pasture crops, etc.

SPECIAL LIVESTOCK EVENTS

Holstein Breeders Annual Banquet

Held in New Richmond in February. County Agent showed breed movies and gave a talk on Bangs program and emergency hay and pasture crops.

Holstein Breeders Annual Picnic

Held at Art Hanson farm, Baldwin early in August. Agent acted as master of ceremonies. Showed Holstein movies, gave a talk on fertilizing and renovating pastures. About 125 attended.

Dairy Plant Operators Banquet

Planned a Banquet at Hammond and invited all plant managers and personell of dairy plants operating in St. Croix County for the purpose of explaining the new mininum requirements for milk production in Wisconsin. Had representatives from the University and State Dept. of Agriculture present the information. Over one hundred people, including county agents from neighboring counties attended.

District Banquet and Meeting

of

Artificial Breeding Directors

Held this supper meeting at Hammond. Boards of directors and county agents from Pierce, Dunn, Chippewa, Eau Claire, Polk and St. Croix counties attended. Dr. E.E. Heizer, Chairman, Dairy Husbandry Department, and George Werner, same Department, attended the meeting.

SOIL CONSERVATION ACTIVITIES

We continued the project of carrying the story of Soil Conservation to rural school children, that was started last year in cooperation with the conservation service and Supt. of Schools.

Last year in October we met with the school children in the Northern half of the county at eight school centers. This year in October we spent three days taking the children on field trips in the South half of the county. In addition to the rural 7 & 8th graders, we also met with the city and village school children of Baldwin, Hammond, Woodville, Glenwood City, Hudson, New Richmond, and Somerset. At twelve meetings in the three days we had 415 children and teachers at these meetings. The County Agent used specimens of alfalfa, clover and grass plants in his talk on "How Plants Link Soils & People."

Last February we held meetings at eight schools in the south half of the county, all 7 & 8th graders coming to these centers for movies and talks on soil conservation. The County Agent then discussed the importance of plants in holding soil and water in place, and how the plants provide food for man and beast. A total of 249 students and teachers attended these meetings.

FOREST SEEDLINGS

The County Agent's office secured 12,600 free evergreen seedlings from the Wisconsin Conservation Department for 4-H members and F. F. A. members. We also assisted more than fifty farm owners in filling out their order blanks for these forest seedlings. These farmers ordered 29,700 trees at \$10 per 100. Varieties were Norway, White and Jack pine, and Norway and White Spruce.

SUMMER 4-H AGENT

This year again the Agricultural Committee hired a summer agent to assist with 4-H Club activities. Robert Haile, Knapp, who graduated from River Falls State Teachers College in May, was engaged. The State paid his entire salary for the three months he was employed, with the County paying his mileage and other expenses.

The Home Agent and County Agent were pleased with Mr. Haile's contribution to the 4-H program. With a summer assistant, so many more 4-H members and clubs can be helped with their problems.

COUNTY AGENT'S STATISTICAL SUMMARY NOV. 1, 1948-OCT. 31, 1949

Days in office	122.5
Days in field	174
Miles traveled	13,517
Days Annual leave	9.5
Days sick leave	0
Days devoted to work with adults	202
Days devoted to 4-H clubs and older youth	94.5
Number Farm and home visits made	386
Number of different farms visited	363
Number of office callers	2,065
Number of new articles published65
Number of telephone calls	2,950
Bulletins distributed	3,655
Radio talks	1
Leader training meeting	46
Number in attendance	575
Method demonstration meetings16
Number in attendance	1218
Tours conducted	9
Number in attendance	324
Achievement days held	2
Number in attendance	430
4-H Camping Tours	2
Number in attendance77
Other meetings of an extension nature	170
Number in attendance	15,491
Days specialists assisted	66
Total meetings	246
Total attendance	18,115

Specialist from University of Wisconsin, College of Agriculture, and other assisting in St. Croix County Agricultural Extension Program.

Ike Hall
George Werner
Gerald Annin
Charles Brace
A. O. Collentine
J. E. Stallard
James Lacey
Pat Kaliher
I. O. Hembre
Grace Duffee
R. Stumbo
Carl Neitzke

O. Berge
Conrad Kuehner
A. C. Follet
Ben Rusy
Henry Lunz
G. Vergeront
Evert Wallenfeldt
George Briggs
E. H. Fisher
H. G. Seyforth
Hans Horn
Wm. Roper

A. R. Alberts
Kenneth Parsons
Lester Legrid
E. E. Heizer
Ed Baker
Al Ehly
Dr. Apple
Dave Williams
W. Mc Neel
Vic Burcalow
Fritz Hendrickson
Dr. Pritchard

Respectfully submitted this 31st day of October, 1949.

E. E. Anderson

E. E. Anderson
County Agr'l Agent
St. Croix County

SUMMARY OF THE CLUB AGENT'S AND COUNTY AGENT'S ACTIVITIES

1. Assisted Home Agent in organizing three new clubs.
2. Five fitting demonstrations for dairy calves, beef, swine, and sheep.
3. A total of 15 4-H club tours made by male agents.
4. Conducted a judging contest of livestock to pick State Fair contestants.
5. Conducted a successful Tractor Contest, held a 10 meeting tractor project school, one of the contestants was a blue ribbon winner at State Fair and 1st place winner at the Soil Conservation Field Day at Eau Claire.
6. Worked with both fairs in the county, concentrating our efforts mostly on livestock and crop divisions.
7. Took a string of 4-H cattle to Wisconsin Jr. State Fair, the first entries since 1942. Ten head exhibited, winning 6 blue ribbons, 3 read, 1 white and winning championship in Jr. Holstein heifer class. In addition, placed 11th in county herd division and awarded 18th in barn exhibit.
8. Took part in District and County 4-H Camp and sent a group of boys, with County Club Agent to Soil Conservation Camp at La Crosse.
9. Kept interest high in Township Bangs program which has taken in all 21 townships in the county. Got out a card to all farmers in County with return card attached, asking all farmers interested in Bangs testing and vaccination to list their animals. Veterinarians financed this deal.
10. Total cows tested-6,497, 4.8% reactors-7,548 calves vaccinated-total value of work done-\$10,852.35.
11. Worked closely with directors of Artificial Breeding Cooperative, conducted educational meetings to interest more farmers. Total cows artificially bred in county, approximately 8,200.
12. Worked with 6 T.V.A. cooperators, assisting in plans, seeding, harvesting grain samples for yield data.
13. Carried on variety grain trials on 3 farms, fertilizer work on 2 farms and corn variety plots on 1 farm.
14. Promoted a fire fighting demonstration, with rural fire fighting protection in mind, and latter met with 2 different groups to present more information.
15. Secured 525 pounds of rat bait from U. S. Dept. of Interior and distributed it over county.
16. Held five field demonstrations on spraying or dusting for corn borer control as well as four clean plowing demonstrations for borer control. On the latter project enlisted the support of 24 machinery dealers to finance publicity (fold sent to 3,800 farmers) and furnish machines for demonstrations. More than 1,100 farmers attended these borer control meetings.
17. Started a Swine Indexing program, five farmers cooperating with a total of 25 pig litters.
18. Held Farm Institutes in 8 villages or cities on phases of the program of work. viz. Storage crops, Artificial Breeding, fruit plantations, egg, corn and grain shows, meat production, etc.
19. Distributed over 300 fruit trees, 10,000 strawberry plants, 1,000 raspberry plants worth more than \$600 to 80 farm families who attended fruit Institutes.
20. In cooperation with S.C.S. and County Supt. of Schools met with 20 different groups of rural school 7 & 8th graders-totaling 664 persons giving them the story of how plants link Soils and People.
21. Secured 12,600 forest seedlings from Conservation Dept. for 4-H and T.F.A. members and 29,700 transplant Evergreens for farmers.
22. Held weed control meetings.
23. Serviced the request of 2,065 office callers by letter or in person.
24. Made 386 farm visits, 363 different visits.
25. Planned or appeared at 245 meetings with a total attendance of 18,115 people.

COUNTY AGENT'S OUTLOOK FOR 1950

1. Great activity is expected in milk house construction, as is required in the new Wisconsin Minimum Rules and Regulations for milk production. Information on approved milkhouse plans and details and barn renovating will be in heavy demand.
2. Even though milk prices have declined sharply, there will probably be more cows bred artificially, (by 1,500) in 1950 as compared to last year.
3. Pasture renovation, better all around forage crops (mixtures such as alfalfa-brome,) and annual pasture grasses are all becoming increasingly popular. Especially is this true because of the extremely heavy incidence of corn borer, cutworm and wireworm damage to the corn crop, and the decreasing value of corn.
4. If corn borer infestation is heavy next year, many corn growers will carry on an effective spraying program, mostly with new ground equipment.
5. Heavier commercial fertilizer applications and more thorough liming of the soils is gaining headway in the alfalfa seeding program.
6. More importance will be attached to a chemical weed killing program.
7. With large supplies of corn grain on hand, the swine enterprise in the county will be greatly expanded, likewise more farmers are going into sheep.
8. Interest in 4-H club work will continue at a high level.
9. Given an adequate supply of rainfall, crop production will continue at high levels. Small grain acreage will probably remain the nearly constant, corn acreage will probably be reduced some what, but a substantial increase of acreage in better forage and pasture crops seems to be the trend.
10. Barring an unforeseen collapse of farm prices, 1950 should be a prosperous year for St. Croix Farmers.

Corn Borer Control Demonstrations

— INCLUDES —

Clean Plowing
Spraying & Dusting Equipment
Stalk Cutters
Disk Plows

HUDSON Area October 27
NEW RICHMOND Area October 28
BALDWIN Area October 31
GLENWOOD CITY Area November 1

All Demonstrations Start at 1:00 P. M.

All Farmers Cordially Invited to Attend.

Come, Learn More About Corn Borer Control.

Sponsored By

St. Croix County Machinery Dealers, Veteran Trainers and
County Extension Service.

MOODY CHEVROLET & BUICK CO.

River Falls, Wisconsin
John Deere Farm Equipment

FARM & ELECTRIC CO.

Hudson, Wisconsin
Perfection Milkers
Minneapolis-Moline Agency

EQUITY CO-OP ELEVATOR CO.

River Falls, Wisconsin
Minneapolis-Moline-Gehl
New Idea Machinery

BLACK IMPLEMENT CO.

River Falls, Wisconsin
Case Agency—Graham-Hoem Plows

GILBERT AND TOBIN

Hudson, Wisconsin
Agents for Allis-Chalmers—New Idea

JOHNSON SALES & SERVICES

Allis-Chalmers, Oldsmobile, & GMC
Trucks
Telephone 2491 River Falls, Wis.

DEISS & FINLEY MOTORS

Ford Tractors, Dearborn Farm
Machinery and Equipment
Baldwin Wisconsin

POLFUS IMPLEMENT CO.

John Deere Quality Farm Equipment
New Richmond, Wisconsin

LA VENTURE MACHINE SHOP

Welding Service
Phone 374 New Richmond, Wis.
Minneapolis-Moline Farm Machinery

ROBERTS IMPLEMENT CO.

J. I. Case Farm Sales and Service
Surge Milkers, Speed Queen Washers

Program

1:15 P. M.—Discussion on corn borer control, E. E. ANDERSON, Co. Agent

1:30 P. M.—Demonstration: High Clearance Sprayer and Duster
Stalk cutter at one or more locations

2:00 P. M.—Clean plowing demonstrations

3:00 P. M.—Plow attachments and adjustments: THORWALD THORSON
Ag. Engr. Dept. River Falls S. T. C.

3:30 P. M.—Announcements



Location of Demonstrations

October 27—Pat Webster Farm
Junction of Hi-way 35 & N, 2 miles southeast of Hudson

October 28—John D. Germain property
1 mile north Junction Hi-way 64 & 65, North of New
Richmond and 1 1/4 miles east

October 31—Charles P. Hanson Farm
1 mile South of Baliwin airport and 1/2 mile west

November 1—Bill Ekstrom Farm
1 mile South of Glenwood City on Hi-way 128

C. A. RIEK & SON
Boyceville, Wisconsin

Oliver Farm Equipment Sales & Service

BURIC IMPLEMENT CO.

New Richmond, Wisconsin
"Home of Quality Farm Machinery &
Supplies"
New Idea—Massey-Harris

WILEN IMPLEMENT CO.

New Richmond, Wisconsin
Farmall Tractors
McCormick Farm Implements
International Refrigeration

H. W. TeGROOTENHUIS

John Deere Implements
Sales and Service
Baldwin Wisconsin

BERNARDS SUPER SERVICE

DeSota, Plymouth Allis-Chalmers
International Trucks
Phone 255 New Richmond, Wis

RIVER FALLS MOTORS

Ford Dealers
River Falls, Wisconsin

A. W. LUND COMPANY

International Farm Equipment
Modern Parts and Repair Service
Dial 2415 River Falls, Wis.

WM. BOSMAN

Phone No. 44 Baldwin, Wis.
Massey-Harris Sales and Service

HOGAN CHEVROLET COMPANY

Glenwood City, Wisconsin
Chevrolet Allis-Chalmers

AUSTRENG IMPLEMENT CO.

Dealers in Case Implements
Downing, Wis—Glenwood City, Wis.
Phone 3502

NELSON'S IMPLEMENT CO.

International Harvester
Well drilling, plumbing, heating,
household appliances and hardware
Boyceville, Wis. Phone 178

BALDWIN NASH SALES

Minneapolis-Moline Tractors
Farm Machinery
Phone 10 Baldwin, Wis.

GLENWOOD CITY IMPLEMENT CO.

Phone 80 Glenwood City, Wis.
Sales—Ford Tractors—Service
Dearborn Farm Implements
New Idea Farm Machinery

International Refrigerator
McCormick Farm Implement
Lambert Reel & Tractor Co.
New Richmond, Wisconsin
WELLS-BENTLEY-MET CO.

WELLS-BENTLEY-MET CO.

SALES & SERVICE

NEW CITY on 1st Ave. 118

at depot and N. side west

Richmond and 1st side east
N. side of 4th & 6th North of New

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New York Farm Machinery
Desford Farm Implements
Sons of Ford Tractor - Grapes
Sons of Ford Tractor - Grapes
GLENWOOD CITY IMPLEMENT CO.

WILSON'S FARM SALES
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Rural Box Holder

Dear Cooperator:

Listed below are the elevators at which rat bait will be available for distribution. The cost of the bait is 50¢ per pound. The average farm will need from one to three pounds of bait depending on the number of rats that you see in the day time. If you are interested, please fill in the number of pounds of bait that you need and the elevator from which you will secure it and return to our office immediately. Bait will be distributed to the elevators on November 2, and you can pick it up either on November 3-4-5. You pay for the bait at the time you secure the material.

Sincerely yours,

E. E. Anderson

E. E. Anderson

County Agr'l Agent

St. Croix County

EEA:ase

	No. of lbs.
Farmers Elevator, Baldwin	_____
Wilson Elevator, Wilson	_____
Emerald Farmers Elevator, Emerald	_____
Woodville Elevator, Woodville	_____
Nyeggen Elevator, Baldwin	_____
Forest Feed Mill, Emerald	_____
Burkhardt Mill, Burkhardt	_____
Hanson Brothers, Hammond	_____
Glenwood City Mill & Elevator, Glenwood City	_____
Doughboy Feed & Farm Store, New Richmond	_____
Valley Elevator, Spring Valley	_____
Gilberts Elevator, Hudson	_____
Roberts Elevator, Roberts	_____
Farmers Union Feed Store, New Richmond	_____
Flourde Brothers Hardware, Somerset	_____
Deer Park Elevator, Deer Park	_____
Feed Mill, Cylon	_____
Farmers Union Feed Store, Forest	_____

Name _____

Address _____

CO-OPERATIVE EXTENSION WORK

-IN-

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

AGRICULTURE AND HOME ECONOMICS
STATE OF WISCONSIN

AGRICULTURAL EXTENSION
SERVICE
COUNTY AGRICULTURAL
REPRESENTATIVE WORK

A HOG WILL GAIN ABOUT 15 POUNDS ON
THE AMOUNT OF FEED DESTROYED BY ONE
RAT IN A YEAR.

Dear Friend:

Ready-to-use Red Squill Bait to KILL RATS will be available soon. Everybody will have a chance to treat their farm properties at the same time and at a NON-PROFIT COST.

See the back of this letter for the date of the County-Wide Campaign.

Get rid of rats now and stop their damage to stored food and property during the winter months. Rats carry and spread livestock and human diseases. You can't afford to keep rats. POISON THEM -- TRAP THEM -- GAS THEM -- BUILD THEM OUT.

PLACE YOUR ORDER NOW! Get one pound of bait if you have only a few rats or a few places to bait -- two or three pounds if you have lots of rats and many buildings.

CALL FOR THE BAIT on the date of the RAT BANQUET. PUT IT OUT THE SAME NIGHT.

Improve your results with poisoned bait. Do this: Four days or a week before you put out a poisoned bait, place fresh kitchen scraps or other unpoisoned food along rat runways. Put it out in small baits in the evening and pick up the baits the next day. This will overcome their suspicion and they will more readily accept the poisoned bait that you use. Try it!

SAVE MONEY AND PROTECT THE HEALTH OF YOUR FAMILY AND LIVESTOCK
BY KILLING RATS.

(OVER)