

University Farm News
University of Minnesota
St. Paul 1, Minnesota

SPECIAL TO:
The Farmer Magazine, October 6, 1952
Twin Cities Papers, November 3, 1952

European Farm Leaders Visit Minn. Rural Families

This summer Minnesota farm families in seven counties played host to visitors from Europe. Twenty-four young men and women spent three months on Minnesota farms learning how farmers here live and work together, and how they receive information from agriculture services to help them increase productivity.

The 24 men and women are part of a group of 142 young farm leaders and technicians from seven European countries brought to the United States by the Mutual Security Agency. They arrived in this country May 22 and will stay until November 22.

Cooperating with the MSA in planning their itinerary are the U.S. Department of Agriculture and Land Grant Colleges of Minnesota, Maine, Colorado, Missouri, Ohio and Vermont.

After arriving in this country the entire group spent a week in Washington D.C, in orientation and studying the Extension Service, U.S. Department of Agriculture. They then divided into six smaller groups to visit the individual states. The training program in the states was divided into three major periods—three months on the farm, one month in the county extension offices and six weeks at a special short course at the Land Grant college of the state.

The 24 men and women in Minnesota came from Austria, Belgium, Denmark, the Netherlands and Norway. They lived for three months as members of farm families in Clay, Marshall, Norman, Otter Tail, Polk, Wadena and Wilkin counties, studying not only the practices and techniques of their host farmers, but observed living conditions and the complete social organization of a typical Minnesota farm community. They worked on their host farms for board and room.

"These men and women weren't considered as hired hands," said C. M. Kelehan, former county agent and group leader for the Europeans. "They were accepted as sons and daughters, were taken to meetings, to parties and picnics, to church, and even to weddings and funerals like regular members of the family.

"Their actual work on the farm was a secondary thing. It simply gave them a

place to stay while they were learning about us in the United States," Kelehan continued.

Some of them lived for the entire three months on one farm while others spent time on two or three different farms, getting to know as many different ways of farm operation and as many different communities as possible. They found many similarities and many differences in the way farmers in Minnesota and farmers in their home countries live and work.

In almost every case they found farms here much larger in size than in their home countries. In Norway, for instance, the average farm is 15 acres, meaning that the land must be more intensively cultivated in Norway than in Minnesota. Per Andreas Berg, assistant county agent in Norway, staying in East Otter Tail county, said that he was surprised at the amount of land we could allow to go to waste.

They found, too, that the natural resources in the United States were greater than those in their home countries and that high-speed mechanization was more applicable to farming here than abroad.

Each of the European men and women were interested in certain phases of American agriculture. Some wanted to study modern dairy farms with well planned breeding programs. Others wanted to be placed on farms growing grains, sugar beets, flax, fruit or legumes, or on farms raising hogs or sheep.

After their three-months' stay on farms observing rural life from the farmers' point of view, the Europeans spent the month of September in their county Agents' offices. There they learned how the county extension office works to give the farmer information he needs to improve agricultural techniques.

They went with the county and home agents on routine visits, attended agents' meetings, visited and talked with officials in farmers' cooperatives, farm organizations and private business concerns. They studied farm organizations from top to bottom—finding out who belonged, how they operated and their objectives.

The last part of the training program will be spent at special short courses at Land Grant colleges of the states visited. The groups will be re-divided

according to interests. The University of Minnesota will play host to the 24 women under the program, giving them work in home economics, extension, poultry, dairy and horticulture.

During the summer the visitors were given two weeks of "free time" during which they could, if they liked, take extra tours to other parts of the continent. Some went to Canada, some to the western states and the national parks. One of them reported back after a trip West, "We were very surprised to meet the vast prairies in South Dakota. . . . I had got an idea that most of America looked like Minnesota, though I knew that I was wrong."

She continued, after returning to Minnesota, "Even we, the Europeans, felt that it was wonderful to be back home again. We are loaded with impressions and new ideas. I have learned more about America during these 12 days than five years at school in Norway ever would have taught me."

Most of them attended the Minnesota State Fair, staying in the 4-H Club building on the fair grounds. They met their friends and had an opportunity to see a big fair in the United States. Said a Danish man afterwards, "A fair here is not very different from a fair in Denmark except the 4-H exhibits, which we do not have. . . . In fact, we only have 4-H clubs in a few places.

The visitors from abroad have gained a great deal of insight into American rural life during their six-months' stay, but they have given Americans insight into their ways, too. The guests and the hosts both discovered that people on each side of the ocean think the same way. They want the same things for their homes and families and are both working toward a decent standard of living for them. The main differences lie in the way they accomplish these things.

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News Bureau
University Farm
St. Paul 1 Minnesota
November 3, 1952

A BALANCED FARMING story
To all counties
For publication week of
November 10

SOME FERTILIZERS IN
SHORT SUPPLY FOR 1953

County Agent _____ announced today that supplies of some fertilizer elements needed in Minnesota will be below farmer demands for 1953.

He urged farmers to order fertilizer early to insure delivery.

Representatives of industry believe that nitrogen supplies, in spite of increased production, will be short in 1953. They expect phosphate supplies to be nearly adequate and potash sufficient to meet all requirements.

Indications are that high analysis phosphate supplies for Minnesota will continue to be below farmer demand, according to Harold Jones, University of Minnesota extension soils specialist.

There will be a 12 per cent increase above last year's production of the three primary elements, according to the U. S. Department of Agriculture.

Plant nutrient figures released by USDA show that nitrogen production is up 11 per cent from 1952; phosphate is up 10 per cent; and potash has increased 17 per cent.

It is reported that satisfactory progress is being made toward attaining fertilizer plant expansion goals. Some of the new nitrogen plants are already in production and others are expected to be completed in a few months.

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News Bureau
University Farm
St. Paul 1 Minnesota
November 3, 1952

To all counties
For publication week of
November 10 and after

FILLERS for your column and other uses

The Pay-off -- About two-thirds of the total supply of Minnesota-produced eggs is shipped to outside markets, especially to population centers in the east. Here Minnesota eggs come into competition with supplies from other regions, and if their quality fails to measure up to that of other eggs, Minnesota loses out, observes O. B. Jesness, chief of the agricultural economics division at the University of Minnesota.

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Taste Tells -- A little spoilage in silage won't hurt beef cattle or fattening lambs, notes W.E. Morris, U. of M. extension livestock specialist. If it's too badly spoiled, the animals just won't eat it.

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Production's the Thing -- The greatest single factor in profitable dairying remains the production level per cow, says Ramer Leighton, extension dairyman at University Farm. "High-producing cows always assure their owners some profit, even when costs are high. Low-producing cows seldom if ever make their owners any money, while they consume feed that could be used to advantage by other members of the dairy herd. And, with critical labor situations on many dairy farms, these low producers reduce the over-all efficiency of the farm operation," he adds.

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It's Simple -- Once lambs are well-started on a full feed of grain, fattening and finishing them for market is a simple matter, according to W.E. Morris, extension animal husbandman at the University of Minnesota. Hand-feeding twice a day all the grain the lambs will clean up, about 20 minutes at each feeding, is a full feed. Hay can also be fed twice a day.

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Danger Signal -- Defective electrical wiring or equipment is a frequent cause of farm fires. And a fuse blowing is a danger signal--an overloaded or shorted circuit, warns Glenn Prickett, extension farm safety specialist at the University of Minnesota.

News Bureau
University Farm
St. Paul 1 Minnesota
November 3, 1952

To all counties
ATT: CLUB AGENTS

4-H SPEAKING
CONTEST TO BE
HELD AGAIN

Four-H members in _____ county will again have an opportunity to enter the statewide 4-H radio speaking contest for 1952-53, Club (County) Agent _____ announced today.

This year's competition will be limited to 4-H members between the ages of 14 and 21.

"What Responsible Citizenship Means to Me" has been selected as the topic for discussion. Contestants will prepare original speeches, five to seven minutes in length, on some aspect of the subject, emphasizing acts of citizenship in the home, at school and in the community. In writing their speeches they should keep in mind, says _____, that good citizenship means more than taking a course in government, saluting the flag or obeying laws.

A bibliography of reading material on the subject will be available soon from the county extension office. Public and school libraries and many civic organizations will also have material on the topic.

County contests must be completed by February 14.

The University of Minnesota Agricultural Extension Service, in cooperation with the Minnesota Jewish Council, is sponsoring the speaking event, which is now in its eleventh year. The Jewish Council is providing more than \$1300 in awards for county, district and state winners.

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University Farm News
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St. Paul 1 Minnesota
November 3, 1952

To all counties

ATT: HOME AGENTS

CHECK FIT AND
WORKMANSHIP ON
READY MADES

Check fit and workmanship carefully before you buy your next dress. Dissatisfaction with ready makes often comes because of bad fit or poorly finished details, according to Home Agent _____.

University of Minnesota extension clothing specialists say that fitting faults are most frequently the cause of poor appearance. Perhaps the armseye is located too far out on the arm, or the ease of set-in sleeves is poorly distributed.

Shoulder pads may be needed to bridge a slight shoulder depression and give the dress a better line, but the size of the pad depends on each woman's natural shoulder line. Women with broad, square shoulders may have to remove part or all of the padding.

Other common fitting faults are bust darts too high, blouse too tight across the bust, waistline too low, neckline too low in back, or skirt seams slanting to one side or the other instead of hanging perpendicular to the floor.

The clothing specialists list a few defects to watch for when buying a dress:

Uneven hem lines, poor width hem.

Left side seam conspicuous as it becomes a zipper placket.

Collar corners not shaped, corners pulled out of shape and bulky collar facir

Buttonholes uneven in length and width.

Darts too long and not gradually tapered.

"Blind" stitches that show.

Insecure blind stitching.

Inside seams of collar not brought to edges.

Fastenings sewed too tight.

Irregular stitching.

News Bureau
University Farm
St. Paul 1, Minn.
November 3, 1952

Special to Goodhue County

TWO COUNTY CLUB
MEMBERS WIN TRIPS
TO CHICAGO

Two Goodhue county 4-H club members will go to Chicago this month as state winners in 4-H contests, County Agent _____ has announced.

They are Marian Nelson, 19, Red Wing, who has been named state winner in the girls' record contest; and Robert Haller, 20, Wanamingo, who has been selected state dairy champion. Both have been awarded trips to Chicago to attend the National 4-H Club Congress, November 30 - December 4.

Marian, who is now a sophomore in home economics at the University of Minnesota, is a daughter of the Walter H. Nelsons. During the 10 years she has been a member of the Burnside Pluckies 4-H club, she has completed 60 projects, most of them in home economics. As a junior leader for five years, she has helped 4-H'ers with their records and coached young demonstrators. She has won numerous honors in her projects, including county championships in food preparation, bread, and clothing demonstrations, was named county dress revue queen this past year and several years ago was chosen as outstanding girl junior leader in the county.

She was attendant to the Queen of the Furrow at the National and Minnesota Soil Conservation Days and Plow Matches this year.

Robert started winning trips on his Holsteins in 1948 and has been winning them ever since. He has won numerous blue ribbons, reserve champion showmanship and grand champion showmanship and judging awards.

Last year he was named Minnesota Holstein boy and state dairy achievement winner. In the 10 years he has been a member of the Wanamingo Wide Awakes, he has completed 66 projects.

Robert is the son of the Harry Hallers.

News Bureau
University Farm
St. Paul 1, Minnesota
November 4, 1952

SPECIAL TO:
Wilkin county

WILKIN COUNTY BOY
NAMED STATE 4-H
POULTRY CHAMPION

A Wilkin county boy has been named state champion in the 4-H poultry project, County Agent _____ announced today.

He is Marland Dow, 17, Barnesville, who will attend the National 4-H Club Congress in Chicago, November 30 - December 4 as an award for his achievement. His trip is provided by the Dearborn Motors Corp., Birmingham, Michigan.

He has been a member of the Atherton 4-H club five years, carrying the poultry project each year. He has completed a total of 48 projects in that time.

On his 4-H poultry work Marland has received two Junior Livestock Show trips, two state fair trips, four grand championship awards and two reserve championship on his cockerels and reserve championship on his pullets. That year his parents, the Clarence Dows, gave him an old brooder house which he fixed up, enabling him to raise 100 chickens the next two years.

In 1951 and 1952 he took the advanced poultry project, going ahead with 100 of his own New Hampshire Reds and taking over the care of 900 Leghorn hens. He also raised 1200 Leghorn pullets in partnership with his parents.

Marland attributes his success with poultry to buying the best certified chicks, following a strict sanitation program, providing plenty of nests, having good, well-ventilated houses and keeping the hens comfortable.

This year he is a senior at Barnesville high school where he plays in the band and writes for the school paper.

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SPECIAL TO:
Dodge county

DODGE COUNTY
BOY WINS 4-H
CONGRESS TRIP

A Dodge county boy has won 4-H state championship and a trip to the National 4-H Club Congress in Chicago, November 30 - December 4, on his pig project, according to County Agent _____.

He is Robert Kruger, 19, Hayfield. A member of the Cedar Creek Climbers 4-H club, he has completed 10 years in club work and seven years carrying the pig project.

During this time he has raised a total of 30 purebred gilts, 21 purebred boars and nine market barrows. He has exhibited his pigs at Dodge county fairs five years, winning the swine showmanship award in 1950 and the county award for the meat animal project in 1951. This year he received a trip to the Sioux City Livestock show with his barrow.

In seven years Robert has increased the number of pigs he owns from two to 10 purebred gilts for breeding spring litters. He sells his purebred boards for breeding stock.

Robert's trip to the National 4-H Club Congress is being provided by George A. Hormel and Co., Austin,

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News Bureau
University Farm
St. Paul 1, Minn.
November 4, 1952

Special to Nicollet county

THREE NICOLLET
CO. 4-H'ERS GET
STATE HONORS

Three Nicollet county 4-H members have won state awards for outstanding club work, County Agent _____ announced today.

Owen A. Swenson, 20, Nicollet, has been named state champion in dairy achievement and will receive an all-expense trip to the National Club Congress in Chicago, November 30 - December 4. The trip is provided by Lederle Laboratories Division, American Cyanamid company, New York.

Catherine Keltgen, 19, St. Peter, will be awarded a certificate of honor for being selected as state winner in citizenship in the girls' division.

Carol J. Lokensgard, 17, St. Peter, has been chosen as the girl in the state to receive a \$200 scholarship from the Farm Underwriters' Association, Chicago, for her work in farm fire prevention.

During the 11 years Owen has carried dairy projects as a member of the New Sweden 4-H club, he has received 10 blue ribbons on dairy exhibits at the county fair. For the past two years he has won trips to the State Fair with his advanced dairy project and has placed in the blue ribbon group both years. This year his cow won purebred Holstein championship at the State Fair.

Since his father died six years ago, he and his brother have operated the home farm. They now own, in partnership, over 40 head of registered Holstein dairy cows. Owen is the son of Mrs. Alice Swenson.

For the second consecutive year, Catherine has won the state contest in citizenship in the girls' division. In the 10 years Catherine has been a member of the Belgrade 4-H club she has completed 50 projects and has been active as a junior leader in helping younger club members. She has been vice president, secretary and

reporter of her club, as well as secretary of the county 4-H federation. In 1950 she won the district radio speaking contest. Now a student at Mankato State Teachers' college, Catherine is the daughter of the Leo Keltgens.

Carol's work in safety paid off last year in a \$50 bond when she received the state award in the National Youth Fire Prevention and Safety program. A member of the Moreland Senior 4-H club for eight years, Carol has been particularly active in helping fellow 4-H'ers with safety surveys and records. This year she is chairman of the safety committee which inspected 36 homes for safety. As a part of her safety activity, Carol helped her brother make sets of scotch-lite reflector plates for 36 homes.

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November 4, 1952

SPECIAL TO:
Fillmore County

FILLMORE COUNTY
4-H'ERS WIN
STATE RECOGNITION

Four Fillmore county 4-H boys and girls have received state recognition for their outstanding 4-H project work this year. County Agent _____ said today.

They are Wilbert Glynn, 16, Mykoff; Marlene Meyer, 16, Richard Sample, 17, and Dale Wordelman, 17, all from Spring Valley.

Glynn is being recognized for his work in forestry. He and his father, Robert Glynn, have worked together to build their 166-acre farm from a low-producer to a farm with high crop yields. He has planted almost 8,000 seedlings in the wind-break, woodlot, and shelterbelt. He has also helped take out more than 240 logs from the woods for use in making farm buildings. He has replaced cut trees with seedlings, cut posts, and has topped large trees for firewood.

A member of the Thriftyville Workers club for eight years, he has carried the forestry project five years. He will receive a gold-filled medal and certificate of honor as state forestry winner.

Miss Meyer, also a member of the Thriftyville Workers 4-H club, is being recognized for her dairy foods demonstration. She has been a 4-H'er for seven years and has demonstrated in food preparation since she was 12.

Her demonstration this year on which she won championship at the State Fair, was on homemade ice cream and was entitled "Dairy Special." She prepared ice cream 25 times before deciding to demonstrate it, then prepared it 23 times during demonstrations. As part of her 1952 food preparation project she planned and prepared 55 meals, 54 single dishes, baked 137 loaves of bread, 39½ dozen quick breads. She will receive a wrist watch as her award.

Sample, a member of the Bloomfield Bluebirds 4-H club, has done outstanding work in 4-H leadership. In his nine years of membership he has stressed the beef

project. He has been active in community and church affairs as well as 4-H.

As junior leader, he has helped his club play a large part in community activities, fostering cooperation between 4-H and other groups. He has also helped build the membership of his club from 12 to 23. As state winner in 4-H leadership in the boys' division, he will receive a wrist watch.

Wordelman received top placing in the state for his work in recreation and rural arts. He has been a member of the Bloomfield Bluebirds 4-H club six years and has held the offices of president, vice president, secretary, treasurer and song leader. Last year he was named outstanding boy junior leader in the county and received a \$50 award.

Music is Wordelman's hobby and he has done much to promote it in his club. He has been music leader of the club for three years, organizing and directing a club band for plays and music festivals. He was also one of the co-directors of the club play for the Play and Music Festival and helped to plan and lead recreation programs.

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University Farm
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November 4, 1952

Special to Hennepin county

**FOUR CLUB MEMBERS
WIN HONORS**

Four Hennepin county 4-H club girls will receive special honors this month, as a result of their outstanding work in 4-H projects and demonstrations, County Agent George Roadfeldt announced today.

Beverly Leuthner, 20, St. Bonifacing, has been named state winner in the 4-H leadership contest in the girls' division and will receive a 17-jewel wrist watch from Edward Foss Wilson, Chicago, as her award.

Philippa Gleason, 18, Hemel, has been selected as state champion in the 4-H home improvement program and has been awarded a trip to the National 4-H Club Congress in Chicago November 30 - December 4. Donor of her trip is the Sears-Roebuck Foundation of Chicago.

Marilyn Hagmeister, 15, 3900 Douglas Drive, Minneapolis, and July Albrecht, 15, 6324 Rockford Road, Minneapolis, will also receive a trip to the Club Congress in Chicago as champion bread demonstration team at the State Fair. In addition to the all-expense trip, provided by King Midas Flour Mills, the girls will each receive a \$50 savings bond from Standard Brands, Inc., New York City.

All four Hennepin county girls have held offices in their local clubs and have been active in project work. Beverly, now a senior at Mankato State Teachers' College, has been a junior leader for six years in the Boni 4-H club. During that time she has assisted many members with project work and records and has been active in organizing and maintaining a 4-H club on the campus of Mankato State Teachers' college. Last year she was one of eight club members in the nation to receive a trip to 4-H Club Congress in Chicago as a sectional winner in community relations; in 1950 she was a national winner in the 4-H canning program and received a \$300 scholarship.

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Philippa's interest in home improvement has been evident in her own home. She has worked with her mother for the last four years in the planning and redecorating of each of 10 rooms in their home. A member of the One-Twenty Bustlers' club for eight years, she has held all the offices in the club and has been secretary, treasurer and reporter of the county federation. She has won the county medal for her dairy foods demonstration and has won numerous blue ribbons for her 4-H exhibits at the State Fair in different home economics projects. Philippa was the second 4-H member in Hennepin county to appear on television. Now a freshman at the College of St. Benedict, she says her 4-H work has influenced her to choose home economics as her college major.

Marilyn and Judy are members of the Victory Robins 4-H club, of which Marilyn is president. Both are sophomores in Robbinsdale high school. Though the girls are only 15, they have won honors on their bread baking before, both in demonstrations and exhibits.

News Bureau
University Farm
St. Paul, 1, Minnesota
November 4, 1952

SPECIAL TO:
Todd County

TODD COUNTY GIRL
WINS TRIP TO
4-H CONGRESS

A 16-year old Todd county girl has been named state winner in the 4-H food preparation project, County Agent _____ announced today.

Betty Jean Hanson, Clarissa, will be awarded a trip to the National 4-H Club Congress in Chicago, November 30 - December 4, where she will compete for national awards. The trip is made possible by the Kelvinator Division of the Nash-Kelvinator Corp., Detroit, Michigan.

She has been a member of the Hustlin' Rustics 4-H club for nine years. During the six years she has carried the food preparation project, Betty Jean has prepared over 1100 single dishes and almost 500 complete meals. This year she prepared 211 single dishes and 206 complete meals.

Betty Jean started in food preparation by preparing puddings, custard and other simple dishes. "But sometimes the pudding got scorched," she said. "I learned to follow a recipe closely."

She has also carried the bread baking project four years, and has baked over 300 loaves of bread, 137 dozen rolls, over 100 dozen quick breads, 169 cakes, 238 dozen cookies and 144 pies.

Betty Jean uses the pressure saucepan as a time-saver in her meal preparation. She likes to make broiler meals, especially beef and potato pinwheels.

The daughter of the Martin Hansons, Betty Jean is a senior in the Clarissa high school this year.

She has won 13 blue ribbons and five state fair trips in food preparation, demonstrating four times at the State Fair. She has also received a \$100 Scholarship for her work in the food preparation project.

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Betty Jean has been both champion and reserve champion pie baker in the county. For the past two years she has been the food preparation winner in the county.

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University Farm
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SPECIAL TO:
Freeborn county

STATE AWARDS TO
TWO COUNTY 4-H
CLUB MEMBERS

Two Freeborn county 4-H members will receive special awards for winning state honor in 4-H work. County Agent _____ announced today.

Raymond Miller, 20, Oakland, has been named state winner in the national 4-H meat animal contest. He will receive a 17-jewel pocket watch as his award, from Thomas H. Wilson, Chicago.

As highest scoring individual oral bread demonstrator at the Minnesota State Fair, Carol Jenson, 16, Broadway Farm, Albert Lea, will be awarded a \$50 savings bond from Standard Brands, Inc., New York, as well as a trip to the National 4-H Club Congress in Chicago, November 30 - December 4. The trip is provided by Russell-Miller Milling company, Minneapolis.

Raymond is president of the Oakland Moscow 4-H club, as well as a junior leader. In the 10 years he has been a 4-H member, he has completed 72 projects, including lamb, pig, dairy and beef projects. Since he showed a lamb at the county fair 10 years ago, he has won many county fair championships on his livestock as well as high ratings in state competition. In 1951 he won a purple ribbon on his lamb at the Junior Livestock Show. Among honors he won this past year were the reserve championship on his steer at the Freeborn county fair and the showmanship award at the Interstate Livestock Show in Sioux City, Iowa.

Raymond now is well on the way to building his own herd of Black Angus and purebred Guernsey cattle.

A trip to the 4-H Club Congress was the goal Carol Jenson set for herself when she started making bread at the age of 12. Like her two sisters, who won a trip to Chicago on a team demonstration, she will now achieve that goal.

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Carol is president of her local club, the Albert Lea 4-H club, which she has been a member for seven years. She has completed 49 projects, most of them in homemaking. This past year she baked 466 loaves of bread, 60 dozen rolls, made 11 garments, cared for a big garden, raised 30 turkeys and helped with the housework. She is now a senior in Albert Lea high school and ranks in the upper fourth of her class scholastically.

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News Bureau
University Farm
St. Paul 1, Minnesota
November 6, 1952

SPECIAL TO:
Red Lake county

RED LAKE COUNTY
BOY WINS STATE
CITIZENSHIP AWARD

Donald Schirrick, 21, Red Lake Falls, has been named state winner in the 4-H citizenship contest, County Agent _____ announced today.

A member of the Pembina Trail club, he has been a 4-H'er nine years and has completed a total of 141 projects.

Schirrick has attended the National 4-H Club Congress in Chicago both as state champion in farm fire prevention and as sectional winner in community relations. Last year he was awarded a \$300 scholarship as a national winner in community relations. The award went to one boy and one girl in the whole country.

During the past five years Schirrick has helped to organize two 4-H clubs and one rural youth group. Since he began 4-H work nine years ago he has earned over \$1,000 in cash prizes at county and state fairs, donating much of the prize money to the Red Cross and community functions. He has won dozens of county championships and numerous state purple and blue ribbons.

Schirrick is not only a busy 4-H member, but a busy farmer as well. He has purchased 160 acres of land with money earned through 4-H profits. He has gradually built up for himself a herd of 36 head of Aberdeen Angus and Holstein cattle, most of them registered. He has a flock of 200 purebred geese and owns 20 head of purebred Hampshire sheep. He maintains a herd of pedigreed wool champion Angora rabbits and ships hundreds of Angoras as breeding stock to almost every state in the Union.

Art is another of Schirrick's talents. In 1950 he was champion rural arts exhibitor in the 4-H division at the State Fair. Three years ago he drew up plans for a home, then he and his parents built it, doing most of the work themselves. He also planned and built all the kitchen cabinets for the new house.

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At one time he was president of five organizations: his 4-R club, the 4-H county Leaders' council, the county Rural Youth group, and two Catholic youth organizations.

He will receive a certificate of honor as state winner in citizenship, and will enter in competition for national awards.

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SPECIAL TO:
Watowwan county

WATONWAN COUNTY
BOY IS 4-H CONGRESS
TRIP WINNER

A Watowwan county boy has been awarded a trip to the National 4-H Club Congress in Chicago, November 30 - December 4, on his farm and home electrification project. County Agent _____ said today.

Dale Kelsey, 21, Lewisville, has been named state champion in the 4-H farm and home electric contest. His award is a trip to Chicago, provided by Westinghouse Educational Foundation.

Dale has been a member of the Fieldon Rustlers 4-H club for 10 years and has completed 48 projects in that time. He has held all offices in his local club.

He has taken the electricity project five years, beginning his first year with fixing light sockets and putting in outlets to building a facsimile radio station this year for practicing procedures of a standard radio station.

He has also repaired radios and other electronic equipment, has built a tape recorder, a public address amplifier and an inter-communication system.

Last year his family bought a television set for which Dale built a special antenna to give better reception.

Dale would like to obtain a commercial license some day so he can operate his own station.

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SPECIAL TO:
Wadena county

4-H CONGRESS TRIP
AWARDED TO WADENA
COUNTY GIRL

Marlene Mattila, 20, Sebeka, has won a trip to the National 4-H Club Congress in Chicago, November 30 - December 4, as state winner in the 4-H safety activity, County Agent _____ announced today.

She is a member of the Junior Citizens 4-H club. During her six years of club work she has completed 31 projects and has held all the offices in her local club. She has carried the safety activity four years.

Each year her outstanding work in safety has won for Marlene the county safety award. She also has won blue ribbons at the State Fair on safety demonstrations in 1949, 1950, and 1952, and in 1951 was awarded the Farm Underwriters' scholarship for \$200.

As part of her 4-H safety work she has inspected her own and her uncle's farms besides the farms of club members for fire hazards. She has prepared safety and no smoking signs for barns and driveways, made lists of antidotes for pasting on first-aid kits, and helped place a first aid text in each club home.

Marlene attended St. Cloud Teachers college for two years and is now teaching primary school children. She carries her safety work to her classroom, saving time each day for evaluation of safety practices and dismissing school every evening with a safety thought. As a teacher she is especially concerned over the problem of playground safety.

Last year, through a classroom unit, she contacted 28 families on a hunt for safety hazards in the home. This year she plans to contact 39 families.

Marlene's trip to Chicago is being provided by General Motors, Detroit, Michigan.

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Nov. 4, 1952

Special to Clay County

THREE CLAY COUNTY
CLUB MEMBERS WIN
STATE AWARDS

Three Clay county 4-H members will receive special awards as the result of winning state championships for outstanding performance in 4-H club programs, County Agent _____ announced today.

Alvin C. Swanson, 20, Moorhead, has won state championship in the 4-H tractor maintenance project and will receive a trip to the National 4-H Club Congress in Chicago, November 30 - December 4 as his award.

Orval Hurner, 21, Glyndon, will also be awarded a trip to the Club Congress as state winner in field crops.

Rhoda Senechal, 19, Sabin, has been chosen as top winner in the state in the girl's division in the 4-H speaking program. Her prize will be a set of silverware.

All three young people have been outstanding members of their local 4-H clubs. Swanson, who has been a member of the Oak Mound 4-H club for nine years, has won three trips to the State Fair on his tractor demonstrations. After receiving blue ribbons with team demonstrations for two years, this year his individual demonstration on fuel care and conservation won state championship at the State Fair. Swanson helped organize the first county tractor day and has assisted many 4-H members in the tractor project. He is a son of the Albert Swansons near Moorhead.

Hurner's record in the field crops project has paid off in a number of championships, including top placing at the State Fair this year for his exhibit of four quarts of wheat. A member of the Morken Lucky Leaf 4-H club for 12 years, Hurner has completed 83 projects and won eight grand championships, four reserve championships and 30 blue ribbons on them. He has been president and treasurer of his club and a junior leader for seven years. He is a son of Mr. and Mrs. Fred Hurner, who

-more-

operate an 800-acre farm near Glyndon.

Miss Senechal, now a sophomore at Moorhead State Teachers' college, was reserve champion in the statewide 4-H speaking contest last year and for two years was district winner. In 1951 she won top honors in home beautification demonstrations at the State Fair. She is president of the Glyndon Happy Hustlers 4-H club and vice president of the county 4-H federation. She is the daughter of the Elmer Senechals near Sabin.

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News Bureau
University Farm
St. Paul 1, Minnesota
November 4, 1952

SPECIAL TO:
Nobles county

NOBLES COUNTY
GIRL WILL ATTEND
4-H CLUB CONGRESS

Alice J. Thompson, 17, Rushmore, has won a trip to the National 4-H Club Congress in Chicago, November 30 - December 4, according to County Agent _____

_____.

She has been named state winner in the 4-H clothing project and will be awarded the trip by the Spool Cotton Company, New York.

A nine-year member of the Ransom Royal Racers 4-H club, Alice has completed a total of 69 projects and has carried the clothing project eight years.

This year Alice was named Miss Nobles County in the 4-H dress revue. She was also the county reserve clothing demonstration champion and was a State Fair blue ribbon demonstrator. In 1951 she won championship on her clothing demonstration in the county and a blue ribbon at the State Fair, besides being named an attendant to the dress revue queen. In 1950 she received the purple championship ribbon on her suit exhibited at the State Fair.

In eight years of carrying the clothing project she has won 34 blue ribbons in the county, and at the State Fair has taken four blues, two reds and one championship.

Alice started her dressmaking career at the age of nine with a dress made from a blue and white feed sack. Since then she has made and remodeled a total of 156 garments. In 1952 she made 28 new garments and remodeled six.

The daughter of the Glen Thompsons, Alice has held all the offices in her local 4-H club. She is now a freshman at the Mankato Teachers' College studying home economics.

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University of Minnesota
St. Paul 1, Minnesota
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Immediate Release

4-H ACHIEVEMENT DAY TO BE NOVEMBER 8

Four-H clubs in Minnesota will celebrate National 4-H Club Achievement Day November 8, Leonard Harkness, state 4-H club leader at the University of Minnesota, announced today.

National Achievement Day marks the end of another year of accomplishments in 4-H work. Members all over the state will be recognized for doing their part in carrying out the 1952 theme, "Serving as Loyal Citizens Through 4-H."

The 50,000 Minnesota 4-H members have promoted good citizenship in their own lives and in their homes, in their communities, and on a national and international scale this year. Projects such as food production and preservation, soil, water and wildlife conservation, as well as good farming practices, proper care and operation of equipment, and construction and care of clothing helped to promote good standards of farming and family living in their homes, Harkness said.

Last year Minnesota 4-H'ers cultivated more than 20,000 acres in field crops and 4,000 acres in home garden crops. They preserved over 140,000 quarts of food and prepared more than 200,000 meals. They raised over 15,000 animals and made or remodelled more than 63,000 garments.

Activities such as health, conservation, safety and fire prevention taught members an appreciation of the resources they are given to work with. Many 4-H'ers receive periodic health examinations and training in home nursing and first aid as a part of the health activity. Four-H groups also helped to improve the health and safety conditions in their communities by planning and participating in community-wide campaigns.

This year under the International Farm Youth Exchange program an outstanding 4-H member from the state was again sent to Europe and two farm youths from Europe were brought to live in Minnesota farm homes. This summer a group of Minnesota 4-H'ers also visited in the homes of 4-H members in Mississippi under an interstate 4-H club exchange program. Both these exchange programs are aimed at promoting better understanding among young people of different states and nations.

"Four-H work continues to promote good training in farming, homemaking and community living," Harkness said. "It gives information and understanding they can put to use immediately as well as later in life."

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* * * * *
FOR RELEASE: THURSDAY
NOVEMBER 6
* * * * *

MURRAY COUNTY HOME AGENT HONORED

Florence Sack, Murray county home agent, will receive special recognition Saturday, November 8, at the National Home Demonstration Agents' association convention in Chicago.

She will be one of 55 outstanding home agents from 35 states who will be cited for distinguished service at a special recognition luncheon at the Edgewater Beach Hotel, climaxing the annual meeting of the association.

National recognition is given each year by the association to home agents who have served 10 years or more in home economics extension work and during that time have given outstanding home and community service. As educational leaders, these agents have helped rural families in their respective counties to see their problems and find a way of solving them through a planned program of work.

Miss Sack has been with the University of Minnesota Agricultural Extension Service for 13 years, first as 4-H club agent in Murray and Big Stone counties, then as home agent in Murray county. As a home agent, she has developed a strong rural leadership program.

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University of Minnesota
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Immediate Release

HOME AGENTS TO CHICAGO MEETING

Eleven home agents from as many counties in Minnesota will attend the annual meeting of the National Home Demonstration Agents' association in Chicago November 5-8.

They are: Florence Sack, Slayton, Murray county; Ada Todnem, Pipestone, Pipestone county; Virginia Vaupel, Rochester, Olmsted county; Marguerite Sutherland, Redwood Falls, Redwood county; Margaret Jacobson, Duluth, South St. Louis county; Carol Eyford, Roseau, Roseau county; Marion Larson, Glencoe, McLeod county; Mrs. Rosella Qualey, Willmar, Kandiyohi county; Joyce McKinnon, McIntosh, East Polk county; Marion Parbst, Ada, Norman county; and Mrs. Sylvia Olson, Thief River Falls, Pennington county.

Fifty-five outstanding home agents from 35 states will be recognized for distinguished service at the convention, according to Dorothy Simmons, leader of the extension home program at the University of Minnesota.

A-9095-jbn-

BERRY GROWERS' SHORT COURSE

Minnesota berry growers will hold their sixth annual short course on November 25 on the St. Paul campus of the University of Minnesota, J. O. Christianson, director of agricultural short courses, announced today.

Experiences with a strawberry transplanting machine will be discussed by T. J. Houle, grower from Forest Lake. Other subjects to be considered include new varieties, winter killing of raspberries and control of diseases, insects and weeds.

L. C. Snyder, extension horticulturist at the University of Minnesota, is chairman of the committee of arrangements for the short course.

A-9096-jbn-

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Immediate Release

4-H SAFETY WINNERS NAMED

A girl from northern Minnesota and a county in southern Minnesota have been named winners in the 4-H farm and home safety contest for 1952, Leonard Harkness, state 4-H club leader at the University of Minnesota, announced today.

Marlene Mattilo, 20, Sebeka, was selected as the 4-H member in the state who has done most work in the interest of farm and home safety this past year. As her award she will receive a trip to the National 4-H Club Congress in Chicago November 30-December 4.

Olmsted county has been cited for having the strongest county 4-H farm and home safety program in Minnesota. A plaque will be awarded to the county by General Motors, Detroit, Michigan, which is also providing the trip for the individual safety champion.

Miss Mattilo's efforts to promote safety won for her the Wadena county safety award for four years and a \$200 scholarship from the Farm Underwriters' association in Chicago last year. She has led her club in safety surveys and hazard hunts, has prepared safety signs for driveways of 4-H homes and no smoking signs for barns and has helped place a first aid text in each club home. Now a rural school teacher, she has carried her safety work to her classroom, stressing safety practices and directing home surveys to remove hazards.

In Olmsted county a total of 415 4-H members in 32 4-H clubs worked together to promote safety every day of the year. Of these, 300 made safety surveys of their farms and homes. Seasonal aspects of safety were stressed by each of the clubs at every monthly meeting. County 4-H'ers gave 130 demonstrations on safety and participated in 19 radio programs on safety. County 4-H clubs put up six safety booths and and seven safety window displays during the year and showed safety movies at 26 4-H meetings.

Olmsted county's agricultural extension agent, Ray Aune, received the Award of Merit, highest award of the National Safety council, at the 40th National Safety Congress and Exposition in Chicago last month, for his outstanding work in safety education in the agricultural extension program.

Recently the Cascade Cruisers 4-H club of Olmsted county was named winner in the southeast district 4-H safety activities program, for carrying on the most outstanding safety campaign of 4-H clubs in eight southeastern counties during the past year.

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Immediate Release

STAKMAN TO UNESCO CONFERENCE

E.C. Stakman, chief of the plant pathology division at the University of Minnesota, will be a member of the U.S. delegation to the general conference of the United Nations Educational, Scientific and Cultural Organization in Paris beginning November 10.

Dr. Stakman was scheduled to leave St. Paul en route to Paris today (Wednesday). He will be gone approximately a month. At the conference, he will give particular attention to matters involving the natural sciences.

Also a member of the executive committee of the UNESCO National Commission, Dr. Stakman is a world famous authority on grain rusts.

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University Farm News
University of Minnesota
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SPECIAL to Weekly papers
and trade publications
Release Wed., Nov. 12 or after

PASTEURIZATION SHORT COURSE, December 9 - 11

Control, use, care and inspection of high-temperature, short-time pasteurization equipment will be taught at a special short course to be presented by the University of Minnesota Dairy Division December 9 - 11.

The High-Temperature, Short-Time Pasteurization of Milk short course is designed to acquaint workers in industry and governmental services with the principles of a relatively new method of pasteurizing milk. Rapid installation of equipment used in this method in the past few years has created numerous problems for both industry and inspection services.

The first two days of the course will be devoted to discussions and demonstrations of the operation of automatic controls, proper testing procedures, correct use of special equipment and methods of cleaning and sanitizing. This part of the course will be open to all industry, supply and inspection personnel.

The last day of the course will be devoted to phases of the high-temperature, short-time pasteurization operation which are of practical interest to government inspection workers. Because of limited facilities, this session will be restricted to regulatory officials only.

Fees for the course are \$2 for the first two days and \$3 for those planning to attend all three days.

Application blanks can be obtained from the Office of Short Courses, University Farm, St. Paul.

Application blanks are also available for these other dairy short courses at the University: Fundamentals of Dairy Manufacture, January 9 - 31; Manufacture of Dry Milk, February 2 - 7; Cheese Manufacture, February 9 - 14.

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SPECIAL to weeklies
in S.E. Minnesota

FARM MANAGERS TO MEET AT NORTHFIELD

NORTHFIELD, Minn. -- The Southeast Minnesota Farm Management Service will be marking its own 25th anniversary as well as 50 years of farm record keeping in Minnesota when members of the organization get together for their annual meeting at Northfield November 22.

The meeting is open to anyone interested in farm management.

The organization is made up of 180 farmers in 14 southeastern Minnesota counties, who keep careful records on their farm operations, both for their own guidance and to provide data for analysis by University of Minnesota farm management specialists.

The November 22 meeting will get under way at 10 a.m. in the Northfield high school with a talk on "Do Taxes Bother You?" by Harvey Bjerke, West Concord, assistant specialist in farm management for the University of Minnesota Agricultural Extension Service.

This talk will be followed by a discussion on the topic, "Why Will the Account Book Be Different Next Year?" by Truman Nodland, assistant professor of agricultural economics at the University, and a business meeting and election of officers.

At a noon dinner in the Northfield Congregational Church, farmers who have kept farm records 25 and 50 years in co-operation with the University will be honored.

The afternoon program will begin at 1:30 p.m. with a panel discussion on the question, "Does 1,000 Pounds of Fertilizer per Acre Pay?" The panel will be led by J. Russell Gute, Steele county agricultural agent. Other members will be three farmers--Joyce Ericson, Goodhue; John Howland, Northfield; and Levern Wilker, Owatonna.

The afternoon program will also include a talk by S.A. Engene, associate professor of agricultural economics at the University, on "Farm Costs and Returns." G. A. Pond, professor of agricultural economics, will speak on "Lessons Learned from 50 Years of Farm Records."

Cooperative Extension Work in Agriculture and Home Economics, University of Minnesota, Agricultural Extension Service and U. S. Department of Agriculture Cooperating, Paul E. Miller, Director. Published in furtherance of Agricultural Extension Acts of May 8 and June 30, 1914.

FARM MANAGERS TO MEET AT NORTHEFIELD

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Officers of the Southeast Minnesota Farm Management Service are Roland Zimmerman, Racine, president; Wesley Pierson, Alden, vice president; and Ray Miller, New Richland, secretary.

NOTE TO EDITOR: Directors of the Southeast Minnesota Farm Management Service--one for each of the 14 counties--are listed below. You may wish to use the name of your county director in this story.

John Harkness, Northfield, Dakota county; Harry Norton, Dodge Center, Dodge; Wesley Pierson, Alden, Freeborn; Felix Mahoney, Red Wing, Goodhue; Emil Dietz, New Prague, LeSueur; Roland Zimmerman, Racine, Mower; Russell Malmberg, Lafayette, Nicollet; Earl Kleinwort, Byron, Olmsted; George Little, Dundas, Rice; Merrill Will, Jordan, Scott; Levern Wilker, Owatonna, Steele; James Walker, Plainview, Wabasha; Ray Miller, New Richland, Waseca; Marvin Simon, Lewiston, Winona.

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SPECIAL TO:
Brown county

BROWN COUNTY
COUSINS WIN
4-H HONORS

Two cousins from Brown county have been recognized for their 4-H project work this year according to County Agent _____.

They are Maynard Bakken, 17, and Beth Anne Bakken, 18, Hanska. Maynard has been named state winner in the 4-H farm fire prevention contest and Beth Anne has won the 4-H improved ironing contest.

Both young people have been members of the Linden Gophers 4-H club nine years, Maynard completing 56 projects and Beth Anne 41 projects.

Maynard has carried the safety activity for five years. He has received a bronze medal for a safety speech and a silver medal for safety work in the county, besides being awarded two state fair trips for safety demonstrations and a \$5 cash prize for fire and safety inspections.

As state winner in the farm fire prevention contest, Maynard has won an expense-paid trip to the National 4-H Club Congress in Chicago November 30 - December 4. The trip is provided by the Farm Underwriters' Association, Chicago.

Beth Anne began doing all of her own ironing at age 13. Since that time she has learned many techniques that make both ironing and sprinkling clothes easier.

She has carried the clothing project nine years and has learned that ironing while she sews is important to give her garments a well tailored look. In 1949 she won a trip to the state fair with her demonstration on clothing, "Dress Adjustment", in which she stressed pressing while sewing.

She will be awarded a certificate and will enter national competition.

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SPECIAL TO:
McLeod County

McLEOD COUNTY
GIRL WINS
4-H HONORS

A McLeod County girl has been given state recognition for her outstanding work in 4-H home beautification, County Agent _____ said today.

She is Esmerelda Tews, 16, Hutchinson, who will receive a wrist watch as an award. The award is provided by Mrs. Charles R. Walgreen, Chicago.

A six-year member of the Acoma Acorns 4-H club, she has completed 58 projects. This year she won a trip to the state fair with her home beautification demonstration, "Dry but Interesting" using dry materials in fall and winter bouquets. She was awarded a blue ribbon on her demonstration.

Esmerelda is interested in home beautification from the standpoint of beautifying both the home grounds and the interior of the house. Last year a fire destroyed the interior of her home, and she assumed a great deal of the responsibility in improving the home furnishings.

She has taken the home beautification project four years. During that time she has cleaned the yard of tin cans, useless wire and machinery, has filled in low spots and planted flowers along the fence, barnyard and driveway. She has put up trellises, put out lawn furniture and has made a picket fence.

She worked for two years on a plot of ground that was a weed patch. First she had it plowed, disced and leveled off. Then she drew up a plan for improving the plot. She made a rock garden at the south end and sowed the rest into grass. After replanting grass seed the next year she now has a fine lawn.

A junior in the Hutchinson high school, Esmerelda is the daughter of Mr. and Mrs. Clarence K. Tews. Her future home beautification plans include a sidewalk about the house, a gravel driveway, a fireplace and a lily pool.

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Special to Washington County

WASHINGTON COUNTY
BOY IS WINNER IN
SOIL CONSERVATION

Ronald Smallidge, 13, St. Paul Park, has been named state winner in the national 4-H contest in soil and water conservation in the division for club members under 14 years of age, Club Agent _____ announces.

As his award he will receive a \$25 defense bond from Firestone Tire and Rubber Company, Akron, Ohio.

A freshman in St. Paul Park high school, Ronald is the son of the Frank Smallidges.

In the five years he has been a member of the Langdon Prairie Gophers 4-H club he has completed 40 projects and has served as president and reporter. He became interested in the soil conservation project after taking a course in conservation in school and after seeing a conservation movie shown by the assistant county agent.

Ronald's soil conservation work has included taking soil samples of the farm, drawing a map of the farm and making a scrapbook on conservation.

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SPECIAL TO:
Olmsted County

OLMSTED COUNTY
BOY RECOGNIZED
FOR 4-H WORK

James Rabehl, 19, Rochester, has been recognized for outstanding work in two state 4-H contests, County Agent _____ announced today.

He has been named state winner in the boys' division of the community relations contest and boy scholarship winner in the farm fire prevention contest.

Rabehl's record in community relations will be entered in national competition. He has given talks at 40 4-H meetings and 12 community meetings other than 4-H. He has talked 18 times on the radio over four different stations, and has written and had published 35 news stories and letters on 4-H work. He has demonstrated 28 times before clubs, farm bureaus, and at county, state and interstate events.

He feels that 4-H work "makes for happier, more efficient families, sounder and more united rural communities and better homes" and is "the finest type of American citizenship."

Rabehl will receive a \$200 scholarship for his work in farm fire prevention from the Farm Underwriters' association, Chicago. This year he was named safety champion in the county and state champion demonstrator in safety. He is a member of the 4-H club, The Cascade Cruisers, which for three years has been named county safety champion.

This year he surveyed six farms, including his own, for fire hazards. In addition to inspections, he used every means he could to arouse the public's interest in safety. He kept safety before 4-H club members by talking about it at every meeting. He wrote news items and gave radio talks and demonstrations on safety topics.

Rabehl is now enrolled in his second year at Rochester Junior College and is in his seventh year of 4-H club work.

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NOTE TO AGENT: This has been prepared for your distribution to papers in your county. Use it when you see fit.

physical examination. Believing that physical health is not complete without mental health, Joann works to develop mental health through hobbies and sports.

She has been enrolled in the health activity during all of her six years as a member of the Lake Owasso 4-H club.

A graduate of Central High School, St. Paul, she is a freshman in elementary education at the University of Minnesota this year. She is a daughter of

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NOTE TO AGENT: This is prepared for you to distribute to your County papers at your discretion.

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Special to Dakota county

THREE DAKOTA CO.
4-H'ERS GET TRIPS
TO CHICAGO

Three Dakota county 4-H'ers will be among approximately 25 club members in Minnesota who will receive all-expense trips to Chicago November 30 - December 4 to attend the National 4-H Club Congress _____ said today.

They are Marjory Malo, 17, South St. Paul; Richard Fox, 19, and Martin Fox, 17, Rosemount.

As state dress revue queen, a title which she won in competition with 88 county dress revue queens at the State Fair this fall, Marjory will receive a trip to Chicago from Simplicity Pattern Company, Inc., New York. She has been a club member for six years and in that time has completed 37 projects. She was selected as attendant to the state dress revue queen in 1950 and 1951 and for the past three years won trips to the State Fair on her clothing workmanship exhibits. A senior in South St. Paul high school, she is the daughter of the Arthur F. Malos.

Richard and Martin Fox have been awarded trips to Chicago on the basis of their outstanding records in meat animal production and for their team demonstration on making a farrowing pen, which won championship at the State Fair this fall. Cudahy Packing Company, Chicago, is providing the trips.

Both members of the Happy-Go-Getters 4-H club, Richard has been in club work nine years and Martin seven years. Though the brothers have carried a variety of meat animal projects, the pig project is their favorite. They raise purebred Poland Chinas.

They are sons of the John B. Foxes.

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NOTE TO AGENT: This story has been prepared for you to distribute to you county papers at your discretion.

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SPECIAL TO:
Martin county

MARTIN COUNTY
CLUB MEMBERS
GET RECOGNITION

Two boys and one girl from Martin county will receive special recognition this month for their outstanding work in 4-H, County Agent _____ announced today.

They are Melva Lou Roforth, 18, James Roforth, 17, and Darwin Anthony, 17, all from Granada.

Melva Lou has been named state winner in the girls' division of the community relations contest. She has been a member of the Granada 4-H club for 10 years, and has held the offices of president, vice president and reporter. In 1950 she won state championship with Lois Intlekofer for her dairy foods demonstration and was national winner of a trip to the National Club Congress.

As junior leader in her 4-H club she has assumed a position of leadership, helping and encouraging the younger members. She also has taken a leading position among the members of her church group and school class.

"I believe that nowhere in American life today is there greater opportunity for the individual in the development of happiness and responsibility than in 4-H club work on the farm and in the village," she said.

James, her brother, and Darwin Anthony will be awarded expense-paid trips to the 1952 International Livestock Show in Chicago November 28 - December 6 as state team demonstration winners in livestock loss prevention. Their trips are provided by the Northwest Livestock Loss Prevention Board, South St. Paul

James has been a member of the Granada 4-H club for 10 years. Last year he won a trip to the state fair on a livestock judging team. This year he was county champion in good grooming, runner-up in the health contest and third in the radio speaking contest.

Darwin has been a member of the Granada 4-H club for seven years. In 1950 he was named state champion on his hog yard equipment demonstration and won a trip to an Interstate Livestock Show in Sioux City, Iowa.

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Special to Chicago County

COUNTY BOY IS
STATE WINNER IN
SOIL CONSERVATION

Allen N. Croone, 19, Chicago City, has been named state winner in the national 4-H contest in soil and water conservation in the division for club members 14 years and older, County Agent _____ announces.

As his award he will receive a 17-jewel wrist watch from Firestone Tire and Rubber Company, Akron, Ohio.

A son of the Carl L. Croones, Allen is now a freshman at St. Cloud State Teachers' college.

In the 10 years he has been a member of the South Lindstrom Highlanders, he has completed 43 projects. For two years he has won first place on his soil conservation record in Chicago county. He has given demonstrations on taking soil samples for testing and on the use of organic matter in conserving soil and moisture.

Allen's work in soil conservation consists of helping his father set up a four-year crop rotation, establishing new permanent pasture, taking soil tests, improving the soil structure of the farm land, establishing four grassed waterways and practising grassland farming to help prevent water erosion. He has planted 300 red pine trees which he plans to use to replace the windbreak by the house.

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Special to Traverse county

JOYCE PUTNAM
WINS TRIP
TO CHICAGO

A Traverse county 4-H girl is one of approximately 25 club members in Minnesota chosen to attend the 1952 National 4-H Club Congress in Chicago November 30 - December 4, County Agent _____ said today.

She is Joyce Putnam, 19, Tintah, who will receive an all-expense trip to Chicago because of her winning meat animal demonstration at the Minnesota State Fair as well as her outstanding record in meat animal projects. Wilson and Company, Chicago, are providing the trip.

During the 10 years Joyce has been a 4-H member she has completed 65 projects, entered 165 exhibits, 13 different showmanship contests and seven dress revues. In the eight years she has been a beef project member, she has been raising Herefords. Last year the heifer she showed at the Crookston Winter Shows won grand championship over all breeds, as well as the grand champion showmanship and junior championship awards in the open class.

An active junior leader, she has helped direct Achievement Day dress revues and has assisted many young club members in their project work.

Now a sophomore in home economics at the University of Minnesota, Joyce is active in Glovia, the 4-H sorority, and plays in the University band.

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NOTE TO AGENT: This has been prepared for you, to distribute to your county papers at your discretion.

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SPECIAL TO:
Steele county

STEELE COUNTY
GIRL WINS
4-H RECOGNITION

Joann Granowski, 16, Owatonna, has been named state winner in the 4-H better grooming contest.

A member of the Central Citizens 4-H club, Joann was named Steele county 1952 good grooming queen and 1950 health queen. She won trips to the state fair both years to enter state competition, and received blue ribbons there. This year she was also selected as style revue queen in the county.

Joann feels that good grooming is a part of good health. She eats fruits rather than candy, and gets plenty of exercise and sleep. She likes to experiment with different hair styles and always tries to wear the proper clothes for different occasions. She knows that good posture is essential to good grooming. She also knows that she can minimize figure faults and emphasize good points.

Joann will receive a special certificate and will enter national competition in the 4-H better grooming contest.

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Special to Ramsey county

Two Ramsey County
4-H Club Members
To Chicago

Two Ramsey county 4-H club members will be among approximately 25 4-H'ers in the state chosen to receive all-expense trips to the National 4-H Club Congress in Chicago, November 30 - December 4, Mrs. Clara Oberg, 4-H Club agent, announced today.

They are Donald Zibell, 15, 1611 West County Road B, who has been named state champion in the 4-H gardening project and Joann Schmidt, 18, 2865 North Hamline, state health winner in the girls' division. Donald will be awarded the Chicago trip by Allis-Chalmers Mfg. company, Tractor Division, Milwaukee. Expenses for Joann's trip are provided by Kellogg Company, Battle Creek, Michigan, and Omaha, Nebraska.

Donald has been champion Ramsey county vegetable exhibitor for two years and has won blue ribbons on two garden demonstrations and four garden exhibits at the State Fair. Last year he received a \$100 scholarship and a trip to Cleveland for his gardening activity in the National Junior Vegetable Growers' association.

In the last few years he has done a profitable business from his half-acre of garden. Finding that the garden produced more vegetables than the family could eat, he has built a roadside stand which he calls "Don's Gardenside Vegetable Market".

A member of the Rose View 4-H club for six years, Donald is a son of the Otto Zibells.

Joann was named state health achievement winner in the girls' division at the State Fair this fall on the basis of physical condition, improvement in health and community health activities. She scored 96.9 out of a possible 100 points in her

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SPECIAL TO:
Anoka county

ANOKA COUNTY GIRL
WINS STATE 4-H
ACHIEVEMENT CONTEST

Patricia Guelker, 18, Anoka, has been named state 4-H achievement winner in the girls' division, County Agent _____ announced today.

She has been a member of the Cheerful Chuggers 4-H club for 11 years, completing a total of 95 projects. Last year she won a trip to the National Club Congress in Chicago as state winner in the girls' record contest, and received a \$300 scholarship as a national award.

She has also received awards in the poultry, garden, food preservation, home improvement, conservation, bread baking, and dress revue contests.

In her project work she has received 84 blue ribbons and six red. She has had 52 county exhibits and two state fair exhibits. She has demonstrated about 50 times in all, three times at the state fair.

Patricia has raised 200 chickens, 45 geese and 29 ducks. She has canned over 1,300 quarts of vegetables, over 800 quarts of fruits, and has prepared more than 600 meals. She has also raised two lambs and made 137 garments.

During her 11 years of club work she has been an active 4-H'er. She has held the offices of president, secretary, treasurer, reporter and historian in her local club, and has been named outstanding club member in the county. She is now the secretary of the county leaders' council and is junior leader.

Patricia says that demonstration work has been the most valuable part of 4-H work to her because it has taught her to speak and conduct herself before a crowd and has given her confidence in herself.

News Bureau
University Farm
St. Paul 1, Minnesota
November 6, 1952

SPECIAL TO:
Lac qui Parle county

LAC QUI PARLE BOY
IS STATE 4-H
ACHIEVEMENT WINNER

A Lac qui Parle county boy has been chosen as state winner in the 4-H achievement contest in the boys' division, County Agent _____ announced today.

He is Roger J. Larson, 19, Madison, who will enter national competition.

A 10-year member of the Arena Gladiators 4-H club, Roger has completed a total of 63 projects. This year he won both the grand champion and reserve champion baby beef awards in the county, and took his grand champion Hereford to the Junior Livestock Show in South St. Paul.

His barrows took the fourth, tenth and 12th places at the Interstate Livestock Show at Sioux City, Iowa, this year. He was also named winner of the individual state judging contest.

In 1951 he placed third and sixth in the county baby beef contest, and was a purple ribbon winner on his barrow at the Junior Livestock Show.

In all, he has won six trips to the Junior Livestock Show and numerous ribbons at county and state fairs and the Junior Livestock Show. In 1950 he was named State Future Farmer, and in 1951 was the first in the United States to win the "God, Home, Country" award given to 4-H members by the Lutheran church.

Roger has made good use of the knowledge on his home farm that he has gained from 4-H livestock projects. He introduced purebred hogs to the farm in 1948 and has increased the number in his project from one purebred Chester White gilt to over 100 purebred hogs. He is now a member of the Minnesota Livestock Breeders' Association and the Minnesota Swine Feeders' Association.

He has built several hog brooders for litters at farrowing time and has helped his father and brothers build a new hog house. Together they have increased the hog production on their farm 25 per cent.

Roger feels that sanitation is the cornerstone of a good livestock program. He always feeds his hogs a good balanced ration.

How Bureau
University Farm
St. Paul 1, Minnesota
November 6, 1952

SPECIAL TO:
Carver county

CARVER COUNTY BOY
IS STATE PUBLIC
SPEAKING WINNER

A Carver county boy has been named state winner in the national 4-H public speaking contest, County Agent _____ said today.

Paul Melchert, 17, Cologne, will receive a 17-jewel wrist watch for his work in public speaking and will enter national competition. The award is provided by the Pure Oil Company, Chicago.

A seven-year member of the Bongards Buay Beavers club, he has held the offices of president, vice president and reporter, and vice president of the county 4-H federation. In 1951 he was selected as the Four-Square boy in the county.

This year he won the county, district, and state public speaking contests, and received a prize of \$200. It was the second year he had entered the contest. He has taken part in local and district contests in declamation, was in the senior class play, and an all-school program. He delivered the salutatory address and gave the response on graduation as president of the senior class.

Paul was one of the 27 Minnesota 4-H members selected to visit 4-H'ers in Mississippi this year under an interstate exchange program. While in Mississippi he had the opportunity to speak over the radio and tell of the achievements of Minnesota 4-H'ers.

The son of the John E. Melcherts, Paul is now a freshman at Valparaiso university.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 6, 1952

Immediate Release

U. BULL TESTING PROGRAM

The outlook for Minnesota's dairy industry is better today, thanks to a co-operative program developed by the University of Minnesota Veterinary Clinic and five artificial breeding organizations.

In order to protect owners of bulls and of dairy cow herds bred artificially, the Veterinary Clinic has set up a bull examination program which is available on a fee basis to artificial breeding organizations and other owners of bulls used for artificial insemination.

Use of artificial insemination, growing rapidly each year, has come to be an important factor in the state's dairy industry during the past decade. Use of artificial breeding increased from practically the zero mark in 1940 to 326,000 cows, nearly 16 per cent of the state's dairy cow population, in 1951. It was used for 239,000 cows in 1950.

When bulls are brought to the Veterinary Clinic for examination, they are thoroughly checked for such contagious diseases as brucellosis, tuberculosis, vibriosis, trichomoniasis and paratuberculosis, as well as the general health and condition of the animal.

The check-up reveals one of three things: (1) the bull is in good health and condition and can immediately be put into service; (2) there are conditions which can be corrected, following which the animal can be used for service; and (3) the bull may be found to be beyond treatment and must not be used.

This initial examination is followed by periodic checkups to help maintain the health of the bull and the herds which it serves.

The five bull studs in the state which have taken advantage of the examination service are: Land O'Lakes Bull Stud, Anoka; Minnesota Valley Breeders' Association, New Prague; Northwest Breeders' Co-op, Roseau; American Breeders' Service (Northwestern Artificial Breeding Association), Duluth; and Southern Minnesota Breeding Federation, Owatonna.

The same service as received by these studs is available to other organizations and individual owners of bulls.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 6, 1952

Immediate Release

HOME ECONOMICS CLUB WORKSHOP AT U

Representatives of home economics clubs from 18 colleges and universities in Province 8, which includes Minnesota, South and North Dakota, will meet on the St. Paul campus of the University of Minnesota November 7 and 8.

Close to 100 home economics students and club advisers are expected at the meeting. Dr. Louise Stedman, director of the School of Home Economics at the University of Minnesota, will bring greetings to the group at the opening session. Dr. Ralph Kitchell, associate professor of veterinary medicine at the University of Minnesota, will speak on "Strengthening the Fundamental Values of Group Membership." Workshop sessions will be held in the afternoon, preceding a coffee hour and tour of the home economics building.

Representatives of the colleges in each of the three states will hold separate meetings Saturday morning. A tour of the Minneapolis/^{campus} is also scheduled for Saturday morning.

Anne Wardwell, 3541-35th avenue South, Minneapolis, senior in home economics at the University of Minnesota and president of Province 8, will preside at the meetings.

Juliette Myren, assistant professor of home economics at the University of Minnesota, is province adviser.

A-9100-jbn

OLMSTED COUNTY WINNER IN ELECTRIC CONTEST

Olmsted county has been named state winner in the 4-H farm and home electric contest, according to Leonard Harkness, state 4-H club leader at the University of Minnesota.

As an award for having the most outstanding 4-H rural electrification program in the state, the county will receive a plaque from the Westinghouse Educational Foundation.

During the year 25 4-H members in the county have been enrolled in the farm and home electric program, have given 13 individual demonstrations on some aspect of rural electrification and have prepared exhibits on safe and unsafe wiring.

Purpose of the program is to develop a working knowledge of electrical methods and equipment and efficient use of electricity.

A9101-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 6, 1952

November 6, 1952

FOUR-H'ERS GET CHICAGO TRIPS

Eleven Minnesota 4-H club boys and girls will receive trips to the National 4-H Club Congress in Chicago November 30-December 4 as awards for excellent performance in their project work or demonstrations.

According to Leonard Harkness, state 4-H club leader at the University of Minnesota, the 4-H'ers and the projects or demonstrations in which they have won championships include: Maynard Bakken, Hanska, farm fire prevention; Joyce Putnam, Tintah, meat animal demonstration; Carol Jenson, Albert Lea, and Stella Severtson, Twin Valley, individual bread demonstrations; Marilyn Hagemester, 6427-41st Ave. North, Minneapolis, and Judy Albrecht, 6324 Rockford Road, Minneapolis, bread demonstration team; Robert Haller, Wanamingo, dairy; Robert Kruger, Hayfield, pig; Richard and Martin Fox, Rosemount, meat animal demonstration; and Elmer Smith, Grand Rapids, health improvement.

A total of 25 boys and girls will be chosen for the Chicago Club Congress trip, which is given for outstanding accomplishments in club work. Selection of the other members who will attend the congress will be made soon.

Dale Ripley, Winnebago, 4-H state champion sheep shearer, has been awarded a trip to the International Livestock Show Nov. 28-Dec. 6 to compete in the sheep shearing contest. Other club members who will receive trips to the International Livestock Show are Darwin Anthony and James Roforth, Granada, state championship livestock loss prevention demonstration team; and Lyle Habben, Kenneth Daugherty and Marvin Bakker, Renville, and Charles Einerson, Olivia, members of the state championship livestock judging team. Both teams will compete at the Show.

State 4-H club staff members who will accompany the group to Chicago include Evelyn Harne, Mary Anderson, Robert Pinches and Harkness.

Harold Swanson, extension editor at the University of Minnesota, will act as co-ordinator of press, radio and television at the National Club Congress.

University Farm News
University Farm
St. Paul, Minnesota
November 6, 1952

U. DEPARTMENT OF AGRICULTURE REORGANIZED

Reorganization of the University's Department of Agriculture has been approved by the Board of Regents, President J.L. Morrill announced today (Friday, Nov. 7).

One of the major changes made was the renaming of the Department of Agriculture as the Institute of Agriculture. This brings the title into conformity with other similar educational units such as the University's Institute of Technology.

The Institute will have the same functions as before the reorganization. It will still include teaching on the college level and in the five Schools of Agriculture, research and agricultural extension activities.

All of the University's work in the field of agriculture, forestry, home economics and veterinary medicine will be centered in the Institute. Three major units of the newly-designated Institute will be the Agricultural Experiment Station, Resident Instruction and the Agricultural Extension Service.

The Institute will be headed by a dean, C.H. Bailey, who will continue to hold that position until his retirement, December 31, 1952. As previously announced, Harold Macy will succeed Dean Bailey, January 1.

The dean of the Institute will have five principal assistants:

1. The director of the Agricultural Experiment Station.
2. The director of Resident Instruction which includes the College of Agriculture, Forestry and Home Economics and the Office of Short Courses.
3. The director of the Agricultural Extension Service.
4. An assistant dean of the Institute who will function as administrative assistant to the dean. He will be responsible for certain administrative units and for the coordination, integration and supervision of schools of agriculture and outlying experiment stations.
5. An assistant dean in charge of the School of Veterinary Medicine.

(more)

University officials elaborating on the changes explained the set-up as follows:

The Agricultural Experiment Station, now under Dean-elect Macy, will be responsible for all research. A successor to Macy has not been named.

Resident Instruction will be under a director. The director will also be the assistant dean for the College of Agriculture, Forestry and Home Economics. The college will continue to include the Schools of Forestry and Home Economics, both headed by directors, and the academic departments. A successor to Henry Schmitz, former dean of the college and now president of the University of Washington, will be named in the near future. The new appointee, under the reorganization plan, will have the title of director and assistant dean.

The Agricultural Extension Service will operate as in the past under its director, Paul E. Miller. Miller continues to head the State and County Extension program which includes extension education work in agriculture, home economics, and 4-H in all counties of the state.

The School of Veterinary Medicine will now be a separate unit directly responsible to the dean of the Institute. An assistant dean will be in charge of the school. Thus far no replacement has been named to succeed Dr. W.L. Boyd who retired June 30.

Other units will continue to be directly responsible to the dean through an assistant dean of the Institute. These include the agricultural schools and experiment stations at Crookston, Morris, Grand Rapids and Waseca; the School of Agriculture at St. Paul; the agricultural experiment stations at Duluth and Rosemount; the St. Paul campus business office; the Office of Admissions and Records; the Information Service (formerly Publications Office); and the Library.

Teaching and research divisions (such as agricultural economics, horticulture and plant pathology) will be known here after as departments rather than as divisions. These departments will still be responsible to the Experiment Station director for their research functions and to the Resident Instruction director for their teaching functions.

University officials, especially in the Institute itself, recommended the reorganization in order to clear up many confusing situations caused by similarity of names and titles. The University's Department of Agriculture often was confused with both the Minnesota Department of Agriculture, Dairy, and Food and the U.S. Department of Agriculture.

The reorganization was also endorsed by the Advisory Council of the University's Department of Agriculture. This council is made up of agricultural leaders throughout the state.

News Bureau
University Farm
St. Paul 1 Minnesota
November 10, 1952

To all counties

For publication week of
November 17 and after

FILLERS for your column and other uses

Key to Prosperity -- The major determining factor in the agricultural situation will continue to be the level of non-agricultural activity and income, says O.B. Jesness, agricultural economics chief at the University of Minnesota. Stability at a high level of output in non-agricultural lines will maintain a good demand for farm products for consumption and industrial use, will provide a supply of goods needed by farmers and will open job opportunities for farm people not needed in agriculture, says Dr. Jesness. "The dependence of agriculture on health in the rest of the economy is greater than ever before and will continue to increase," he states.

* * * * *

Takes More than Feed -- The best of poultry feed will fall far short of expectations without adequate feeder space (24 linear feet of opening for 100 hens), a constant supply of drinkable water and shell material that is near the feeders and in good light, according to Cora Cooke, extension poultry specialist at the University of Minnesota. "A shortage in any one of these may make the difference between profit and loss," she says.

* * * * *

Add to Litter Now -- If you're using built-up litter, be sure to keep adding now while the litter can be kept dry, so that there will be at least 6 inches by December 1, suggests H.J. Sloan, poultry husbandry chief at the University of Minnesota.

* * * * *

Dairy Future? What's the future of the dairy industry? Ramer Leighton, extension dairy husbandman at the University of Minnesota, passes along this information: About 115 billion pounds of milk will be produced in the U.S. in 1952. This is 770 pounds per person. If the present rate of increase in population continues, by the time 1975 rolls around 146 billion pounds of milk will have to be produced to supply 770 pounds per person. That gives some indication of the expanding dairy market in the future.

TURKEY PLENTIFUL FOR THANKSGIVING

Many of the foods that will be featured on Thanksgiving Day menus are starred as plentiful foods this month, Mrs. Eleanor Loomis, extension consumer marketing agent at the University of Minnesota, said today.

Abundant foods include turkey, main dish of the holiday meal; filberts, almonds and walnuts for the nut bowl; grapes, homegrown apples, raisins and dried figs for the fruit bowl.

Turkey on every table is a goal for this Thanksgiving because turkey supplies are bigger than ever and prices are lower than a year ago.

In addition to the foods which suit Thanksgiving feasts especially well, the U.S. Department of Agriculture has some suggestions for everyday November meals.

In protein foods, the prospect is for more pork at lower prices. Though there are fewer pigs than last year, November is a month when many pigs come to market. Supplies of frozen fish in cold storage are heavier than last year, with cod fillets especially plentiful. Canned tuna is on the abundant list also, for salads and casseroles.

The fresh vegetable expected to be in generally heavy supply is carrots. Dry baby limas will be abundant for baked dishes.

Dairy products on the plentiful list include nonfat dry milk solids, cottage cheese and buttermilk.

Plenty of honey is available from this year's big crop for holiday goodies and for daily uses.

Lard, salad oils, vegetable shortening and table fat continue to be good buys.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 10, 1952

Immediate Release

10 4-H CLUBS WIN HEALTH AWARDS

Ten Minnesota 4-H clubs will receive awards of \$20 for outstanding work done during the past year in individual and community health activities.

The winning Minnesota clubs in the National 4-H Health Improvement contest are Twin Oaks, Aitkin county; Almond Highlanders, Big Stone county; Cromwell, Carlton county; Highwater Lads and Lassies, Cottonwood county; South Lindstrom Highlanders, Chisago county; Bass Lake, Faribault county; Swanville Sparklers, Morrison county; Cascade Cruisers, Olmsted county; Golden Opportunity, Rice county; Fish Lake-Lydia Ever-ready club, Scott county.

To improve their own health, individual members of the club had physical, dental and visual examinations during the year, had chest x-rays, were immunized for diphtheria and typhoid and vaccinated for smallpox. They also improved eating habits by giving more attention to the basic seven foods. Many members made first-aid kits for their homes and their cars.

The clubs worked for better community health by cleaning up rubbish piles, carrying on campaigns to rid homes of rodents and flies, encouraging milk pasteurization in the home, sponsoring swimming lessons with a Red Cross instructor. They helped sign up blood donors for the Red Cross and made contributions to special health drives. Many of their meetings featured talks by the county nurse and special demonstrations on health. The Twin Oaks 4-H club raised \$70 as its share of the \$1,000 contribution made by the club in the county toward the Aitkin Community hospital fund.

The awards, given by the Kellogg company, Battle Creek, Michigan, are to be used for health education.

A-9104-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 10, 1952

Immediate Release

U. AG MEN BACK FROM AFRICA, ICELAND

Two University of Minnesota Institute of Agriculture staff members are back on the St. Paul campus after leaves of absence to serve governments in widely separated parts of the world.

Skuli Rutford, assistant director of the Minnesota Agricultural Extension Service, spend three months appraising Iceland's agricultural extension program. E.H. Rinke, professor of agronomy and plant genetics, spent five months in Angola, a Portuguese territory in West Africa, as adviser to the Portuguese government on the corn production and improvement program in Angola. Both served under auspices of the Mutual Security Agency.

Dr. Rinke, one of the leaders of the University's hybrid corn improvement program, reported that in Angola, agriculture, with the exception of coffee and sisal plantations, is mainly confined to fields of about one acre, which are worked by natives. Land is free, however, and there are many thousands of acres of excellent land waiting for occupancy, he reported. The country is about $5\frac{1}{2}$ times the size of Minnesota.

Corn is the principal food of the natives, according to Dr. Rinke. However, their corn varieties are as yet primarily unimproved, and their cultural practices have been handed down from generation to generation. With the proper use of modern techniques and machinery, Angola could become a very productive country. This would help relieve the population pressure in Portugal and improve the standard of living in the territory, he said.

Rutford reported that Iceland has embarked on a forward-looking program aimed at improving agricultural production methods in order to feed a rising population. He said that Iceland, a nation of 144,300 people in 1950, has doubled in population since 1890. Today 27 per cent of the people live on farms and in villages under 300 persons, as compared with 89 per cent in 1890.

Agriculture in Iceland is based on grass with a normal sheep population of 600,000-700,000 and some 40,000 dairy cattle at present.

The country's problems include a short growing season--only 100 frost-free days--and cool weather which limits growth of many crops. The soil is kept productive by using as much of the land for grass as possible and by application of manure and commercial fertilizers. Difficulties in curing hay are being offset by increased use of grass silage and artificial drying methods.

But Iceland's farms are rapidly being machanized, and modern farm buildings are going up at a growing rate, said Rutford.

A-9108-rr

News Bureau
University Farm
St. Paul 1 Minnesota
November 10, 1952

A U. of M. AG. & HOME RESEARCH story
To all counties
For publication week of
November 17 and after

WHEN'S BEST TIME TO APPLY FERTILIZER?

That fertilizers can be applied just about as effectively in the late summer or fall as in the spring was indicated by one-year experiments conducted in southern Minnesota and the Red River Valley, County Agent _____ reported this week (today).

It has been believed in the past that commercial fertilizer is more effective if applied at planting time, and as a result approximately 90 per cent of the total fertilizer manufactured is sold in late winter and spring for spring application, the county agent said.

However, this practice has some disadvantages. It requires the farmer to spend time applying fertilizer during the busy planting season. The fertilizer manufacturer must store large supplies in preparation for spring. This not only requires a large storage capacity but also produces an exceptionally uneven work distribution.

Both of these factors contribute to increased fertilizer cost, points out J.M. MacGregor, associate professor of soils at the University of Minnesota.

Experiments reported by Clifton Halsey, assistant county agent in soil conservation for Washington county; Dr. MacGregor and O.C. Soine, agronomist at the University's Northwest Experiment Station, Crookston, show the following average yields for four crops when the fertilizer was applied at different times:

Corn--Fertilizer applied in October, 1950, 73.5 bushels per acre; April, 1951, 72.1 bushels.

Wheat--Fertilizer applied in July, 1950, 36.1 bushels per acre; October, 1950, 32.7 bushels; May, 1951, 34.6 bushels.

Oats--Fertilizer applied in October, 1950, 38.9 bushels per acre; April, 1951, 38.8 bushels.

Hay (2 cuttings in 1951)--Fertilizer applied in July, 1950, 2.96 tons per acre; October, 1950, 2.83 tons; May, 1951, 2.96 tons.

University researchers emphasize that farmers' conclusions should be based on the fact that this data is from one season's yields only.

News Bureau
University Farm
St. Paul 1 Minnesota
November 10, 1952

To all counties
ATT: HOME AGENTS

FOOD FADS DON'T
GIVE ENOUGH
NUTRITIONAL VALUE

Food fads are likely to add unnecessary expense to the food budget, whether they are wholesome or harmful, says Home Agent _____.

Some food fads, even though not harmful in themselves, may do nutritional harm if they give the homemaker a false sense of security, leading her to think that the family members are getting a well balanced diet when they actually are not.

Food fads may also crowd out of the diet the more important protective foods-- meat, milk, eggs, whole grain cereals, green and yellow vegetables, citrus fruits and tomatoes. At any rate, food fads rarely give food value in proportion to the dollars spent.

There is no substitute for a nutritionally well-balanced diet, _____ warns. She recommends including plenty of the protective foods listed above, and choosing from a wide variety. "No one food or food product offers all you need," she says.

Ina Rowe, University of Minnesota extension nutritionist, cautions homemakers against extremes in dieting. Reducing fads are popular, she says, but practically all doctors agree that the best way to lose weight is to eat plenty of the protective foods, adding or subtracting starches and sugar, which furnish little except calories.

Look with suspicion upon any diet which bears a specific label, unless it is given you by a doctor, she warns. It may not include all the foods needed for good health.

Beware, too, of diets which drastically increase or decrease the use of some foods. Some diets, for instance those eliminating salt, have good medical reasons behind them, but follow them only under a doctor's supervision.

Other common types of food fads are those advocating the so-called "health foods." Special products which claim to have miraculous nutritional value are costly for what they really do give. It is possible and usually cheaper to get the same nutrients in ordinary foods.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 10, 1952

To all counties

ATT: 4-H AGENT

PICK EASY-TO-SEW
FABRICS? SAYS
4-H (HOME) AGENT

Four-H girls in _____ county taking the clothing project for the first time may have some difficulty in choosing a suitable fabric.

"When learning to sew, it's best to buy a fabric that is easy to work with,"

4-H (Home) Agent _____ says.

Eves Whitfield, extension clothing specialist at the University of Minnesota, gives some pointers to watch for in fabrics:

1. Look for firm weaves. A fabric that slips is difficult both to cut and stitch. Make sure that it has little or no lengthwise stretch and that it will not fray.

2. Look for medium weights. Fabrics that are too sheer or too heavy present problems to the beginning sewer. Sheer fabrics tend to pull and slide. Seams must be carefully stitched and finished, for all mistakes and raw edges will show. Heavy fabrics are bulky and may be hard to handle. It is always wise for the beginner to choose a medium-weight fabric.

3. Look for texture or surface interest. A definite texture on the surface of the fabric prevents slipping during cutting and stitching. It also hides mistakes. Smooth, glossy-surfaced fabrics, such as satins, are for the experienced sewer.

4. Look for a small, all-over design. Large prints, plaids, stripes and checks need to be matched--a difficult job for the beginning sewer. Small, all-over designs are a particularly good choice for they probably have no "up and down" pattern to create cutting problems and they make stitching flaws inconspicuous.

5. Look for fabrics without nap or pile. Nap and pile fabrics are beautiful, but difficult for the beginner to work with. It's too easy to cut them so the pile in the finished garment "lays" in different directions, and the garment looks as though it is more than one color. Nap and pile fabrics are also bulky and tend to slip when stitched.

6. Look for a serviceable fabric. After putting your time and effort into making a garment, you want it to give good service. Before buying, check for a label to find the fabric's resistance to shrinking, fading and slipping at the seams.

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University Farm
St. Paul 1 Minnesota
November 10, 1952

To all counties

For publication week of
November 17 and after

NO SOFT CORN
THIS YEAR, BUT
WHAT ABOUT NEXT?

Soft corn was no problem in Minnesota this year, but what about next year? It's a hazard that haunts corn growers in the state every year, points out County Agricultural Agent _____.

On the average, one year out of three is a soft corn year in Minnesota.

Soft corn can be avoided in Minnesota, barring extreme weather conditions, by buying seed with the proper maturity rating for the area it is to be grown in, the county agent reminds _____ county farmers.

If the growing season is very cool the farmers who plant the earlier maturing varieties of those adapted to their area will fare the best.

Since the state corn hybrid law requires that all seed sold in the state must have its maturity rating attached to the seed bag, it is possible for farmers to select a hybrid adapted to their growing area. Proper selection of seed should produce mature corn under average growing conditions, according to E.H. Rinke, professor of agronomy at the University of Minnesota.

Numbers of days growing season that can be expected from emergence to maturity in the various Minnesota zones are: Northern Minnesota, 81 or less; Northern Zone, 82 to 88; North Central, 89 to 95; Central, 96 to 102; South Central, 103 to 109; Southern, 110 to 116.

More information on this subject is contained in Miscellaneous Report 13, "Maturity Ratings of Corn Hybrids," by E.H. Rinke, Gertrud Joachim and N.C. Olmeim of the University of Minnesota agronomy department. A copy may be obtained from the county agent's office.

-rjp-

COUNTY AGENT: If you don't have enough copies of Miscellaneous Report 13 to supply the demand, you may want to drop or change the last paragraph. The supply is exhausted at University Farm and it will be some time before a new edition is out. You might want to change the last paragraph to say that farmers could get additional information on maturity ratings by calling at your office.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 10, 1952

Immediate Release

CANNING WINNERS GET BONDS

Their long and outstanding 4-H records in food preservation will pay off in \$25 bonds for four Minnesota girls.

Barbara Ann Scheibel, 17, New Ulm; Rosalea Miller, 17, Loman; Marjorie Wise, 20, Nicollet; and Aurlette Ophus, 20, Pelican Rapids will receive savings bonds from Kerr Glass Manufacturing company, Sand Springs, Oklahoma.

The girls have been in club work from eight to 11 years and have carried the canning project most of the time. The number of quarts of fruits, vegetables and meats the four girls have canned adds up in the thousands. They have also helped freeze food at home. All four of them have won championships and blue ribbons on food preservation exhibits or demonstrations.

Cash awards of \$5 will be given to 15 4-H blue ribbon food preservation winners in the state by the Hazel-Atlas Glass company, Wheeling, W. Va. They are: Sylvia Petersen, Lakeville; Grace Eckman, Moose Lake; Darlene Arthur, Princeton; Jardith Staley, Britt; Joyce Bosch, Montevideo; Sharron Setterman, Atwater; Mary Jane Johnson, Litchfield; Marilyn McCrum, Thief River Falls; Shirley Kortan, Sauk Center; Helen Langemo, Kenyon; Elaine Bergeman, Welcome; Russella Ober, Chatfield; Lois Patten, Delhi; Betty J. Michel, Faribault; Shirley Demon, Waconia.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 10, 1952

Immediate Release

MORE TRIP WINNERS ANNOUNCED FOR 4-H CONGRESS

Fourteen Minnesota 4-H club boys and girls who have been selected as state winners in national contests will receive all-expense trips to Chicago to attend the National 4-H Club Congress November 30-December 4.

In addition to winning state championships, they have been chosen to compete with club members from other states for sectional and national honors.

Announcement of the 14 trip winners by the state 4-H office at the University of Minnesota now brings to 25 the number of club members from Minnesota who will attend this year's congress as state champions. Eleven trip winners were announced earlier.

Four-H members receiving trips and the national contests in which they will compete for further awards are Alvin C. Swanson, Moorhead, tractor maintenance; Donald Zibell, 1611 West County Road B, St. Paul, garden; Marland Dow, Barnesville, poultry; Orval Hurner, Glyndon, field crops; Marian Nelson, Red Wing, girls' record; Owen Swenson, Nicollet, dairy achievement; Lorraine Schafer, Olivia, canning; Betty Jean Hanson, Clarissa, food preparation; Marjory Malo, South St. Paul, dress revue; Dale Kelsey, Lewisville, farm and home electric; Joann Schmidt, 2865 North Hamline, St. Paul, health improvement; Philippa Gleason, Hamel, home improvement; Marlene Mattila, Sebeka, farm and home safety; Alice Thompson, Rushmore, clothing.

Trip winners announced earlier include Maynard Bakken, Hanska; Joyce Putnam, Tintah; Carol Jenson, Albert Lea; Stella Severtson, Twin Valley; Marilyn Hagemeister, 6427-41st Ave. N., Minneapolis; Judy Albrecht, 6324 Rockford Road, Minneapolis; Robert Haller, Wanamingo; Robert Kruger, Hayfield; Richard and Martin Fox, Rosemount; and Elmer Smith, Grand Rapids.

A-9106-jbn

News Bureau
University Farm
St. Paul 1, Minnesota
November 13, 1952

SPECIAL TO:
Faribault county

FARIBAULT COUNTY
BOY WINS STATE
4-H SCHOLARSHIP

Robert Evenson, 18, Minnesota Lake, has won a \$100 scholarship for his outstanding record in 4-H club work, County Agent _____ announced today.

The scholarship, given by the J. R. Watkins company, Winona, is offered to one boy and one girl in the state who have done outstanding club work for three or more years.

A charter member of the Lakes Lusty Learners 4-H club, Robert has been a 4-H'er seven years. During that time he has completed a total of 25 projects and 13 activities.

He was the state champion individual hog demonstrator, state reserve champion hog showman in 1948. In 1949 he helped develop a livestock loss prevention team demonstration which took the reserve state championship that year, and both the state and national championships in 1950.

In his local 4-H club, Robert has held the offices of president, vice president, secretary and reporter. Last year he was also president of his county 4-H federation. He has been a junior leader for the past three years.

As junior leader he has helped younger club members with their exhibits, demonstrations and reports. He has increased the enrollment of his club by convincing potential members to join 4-H. He has improved the parliamentary order of his club meetings by explaining to members the basic procedures.

The son of the E. H. Evensons, Robert is now enrolled as a freshman in the University of Minnesota College of Agriculture.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 13, 1952

SPECIAL to weeklies
in S. E. Minnesota
Release week of
November 17

VARIETY MARKS FARM MANAGEMENT PROGRAM

NORTHFIELD, Minn.-- Taxes, fertilizer, farm costs and returns and lessons learned from farm records will be among the subjects discussed by farmers and University of Minnesota staff members at the annual meeting of the Southeast Minnesota Farm Management Service.

The all-day meeting will take place in the Northfield high school beginning at 10 a.m. Saturday, November 22.

At a luncheon in the Northfield Congregational church, Charles O. Nichols, Northfield, will be honored for his co-operation with the University in farm record keeping dating back to 1902, when compilation of the statistics first began.

To be honored for 25 years co-operation are Ross Ferguson, Blooming Prairie; John T. Holmes, Northfield; John and Herbert Hartle, Owatonna; Fred Scholljegerdes, Waseca; and Elton Smith, Dodge Center. The honors will be presented by S. B. Cleland, extension economist in farm management at the University of Minnesota.

Harvey Bjerke, West Concord, field man for the service, will speak on "Do Taxes Bother You?" Truman Nodland, assistant professor of agricultural economics at the University, will talk on "Introducing the New Minnesota Farm Account Book."

"Does a Half Ton of Fertilizer per Acre Pay?" will be the question for discussion by a panel under the leadership of J. Russell Gute, Steele county agricultural agent. Three farmers--Joyce Ericson, Goodhue; John Howland, Northfield; and Lavern Wilker, Owatonna--will make up the panel.

S.A. Engene, associate professor of agricultural economics at the University, will address the group on "Farm Costs and Returns." G.A. Pond, professor of agricultural economics, will speak on "Lessons Learned from 50 Years of Farm Records."

A business meeting and election of officers will also be held during the day. The meeting is open to anyone interested in farm management.

-II-

Cooperative Extension Work in Agriculture and Home Economics, University of Minnesota, Agricultural Extension Service and U. S. Department of Agriculture Cooperating, Paul E. Miller, Director. Published in furtherance of Agricultural Extension Acts of May 8 and June 30, 1914.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 13, 1952

Immediate Release

PASTEURIZATION SHORT COURSE

A short course designed to acquaint workers in industry and government services with the principles of high-temperature, short-time pasteurization of milk will be conducted on the St. Paul campus of the University of Minnesota December 9-11.

Members of the University's Dairy Department, who will conduct the course, point out that rapid installation of equipment used in this relatively new method of pasteurization has created numerous problems for both industry and inspection services.

The first two days of the High-Temperature, Short-Time Pasteurization of Milk Short Course will be devoted to discussions and demonstrations of the operation of automatic controls, proper testing procedures, correct use of special equipment and methods of cleaning and sanitizing. This part of the course will be open to all industry, supply and inspection personnel.

The last day of the course will be given over to phases of the high-temperature, short-time pasteurization operation which are of practical interest to government inspection workers. Because of limited facilities, this session will be restricted to regulatory officials.

Application blanks for the course may be obtained from the Office of Agricultural Short Courses, University Farm, St. Paul. Application blanks are also available for these other dairy short courses at the University: Fundamentals of Dairy Manufacture, January 5-31; Manufacture of Dry Milk, February 2-7; Cheese Manufacture, February 9-14.

A-9107-rr-

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 13, 1952

Immediate Release

SPECIALIST TELLS HOW TO CARE FOR DEER

Proper care of the thousands of deer which will be killed in Minnesota during the current hunting season will make possible a valuable addition to the meat supply, a University of Minnesota livestock specialist pointed out today.

H.G. Zavoral, extension animal husbandman at the University, made these suggestions:

After the deer is shot, bleed it promptly. If possible, stick the animal before it is dead. Stand in back and run the sticking knife 4 or 5 inches into the neck next to the brisket and cut sideways to sever the veins. Repeat if the blood does not gush out.

Dress the deer immediately. Most hunters open the carcass from neck to tail. A long cut helps cooling but may soil the car more in hauling. Consequently, an opening only about 12 to 18 inches long from the brisket back may be better.

Cut through the skin first and then carefully through the muscle. Holding the blade of the knife between the first two fingers, cut outward, rolling out the paunch and intestines.

Next, cut carefully around the rectum and pull the large intestine into the cavity and out. If you can't do this, tie a string around the large intestine as close to the end as possible, cut it and pull it out.

Next, cut the chest diaphragm close to ribs, reach in with the knife and cut the windpipe ahead of the lungs and pull out the heart, liver and lungs. Hang the severed heart and liver on the branch of a tree. When cool put them back in the body cavity.

Hang the deer in a shady place, preferably by the head, with a clothesline. Wipe the inside of the cavity with a clean dry cloth. Do not use water unless the insides are badly shot up. Snow balls can be used to absorb blood.

Keep the cavity wide open with a stick sharpened at both ends. A soft-nose bullet may tear up a lot of meat. If possible cut away all the meat damaged by the shot, put it in salt cold water for a few hours to draw out the blood and use this meat first.

Hang the deer up in a storage place just above freezing for at least 7 to 10 days and let it age. After that the carcass may be skinned and cut up.

To care for the hide properly, spread it raw side out and sprinkle several handfuls of salt over it. The salt will absorb the blood and water.

A-9109-rr & hs

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 13, 1952

Immediate Release

FARM MANAGEMENT SERVICE TO MEET AT NORTHFIELD

NORTHFIELD, Minn.—A double anniversary will be observed by the Southeast Minnesota Farm Management Service when the organization holds its annual meeting here on November 22.

The Service will be noting a half century of farm record keeping in Minnesota as well as its own 25th anniversary.

The meeting will get under way at 10 a.m. in the Northfield High school with a talk on "Do Taxes Bother You?" by Harvey Bjerke of West Concord, field man for the Service. Truman Nodland, assistant professor of agricultural economics at the University of Minnesota, will speak on "Introducing the New Minnesota Farm Account Book."

At a luncheon in the Northfield Congregational church, farmers who have kept farm records 25 years in co-operation with the University will be honored.

The afternoon program will start at 1:30 o'clock with a panel discussion on the question, "Does a Half-Ton of Fertilizer per Acre Pay?" The panel, led by J. Russell Gute, Steele county agricultural agent, will consist of three farmers--Joyce Ericson, Goodhue, John Howland, Northfield, and Levern Wilker, Owatonna.

S. A. Engene, associate professor of agricultural economics at the University, will speak on "Farm Costs and Returns," and G. A. Pond, professor of agricultural economics, will discuss "Lessons Learned from 50 Years of Farm Records."

There will also be a business meeting and election of officers.

The meeting is open to anyone interested in farm management.

The Southeast Farm Management Service is made up of 180 farmers in 14 southeastern Minnesota counties who keep careful records of their operations, both for their own guidance and to provide data for analysis by University of Minnesota farm management specialists.

Officers of the organization are Roland Zimmerman, Racine, president; Wesley Pierson, Alden, vice president; and Ray Miller, New Richland, secretary.

STATE 4-H WINNERS ANNOUNCED

State winners in 4-H achievement, citizenship and community relations, as well as in other national contests, were announced today by Leonard Harkness, state 4-H club leader at the University of Minnesota. They will compete for sectional and national honors with club members from other states.

Roger J. Larson, 19, Madison, and Patricia Guelker, 18, Anoka, were named state winners in achievement for excelling in a variety of projects and for their long-time 4-H records. Roger has been in club work 10 years and has completed 63 projects. In her 11 years as a club member, Patricia has completed 95 projects. They will receive statues symbolizing 4-H achievement.

Selected as the 4-H boy and girl in the state who best exemplify good citizenship were Donald Schirrick, 21, Red Lake Falls, and Catherine Keltgen, 19, St. Peter. Both will receive certificates of honor.

Cited for their accomplishments in the field of community relations were Melva Lou Roforth, 18, Granada, and James Rabehl, 18, Rochester.

For work done in farm fire prevention, Rabehl and Carol J. Lokensgaard, 17, St. Peter, will each receive a \$200 scholarship from Farm Underwriters' association, Chicago.

Other state awards include a gold-filled medal and certificate of honor to Wilbert Glynn, 16, Wykoff, for top placing in forestry; a \$25 defense bond to Ronald Smallidge, 13, St. Paul Park, for winning the soil and water conservation contest for the group under 14 years of age; a set of silverware to Rhoda Senechal, 19, Sabin, public speaking; fountain pen and pencil sets to Mary Lou Talbert, 18, Rice, Ralph Burski, 18, Sauk Rapids, and Jerome Gernes, 16, Winona, soil and water conservation demonstrations.

Also picked as state winners to compete for further honors are Beth Anne Bakken, 18, Hanska, improved ironing; and Joanne Granowski, 16, Owatonna, better grooming.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 13, 1952

Immediate Release

SUNSHINE PRODUCES LARGE SUPPLY OF FLOWERS

Local greenhouses have been producing a large supply of cut flowers of exceptional quality this fall because of the unusual amount of sunshine, R. E. Widmer, floriculturist at the University of Minnesota, said today.

Carnations and both large and small-flowered types of chrysanthemums are among the flowers available in above-average quantities. Besides being more plentiful than usual, they are also longer lasting, according to Widmer. The abundant sunshine builds up the carbohydrate supply in the plants and these carbohydrates in turn increase the lasting quality of cut flowers in the home.

According to the Weather Bureau at Wold Chamberlain Field, Twin Cities residents received 73 per cent of total possible sunshine in September and 75 per cent in October, as compared to monthly averages of 60 per cent for September and 53 per cent for October. Sunshine in early November has been 75 per cent in contrast to the monthly average of 39 per cent.

A-9112--jbn-

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 14, 1952

SPECIAL to TC dailies, wire services

Immediate Release

FORESTERS TO EASTERN MEETINGS

F.H. Kaufert, director of the University of Minnesota School of Forestry, will attend a meeting of the Council of Forestry School Executives in Syracuse N.Y., November 15-18 and the Council of the Society of American Foresters in Montreal, Canada, November 19-21.

Dr. Kaufert served as chairman of the Forestry School executive group last year and is serving his second term on the Council of the Society of American Foresters. The Society has a membership of nearly 10,000 in the U.S.

Professors A.E. Schneider and H.H. Chapman of the Minnesota School of Forestry will attend the joint meeting in Montreal of the Society of American Foresters and the Canadian Institute of Forestry.

Professor Chapman is a former president of the Society and winner of its Schlich medal, an award which has been presented only to the late President Roosevelt and three foresters during the 20 years since its establishment.

University Farm News
University of Minnesota
St. Paul 1 Minnesota
November 15 1952

HELPS FOR HOME AGENTS

(These shorts are intended as fillers for
your radio programs or newspaper columns.
Or adjust them for news stories.)

In this issue:

Electrical Appliances Prove Worth
Fresh Relish
Short Cuts to Baked Beans
A Stitch in Time
Thrift with Shoes

Plenty of Room for Buttoning
Planning Color Scheme
New Wallpaper
Curtains Change Shape of Window
Consider Needs of Room

Electrical Appliances Prove Worth

Recent research provides some solid facts to back up arguments for investing in such equipment as a washing machine, dryer or vacuum cleaner. For example, a conventional washing machine with a wringer, studies show, saves the average homemaker 1,080 hours during its expected lifetime over hand washing. The automatic washer rolls up an impressive saving of 2,417 hours for the average homemaker over hand laundry during its usable period. In addition to the hours saved, a washing machine of any kind saves more than enough energy to justify its cost.

With an automatic dryer, 2,973 hours can be saved, compared with line drying, during the life of that piece of equipment. Of all home appliances, good laundry equipment is the greatest time saver for money invested.

The cost of a vacuum cleaner can be justified easily, too. Research shows that 344 hours will be saved during the expected lifetime of the sweeper when the average homemaker changes from hand methods of cleaning to vacuum cleaner methods.

These are a few examples of how good equipment, when used to the fullest extent, will release valuable time that might be used for other homemaking or civic jobs or for needed relaxation.

-jbn-

FOODFresh Relish

For an easily made, flavorful relish featuring several seasonal foods, here's a recipe suggested by home economists of the U. S. Department of Agriculture: 1 pound or 2 cups of fresh raw cranberries; 1 large orange; 1 cup sugar; and, if desired, 1 cup chopped celery and $\frac{1}{2}$ cup chopped nut meats.

To make, put the washed cranberries and the orange (peel included, but not seeds) through a food chopper. Mix thoroughly with the sugar and the chopped celery and nuts. Let stand in a cool place at least a half hour to blend flavors, but don't try to keep the relish more than a few days.

* * * * *

Short Cuts to Baked Beans

Baked beans are a popular and hearty cold-weather dish. But they do take a long time to prepare, so homemakers will welcome some kitchen short-cuts for speeding dry beans from package to table. The short-cuts have been developed through research in the Bureau of Human Nutrition and Home Economics of the U. S. Department of Agriculture.

In the first place, the food specialists say, beans and whole peas should be soaked before cooking to take up part of the water lost in drying. For full natural flavor and to save vitamins and minerals, use the soaking water for cooking.

A quick and effective way to soak beans and whole peas is to start by boiling them with the water for 2 minutes. Remove from the heat, soak 1 hour and they are ready to cook. Even if soaking overnight fits your plans better, it is still an advantage to start with the 2-minute boil because there will be fewer hard skins. If the beans or peas are to be soaked overnight in a warm room, the brief boil will keep them from souring.

For beans that take an hour or longer to boil, cooking time may be shortened appreciably by adding baking soda to the soaking water. How much soda to use will depend on hardness of the water. With most tap waters, adding $\frac{1}{8}$ teaspoon soda to the water allowed for 1 cup of dry beans will shorten cooking time about one-fourth. Measure soda carefully and add to the soaking water - at the start. Too much soda will affect bean flavor and nutritive value.

CLOTHINGA Stitch in Time

Family clothing will always need some repairs. Fortunately, a good mend doesn't show from a short distance. The secret of good mending is to darn thin spots before they turn into holes and to patch small holes before they grow larger.

* * * * *

Thrift with Shoes

Leather shoes, particularly those of the men and boys in the family, often take a beating in fall and winter.

Leather chemists of the U. S. Department of Agriculture say that mud and water -- as well as excessive dryness -- can ruin leather, but that proper oiling and greasing protects it. To save on shoe bills, they stress the need for keeping shoes clean, pliable and water-resistant. Boots and shoes for farm or other heavy outdoor use need greasing. Those for street wear need polishing only, although it may help to grease or oil the soles of these shoes. Frequent polishing with flexible wax polishes is not for appearances only. It keeps leather soft and pliable and gives it a finish that helps turn off water and prevents an accumulation of dust and dirt.

* * * * *

Allow Plenty of Room for Buttoning

When sewing on large buttons, insert a match stick under the button. If the button is large enough to require a smaller button on the reverse side, insert a second match stick under the small button, too. Then you'll have plenty of room between button and fabric to permit ease in buttoning.

* * * * *

HOME FURNISHINGSPlanning Color Scheme

An easy way to plan a color scheme for a room is to start with a drapery fabric, a rug or a picture that will occupy an important place in the room. Build around it by using either the same or related colors for larger areas.

* * * * *

New Wallpaper

In planning new wallpaper one question is whether to have figured or plain walls. The answer depends on the amount of pattern there will be in the rest of the room. Patterns in the furniture, draperies, rug and then on wallpaper would be too confusing. Remember that plain space often is a relief to the eyes. If pictures are to be used on walls, the paper should either be plain or quite subdued. A distinct pattern would hide the details of the picture.

* * * * *

Curtains Change Shape of Window

When hanging curtains the shape of the window must be considered. If the window is wide, the curtains can be placed over the glass itself. However, this cuts off much of the available light from the windows. A high window can be made to look shorter by using a valance at the top. A valance across several windows in a row makes them look like one, giving a more unified effect.

* * * * *

Consider Needs of Room

Before buying furniture, study the room for its needs. Is it large enough to accommodate massive furniture or would furniture with lighter lines be more suitable? Small rooms will look even smaller when heavy-looking pieces are put into them. A bulky overstuffed chair or davenport does not mean it is more sturdy or even more comfortable than a lighter one.

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News Bureau
University Farm
St. Paul 1, Minnesota
November 17, 1952

To all counties
For publication week of
November 24 and after

FILLERS for your column and other uses

Dairying in Good Spot -- Increasing population places dairying in a strong position, point out University of Minnesota extension dairymen. Dairy cow numbers are about the same as 22 years ago. Actual production of milk has increased about 16 per cent in that period, while population has increased 27 per cent. During the past 10 years the supply of whole milk has actually decreased about 100 pounds per person. This decrease has been largely reflected in a decrease in the amount of butter manufactured.

* * * * *

Depression? Worried about a depression? O. B. Jesness, agricultural economics chief at the University of Minnesota, sees nothing akin to the storm clouds of the 1930's on the horizon. "If depression strikes, we are better equipped with programs to deal with such a situation than formerly. Our understanding of what is involved is better. Moreover, conditions basically are better than they were years ago." But he cautions that this should not be interpreted to mean that we have run out of problems.

* * * * *

Get Full Value -- To get full value from manure, conserve the liquid by using plenty of bedding and tight gutters and floors in the stable, suggests Harold E. Jones, extension soils specialist at the University of Minnesota.

* * * * *

Last Chance -- Right now looks to be just about our last chance to put aside sod or dirt to prevent anemia in little pigs, reminds L.E. Hanson, professor of animal husbandry at University Farm. Delay may mean that the ground will be frozen hard and covered with deep snow.

* * * * *

No Lay, No Pay -- When a hen stops laying, she stops paying for her keep, reminds Cora Cooke, extension poultry specialist at the University of Minnesota. For that reason, Miss Cooke urges culling the laying flock throughout the year. Keep in mind, however, Miss Cooke says, that among the "no-lay" group right now are pullets 6 months or older that haven't started to lay.

News Bureau
University Farm
St. Paul 1, Minnesota
November 17, 1952

To all counties

ATT: HOME AGENTS

DON'T STUFF
TURKEY NIGHT
BEFORE

One time-saving practice not recommended to the Thanksgiving cook is stuffing the turkey in advance. Don't put the stuffing in until you are ready to roast the turkey, warns Home Agent _____.

Because of danger of spoilage and food poisoning, the U. S. Department of Agriculture warns against stuffing the bird the night before, and also against stuffing before freezing the turkey.

Safety should never be sacrificed for easier methods. However, homemakers can save time, the food specialists suggest, by making the stuffing the day before and then keeping it in the refrigerator overnight. String, needle or skewers can also be assembled the day before so the job can be done in a few minutes.

Put the stuffing in just before the turkey is to go into the oven. In roasting, allow enough time and use the right oven temperature to insure cooking to the very center of the stuffing.

Roast at 300 to 325° F. in an uncovered pan according to a time schedule suited to the weight of the bird. Roasting at this temperature allows the heat to penetrate slowly and thoroughly, holds in the juices and prevents overcooking the outside of the bird before the inside is done.

As soon as possible after serving time, remove the stuffing that is left in the cavity and refrigerate both leftover stuffing and poultry.

-jbn-

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 17, 1952

To all counties

ATT: HOME AGENT

ELECTROLYSIS
CAUSES SPOTS
IN WASH DRESSES

Those brown spots and holes that sometimes appear in cotton wash dresses when ironed are not due to insects or washing equipment, Home Agent _____ re-ports.

According to the U. S. Department of Agriculture, they come from the reaction of two different metals in zippers when garments are wet.

The reaction will not take place, however, unless a substance that will conduct electricity is also present. Such substances are minerals from hard water, salt from liquid starch and detergents not removed by rinsing.

Many of the new zippers are made of both copper and aluminum. When dresses with these zippers are sprinkled and rolled up for ironing, electrolysis may take place, giving off acids that injure the fabric. Then when the dresses are ironed the damaged places show up as brown spots or holes.

The U. S. Department of Agriculture offers some suggestions on how to protect dresses which have two-metal zippers against brown spots and holes:

(1) If possible, avoid sprinkling and rolling up for ironing by pressing the dress as soon as it is dry enough to iron.

(2) If it must be dampened for ironing, leave the fabric around the zipper dry and dampen the rest of the dress.

News Bureau
University Farm
St. Paul 1, Minnesota
November 17, 1952

To all counties

For publication week of
November 24 and after

FARMERS WARNED
ABOUT SEED OATS

_____, _____ county agricultural agent, warned this week (today) against unjustified claims and high prices asked for Missouri O-205 seed oats.

Prices of \$5 to \$10 per bushel have been asked for this variety, according to reports received by agronomists at the University of Minnesota. Writing in The Minnesota Seed Grower, C.A. Helm, secretary of the Missouri Seed Improvement Association, which brought out the variety, says that \$3 to \$4 should be the top price range for the seed.

According to Helm, Missouri produced over 100,000 bushels of this seed in 1952. This, plus other state's production, should insure an adequate supply. Those who represent themselves as having a "corner" on the 1952 seed supply are in error.

Dr. W. M. Myers, Chief of the Department of Agronomy and Plant Genetics at the University of Minnesota, said, "In yield tests to date Missouri O-205 has been a good-yielding variety, but so far I can say it is no better than some of the varieties on the Minnesota recommended list. It is certainly quite evident that it is not enough better to warrant the high prices being asked. There is a very good probability that it won't be placed on the recommended list this winter, since it will need three years of testing.

"This variety of oats has been only moderately susceptible to race 45 of crown rust, and in this respect it seems to be a little better than varieties on our recommended list, but I don't know if it would stand up under a severe epidemic," added Dr. Myers.

The Minnesota Crop Improvement Association at the University Farm has received many letters asking if Missouri O-205 seed oats could be certified. Ward Marshall, in charge of seed certification, says it cannot be certified and suggests that farmers consult Extension Folder 22, Improved Varieties of Farm Crops, to learn which varieties are recommended for Minnesota. Single copies of this folder may be obtained free from county agents or from the Bulletin Room, University Farm, St. Paul 1, Minnesota.

News Bureau
University Farm
St. Paul 1, Minnesota
November 17, 1952

SPECIAL TO:
Winona county

WINONA GIRL
WINS \$100 4-H
SCHOLARSHIP

A girl from Winona county has won a \$100 scholarship for her outstanding record in 4-H club work, County Agent _____ said today.

Cornelia Gernes, 18, Winona, has been named state winner of the J. R. Watkins Company scholarship. The scholarship is offered to one boy and one girl in Minnesota who have done outstanding club work for three or more years.

Cornelia has been a member of the Wilson Fireflies 4-H club for 10 years. During that time she has completed 48 projects. She has been a junior leader of the club for the past four years.

She feels that her most outstanding 4-H work has been on demonstrations. In 10 years as a 4-H'er, she has given 35 demonstrations and has won blue ribbons each time except once. In 1950 she won the county bread baking demonstration championship and was named county demonstrator with her clothing demonstrations. She has demonstrated at the state fair three times, winning three blue ribbons.

In 1950 and 1952 Cornelia won the county radio speaking contest, and took district radio speaking championship in 1950. She was county style revue queen in 1951 and won a red ribbon at the state fair.

Cornelia graduated from Cathedral High school, Winona, in 1951, as salutatorian of her class. She is now enrolled as a sophomore in Winona State Teachers college.

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University Farm
St. Paul 1, Minnesota
November 17, 1952

Res. at farm

A U of M AG & HOME RESEARCH story
To all counties
For publication week of November
24 and after

SOWS DO WELL
ON GRASS SILAGE

Grass silage for sows?

They did all right with it in their ration in University of Minnesota experiments, County Agent _____ reported this week (today).

In experiments under the direction of Dr. L. M. Winters, professor of animal husbandry, hogs sheltered last winter in portable houses were fed grass silage in a long, square-bottom trough. Yearling sows got 10-12 pounds of the silage and gilts 8-9 pounds. They were fed grass silage from fall right up to farrowing.

The sows fed grass silage got along with only 6 pounds of grain per day per animal instead of the customary 9-10 pounds. The grain consisted of ground oats, ground corn and 40 per cent hog concentrate. It was placed on top of the silage in the trough. The sows came through the winter in fine shape, with the silage keeping their bowels in good condition.

Hogs getting grass silage had less trouble with intestinal worms. The lactic acid in the silage, as in skim milk or buttermilk, seems to act as a repellent.

Dr. Winters warns that grass silage feeding should be watched closely when the sow comes up to farrowing and that the animal should be taken off silage following farrowing because of a tendency to scour.

He points out that high quality ground alfalfa might give results just as good as or better than the silage did.

News Bureau
University Farm
St. Paul 1, Minnesota
November 18, 1952

Special to Itasca County

ITASCA COUNTY
BOY WINS HONORS

Elmer "Bud" Smith, 19, Grand Rapids, has been named a red award winner to the 4-H National health improvement program, County Agent _____ announced today.

As state winner in the boys' division of the 4-H health contest, an honor which was announced during the Minnesota State Fair, Bud will receive an all-expense trip to the National 4-H Club Congress in Chicago November 30-December 4. In the state contest, he scored 97.3 points in his physical examination.

A veteran of 10 years in 4-H club work, during all of which he took part in the health activity, Bud is a member of the Pokegama 4-H club. His 4-H projects have included gardening, dairy, farm mechanics and home beautification.

Bud is a graduate of Grand Rapids high school, where he took part in football and tumbling. He is now in his second year in Itasca Junior college at Coleraine.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 18, 1952

SPECIAL to trade outlets

LUMBERMEN'S SHORT COURSE FEBRUARY 2-28

Lumber dealers, yard employees and others interested in the building material supply industry will attend the annual four-week Lumbermen's Short Course on the St. Paul campus of the University of Minnesota February 2-28.

J. O. Christianson, director of agricultural short courses at the University, urges immediate application for a place in the course, as enrollment will be limited to the first 45 students who apply.

The course is offered by the University of Minnesota School of Forestry in cooperation with the Independent Retail Lumber Dealers' Association, Northwestern Lumbermen's Association and the Minnesota Hoo Hoo clubs.

Training offered at the short course will include construction and estimating, products subjects, business subjects, general subjects and field trips, according to F. H. Kaufert, director of the University's School of Forestry and chairman of the arrangements committee for the course.

Construction subjects will include blueprint reading, building cost estimating, construction and farm structures. Product subjects will include Lumber properties and products, insulation, paints, flooring and hardware. Among business subjects to be taught are advertising, accounting, credits, collection and salesmanship. General subjects will include FMA regulations, store and yard arrangements and new ideas and trends in the building supply industry.

Students will take field trips to millwork, roofing, paint and insulation manufacturing plants and other points. Occasional evening round table discussions on important topics will also be held.

Subjects will be taught by experienced University of Minnesota instructors. On the last day of the course there will be a graduation banquet, when certificates will be presented to those who successfully complete the course.

Assistance in arranging lodging and meals may be obtained from the Office of Agricultural Short Courses.

Additional information may be obtained from the Office of Agricultural Short Courses,

St. Paul 1, Minnesota

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 18, 1952

Immediate Release

4-H CLUB OF THE YEAR NAMED

The Beltrami 4-H club of West Polk county has been named 4-H Club of the Year.

Selection of the Beltrami club as the outstanding 4-H group in the state was announced today by Leonard Harkness, state 4-H club leader at the University of Minnesota. Clubs in every county in the state competed for the honor.

In recognition of the work done by the adult leaders who have worked with the group, one of them, Wayne Ewing, will receive an all-expense trip to the National 4-H Club Congress in Chicago November 30-December 4. Mrs. Ewing, who with her husband has been an adult leader of the club for the past six years, will accompany him to Chicago.

The club has a membership of 70 and has had a record of 100 per cent completion of all projects since 1945. Members of the club have exhibited extensively at county fairs and achievement days, have participated in county contests, held a tour and an annual achievement banquet.

Many individual members have won special honors. Doris Carlson and Janice Ewing received championship honors at the Crookston Winter Shows and a blue ribbon at the 1952 Minnesota State Fair for their dairy foods demonstration on pasteurizing milk. Two others won trips to the 1952 State Fair, Kenneth Ewing as a member of the judging team and Forrest Mosher, who was chosen to go attend Minnesota Farm Boys' camp, where he received special athletic awards and was elected honorary camper for 1953. Earlier in the summer Doris Carlson was selected as one of the 27 4-H members in the state who went to Mississippi under the Minnesota-Mississippi exchange program.

Adult project leaders of the club are Mrs. Warren Carlson, Mrs. Oscar Aanden, Mrs. Paul Fisher, Mrs. Leland Hanson, Carl Carlson and George Gast, Jr.

A-9113-jbn-

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 18, 1952

Immediate Release

4-H WINNERS GET GOLD WATCHES

Beverly Leuthner, 20, St. Bonifacius, and Richard Sample, 17, Spring Valley, have been named state winners in the 4-H leadership contest, the state 4-H club office at the University of Minnesota has announced.

As junior leaders in their local 4-H clubs, they have helped younger members with their projects and records, solicited new members and helped adult leaders plan the yearly program. They have held offices in their own clubs as well as in the county 4-H council and have been active in other youth groups and in community affairs. Both have won previous trips to National Club Congress in Chicago on their project work.

Beverly and Richard will receive gold wrist watches as their awards.

Other 4-H club members who will receive gold watches as state winners of contests they have competed in are: Esmerelda Tews, 15, Hutchinson, home grounds beautification; Paul Melchert, 17, Cologne, public speaking; Marlene Meyer, 16, Spring Valley, dairy foods demonstration; Shirley M. Lien, 17, and Virginia Lien, 20, Jackson, dairy foods team demonstration; Raymond Miller, 20, Oakland, meat animal achievement; Allen N. Croone, 19, Chisago City, soil and water conservation; Catherine Lee Nelson, 17, Blue Earth, frozen foods.

A-9114-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 18, 1952

Immediate Release

1953 FOOD PICTURE SIMILAR TO 1952

What's the outlook for food and food prices in 1953?

Mrs. Eleanor Loomis, ^{extension} consumer marketing agent at the University of Minnesota, says that consumers can expect to find the food picture next year about as it was in 1952. Approximately the same amount of food will be on the market at about the same prices.

That's the over-all picture, but prices will vary from one food to another. For instance, there will be more beef and veal, chicken, frozen fruits, juices and vegetables. There will also be more fresh vegetables and sweet potatoes. But the prospects are for less pork, eggs, turkey and butter.

Prices may be a little lower on beef and veal, lamb, chicken and fish, as well as frozen fruit juices and fresh vegetables. However, consumers can expect to pay a little more for turkey, eggs, butter, some cereal products, dry beans and peas, and canned vegetables.

A-9115-mm

BERRY GROWERS MEET TUESDAY

Frank Gilbert, superintendent of the Wisconsin Branch Experiment Station, Sturgeon Bay, Wisconsin, will be a featured speaker at the sixth annual Berry Growers' short course on the St. Paul campus of the University of Minnesota November 25.

Gilbert will discuss weed control and fertilizers for strawberries. New varieties, winter killing of raspberries, insect and disease control are other subjects on the program.

Speakers, besides Gilbert, will be W.H. Alderman, chief of the horticulture department at the University of Minnesota; A.N. Wilcox and W.G. Brierley, also of the horticulture department; T.H. King, plant pathologist and A.G. Peterson, entomologist, University of Minnesota; and Walter Trampe, nursery inspector in the State Department of Agriculture, Dairy and Food.

A discussion on experiences with a strawberry transplanting machine by T.J. Houle, grower from Forest Lake, will conclude the program.

About a hundred growers are expected to attend the one-day Short Course

A-9116-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 18, 1952

Immediate Release

COLLEGE OF AGRICULTURE STUDENTS GET SCHOLARSHIPS

Eight scholarships ranging from \$100 to \$300 have been awarded to students in the College of Agriculture, Forestry and Home Economics at the University of Minnesota.

Frederick J. Alderink, Pease, senior in agriculture, has been granted the Borden Agricultural Scholarship Award of \$300. Mrs. Patsy Peterson, 5016-11th Avenue south, Minneapolis, senior in home economics, received the Borden Home Economics Scholarship Award of \$300.

The Gardner Cowles, Jr., WNAX scholarships of \$300 each went to Eileen C. Farniok, Delano, sophomore in home economics, and to Delmont Lieske, Franklin, sophomore in agriculture.

Donavon E. Grenier, Red Lake Falls, senior in technical agriculture, was awarded the F.H. Peavey and company-Van Dusen Harrington company undergraduate scholarship of \$300.

Other recipients of scholarship awards are Harvey F. Windels, Sebeka, student in pre-veterinary medicine, the Sears-Roebuck Foundation sophomore scholarship of \$250; Daren K. Gislason, Minneota, senior in agriculture, the Burpee award of \$100 in horticulture; and Gladys Ann Lorenzen, Westport, senior in agriculture, the Minnesota Garden Flower Society scholarship of \$100 in memory of Roger S. Mackintosh.

Scholarship, promise of leadership and character were among the bases for making the awards.

9117
A-9118-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 19, 1952

SPECIAL to weeklies and trade
papers

For release week of November
24 and after

DRY MILK, CHEESE SHORT COURSES OFFERED

Special training for men in Minnesota's rapidly expanding dry milk industry and its growing cheese industry will be provided in two short courses to be given by the Dairy Department of the University of Minnesota this coming winter.

During the week of February 2 - 7 the Manufacture of Dry Milk Short Course will be presented.

W. B. Combs, professor of dairying and chairman of the arrangements committee for the course, states that the instruction is designed to give the student both basic and practical knowledge of the manufacture of liquid and dry concentrated milks. A unique feature of this course is that very few lectures are scheduled. Both theory and practice will be taught while the students are condensing and drying various types of milk products.

This course will be followed February 9 - 14 by a Short Course on Cheese Manufacture. In this course, students will be shown methods of manufacturing the principal types of cheese made in Minnesota. All phases of cheese operations will be covered, with special emphasis on control of quality and yields.

Enrollment in both courses will be restricted to 20 men because of the limited facilities of the Dairy Department's manufacturing laboratories. Those who have taken the University's Fundamentals of Dairy Manufacturing Short Course or who have had at least one year's experience in a dairy plant will be eligible for these courses.

Fee for the Dry Milk course is ~~\$20.00~~^{15.00} and for the cheese course ~~\$15.00~~^{20.00}. Because of the limited number who may attend, advance registration for these courses should be made as soon as possible, says J. O. Christianson, director of agricultural short courses at the University. Applications for either course should be made to the Short Course Office, University Farm, St. Paul 1, Minnesota.

Other short courses to be given by the Dairy Department this winter are: High-Temperature, Short-Time Pasteurization of Milk, December 9 - 11; and Fundamentals of Dairy Manufacture, January 5 - 31. Applications are now being accepted for these courses.

Any information concerning these or any other short courses offered by the University of Minnesota Institute of Agriculture may be obtained by writing to the Office of Short Courses, University Farm, St. Paul.

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University Farm News
University Farm
St. Paul 1, Minnesota
November 20, 1952

Immediate Release

CLUB MEMBERS TO CHICAGO NOV. 29

Thirty Minnesota 4-H club members will leave for Chicago next week to attend the National 4-H Club Congress November 30-December 4. All of them have been awarded expense-paid trips as winners in particular projects.

Most of the 4-H boys and girls will board the train for Chicago Saturday morning, November 29, in Minneapolis, St. Paul and Mankato.

Among the 30 4-H members are five who have been selected on a sectional basis as winners of trips for their achievements in project work: Roger Larson, Madison, achievement; Kathleen Nelson, Westbrook, achievement; Allen Croone, Chisago City, soil and water conservation; Catherine Nelson, Blue Earth, frozen foods; Wilbert Glynn, Wykoff, forestry.

Accompanying the group will be Mrs. Esther Schmidt, Chisago county 4-H assistant, North Branch; Wayne Ewing, Beltrami, adult leader of the Beltrami 4-H club, selected as 1952 club of the year; Leonard Harkness, state 4-H club leader at the University of Minnesota, and Evelyn Harne, Mary Anderson and Robert Pinches, ^{state} 4-H staff members. Harold Swanson, extension editor at the University of Minnesota, will act as coordinator of press, radio and television at the National 4-H Club Congress.

State winners of trips ^{to} Chicago, announced earlier, are: Alvin C. Swanson, Moorhead, tractor maintenance; Donald Zibell, 1611 West County Road B, St. Paul, garden; Marland Dow, Barnesville, poultry; Orval Hurner, Glyndon, field crops; Marian Nelson, Red Wing, girls' record; Owen Swenson, Nicollet, dairy achievement; Lorraine Schafer, Olivia, canning; Betty Jean Hanson, Clarissa, food preparation; Marjory Malo, South St. Paul, dress revue; Dale Kelsey, Lewisville, farm and home electric; Joann Schmidt, 2865 North Hamline, St. Paul, and Elmer Smith, Grand Rapids, health improvement; Philippa Gleason, Hamel, home improvement; Marlene Mattila, Sebeka, farm and home safety; Alice Thompson, Rushmore, clothing; Maynard Bakken, Hanska, farm fire prevention.

Joyce Putnam, Tintah, meat animal demonstration; Carol Jenson, Albert Lea and Stella Severtson, Twin Valley, individual bread demonstrations; Marilyn Hagemester, 6427-41st. avenue North, Minneapolis, and Judy Albrecht, 6324 Rockford Road, Minneapolis, bread demonstration team; Robert Haller, Wanamingo, dairy; Robert Kruger, Hayfield, pig; Richard and Martin Fox, Rosemount, meat animal demonstration.

9118
A-9119-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 20, 1952

Immediate Release

4-H RECREATION WINNERS ANNOUNCED

Both individual and county winners in the state 4-H recreation and rural arts contest were announced today by Leonard Harkness, state 4-H club leader at the University of Minnesota

Dale Wordelman, 17, Spring Valley, was named state individual winner. His 4-H record will be entered in national competition.

Ten counties in the state will be awarded \$25 each for naming a group of blue award clubs. Prize money will be used for the purchase of recreational equipment.

Counties with blue award clubs are: Big Stone, Cottonwood, Hennepin, Kittson, Nicollet, Rice, South St. Louis, Sherburne, Swift and Wadena. Clubs in these counties have been selected as blue award winners on the basis of their planning and participation in recreational programs.

Some of the activities they have planned include county-wide picnics, inter-club softball and basketball tournaments, roller skating parties, music and play festivals, winter outings, camping trips, 4-H tours and handicraft classes.

The Fillmore county boy named as individual winner in the contest is a member of the Bloomfield Bluebirds 4-H club. As music leader of the club for three years, he has organized and directed a club band for play and music festivals. He himself plays the drums, piano and accordion, gives accordion lessons and accompanies group singing at club meetings.

He has helped interest 4-H'ers in hobbies, has planned and led recreational programs and was one of the co-directors of the club play for the Play and Music Festival.

Wordelman is now a freshman at North Central College, Naperville, Illinois.

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University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 20, 1952

Immediate Release

U. DISEASE GARDEN HELPS CONTROL PLANT AILMENTS

Ask E. C. Stakman and H. W. Schroeder, University of Minnesota plant scientists, how their garden grew this past summer, and they'll cheerfully admit it was loaded with diseases which farmers usually try to keep out of their crops.

Their garden is the Plant Pathology Department's wheat plant disease garden, in which crops are deliberately inoculated with organisms which produce the important diseases of wheat in this area. The results obtained help plant pathologists determine how resistant or how susceptible wheat crop varieties are to various diseases.

The wheat disease garden is under the general supervision of Dr. Stakman, plant pathology chief, with Research Assistant Schroeder in immediate charge. Operated by the University for more than 30 years, this garden is now more important than ever because of current efforts to control wheat rusts, points out Dr. Stakman.

During the past summer, nearly 3,000 lines and varieties of plants were tested in the garden. Results are now being assembled and analyzed.

The basic principle on which the disease garden is operated, according to Dr. Stakman, is that it is better to be disappointed in a new variety in an experimental plot than on thousands of acres of farm land. "If a variety has certain weaknesses, these should be discovered, if possible, before the variety is distributed," he says.

He points out that a disease garden such as that operated by the University is valuable in helping prevent new varieties of crop plants being released without adequate testing against diseases.

For example, adequate testing helps reduce the danger that newly-developed rust-resistant wheat varieties will be found after their release to growers to be susceptible to certain parasitic races of rust against which they may not have been

(more)

tested under natural conditions. Adequate testing also cuts down the chance that new rust-resistant varieties may be found after release to be far more susceptible to other diseases than the varieties they replaced.

Dr. Stakman explains that there is lack of uniformity in geographical distribution or seasonal occurrence of some grain disease-producing organisms. In the University's disease garden, this lack of uniformity is offset to a large extent by inoculation of plants with disease-producing organisms and by testing as much as possible under conditions that favor development of the disease.

"We try to put into operation the law of the survival of the fittest," explains Dr. Stakman. The varieties and hybrids that have the greatest resistance to the greatest number of diseases are saved for further breeding. Those that are susceptible to many different diseases are discarded.

"We are trying to look into the future, to forecast, if possible, the probable performance of varieties over a wide area and for a considerable length of time," says Dr. Stakman. "We know that if a variety can be severely attacked by certain diseases in a disease garden, it is likely to be attacked severely in some places and at some times under farm conditions."

The wheat disease garden at University Farm is a regional project, supported partly by regional Flanagan-Hope funds, with the understanding that University plant pathologists will test plants for pathologists and breeders in other parts of the north central region of the U. S.

The University also maintains plant disease gardens for flax, barley, corn, soybeans and oats.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 20, 1952

Immediate Release

MINNESOTA FARM CALENDAR

*November 25--Berry Growers' Short Course, University Farm, St. Paul.

November 26--Parents' Day and Home Project Day, Northwest School of Agriculture, Crookston.

November 26--Parents' Day, West Central School of Agriculture, Morris.

November 29-December 6--International Livestock Exposition, Chicago.

November 30-December 4--National 4-H Club Congress, Chicago.

***December 1-6--Dairy Herd Improvement Association Supervisors' Short Course, University Farm, St. Paul.

*December 3--Parents' and Visitors' Day, School of Agriculture, University of Minnesota, St. Paul campus.

December 9-11--North Central Weed Control Conference, Winnipeg.

*December 9-11--Short Course on High-Temperature, Short-Time Pasteurization of Milk, University Farm, St. Paul.

December 15-18--Annual conference, University of Minnesota Agricultural Extension Service, University Farm, St. Paul.

*January 5-31--Fundamentals of Dairy Manufacture Short Course, University Farm, St. Paul.

*January 13-16--Farm and Home Week, University Farm, St. Paul.

*January 13-16--Rural Arts Show, Library, University Farm, St. Paul.

*January 19-24--Weed and Seed Inspectors' Short Course, University Farm, St. Paul.

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* Additional information from Office of Short Courses, University Farm, St. Paul.

*** Additional information from either county agents or Office of Short Courses, University Farm, St. Paul.

TIMELY TIPS for DECEMBER 6

Because of mild weather, egg production this fall has been heavier than normal in many cases. This may have resulted in some thin shells. So be sure to have plenty of good calcium supplement handy for the hens at all times. --H. J. Sloan.

* * * * *

One of the handiest uses of electricity on the farm is to prevent freezing of livestock drinking water. If ice freezes often on the surface of the water, the amount of water the livestock get is less than needed. Limiting water does more to make livestock unprofitable than limiting feed. --E. F. Ferrin.

* * * * *

Southern alfalfa planted with timothy is showing much promise as a green manure crop to be substituted for sweet clover in southwestern Minnesota. -- Harold E. Jones.

* * * * *

Beef cattle prices dropped sharply in recent months and will continue to fall. In spite of present lower prices, herds should be severely culled to remove cows that are slow in their ability to gain and grow. Improved breeding stock may be purchased more reasonably now than at any time in several years. --R. M. Anderson.

* * * * *

How far would your insurance go toward rebuilding your barn in case of a fire? Would your auto liability protection be adequate in case of a bad accident? Values have changed so much lately that all insurance policies should be checked. -- S. B. Cleland.

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Calves born during the past spring and summer that are to be fattened should be dehorned now. Buyers of fat cattle usually will pay 25¢-50¢ more per cwt. for dehorned cattle. Horns may be removed with a horn clipper or a saw. -- A. L. Harvey.

* * * * *

Begin now to assemble data for your income tax report. A good farm account book is ideal for summarizing data. Use a book for all of your records next year.

-- S. A. Eugene.

* * * * *

Better farm woodlot protection, management and harvesting practices produce more pay and improve the residual stand for a more profitable harvest tomorrow. The idle hill land, the poor agricultural land, need not be the unprofitable drain that is now too commonplace. -- Parker Anderson.

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Cylinders of hardware cloth are the best protection for apple trees. -- L. C. Snyder.

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Potatoes should be stored at 32-40 degrees F. If the temperature is too low, they may become sweet. Keeping them at room temperature a few hours will convert the sugar back to starch again. -- O. C. Turnquist.

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University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 21, 1952

SPECIAL to Anoka County

NEW HOME AGENT STARTS DECEMBER 1

Mrs. Marie Stanger Jones of Minneapolis will begin work December 1, as home agent in Anoka county. She succeeds Lucile Holaday, who has been serving temporarily as home agent in the county.

Mrs. Jones is spending a two-weeks get-acquainted period in the county prior to taking over her new duties officially on December 1.

She studied at the University of Minnesota and MacMurray College, Jacksonville, Ill., getting her B.S. degree from the Illinois institution in 1948. She has also done graduate work in adult education at the University of Minnesota.

Since 1948 she has been teaching in the high school at Fennville, Michigan.

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NOTE TO ANOKA COUNTY EXTENSION OFFICE: We expect mats to arrive Monday. Will get them to you the fastest possible way.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 20, 1952

Immediate Release

U. DISEASE GARDEN HELPS CONTROL PLANT AILMENTS

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He points out that a disease garden such as that operated by the University is valuable in helping prevent new varieties of crop plants being released without adequate testing against diseases.

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University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 21, 1952

SPECIAL TO: Forest, Conservation
& Farm Publications

AIR PHOTOS SAVE TIME AND MONEY IN FOREST MANAGEMENT

By Marcia Mangney
(Agricultural Information Service, University of Minnesota)

Aerial photography has brought a change in Minnesota's forest management.

Photographing forests from the air has saved time and money, and has given foresters a more accurate picture of wooded areas in the state, according to Stephen H. Spurr, formerly associate professor of forestry at the University of Minnesota, and now professor of forestry at the University of Michigan.

Dr. Spurr is the son of the late J.E. Spurr, who was on the University staff more than 50 years ago as a geologist with the State Geological Survey and helped make the first geological survey of the Mesabi iron range. Stephen Spurr is the author of two books, Forestry Inventory, and Aerial Photographs in Forestry.

Aerial photography has not eliminated the need for field work, according to Dr. Spurr. There are many pitfalls in photo interpretation which must be checked on the ground. However, intelligent use of good quality photographs will make a forester at least 25 per cent more efficient by reducing travel time, by saving unnecessary field work and by permitting quicker decisions in forest management based on more accurate information.

By aerial photography, detailed maps showing the location of roads, streams, lakes, swamps and timber types can now be made inexpensively. The number and kinds of trees in the forested part of Minnesota, besides the size and location of trees, can be accurately located. Photographs also help in determining cutting areas, planning for logging roads, acquiring land or stumpage, and assessing fire and insect damage.

What does a forester see when he looks at an aerial photograph of a wood spot? The picture looks like a patchwork quilt, and it takes an expert to determine what it says.

If the right kind of film is used, it is possible for a forester to identify most of the important Minnesota tree types. In his diagnosis he looks at the color of each patch on the photograph and the shape the tree crowns appear to take, and notes whether trees are growing in swamps, on flat areas, or on hillsides.

He can readily pick out old-growth pines, down to a single isolated tree. However, he frequently finds it difficult to determine whether a given tree is white pine or red pine. Jack pine in pure stands on sandy soils are easy for him to identify because they are usually relatively homogeneous, and tree crowns are small, rather indistinct, and lighter in tone than spruce and fir.

Spruce in swamps and spruce-fir mixtures on flats and low slopes are also readily separated by the expert, but mixtures of spruce-fir and jack pine, or pure stands of either type on intermediate sites give trouble.

Tamarack stands out from adjacent trees in airphotos. Cedar stands, unfortunately, cannot be easily found.

The forester can distinguish with little trouble softwood from hardwood trees by noting the color they photograph. All softwoods, except tamarack, stand out in dark grey tones and the hardwoods appear light grey or even white. Hardwoods can be identified as to type, although individual species are sometimes difficult to recognize.

Aerial photographs are especially useful in estimating the size of a stand of timber. It takes an expert a small fraction of the time that ground measuring would take to compute the area of each forest stand.

The number of trees per acre, however, cannot be estimated accurately. The actual size of the trees, too, is difficult to measure.

Dr. Spurr is the author of an article, "Aerial Photos Aid Forest Management," in Minnesota Farm and Home Science, quarterly publication of the Minnesota Agricultural Experiment Station.

News Bureau
University Farm
St. Paul 1, Minnesota
November 24, 1952

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A U. of M. AG & HOME RESEARCH story
To all counties
For publication week of
December 1 and after

PENICILLIN-FED
PIGS GAIN FASTER

Suckling pigs getting a ration containing procaine penicillin consumed more feed and gained weight faster, according to results of a University of Minnesota experiment reported this week (today) by County Agricultural Agent _____.

Forty-three litters of pigs were used to study the value of procaine penicillin as a supplement to a simple pig starter.

Pigs not getting the penicillin ate .61 pound of a pig starter daily and gained an average of .66 pound per head daily. At weaning time, the heaviest pig in this group tipped the scales at 50 pounds. The average weight per pig was 35.1 pounds, according to L.E. Hanson, professor of animal husbandry at the University.

An average of .93 pound of pig starter was eaten daily by pigs which got 20 milligrams of penicillin per pound of feed, and they gained an average of .92 pound a day. Heaviest pig in this group weighed 60 pounds at weaning time. The average for the lot was 44.3 pounds per pig.

Dr. Hanson reports that only one pig weighed less than 30 pounds in the lot getting 20 milligrams of the antibiotic per pound of feed. Among the pigs which didn't get penicillin, five pigs weighed less than 30 pounds at that time.

The use of 5 or 10 milligrams per pound of feed gave just about as good results as 20. However, Dr. Hanson points out that when pigs got the antibiotic at the rate of only 2.5 milligrams, no significant effect on either feed consumption or rate of gain showed up.

Feeding of procaine penicillin reduced scours in pigs, too, although it did not eliminate them entirely.

News Bureau
University Farm
St. Paul 1, Minnesota
November 24, 1952

*Res
Gross
Lester
P. L. L. L.
(L. L. L.)*

A BALANCED FARMING story
To all counties
For publication week of
December 1 and after

PHOSPHATE FERTILIZER
BEST FOR LEGUMES
USED AS GREEN MANURE

Phosphate was found generally to be the most beneficial fertilizer when used on legumes grown as green manure in a University of Minnesota experiment, County Agent _____ reported this week (today).

The legumes studied were red clover, alfalfa, biennial white blossom sweet clover and Hubam sweet clover. They were grown under various fertilizer treatments in Chippewa, Cottonwood, Dakota, Nicollet, Redwood and Renville counties.

Fertilizer treatments were confined principally to phosphate and phosphate-potash, since there is little evidence that profitable responses occur when nitrogen is applied to legumes. The general rate of application was 300 pounds per acre of 0-20-0 and 0-20-20.

Top and total dry matter production for legumes as a whole was best with the phosphate-potash combination. Root production was stimulated most by phosphate alone.

Results also show that biennial white blossom sweet clover, with the exception of the second growing season harvest, supplied the most root and total dry matter. Hubam sweet clover supplied the most tops but was lowest in root production. Red clover and alfalfa were about equal, and only in the second year did they equal biennial white blossom sweet clover.

The experiments are described in greater detail in University of Minnesota Agricultural Experiment Station Technical Bulletin 204, "Influence of Fertilizer on Four Legumes When grown as Green Manures." This bulletin may be obtained from the county agent or the Bulletin Room, University Farm, St. Paul 1, Minnesota.

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News Bureau
University Farm
St. Paul 1, Minnesota
November 24, 1952

To all counties
For publication week of
December 1 and after

FILLERS for your column and other uses

Use Those Shields -- Check your power take-off and see that the shields are used on them.

At least four persons have lost their lives in power-take-off shaft accidents during the 1952 corn picking season, points out Glenn Prickett, extension farm safety specialist at the University of Minnesota.

* * * * *

Plow Down Southern Alfalfa -- Harold E. Jones, extension soils specialist at the University of Minnesota, reminds farmers that southern alfalfa makes a vigorous growth the first year and can be plowed down in the fall instead of sweet clover, which many farmers find does not survive sweet clover weevil attacks.

* * * * *

Timber Future -- The farmers of America own more land in timber than all public agencies handling our state and national forests. These farm timber lands are the "anchor of hope" of our timber future, says Parker Anderson, extension forester at University Farm. To make best use of farm woodlots for the benefit of both the farm family and the nation, Anderson urges wise cutting through proper selection of forest products and marketing to obtain the best price as to quality and industrial use.

* * * * *

Capital Gains -- The "capital gains" schedule as applied to the payment of federal taxes can help farmers materially in their returns on breeding stock, points out E.F. Ferrin, chief of the animal husbandry department at the University of Minnesota. Livestock farmers can usually make a worthwhile saving by calculating returns on the basis of capital gains instead of total sales. For this purpose an annual inventory is needed and should be made on the same date each year, he says.

News Bureau
University Farm
St. Paul 1 Minnesota
November 24, 1952

To all counties
ATT: HOME AGENTS

**PLENTY OF TURKEY,
PORK AND LARD
FOR DECEMBER**

December food markets will be heaped high with turkeys, pork and pork products and with festive foods such as fruit and nuts, Home Agent _____ reports.

Pork sales of hogs are expected to slacken somewhat in December, but there will still be plenty of pork at reasonable prices.

Supplies of turkey from 1952 crop will still be large in December, according to the U. S. Department of Agriculture. November 1 saw the largest stocks of turkey in cold storage on record for that date.

This month, when homemakers use more fat for baking and other holiday cooking, buying lard looks like a good way to shave food costs. Supplies of lard are so large that prices have dropped to about half of what they were a year ago. Vegetable shortening, table fat and salad oil are also abundant.

Other plentiful foods which fit into festive food plans for the holidays include filberts and walnuts, domestic dried figs and raisins and honey.

An abundance of oranges, grapefruit and table grapes is indicated for December. The word from Florida is that this year's crop of oranges will be record large. Supplies of grapefruit in December will be seasonally large, though there will not be as large a crop as a year ago. Emperors stand out among table grapes for December, and this year's crop is of unusually fine quality.

Carrots and dry baby lima beans are the only vegetables expected to be in generally good supply in the Midwest during December.

Protein foods include large stocks of frozen fish, especially cod fillets, cottage cheese, buttermilk and nonfat dry milk solids.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 26, 1952

Immediate Release

Handwritten signature and initials

U. LIVESTOCK MEN ON PROGRAM FOR CHICAGO MEET

Seven University of Minnesota staff members will take active parts in the program of the American Society of Animal Production, which will meet Friday and Saturday (Nov. 28-29) in the Sherman hotel, Chicago.

H.G. Zavoral, extension animal husbandman, will preside as chairman of the extension section of the Society.

E.F. Ferrin, animal husbandry chief, and L.E. Hanson, professor of animal husbandry, will present papers on swine nutrition.

L.M. Winters, professor of animal husbandry, D.C. England, animal husbandry research assistant, and W.E. Rempel, assistant professor of animal husbandry, will report on swine breeding, and W.J. Aunan, assistant professor of animal husbandry, will present a paper on meats.

A-9125-rr

FARMERS WARNED ON SEED OATS

Minnesota farmers were warned today against high prices and unjustified claims for Missouri O-205 seed oats.

Prices of \$5 to \$10 per bushel have been asked for this variety, according to reports received by agronomists at the University of Minnesota. They pointed out that C.A. Helm, secretary of the Missouri Seed Improvement Association, which brought out the variety, had made the statement that \$3 to \$4 should be the top price range for this seed.

Dr. W.M. Myers, chief of the department of agronomy and plant genetics at the University of Minnesota, said, "In yield tests to date, Missouri O-205 has been a good yielding variety, but so far I can say it is no better than some of the varieties on the Minnesota recommended list.

"It is certainly quite evident that it is not enough better to warrant the high prices being asked. There is a very good probability that it won't be placed on the Minnesota recommended list this winter, since it will need three years of testing."

A-9125-RTD P DP

Turnquist Res.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 26, 1952

Immediate Release

VEGETABLE GROWERS TO MEET AT ALBERT LEA

ALBERT LEA, Minn.--Two University of Minnesota horticulturists will play leading parts in the program of the seventh annual meeting of the Southern Minnesota Vegetable Growers' Association in the Albert Lea armory Tuesday, December 2.

O.C. Turnquist, extension horticulturist, will report during the morning sessions on new potato variety test plots in the state. Test plot potatoes, arranged by Dr. Turnquist, will be exhibited during the meeting. During the afternoon, he will report on activities of the State of Minnesota Vegetable Growers' Association, of which he is secretary.

Dr. R.E. Nylund, associate professor of horticulture, will speak during the afternoon on chemical control of weeds in onions.

The program, under the chairmanship of Joe Boe, manager of the Hollandale, Minn., Marketing Association, will begin at 9:30 a.m., following a registration period, with an address of welcome by Paul Engbritson, state senator from Freeborn county.

Topics of other reports scheduled for the morning program include onion pink root resistance, by Dr. R.H. Larson, plant pathologist at the University of Wisconsin. He will report during the afternoon program on clubfoot-resistant cabbage.

Also on the morning program will be Alfred D. Edgar, Sr., agricultural engineer at the U.S. Department of Agriculture Potato Research Center, East Grand Forks, Minn., who will speak on trends in potato and onion storage. William M. Case, East Grand Forks, executive secretary of the Red River Valley Potato Growers' Association, will speak on research development and promotion of potatoes in the Red River Valley.

The afternoon program will include a report on developments in mechanical potato harvesters and companion equipment by A.H. Glaves, agricultural engineer at the East Grand Forks USDA Potato Research Center. The Southern Minnesota Vegetable Growers' Association will elect two directors during an afternoon business session.

The affair will close with a banquet at 7 p.m. at the First Lutheran church, Albert Lea, with George Grim, Twin Cities radio commentator and newspaper columnist, as the principal speaker.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 26, 1952

Immediate Release

Handwritten signature/initials

MINNESOTIANS TO HELP PLOT WAR ON WEEDS

Minnesotans will help plot war against one of the farmer's toughest foes at a joint meeting of the North Central Weed Control Conference and the Western Canadian Weed Control Conference at Winnipeg, Canada, December 9-11.

Out of the sessions will come recommendations for weed control in 1953.

Approximately 100 Minnesotans are expected to attend. They will include representatives of the University of Minnesota Institute of Agriculture, the Minnesota State Department of Agriculture, industrial concerns, district and county weed inspectors and others interested in weed control.

A total of more than 600 scientists and others from 14 north central states in the U.S. and the four western provinces of Canada are expected to be on hand for the sessions.

Sig. Bjerken, state supervisor of weed control for the Minnesota State Department of Agriculture, is Minnesota's director for the North Central Conference. R.S. Dunham, professor of agronomy at the University, is director at large.

At the meetings, Dunham will report on University of Minnesota tests of the effects of herbicides on flax, and he will take part in a panel discussion on new weed control chemicals. H.L. Hansen, associate professor of forestry at the U., will report on the rate and nature of brush growth.

R.E. Nylund, associate professor of horticulture at the University, will speak on the control of weeds in onions with pre-emergence sprays. A.B. Hagen, Slayton, agricultural agent in Murray county, will report on his county's weed control program.

T.L. Aamodt, director of the Division of Plant Industry of the Minnesota State Department of Agriculture, will speak on co-ordination of regulatory, extension, research and industrial functions in weed control.

A.H. Larson, assistant professor of agricultural botany at the U., will talk on new weed problems.

Bjerken will preside at the session of regulatory workers, and Ralph Crim, extension agronomist at the University, will preside at the session of agricultural extension workers.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 26, 1952

Immediate Release

PARENTS'-VISITORS' DAY SET AT AG SCHOOL

Annual Parents' and Visitors' Day at the School of Agriculture of the University of Minnesota, St. Paul, will be held Wednesday (December 3).

Registration for the event will be held in Coffey Hall on the St. Paul Campus beginning at 9 a.m. During the morning, the visitors will attend classes with the students. There will be a luncheon meeting for students and visitors in the School dining hall at 11:45 a.m., followed by a convocation in the auditorium of Coffey Hall at 1 p.m. At the convocation, Dr. C.H. Bailey, dean of the University Institute of Agriculture, and Professor T.H. Fenske, Associate Director, Agricultural Administration, will speak. There will also be talks by students and parents.

During the afternoon, visitors will tour several departments on the campus, with lectures and demonstrations on the work of staff members and students to be presented. A coffee hour will be held in Pendergast hall at 3:15 p.m.

At 5:45 p.m., there will be a banquet supper in the campus dining hall. Speakers will include Dr. J.O. Christianson, superintendent of the School; Dean Bailey; Dr. Louise Stedman, director, School of Home Economics; Dr. Fred Gehrman, Minneapolis, president, School of Agriculture Alumni Association; Victor Christgau, president, University of Minnesota Alumni Association; Dr. Katharine Densford, director, University of Minnesota School of Nursing; and Keith McFarland, assistant to the dean, College of Agriculture, Forestry and Home Economics.

Parents and students will also speak at the banquet.

A play, "Seven Keys to Baldpate," will be presented in the Coffey Hall auditorium at 8:00 p.m. by the Rural Theatre Players, School of Agriculture dramatics society.

Prospective students and their parents are invited to visit the School on Wednesday.

A-9122-rr

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 26, 1952

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RELEASE: Saturday, 2 p.m.
November 29
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TWO MINNESOTA 4-H 'ERS WIN NATIONAL HONORS

Two Minnesota 4-H club members have won national awards in the 4-H achievement contest, among the highest honors a club member can receive. They are Kathleen Nelson, 18, Westbrook, and Roger Larson, 19, Madison.

Kathleen and Roger are among 12 4-H members throughout the United States who will receive scholarships of \$300 each as national awards for their all-round achievements in 4-H work. The scholarships are provided by Ford Motor Company, Dearborn, Michigan.

Announcement of the awards was made at the National 4-H Club Congress in Chicago today. The two Minnesota 4-H'ers had previously been selected as sectional winners of all-expense trips to the Congress which they will attend all next week.

Both young people are students in the University of Minnesota College of Agriculture, Forestry and Home Economics. Kathleen is majoring in home economics, Roger in agricultural education. They admit that their 4-H work has influenced their choice of vocations.

In the nine years Kathleen has been a member of the Westbrook Willing Workers 4-H club she has completed 81 projects and has held all the offices in the club. She is now president of the Cottonwood county leaders' council.

For several years she had the grand champion pen of lambs in the county and won medals on her western lamb records. This past year she was named Lamb Queen of Cottonwood county and was given a gold medal. To show her versatility, she received a prize in 1950 for having the best home economics records in her club. She has also won medals for her work in safety and in home beautification, as well as a trip to the State Conservation Camp for her conservation activity.

The Lac qui Parle county boy's specialty is beef. This past year he won both the grand championship and reserve championship baby beef awards in the county and took his grand champion Hereford to the Junior Livestock Show in South St. Paul. He was also named winner of the individual state judging contest at the Interstate Livestock Show in Sioux City this year. He has won a total of six trips to the Junior Livestock Show and numerous ribbons on his beef.

He introduced purebred hogs to the farm in 1948 and has increased the number in his project from one purebred Chester White gilt to over 100 purebred hogs.

Roger was named State Future Farmer in 1950 and in 1951 received the "God, Home, Country" award given to club members by the Lutheran church.

He has been a member of the Arena Gladiators 4-H club for 10 years and has been a junior leader for five years.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 28, 1952

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FOR RELEASE:
Monday a.m., December 1
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MINNESOTA GIRL WINS NATIONAL 4-H AWARD

An outstanding 4-H record in frozen foods has won for Catherine Nelson, 17, Blue Earth, a \$300 scholarship.

Today at the National 4-H Club Congress in Chicago she was named one of six girls in the entire nation to receive the award for her work in the frozen foods contest. Previously she has won a 17-jewel wrist watch as state winner and a trip to the Congress as sectional winner in the 4-H frozen foods competition.

Donor of the awards is the International Harvester company, Chicago.

In the 10 years she had been a member of the Jo Davis 4-H club, she has completed 52 projects and has served as president, secretary and reporter.

Winning awards for her foods work is nothing new to Catherine. She has had canning displays at the State Fair four different times and has won five trips to the State Fair on oral frozen foods demonstrations. This year she won a blue ribbon on her demonstration on freezing a meal. Last year she was awarded a \$25 bond for her outstanding record in food preservation. She has frozen a total of 146 quarts and 325 pints of food.

Catherine is now enrolled as a student at Hamline University, St. Paul.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 28, 1952

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FOR RELEASE:
Tuesday p.m., December 2
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TODD COUNTY GIRL WINS \$300 SCHOLARSHIP

The hours 16-year-old Betty Jean Hanson, Clarissa, has spent preparing food in her mother's kitchen have paid off handsomely in the form of a \$300 scholarship and national honors.

Betty Jean was one of eight 4-H club girls in the United States to win a scholarship for her 4-H record in food preparation, it was announced this (Tuesday) morning in Chicago at the National 4-H Club Congress which the Todd county girl is attending. Betty Jean won an all-expense trip to the Congress as state winner in the food preparation project.

Kelvinator Division of the Nash-Kelvinator Corporation, Detroit, Michigan, is providing the scholarship.

In the six years she has carried the food preparation project, she has prepared 1,140 single dishes and 479 complete meals. In the four years she has been in the bread project she has baked 137 dozen rolls, 335 loaves of bread, 169 cakes, 238 dozen cookies and 144 pies.

The national award she has just received is a climax to many other honors Betty Jean has won in food preparation. She has been champion and reserve champion pie baker in Todd county, has been county food preparation winner, has been awarded a \$100 scholarship, has received 13 blue ribbons and won five trips to the State Fair.

Betty Jean is a senior in Clarissa high school. She has been a member of the Hustlin' Rustics 4-H club for nine years.

FOR RELEASE:
Tuesday p.m., December 2

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 28, 1952

THREE FROM STATE WIN NATIONAL HONORS

Three Minnesota 4-H youths learned today that they will receive national awards of \$300 scholarships for their superior records in particular projects.

They are Marland Dow, 17, Barnesville; Donald Zibell, 15, 1611 West County Road B, St. Paul; and Lorraine Schafer, 20, Olivia.

Announcement of the awards was made today at the National 4-H Club Congress in Chicago which the three young people are attending. All of them had won expense-paid trips to the Congress as state winners in their particular projects.

Dow was selected as one of 10 club members in the nation for the \$300 scholarship award in the 4-H poultry contest. Now a senior in Barnesville high school, he is a member of the Atherton 4-H club. He started his poultry project five years ago with 25 chicks and by the next year/^{won} grand championship at the Wilkin county fair on his cockerels and reserve championship on his pullets. He has won four grand championship and two reserve championship awards on his poultry, as well as trips to the State Fair and the Junior Livestock Show. For the past three years he has worked in partnership with his parents doing part of the farm flock management.

Zibell will receive one of eight national scholarships given for achievements in the gardening project. A member of the Rose View 4-H club, he has been champion Ramsey county 4-H vegetable exhibitor for two years, has won blue ribbons on two garden demonstrations and four garden exhibits at the State Fair. Last year he received a \$100 scholarship and a trip to Cleveland for his gardening activity in the National Junior Vegetable Growers' association. From his half-acre of garden he has built up a profitable business selling vegetables at a roadside stand which he calls "Don's Gardenside Vegetable Market."

Miss Schafer is one of six 4-H girls in the United States who will be awarded scholarships on the basis of achievements in canning. In the seven years she has carried the food preservation project she has canned 4,349 quarts of food and has frozen more than a thousand pounds of fruits, vegetables and meats. She has won top honors in Renville county many times on food preservation exhibits and demonstrations. She has been a member of the Kingman Ramblers 4-H club for 11 years.

Dow will receive his scholarship award from Dearborn Motors corporation, Birmingham, Mich. Zibell's award is provided by Allis-Chalmers Manufacturing company, tractor division, Milwaukee, and Miss Schafer's by Kerr Glass Manufacturing corporation, Sands Springs, Okla.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 28, 1952

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FOR A.M. RELEASE
Tuesday, December 2
* * * * *

MINNESOTA AG AGENTS WIN NATIONAL AWARDS

Three Minnesota county agricultural agents will receive professional honors today (Tuesday) at the annual convention of the National County Agents' Association in the Edgewater Beach hotel, Chicago.

The Association's distinguished service award certificate will go to Victor T. Sander, Dodge Center, Dodge county; J. Russell Gute, Owatonna, Steele county; and Nels P. Hanson, Glenwood, Pope county.

Selection of the winners of the certificates is based on length of service as county agents, work done in developing county agricultural programs, self-improvement, advancement of their profession and participation in state county agent association affairs.

Hanson got his start in agricultural extension work in Hubbard county in March, 1934. He was named emergency county agent in Pope county May of the same year. He became permanent Pope county agent in 1937.

His program in Pope county has been marked by outstanding work in crops, pasture improvement, soil management, dairying and 4-H club work. Hanson is a graduate of both the School of Agriculture, St. Paul, and the College of Agriculture at the University of Minnesota.

Gute, a graduate of Iowa State College, began work as a county agent in Faribault county in 1936. He has served in Steele county since 1941. His work there has been marked by efforts to improve income of dairy farmers, by educational work in soil conservation, grass and legume production and club work.

Sander, a graduate of the University of Nebraska, began agricultural extension work with a brief period of service in Mower county in 1937. This followed several years teaching at Oklahoma A & M College and North Dakota Agricultural College. He became agricultural agent for Dodge county in October, 1937.

His work in Dodge county has been characterized by strong emphasis on improvement of livestock production practices. He has also featured dairy production education and 4-H club work.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 28, 1952

FOR RELEASE:
After 12 noon Sunday,
November 30

U. FARM MAN WINS RADIO HONORS THIRD YEAR

Ray Wolf, extension information specialist in radio on the St. Paul campus of the University of Minnesota, has earned national honors in farm safety promotion for the third straight year for KUOM, University radio station.

Wolf received the National Safety Council's Public Interest award for exceptional service in the cause of farm safety at a luncheon (today) Sunday in Chicago for members of the National Association of Radio Farm Directors.

KUOM was one of several stations honored for farm safety activities carried on during National Farm Safety Week in July and the preceding 12 months.

The University station was cited for 200 references to safety on its regular programs. Wolf broadcast 19 special farm safety programs during the year on KUOM and contributed to four TV shows on farm safety. He also distributed five tape recordings on the subject to 30 different radio stations.

A native of Morristown, Minn., Wolf is the son of Mr. and Mrs. S.J. Wolf, now of Medford, Minn. He formerly served as agriculture teacher and county agricultural agent at Perham, Minn.

His activities have also included serving as chairman of the radio safety committee named by the Minnesota Safety Council and as chairman of the state radio committee for observation of National Farm Safety Week.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
November 28, 1952

SPECIAL to TO public

Immediate Release

U. VETERINARIANS TO SPEAK IN CHICAGO

^{Nine} Eight members of the staff of the School of Veterinary Medicine at the University of Minnesota will present papers at the Conference of Research Workers in Animal Diseases in North America in Chicago December 1 and 2.

They are Dr. H.H. Requin, acting Director of the School, and Doctors H.C.H. Karn-
#1 kamp, W.J. Kuntz, A.F. Sellers, J.H. Suttar, R.L. Mitchell, A.F. Weber, and D.H.
Gifford.

Ernest Bergman, an instructor in the School, will also present a paper at the Conference.

UNIVERSITY FARM SHORTS

Dairy Herd Improvement Association records show the significance of high-level producing cows, lower costs and greater returns, whether for man hours of labor, return for each one dollar expended for feed or total return over feed cost.

* * * * *

Average production for 1,088,872 Dairy Herd Improvement Association cows in the U. S. is 9,172 pounds of milk and 370 pounds of butterfat.

* * * * *

On January 1, 1952, there were 543,397 herds enrolled in 1,648 artificial dairy breeding associations in the United States.

* * * * *

Minnesota has about 50,000 dairy herds enrolled in artificial breeding. In 1951, 326,957 cows were reported bred in these herds. In 1950, the number was 229,170, an increase of 40 per cent. The high states were Wisconsin, first, and Minnesota, second.

* * * * *

It is estimated that losses from diseases, parasites and injuries to livestock exceed \$800,000,000 annually, or more than 5 per cent of the U. S. total agricultural income of about \$15 billion.

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In 1951, a total of 1 billion, 725 million pounds of sausage was produced in this country—12 per cent more than in 1950.

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Studies have shown that the average pound of meat consumed in America has traveled about 1,000 miles from the point of production.

University Farm Homemaking Shorts

Thaw your frozen turkey or other frozen bird you may be having for the holidays in cold running water or in the refrigerator, advise frozen food specialists at the University of Minnesota. Don't leave it to thaw at room temperature because of danger of spoilage.

* * * * *

Dough for your Christmas cookies will be easier to handle if it is chilled about half an hour in the refrigerator.

* * * * *

The secret of avoiding a shiny ridge over the zipper when pressing dresses is to place a thick towel under the zipper and use a pressing cloth over it, according to extension clothing specialists at the University of Minnesota.

* * * * *

Extension nutritionists at the University of Minnesota say that a good argument against peeling apples for eating out of hand or for salads is that the peel is five times richer in vitamin C than the flesh.

* * * * *

A sheet of plastic fastened to the wall behind the stove will keep your kitchen looking cleaner and protect the wall from grease spots.

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Window boxes can be given a holiday look by decorating them with evergreen branches and red berries for the Christmas season.

* * * * *

Thirty Minnesota 4-H Club boys and girls won trips to the National 4-H Club Congress this year for excellence in their project work.

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Conservation-conscious 4-H club members in Minnesota last year planted 266,119 trees, 473 windbreaks and nearly 33,000 shrubs. They also established 199 forest nurseries.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 1, 1952

* * * * *
FOR RELEASE
Wednesday a.m., Dec. 3
* * * * *

CLUB MEMBER WINS NATIONAL HONORS SECOND TIME

For the second time Wilbert Glynn, 16, Wykoff, has been recognized nationally for his 4-H project work.

Announcement was made today (Wed.) at the National 4-H Club Congress in Chicago that Glynn is one of four club members in the nation who will receive scholarships of \$300 each as awards for outstanding achievements in the forestry project. Last year he was national winner in the 4-H contest in soil and water conservation and received a \$300 scholarship.

Glynn is attending the Congress as a sectional winner in the forestry contest. Trip and scholarship are being provided by the American Forest Products Industries, Inc., Washington, D.C.

The Fillmore county 4-H'er is a senior in Wykoff high school and has been a member of the Thriftyville Workers 4-H club for eight years.

In the five years he has carried the forestry project he has planted about 8,000 young seedlings in the farm windbreak, woodlot and shelterbelt. He has helped his father take out from the woodlot approximately \$1,000 worth of lumber which has been used for farm buildings. To replace the cut trees, Glynn has planted about 1,000 young seedlings. From limbs remaining after cutting the logs, he has helped cut posts for use on the farm. Besides planting willow cuttings as a snow catch and nearly 5000 trees in the windbreak, he set out more than 500 trees in the wildlife area.

Announcement of national honors for Glynn brings to eight the number of national awards which have been won by Minnesota 4-H club members who are attending this year's 4-H Club Congress in Chicago. Others already announced as having won \$300 scholarships in national 4-H contests are Roger Larson, Madison, achievement; Kathleen Nelson, Westbrook, achievement; Catherine Nelson, Blue Earth, frozen foods; Lorraine Schafer, Olivia, canning; Marland Dow, Barnesville, poultry; Betty Hanson, Clarissa, food preparation; and Donald Zibell, St. Paul, gardening.

A-9132-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 1, Minnesota

Immediate Release

LOTS OF TURKEYS, PORK, AND LARD

Check turkey, pork, and lard on your list of foods to buy in December if you want to make good use of the plentiful foods that are usually best buys.

That advice was given today by Mrs. Eleanor Loomis, extension consumer marketing agent at the University of Minnesota.

According to the U.S. Department of Agriculture, consumers will find an abundance of turkey from the record large crop, plenty of pork from the many hogs farmers have been selling in November and lots of lard because of the heavy hog marketings and accumulated stocks.

This month homemakers who use more fat for holiday cooking and baking will find it much lower priced than a year ago. Prices of lard have dropped to about half of what they were in 1951.

Here's other good shopping news for holiday-minded homemakers: A record crop of oranges in Florida will make that fruit very plentiful and reasonably priced. December will bring seasonally large supplies of grapefruit and Emperor grapes. The Emperor grape crop this year is of very fine quality. There are also good supplies of raisins and domestic dried figs, as well as filberts and walnuts.

To economize on every-day meals, choose dry baby lima beans and frozen fish, especially cod fillets. Buy plentiful dairy products such as cottage cheese, buttermilk, and nonfat dry milk solids to stretch the budget for extra holiday food, Mrs. Loomis advises.

Carrots are the only vegetable expected to be generally in good supply in the Midwest.

When you shop for plentiful foods, remember honey, too.

A-9133-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 1, 1952

Immediate Release

PASTEURIZATION SHORT COURSE NEXT WEEK.

A short course on the High-Temperature, Short-Time Pasteurization of Milk will be held on the St. Paul campus of the University of Minnesota Tuesday through Thursday of next week (December 9-11).

This course, offered for the first time by the University this year, will be given in two sections. The section for dairy plant personnel will be conducted Tuesday and Wednesday, with the section for public health personnel scheduled for all three days.

W.B. Combs, professor of dairying at the University, points out that rapid installation of equipment used in this relatively new method of pasteurization has created numerous problems for both industry and government inspection services. The course is designed to equip processing personnel and inspectors better to cope with these problems.

The pasteurization course is one of several dairy manufacturing short courses being offered by the University's dairy department during coming months.

A Fundamentals of Dairy Manufacture short course is scheduled for January 5-31. This course is designed to teach the underlying principles of the dairy manufacturing industry.

February 2-7 are the dates set for a Manufacture of Dry Milk short course. It is intended for those who wish to learn the theory as well as the processes involved in the manufacture of condensed milk products.

A Cheese Manufacture short course will be held February 9-14. It is designed to teach both the theory and practice of making cheese.

Additional information concerning these and other short courses offered on the St. Paul campus of the University of Minnesota may be obtained from the Office of Agriculture Short Courses, University Farm, St. Paul.

A-9138-rr

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 1, 1952

Immediate Release

VEGETABLE JUDGING TEAM TO NEW YORK

The University of Minnesota Collegiate Vegetable Judging Team will leave for New York City Saturday (Dec. 6) to take part in a national collegiate contest on December 11.

The contest is being held in conjunction with the National Junior Vegetable Growers' association's eighteenth annual convention December 7-11.

Members of the Minnesota team are Donald Dinkel, Anchorage, Alaska; Roberta Anderson, Austin; and Richard Angus, Farmincton. They will be accompanied by their coach, Orrin C. Turnquist, University extension horticulturist.

The contest in which the team will take part consists of judging different classes of vegetables, grading 100 specimens of potatoes and identifying diseases, insects and vegetable varieties.

A-9135-jbn

RETIRING STAFF MEMBER TO BE HONORED

Lilly Lindstrom, retiring senior cashier at the University of Minnesota, will be honored by co-workers at a dinner Tuesday (Dec. 2) evening in the party dining room on the St. Paul campus.

Miss Lindstrom has been a member of the University of Minnesota staff for 39 years, most of that time in the payroll office on the St. Paul campus. Her retirement is effective January 1.

A-9136-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 1, 1952

FOR RELEASE:
Tuesday p.m., December 2

POTATO TEST PLOT RESULTS REPORTED

ALBERT LEA, Minn.--Kennebec was the highest-yielding variety in a potato demonstration plot on Freeborn county peat soil, it was reported today to those attending the annual meeting of the Southern Minnesota Vegetable Growers' Association at Albert Lea.

The information came from O.C. Turnquist, extension horticulturist at the University of Minnesota. He was reporting on results of testing on the Albert Stegenga farm near Hollandale, carried on in co-operation with the University during the 1952 season.

Of seven varieties, Kennebec was the highest-yielding, with 664 bushels per acre, 96 per cent of which were more than 2 inches in diameter. Cherokee potatoes, with 534 bushels, were slightly lower in yield than Irish Cobbler. Cherokee, however, produced more No. 1 size tubers and was highly resistant to scab. Cherokee was also highest in specific gravity, an indication of high cooking quality.

Although a completely satisfactory onion weed killer has yet to be found, several chemicals can be used for this purpose which will reduce weeding costs and are reasonably safe to apply, it was reported at the meeting by R.E. Nylund, associate professor of horticulture at the University.

Chemicals for control of onion weeds which Nylund reported have survived two or more years of testing by the University are:

For application before onion emergence--Stoddard Solvent, Potassium cyanate, CMU, and Calcium cyanamid.

For application when onions are in the one-leaf stage--3 per cent sulphuric acid, Potassium cyanate, and CMU.

News Bureau
University Farm
St. Paul 1, Minnesota
December 1, 1952

To all counties

For publication week of
December 8 and after

FILLERS for your column and other uses

Good Seed Worth More -- Production and marketing of good crop seed costs money, so you must pay more for it than for average or poor seed, points out W.M. Myers, agronomy chief at the University of Minnesota. The small additional cost will be repaid many times by the superior crop produced. On the other hand, don't be taken in by seed that's over-priced.

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Small End Down -- Place eggs in the case small end down, suggests Cora Cooke, extension poultry specialist at the University of Minnesota. The yolk remains centered longer when eggs are so packed. A well-centered yolk is one of the best marks of good quality.

* * * * *

Shipping fever? What are the signs of shipping fever in cattle? Dr. H.H. Hoyt, associate professor of veterinary medicine at the University of Minnesota, lists these: Slow movement, lack of interest in feed, nasal discharge, cough, diarrhea, high temperature. See your veterinarian for more advice if you need it.

* * * * *

Need Both -- Even though a sow has good inheritance, she may not be efficient if she harbors parasites, is diseased or not fed right, according to H.G. Zavoral, extension animal husbandman at University Farm. For real success, you must have inheritance, health and feeding, he says.

* * * * *

No Substitute -- Looking for a tonic or mineral mix that will make a poor dairy ration into a good one? H.R. Searles, extension dairyman at the University of Minnesota, says tonics or minerals cannot replace proteins, carbohydrates and fats. The first requirement is for these nutrients. Then a good high phosphorus mineral can be added if it is needed, he says.

Harold B. Swanson
Publications Office
University Farm
St. Paul 1, Minn

Silage For Sows

Rec 1, 1952

the copy Special file

Feed Cows Grass Silage

Feeding sows grass silage can cut grain consumption a third. That's the experience University of Minnesota animal husbandmen had recently.

Like other farmers, University herdsmen wanted to cut the costs on keeping its sow herd. So two years ago, under the direction of Dr. L.M. Hinters, they ran a small experiment with 75 pigs. One group had no silage, another some silage, and still another heavy silage. The group fed heavy silage--(alfalfa-brass) used only about two thirds as much grain as the group fed no silage.

The group fed silage had much less trouble with intestinal worms. The lactic acid in silage (like that in skim milk or buttermilk) appears to help as repellent.

Last winter the University herdsmen again fed some silage. The sows were housed out side in portable houses. They were fed silage in a long, square bottom trough. Yearling sows received 10 to 12 pounds of silage and gilts 8 to 9 pounds. The sows were fed silage from fall right up to farrowing. Usually they were fed twice a day but occasionally only once.

Ordinarily sows will need 9 to 10 pounds of grain per day per animal. Last winter with silage they got along just as well with 6 pounds of grain. The grain in mixture consisted of ground oats, ground corn, and 40 per cent hog concentrate. The grain was fed right on top of the silage in the troughs.

The sows came through the winter in beautiful condition and the silage kept their bowels in good shape, Dr. Winters reports.

He adds, however, that it's a good idea to watch silage feeding closely as the sow comes up to farrowing and to pull the cows off silage after farrowing because there is a tendency to scour.

He also points out that the University has only experimented with using silage and that high quality ground alfalfa may give just as good - if not better - results.

From Robert Raustadt
University Farm news
University of Minnesota

Sub. C-AL for "The Clipper"

Dec 1, 1952

St. Paul 1, Minnesota

Red River Valley Potato Marketing Clinic

EAST GRAND FORKS, Minn.--One of the most successful ~~series~~ of the ~~series~~ series of Red River Valley Potato Marketing Clinics held here was the sixth annual event November 5 and 6.

Attending were more than 400 persons--potato growers, shippers, processors, inspectors, county agents, 4-H club members and railroad personnel. Theme of the clinic was ~~the~~ "Prevention of Transit Loss and Damage."

Sponsors were the University of Minnesota and North Dakota Agricultural College, the Potato Research Center and Inspection Service of the U.S. Department of Agriculture, Red River Valley Potato Growers' Association, ~~the~~ American Railway Development Association and the East Grand Forks Commercial Club.

The ~~clinic~~ ^{session} opened Wednesday morning, November 5, with an explanation of the purpose of the clinic by O.C. Turnquist, extension horticulturist at the University of Minnesota, who served as general arrangements chairman for the clinic, and a word of welcome from Earl Enright, mayor of the host city. Presiding was A.R. Miesen, agricultural development agent, Northern Pacific Railway, St. Paul, and program chairman.

Potato loss and damage problems were discussed by C.A. Maffziger, director, freight loss and damage section, Association of American Railroads, Chicago, Ill. An illustrated discussion of appearance of potato loads when the car doors are opened at the market was conducted by (and R.C. Wells, Jr.) E.J. Clark, ^e district inspector, ^s Western Weighing and Inspection Bureau,

Chicago. ~~xxxxxx~~ ~~xxxxxx~~ ~~xxxxxx~~ ~~xxxxxx~~ ~~xxxxxx~~,

Herb Findlen, associate horticulturist, USDA Research Center, East Grand Forks, gave a report on eight experimental carloads in 1952, with and without floor rack protection.

During the Wednesday afternoon session, presided over by Dean H.L. Walster~~xxxxxx~~, director of the North Dakota Agricultural Experiment Station, the worth of floor rack protection was discussed, and all types --corrugated paper, individual pads, blankets, paper and others--were demonstrated. Speaker^s on the topic were T.R. Lynch, freight loading and container section, Association of American Railroads, Chicago, and C.A. Wardner, potato grower and shipper-processor, Grand Forks, N. Dak.

Alfred Edgar, senior agricultural engineer, USDA Potato Research Center, East Grand Forks, talked on cold weather loading and unloading . ~~xxxxxx~~ ~~xxxxxx~~ ~~xxxxxx~~ ~~xxxxxx~~ ~~xxxxxx~~ The loading tunnel was discussed by John Bushee, potato grower and shipper, ^{East Grand Forks} ~~and president of the East Grand Forks Commercial Club~~ B.B. Prather, perishable agent, Great Northern Railway, Grand Forks, as well as Edgar.

~~xxxxxx~~

In ~~xxxx~~ an illustrated lecture, T.R. Lynch showed recommended types of load, floor covering and various containers, including paper consumer types.

The Wednesday afternoon ^{clinic} program came to a close with a visit to the Research Center. Potato men saw various types and sizes of recommended loadings--the 360-450 bag load, paper bag load, loading tunnel and floor rack covers.

A feature of the Wednesday afternoon proceedings was a 4-H program with ~~Osgood~~ Osgood Magnuson, district 4-H ~~xxx~~ club supervisor, presiding.

A highlight of the two-day event was a banquet Wednesday evening which filled the Sacred Heart Catholic School Auditorium to capacity. Toastmaster was T.H. Fenske, associate director of agricultural administration, University of Minnesota. William Fluender, president of the American Railway Development Association, St. Paul, discussed transit loss prevention.

Principal banquet speaker was E.G. Sharvelle, plant pathologist at Purdue University. Dr. ~~Shar~~ Sharvelle outlined six essential steps to reduce transportation losses to fruits and vegetables: (1) ^eception--the recognition that such losses are significant to the welfare of American agriculture; (2) Reputation--producers must strive to produce only high quality, mature, perfect produce; (3) ^eperation--the producer and shipper must practice the best methods of packing, loading and shipping to avoid bruising and mechanical damage; (4) Foresight--to change and improve existing methods to meet present needs; (5) Investigation--without research industry can never flourish, and without industry research can never be effective; (6) Teaching--~~new~~ new knowledge must ^{be} disseminated and applied so that agriculture may profit from the work of many ^engaged in the task of helping future generations achieve greater success than their fathers.

At the banquet, Magnuson spoke on 4-H club work, and awards in the Minnesota State 4-H Potato Show were presented by Lee H. Everet~~th~~, banker and member of the East Grand Forks Commercial Club. Named champion and winner of a \$50 government bond from the Commercial Club was Walter Bauer, Jr., ~~at~~ 14, Ada, Minn. Reserve champion was John Samela, 10, Virginia, Minn.

With T.M. McCall, superintendent of the Northwest School and Station, Crookston, presiding, the Thursday sessions started ^{with} a discussion of

~~a discussion of~~ transit diseases and bruise damage control by G.B. Ramsey, senior pathologist, USDA Potato Market Pathology Laboratory, Chicago. He was assisted by E.F. Johnson, Federal-State Inspection Service, Minneapolis. A talk on the Federal-State Inspection Service was given by E.E. Conklin, chief of division, Fresh Products Standardization and Inspection, Chicago. Simplification of the inspection report was discussed by E.J. Clark. Dr. Sharvelle gave a report on research progress.

Paul Kasson, North Dakota Agricultural College, presided at the Thursday afternoon session. This session included a panel discussion on transit loss and damage control led by William Case, Red River Valley Potato Growers' Association, ^{East Grand Forks}. Others appearing on the two-day program made up the remainder of the panel.

Controlling freezing damage at transit washing plants was dealt with by Pat Carpenter, manager, Associated Potato Growers, Grand Forks. The carriers' problem in preventing freezing damage was the subject of a talk by B.B. Prather.

Keith Erickson, Western Fruit and Express, Grand Forks, discussed the possibilities of changing division points to locations farther south to prevent freezing damage, and the question of when is a car heated enough for loading. Pete Flaaten, Hoople, N. Dak., potato grower, spoke on manipulation of ventilation hatches in transit.

William Case discussed research and sales promotion. George Bushee, potato grower and shipper and president of the East Grand Forks Commercial Club, pronounced winners of the grading contest which was held for growers during the clinic. The clinic came to an end with a closing statement by Dr. Turnquist.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 1, 1962

SPECIAL to Steele county
newspapers
Release December 3 or after

COUNTY AGENT WINS NATIONAL HONORS

Professional honors were conferred on Steele County Agricultural Agent J. Russell Gute in Chicago Sunday when he received the distinguished service award certificate of the National Association of County Agricultural Agents.

Winners of the honor are picked on the basis of their length of service as county agents, work done in developing county agricultural programs, self improvement, advancement of their profession and participation in state county agent association affairs.

Gute has served in Steele county since January, 1941. Prior to that time he served in Faribault and Watonwan counties. He has a reputation as one of the state's ablest county agents.

Commenting on Gute's honor, Skuli Rutford, assistant director of the University of Minnesota Agricultural Extension Service, pointed out that "Besides being unusually industrious, he is a man who gives very serious thought to planning and execution of an extension program. He is a strong believer in enlisting the support of farm people in planning the educational work. He has a very enviable record of agricultural extension experience."

In Steele county, Gute's work has been marked by efforts to improve the income of dairy farmers, as well as by educational work in soil conservation, grass legume production and other phases of farming. According to Rutford, his demonstrations dealing with grass and legume production have been outstanding.

"In Minnesota," Rutford continued, "Mr. Gute is looked upon as one of the ablest leaders in the rural youth movement. Steele county, with only 12 townships, has a very high membership in 4-H club work in comparison with the number of participants eligible."

Gute was born at Glidden, Iowa, where he attended grade and high school. He graduated from Iowa State College with a bachelor of science degree in 1935. His

Page 2 -- County agent wins, etc. (Cont)

experience included working on the home farm until he was 18 years old. While at Iowa State College, he served as an assistant in the beef cattle barns.

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News Bureau
University Farm
St. Paul 1, Minnesota
December 1, 1952

To all counties

ATT: HOME AGENTS

AGENT GIVES TIPS
ON BUYING TOYS

When you go shopping for toys this Christmas, consider the age and the interests of the children concerned, advises Home Agent _____. A good assortment of toys, wisely chosen, will aid personality growth. On the other hand, playthings which are far too old for a child may force him beyond his capabilities.

Parents would be wise to use a toy buying plan which starts with a nucleus of one good toy to which others might be added, according to Mrs. Natalie Gallagher, home economist at the University of Minnesota. If a minimum of money is available for toys, remember that a small amount can buy a fragile, useless toy but the same amount will buy materials with which to make a sturdy homemade one, she says. A little time and imagination can pay big dividends in satisfactions to the child and savings to the parents.

Mrs. Gallagher advises choosing toys that have these characteristics:

- Durability. Durable toys can be handed down from older children to younger ones.
- Hygienic cleanliness. Toys and play equipment should be washable or cleanable.
- Simplicity. Simple materials offer more opportunity for creative imagination.
- Safety. This is an important feature in any toy. Use of poor paint and poor materials should be avoided.
- Flexibility of use. Children enjoy a plaything more if it has many uses. For example, a wagon that can be pulled, pushed, filled with toys, sand, dolls or children, or which can be a mail truck or an ice truck is usually a favorite toy.

Among toys suitable for specific age groups, Mrs. Gallagher has these suggestions: for infants, washable stuffed toys, transparent plastic balls or toys to float in the tub; 1-2-year olds, nest of blocks, peg board with large pegs, push toys; 2-3-year-olds, toys to push, pull, carry, build, and fit together, large picture books, doll, animal, cars; 3-4-year-olds, toys that help their play of imitating grown-ups, such as dolls, carriages, unbreakable dishes, brooms, dump trucks, fire engines; 4-6 year-olds, play materials for creative expression such as crayons, paint, easel, finger paints.

News Bureau
University Farm
St. Paul 1, Minnesota
December 1, 1952

To all counties

For publication week of
December 8 and after

NEW FOLDER TELLS
HOW TO GET MORE
MONEY FOR EGGS

A new University of Minnesota publication tells how _____ county farmers can get more money for eggs.

It's Extension Folder 80, "More Money for Eggs," by W.H. Dankers, extension marketing specialist, and Cora Cooke, extension poultry specialist, at the University.

Points brought out in the folder are:

- (1) Buy good chicks--breeding is important.
- (2) Feed your flock well--you get what you give.
- (3) Good management pays--give your flock a chance.
- (4) Pack and market with care--eggs are fragile.
- (5) Sell the kind of eggs the consumers want, when they want them.

The publication points out that to sell good eggs you must produce good eggs and keep them good. Eggs are perishable, like meat and milk.

Sell large, clean, fresh eggs, uniform in size, shape and color--with clear, thick whites and firm yolks.

Every poor quality egg makes consumers turn away from eggs. Every good egg stimulates consumer appetite. Increased consumption and demand mean favorable prices and increased returns, according to Extension Folder 80. The folder is available from the county agent or the Bulletin Room, University Farm, St. Paul 1, Minnesota.

News Bureau
University Farm
St. Paul, Minnesota
December 1, 1952

First of series on
seed for 1953
To all counties
For publication week of
December 8 and after

**BUY GOOD SEED,
AND BUY IT EARLY**

For 1953 planting, buy certified, recommended seed. Get it from a reputable dealer or producer of certified seed. Buy it early, and read the tag on the bag before, not after, you buy.

County Agent _____ passed those suggestions along this week (today) from W.M. Myers, chief of the agronomy department at the University of Minnesota.

Dr. Myers pointed out that, while there is generally an adequate supply of seed for 1953, local shortages may develop because of unequal distribution. "If you order early, you have better assurance that there will be a supply on hand or that your dealer will have time to order it for you," he said.

He also stated that Minnesota farmers generally benefit by buying certified seed of varieties tested and recommended by the impartial scientists of the Minnesota Agricultural Experiment Station.

Buying certified seed assures getting a true variety. Seed lots tend to "run out" because of natural crossing, mechanical mixtures and other causes. Name tags on common seed lots are easily changed, accidentally or deliberately, warned Dr. Myers.

He urged avoiding the "fly by night" operators and seed peddlers.

Seed handled by the reliable dealer conforms to the rigid protective seed law-- and here is where the seed tag comes in. The law requires that such factors as germination, purity and weed and other crop content, as determined by a reliable laboratory, be shown on the tag.

Dr. Myers urged growers not to be misled by "cheap" seed. "Farmers have found by costly experience that 'cheap' seed is not good economy--it may cost the failure of the crop, reduced yields, or introduction of noxious weeds to the farm."

And don't be taken in by seed that's over-priced, he continued. "Over-priced seed is usually handled by 'get-rich-quick' artists."

Seed varieties recommended by the Minnesota Agricultural Experiment Station are listed and described in "Improved Varieties of Farm Crops," University of Minnesota Extension Folder 22. Few changes in the list are in prospect for the next planting season. Copies of Folder 22 may be obtained from the county agent or the Bulletin Room, University Farm, St. Paul 1, Minnesota.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 1, 1952

SPECIAL to Pope county papers

Release December 2 or after

COUNTY AGENT WINS NATIONAL AWARD

Professional honors were conferred on Wels P. Hanson, Pope county agricultural agent in Chicago Sunday when he received the distinguished service award certificate of the National Association of County Agricultural Agents.

Winners of the honor are picked on the basis of their length of service as county agents, work done in developing county agricultural programs, self-improvement, advancement of their profession and participation in state county agent association affairs.

Hanson got his start in agricultural extension work in Hubbard county in March, 1934. He was named emergency county agent in Pope county in May of the same year. He became permanent Pope county agent in 1937.

Commenting on Hanson's honor, Skuli Rutford, assistant director of the University of Minnesota Agricultural Extension Service, praised his quiet but effective efforts in promoting the organization of such projects as REA and soil conservation districts in the county. "Over the years, he has also worked closely with the 4-H club boys and girls and has done very satisfactory work in this field."

Much of his early work in Pope county was in connection with the 1934 drouth and the emergency of the depression years. He set up and did much work with the agricultural adjustment program in Pope county in the early years. He was also in charge of the drouth cattle buying program and did considerable work with emergency feed relief program.

Hanson's work in Pope county has also been marked by outstanding work in crops, pasture improvement, soil management, dairying and 4-H club work. He is a graduate of both the School of Agriculture and the College of Agriculture of the University of Minnesota.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 1, 1952

SPECIAL to TC dailies, AP, UP
Immediate Release

BROWN COUNTY FARMERS TO VISIT GRAIN MARKET

Approximately 60 Brown county farmers will arrive in Minneapolis by chartered bus Tuesday (December 2) to study operations of the Minneapolis grain market.

The group, organized by Brown County Agent Paul Kuntel, will be met at the Grain Exchange at 9:30 a.m. by Harold Peterson, University of Minnesota extension marketing specialist, who is arranging the day's tour and program for the visiting visitors.

HELPS FOR HOME AGENTS

(These shorts are intended as fillers for your radio programs or your newspaper columns. Adapt them to fit your needs.)

In this issue:

Safe Toys

Say "Merry Christmas" with a Book

What About Fairy Tales?

Save Wear and Tear on Overshoes

Wool Label Helps Determine Wearing Quality

Gifts from the Kitchen

Easier-to-Handle Cookie Dough

Let Freezer Work for You Now

HOME SAFETY

Safe Toys

Of course your Christmas shopping this year includes toys for the youngsters. So the National Safety Council reminds us that when we buy toys, the right toy is a safe toy. Here are some points the National Safety Council asks us to keep in mind:

Toys for infants and toddlers should be sturdily constructed. They should not be painted with poisonous or lead-base paints. They should be sufficiently large so that the youngster cannot swallow them, yet not so heavy and cumbersome that they would injure the youngster if they toppled. The wheels and strings of wooden toys should be securely fastened in place -- not with carpet tacks or thumb tacks. All wood surfaces should be smooth and free of splinters and rough spots. No sharp edges should be exposed; all edges should be rolled or turned in, and corners of points should be rounded.

The Safety Council says that before buying any toy for an infant or toddler, it's wise to ask these questions:

1. Are there any removable parts small enough to swallow?
2. Is it too simple or too complicated for the child's physical or mental development?
3. Are there any sharp edges or angles?
4. Is the movable toy too heavy for the young owner to carry easily?
5. Is there any danger from fire or poisonous dyes?
6. Will it break or chip easily?

Remember that the right toy is a safe toy!

CHILD DEVELOPMENTSay "Merry Christmas" with a Book

Books are an excellent gift for a child because they give him hours of pleasure as well as information about the world in which he lives. Development of imagination and a love of beauty are outcomes of good reading, too.

But when choosing children's books, Mrs. Natalie Gallagher, instructor in home management at the University of Minnesota, says it's important to keep in mind the individual child, his age, his ability, his interest and his experiences.

What kind of books should one choose for a pre-school child? For the beginner, Mrs. Gallagher says, choose books which help him to understand his world better... in other words, books which have large, true-color illustrations of actual objects in his environment. Then he will be able to form mental images of the spoon, the orange or the dish he sees illustrated realistically in the book.

The child from three to five still likes books about familiar things in their environment. But the pictures can be accompanied by stories of increased length... stories about trains, fire engines, other children.

After the age of five years, the child is able to appreciate and enjoy stories about things he doesn't know but which are related to things he does know. He's able to imagine animals he has never seen because he's familiar with some animals of equal size. He can visualize a Christmas celebration in another country by comparing it to his family's celebration of Christmas.

And remember when you've selected the story you want for the pre-school child, see that the book has good print, wide margins, durable bindings and colorful illustrations.

What about Fairy Tales?

What about buying books of fairy tales for children? Mrs. Natalie Gallagher, instructor in home management at the University of Minnesota, says that unfortunately, many of the well-known fairy tales are scary, morbid or tragic. The child of elementary school age is able to enjoy fairy tales of this kind without fear. But a younger child may be very much disturbed by them, so it's better to give him books about familiar things in his own environment. The elementary school child, on the other hand, enjoys adventure stories of make-believe and those with great imagination, so he may find pleasure in reading fairy stories.

CLOTHINGSAVE WEAR AND TEAR ON OVERSHOES

Proper care of overshoes will make them last for several seasons, and will save on the family clothing budget. University of Minnesota clothing specialists remind us that heat, oil and grease are all enemies of rubber overshoes. So, they say, never dry overshoes near a hot radiator or hot stove. And always wash off grease or oil promptly, using water and a detergent.

To save on wear and tear of overshoes, keep them off the floor on shelves or racks located in a convenient spot. A peg rack you can easily build will keep overshoes and boots in shape as well as off the floor. Nail pieces of old broom handles, cut longer than the height of the boot, on a shelf or board so that each boot can be placed upside down over its own peg. This keeps boots from flopping over and eventually cracking at the ankles.

Another good way to prevent wear and tear on overshoes is to put them on carefully. And to keep them from getting shoes dirty, brush or wipe them out frequently.

WOOL LABEL HELPS DETERMINE WEARING QUALITY

When buying wool garments or yard goods, read the labels to help determine their wearing quality, Eves Whitfield, extension clothing specialist at the University of Minnesota, cautions.

The label is required by law to state whether the fabric is from new or "virgin" wool, reprocessed, or reused wool. If the fabric is a mixture, percentages of each should be stated also.

New or virgin wool is wool which has never been made into cloth before. Reprocessed wool has been made into cloth, but has never been worn. Ends of bolts and scraps from cuttings which have been broken down and remade into yarns are used for this purpose. Reused wool is made from fibers that have been in actual use before they are remade into yarns and fabric.

Tests show that garments containing all new wool give the best wear. However, garments made from mixtures may give reasonable wear, but homemakers should understand that the more reprocessed and reused wool they contain, the less service can be expected from them. Garments with more than 50 per cent reused wool in a blend will not give the fabric enough strength to stand much strain when it is worn.

FOODGifts from the Kitchen

When you can't decide what gift to give a neighbor or friend this Christmas, remember that your kitchen, your fruit cellar and your freezer can all yield very acceptable gifts. In fact, sharing with others some of your own homemade good things to eat is one of the nicest ways to say "Merry Christmas."

James, jellies or pickles are welcome gifts....and when wrapped in cellophane or gay Christmas paper tied with bright ribbon and decorated with a sprig of evergreen or holly, they're attractive as well. Frozen raspberries or strawberries, or a frozen chicken, take on a real holiday appearance when wrapped in shiny aluminum foil fastened with gay Christmas tape. From your oven, anyone would appreciate a coffee cake or a loaf of fancy bread, a fruit cake or a jar of cookies. A dozen eggs from the farm or a basket of polished red apples from the farm orchard will mean much more to city cousins than any gift you could buy.

EASIER-TO-HANDLE COOKIE DOUGH

Rolled cookies, cut into stars, Christmas trees and Santa Claus shapes, are one of the "musts" for Christmas. The dough will be easier to handle if it's chilled about a half hour, especially if the recipe is high in shortening. Chilling helps to distribute the moisture evenly and hardens the shortening. It also makes possible the use of a minimum of flour in rolling.

* * * * *

Let Freezer Work for You Now

You can save yourself much of that eleventh-hour frenzied rush before Christmas if you let your freezer work for you now. As soon as you have time, start baking your favorite Christmas cookies, make your holiday candies and store them in tin cans in the freezer. You can even make the cranberry sauce and bake the pie for your Christmas dinner several weeks in advance if you freeze them. If you use your freezer to advantage, you can enjoy those last few days before the holidays in a leisurely fashion.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 3, 1952

SPECIAL (with mat)

For publication week of
December 8, 1952

CUTLINES for accompanying mat: Gertrude Esteros, associate professor of home economics at the University of Minnesota, shows how attractive winter bouquets can be made of almost any type of weed found in the fields and woods. During the University's fifty-first annual Farm and Home Week, she will demonstrate the art of arranging bouquets for the home, using weeds of different textures, as well as cones and driftwood.

WIDE VARIETY IN
FARM-HOME WEEK
PROGRAM FOR WOMEN

A refresher course for rural and city women covering practically every phase of homemaking will be an important part of the University of Minnesota's fifty-first annual Farm and Home Week on the St. Paul campus January 13-16, according to J.O. Christianson, director of agricultural short courses.

Ways of making the home more attractive will be brought out in many of the talks and demonstrations planned for women. Experts in the field will give pointers on re-finishing furniture, planning window treatments, use of plants in interior decorating, making winter bouquets and choosing floor and counter surfaces.

A Rural Art Show, highlighting works of Minnesota's rural artists, will be a special part of Farm and Home Week this year.

Of special interest to parents will be discussions on group experiences for young children and preparing young people for marriage.

Clothing and food will also be featured at the sessions. Styles for women, children's clothing, blended fabrics and short-cuts in clothing construction will be discussed and exhibited.

A full day's program will be devoted to frozen foods, with demonstrations on packaging, preparation of pre-cooked and baked foods and cutting poultry for the freezer. Managing special diets, new ways with meats and the school lunch will be other topics that will appeal to homemakers.

Gardening enthusiasts will be able to attend separate sessions on horticulture nearly every day during Farm and Home Week. Included in the horticulture program this year will be suggestions on building and use of the vegetable storage room, talks on Minnesota wild flowers and how to attract song birds to the garden.

Printed programs of the complete schedule for Farm and Home Week are available from Office of Short Courses, University Farm, St. Paul 1, Minnesota.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 3, 1952

SPECIAL to TC dailies & Wire Services
Immediate Release

SW MINNESOTA FARM MANAGEMENT GROUP TO MEET

WINDOM, Minn.--Frank Parsons, associate director of research with the Federal Reserve Bank of Minneapolis, will be the principal speaker at the annual meeting of the Southwest Minnesota Farm Management Service in the Windom armory Friday. (December 5.)

He will speak on "Economic Conditions as They Affect the Farmer."

Another feature of the all-day meeting, which will begin at 10 a.m., will be a report by S.A. Engene, associate professor of agricultural economics at the University of Minnesota, on results of a University research study in farm costs and labor required to produce various crops and livestock and the costs of operating farm machinery. Members of the Southwest Minnesota Farm Management Association cooperated in this study.

W.E. Morris, extension animal husbandman at the University, will discuss latest developments in feeding livestock.

The Association will also hold its annual business session during the day.

The meeting is open to anyone interested in farm management, according to Harlund Routh of Worthington, field man for the organization.

The Southwest Minnesota Farm Management Association is a co-operative arrangement between the University of Minnesota, County Agricultural Extension Service offices and interested farmers for the study of farm management through the keeping and use of farm records.

The Association has 140 members in nine southwest Minnesota counties--Cottonwood, Faribault, Jackson, Martin, Murray, Nobles, Redwood, Rock and Watonwan.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 3, 1952

Immediate Release

300 EXPECTED AT SOILS SHORT COURSE

More than 300 dealers, county agents, farmers and others are expected to attend the second annual Soils and Fertilizer short course in Coffey hall on the St. Paul campus of the University of Minnesota Monday, December 15.

C.O. Rost, head of the University soils department and arrangements chairman for the course, will preside at the morning session, beginning at 9:30, with Paul M. Burson, professor of soils, presiding in the afternoon.

After a welcome from Dr. Harold Macy, director of the University of Minnesota Agricultural Experiment Station, results of experiments with soil conditioners will be reported by W.W. Nelson, University research assistant in soils.

Other topics to be discussed during the morning include soil character in relation to management and fertilization, by H.F. Arneman, assistant professor of soils; use of fertilizers in production of legume seed, by Professor Burson; and fall application of fertilizer, by J.M. MacGregor, associate professor of soils.

Harold E. Jones, extension specialist in soils at the U. of M., will open the afternoon session, beginning at 1:15, with a report on tissue tests in diagnosing plant nutrient deficiencies. Other reports will be made by A.C. Caldwell, associate professor of soils, on experiments with phosphate and phosphate carriers; J.F. Mulvehill, research assistant in soils, on results of fertilization with boron; and Dr. Rost on experiments with heavy fertilization of corn.

Registration will be held in Coffey hall beginning at 9 a.m., preceding the opening of the morning program. Additional information may be obtained from the Office of Agricultural Short Courses, University Farm, St. Paul.

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University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 3, 1952

Immediate Release

AG COLLEGE CHRISTMAS ASSEMBLY DECEMBER 10

The annual Christmas assembly of the University of Minnesota College of Agriculture, Forestry and Home Economics will be held in the auditorium of Coffey hall on the St. Paul campus at 8 p.m. Wednesday, December 10.

There will be a musical program and presentation of the Little Red Oil Can, traditional symbol of popularity and achievement, to a college student or staff member.

A-9139-rr

NUTRITIONIST TO WASHINGTON

Grace Brill, extension nutritionist at the University of Minnesota, will attend the National Food and Nutrition Institute in Washington, D.C., December 8-10.

More than 400 representatives of governmental and non-governmental agencies, including more than 35 state extension nutrition specialists, are expected to attend the institute. A one-day conference for extension nutritionists will be held following the institute.

This country's progress in the nutrition field will be reviewed during the meeting and ways of strengthening nutritional programs will be discussed. Among specific subjects to be considered are the national food situation, emergency food planning, food laws, food protection and nutrition as a factor in disease.

Miss Brill will serve on a special committee concerned with the adequacy of the American diet in terms of nutritional health.

A-9140-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 3, 1952

Immediate Release

YELLOW MEDICINE COUNTY WEED INSPECTOR HONORED

For the second year in a row, a weed control worker in a Minnesota county will be honored at the annual North Central Weed Control Conference, to be held jointly this year with the Western Canadian Weed Control Conference in Winnipeg December 9-11.

Andrew T. Olien, Clarkfield, Yellow Medicine county weed and seed inspector, will receive a scroll during a banquet to be held in connection with the joint conference Wednesday evening, December 10. He will be named as the outstanding county weed inspector in the 13 north central states of the U.S.

Olien qualified for the regional contest and a free trip to the Winnipeg conference as a result of being named Minnesota's outstanding county weed and seed inspector.

A year ago, A.B. Hagen, Murray county agricultural agent, was honored by the North Central Weed Control Conference, meeting in Oklahoma City, for his educational leadership in a 15-year battle against bindweed and Canadian thistle.

According to Sig Bjerken, supervisor of weed control with the Minnesota State Department of Agriculture, an outstanding feature of Olien's weed control work was his co-operation with the county extension service, Production and Marketing administration, county board, village and township boards, county property owners and the State Department of Agriculture.

Bjerken pointed out that the honors which have been received by Olien and Hagen are indications of Minnesota's national leadership in weed control.

A-9141-rr

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 3, 1952

Immediate Release

JUNIOR VEGETABLE GROWERS TO COMPETE IN NEW YORK

Ten members of the Minnesota Junior Vegetable Growers' association will leave from St. Paul Saturday by chartered bus to attend the annual convention of the National Junior Vegetable Growers' association in New York City December 7-11.

They will be joined in Madison and Milwaukee by members from Wisconsin.

At the convention the group will compete with young gardeners from other states in contests in judging and demonstrations.

Members of the vegetable judging teams who will compete are Raymond Wyland, County Road C and Elm, St. Paul; Donald Zibell, 1611 West County Road B, St. Paul; Jack Harper, 1190 Birch Lake Boulevard, St. Paul; Rose Marie Stockton, 1756 County Road I, Minneapolis; Betty Ann Sworsky, 546 West County Road G, St. Paul; and Loretta Harder, 2587 Hudson, St. Paul.

Taking part in demonstration contests will be Richard Angus, Farmington and Gary Switzer, Northfield; Josephine De Gross, Farmington; Roberta Anderson, Austin; Miss Sworsky; Miss Stockton; Zibell and Miss Harder.

Besides competing in judging and demonstration contests, the Minnesota group will take part in other convention activities including business meetings, educational programs and tours to places of interest in New York City.

Mrs. Clara Oberg, Ramsey county 4-H club agent, who is adult adviser for Minnesota and National Junior Vegetable Growers' association chairman for the central region, will attend the convention with the group.

A-9142-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 4, 1952

SPECIAL to farm and
other publications

Immediate Release

NOTE TO EDITOR: Realizing that your publication schedules make it necessary to have material somewhat in advance, we are sending you this comprehensive story on Farm and Home Week in advance of the stories which we will be releasing to newspapers and radio stations. We hope you will find some space for it in an early issue.

FARM AND HOME WEEK AT U. FARM JAN. 13 - 16

"Something for everybody" is a term often applied to the University of Minnesota Institute of Agriculture's annual Farm and Home Week. Never has that term been more appropriate than it will be in 1953.

Fifty-first annual Farm and Home Week will be held on the St. Paul campus of the University January 13 - 16. Farm and Home Week, the oldest, largest and most popular of all the short courses conducted on the St. Paul campus, is expected to be attended again this year by more than 2,000 farmers, farm homemakers and urban residents.

Farm and Home Week is actually many short courses in one. This year some 170 different persons will give talks or demonstrations on nearly 175 different topics. Many of these talks will deal with the latest results of University of Minnesota agricultural and homemaking research.

Those attending Farm and Home Week will attend the class sessions in which they are the most interested, with several meetings on different subjects to be carried on at the same time.

In addition to these class meetings, there will be special breakfast, noon and evening meetings which will feature entertainment and speakers on topics of general interest.

Noon speakers will include F. B. Morrison, of Cornell University, author of the famous text book, "Feeds and Feeding," on Thursday; and Aaren Behred, artist in residence at the University of Wisconsin, on Friday. Other noon speakers will be announced.

At the breakfast sessions, there will be group singing and inspirational talks by J. O. Christianson, who is superintendent of the School of Agriculture

on the St. Paul campus, as well as director of agricultural short courses for the University.

Evening programs will include vocal, instrumental and organ music, motion pictures, a 4-H club and Rural Youth party. One evening session will be devoted to dedication of the new St. Paul campus library and open house in the new structure.

A rural arts show will also be held in connection with Farm and Home Week this year. Entries, which are due by January 9, will be original work in all types of painting, sculpture and wood carving. Anyone living in Minnesota towns or rural areas may enter, according to Harald Ostveid, St. Paul campus librarian.

There will be no limit on the number of entries from one artist. The best and most interesting work will be selected for exhibit, and artists will receive a certificate of exhibition. Entry blanks may be obtained from the Office of Short Courses, University Farm, St. Paul.

Separate sessions will be devoted to such topics as goose raising, chemical weed control, livestock, dairying, poultry, farmstead conveniences, beekeeping, farm structures, horticulture, homemaking and family life, crop varieties, frozen feeds, farm machinery, diesel tractors, pest and disease control, farm management, soils and fertilizers, grassland farming, 4-H club work, rural electrification, farm business, and others.

Several livestock breed associations will hold meetings in connection with Farm and Home Week. First steps in organizing a state goose growers' organization will also be taken during the week.

Detailed information may be obtained by writing to the Office of Agricultural Short Courses, University Farm, St. Paul 1, Minnesota, and requesting to be placed on the mailing list for the printed Farm and Home Week program.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 5, 1952

SPECIAL to The Farmer

TIMELY TIPS FOR DECEMBER 20

The use of alfalfa in brood sow rations is the best kind of insurance against "poor luck" in the farrowing pens. Rations containing 25 or 45 per cent ground alfalfa hay were fed to bred gilts at University Farm last winter. The pigs farrowed by these gilts averaged 3 pounds at birth. Both rations were self fed.

--L.E. Hanson.

* * * * *

Past hog price fluctuations indicate producers should follow a feeding program to market the 1952 fall pig crop by mid-March or after May 1. There's no economy in limiting feed so that the pigs become unthrifty, but they can be fed so that there's little loss in efficiency of feed utilization and still reach a stronger market.

--R.M. Anderson.

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Here's a guide to hay needs, January 1 to May 15: If without silage, 2 tons per cow, plus one ton for each head of young stock. If you have silage, figure two-thirds as much. Determine your surplus, if any, so you will know whether to sell in case of an offer. -- S.B. Cleland.

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Feeding brood sows some distance away from where they sleep will induce them to get needed exercise.--H.G. Zavoral.

* * * * *

For 1953 planting, buy seed on the basis of quality, not price. The small additional cost of good seed will be repaid many times by superior crops. But watch out for seed that's misrepresented and over-priced. -- W.M. Myers.

The yolk remains centered longer when eggs are packed small end down in the case. A well-centered yolk is one of the best marks of good egg quality. -- Cora Cooke.

mrc

Tonics or minerals cannot replace proteins, carbohydrates and fats in the dairy ration. The first requirement is for these nutrients. Then a good high phosphorous mineral can be added if needed. -- H.R. Searles.

* * * * *

One of the best ways to build up a suitable farm shop is to clean and repair the tools you have and then expand by getting a few good pieces at a time as you find need for them and can justify the expense. In general, buy good or top quality rather than cheap or low capacity tools. -- C.H. Christopherson.

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Don't let an accident spoil your Christmas holiday this year. Take time to work, play and drive safely. -- Glenn Prickett.

* * * * *

A study of Minnesota egg marketing shows that producers who reported gathering eggs three or more times daily delivered 4 per cent more grade A eggs than those gathering less frequently. -- O.B. Jesness.

University ~~News~~ News
University of Minnesota
St. Paul 1, Minnesota
December 5, 1952

SPECIAL to 5 weeklies

Immediate Release

LOCAL MAN ON WINNING POULTRY JUDGING TEAM

The University of Minnesota College of Agriculture poultry judging team, including a member from _____, is back on the St. Paul campus with a trophy won in intercollegiate competition in Chicago.

In the Chicago contest, the team won first in production judging and placed fourth in breed selection and eighth in market products in a field of 22 college teams. The U team was fourth in over-all competition.

Members of the Minnesota team are Joseph E. Jenc, Benson; Charles D. Korinta, Detroit Lakes; Robert S. Mann, St. Paul; and William F. Simpkins, Prior Lake. They are all juniors except Korinta, who is a senior. They are coached by Thomas Canfield, associate professor of poultry husbandry.

Mann was fifth and Simpkins was seventh high individual in over-all judging. Simpkins also placed second in production judging out of 66 contestants.

Robert K. Erickson
1484 Simpson St.
St. Paul, Minnesota

file

Special 1/18/52

Written for Conservation Volunteer
(about 1500 words)

MUST REACH YOUTH, SAY CONSERVATION
EDUCATORS

by

Robert K. Erickson *

Youth must be reached with sound conservation education in the schools if our midwest area is to experience the benefits of more widespread conservation practices.

This was the basic agreement reached at the third annual midwest college conservation education conference held on October 9, 10 and 11 at the University of Minnesota Center for Continuation Study. States included were Minnesota, Wisconsin, Illinois and Iowa.

Educators from many fields, including geology, biology, geography, forestry and soils, met to discuss a subject of common interest--conservation education. And the group concluded that everyone, whether he be a rural or urban dweller, must be exposed to the type of conservation education that will lead him to put his learning into immediate use.

The type of training that can best achieve this end is the integration of conservation instruction into school curricula at all levels, the delegates felt. This plan would bring about a deemphasis of specialized conservation courses, except in the training of technicians, and the introduction of conservation at appropriate points in both science and social science courses.

In his keynote address, C.H. Bailey, Dean of the Institute of Agriculture at the University, sounded the first call for integration.

"I have come to believe in recent times that, in an institution provided with various subject matter departments, conservation is best taught through various departments and courses--broad subject matter courses taught by men who cover a broad field. By and large in a professional way we can best serve our students if we can introduce the discussion of conservation at the appropriate points.

more

"In the issue of training, people have got to accept conservation practices as a matter of course, not as something unique, not as something that maybe you should give attention to, but as something that is natural and a normal part of a good, sound program of agriculture."

The conference special research committee, in recognizing that conservation practices are not being adopted by farmers as rapidly as they might be, outlined four major obstacles to acceptance of such practices. They are:

1. Means of maintaining farm income while making the change from soil-depleting to soil-conserving practices.
2. Existing land-holding and rental procedures.
3. Limited funds to pay the out-of-pocket costs and to make necessary changes in farm practices.
4. Lack of interest and information on the possibilities of conservation farming.

The committee felt that all four obstacles can be successfully overcome through education. Individual delegates pointed out that it is difficult to convince many farmers to adopt conservation measures because they have not been exposed to conservation education or grown up in a climate of conservation consciousness. Had they received this training from kindergarten on, the inertia to accept conservation practices as something new would not be so prevalent.

This group also pointed out the following motivating factors which should be used fully in presenting conservation programs to farmers: income motivation; desire for efficiency; the challenge of being a good farmer; motivation through the example of leading farmers; saving the soil for the general welfare and the future; and incentive payments.

John C. Weaver, Professor of geography at the University, addressed the conference on "The Food Crisis of Humanity." He said that many of man's problems revolve around the continuing race between scientific and technologic advance and the ever increasing human need for a more and more productive physical world.

"Reliable estimates indicate that of the some two and one-quarter billion people in the world, at least one and one-half billion are undernourished. We are a part of one world, and we are finding to our cost that we cannot stand apart from starving neighbors."

Pointing out that Mother Hubbard's problem of a bare cupboard is becoming humanity's problem, Dr. Weaver said, "We in the United States owe it to the world to get in balance with our physical environment, and not sometime tomorrow, but today. If we fail to do so, we not only will cease to be the savior of starving millions abroad, but very presently we shall begin to feel the pinch of a tightening belt, and the ache of an empty stomach here at home."

As an illustration of this, he said that since our original settlement the United States has lost entirely or allowed to become almost unproductive 200,000,000 acres of arable land which could have provided the optimum food requirements of 80,000,000 people--the present approximate population of Japan.

Dr. Weaver believes that the struggle cannot be won exclusively along the battle lines of science but, "in the long run of human history, final victory can only be achieved through the deep entrenchment of the ethical instincts of true conservation in the hearts and minds of men."

Posing the problem "What Price Delay?" Chester S. Wilson, Minnesota Conservation Commissioner, offered "disaster" as the ultimate price. "Delay in applying the remedy increases the cost as time goes on; it increases in geometrical and astronomical proportions."

Mr. Wilson pointed out that Minnesota is behind other midwestern states in soil conservation progress and our late start will greatly increase our ultimate expenditures, as other states in this area are now discovering for themselves.

"We must get into people's minds the basic philosophy of soil conservation. We must begin with the students but we can't wait until these children grow up. We've got to depend on them to get this message home and awaken the grown-ups. The basic principle of this philosophy is that a man is not the sole possessor of his property; he holds it in trust for his fellowmen and future generations."

Mare

Next the delegates received the reports of four workshop groups: conservation education for elementary schools, secondary schools, technicians and citizenship.

Both the elementary and secondary school workshops stressed the need for a carefully planned program of in-service training of teachers in all aspects of conservation. Both groups also advocated an integration of the conservation theme into existing study areas as a better means of securing wide pupil participation^{ion} than special courses.

The two school workshops agreed that teacher training institutions do not offer their students sufficient opportunity to acquire the basic conservation enthusiasm, attitudes and understandings in their preparatory training.

In the conservation education for technicians workshop two major recommendations were made. First this group suggested that each state set up programs giving on-the-job or extension courses with graduate school credit in the field of conservation such as Washington and Illinois are doing.

Second they plan to survey technicians in the four-state area to obtain suggestions on subject matter and courses that have been found to be most needed and useful in the conservation field and also those courses they would prefer to take ~~if~~ offered in the field.

The conservation education for citizenship workshop outlined two areas of educational activity wherein additional emphasis for citizenship can be placed. (Conservation citizenship--a feeling of right or wrong in the manipulation of nature.) The areas are the public and private schools, colleges and universities and civic and professional organizations such as sportsmen, farmer, labor, church and service groups.

They felt that the educational institutions could widen their activities by offering registers of speakers on conservation citizenship, promoting television, radio and press presentations on this subject and using conservation citizenship as a topic for workshops offered as extension projects.

Upon suggestion of the workshops, copies of resolutions and recommendations will

now

be sent to college administrators and conservation officials in the four states through a member of the conference from each state.

Summarizing the conference, Dean M. Schweikhard, Minnesota Commissioner of Education, said that in order to effect conservation of natural resources there is a need of: teacher effort in preparation and service, both private and in-service training; effective preparation and use of instructional material; and utilization of pupil's time in gathering and using resources.

"Conservation education has a spread as broad as the whole field of education itself--from kindergarten through graduate school. No field of education has any richer or more constant opportunity for cultivation both in school and outside than conservation."

Attendance at the 1952 conference was 93, double that of last year's gathering. On the committee which set up this year's conference were I.O. Herbre^m, University of Wisconsin; Ralph Hay, University of Illinois; C.W. Lantz, Iowa State Teachers College; and M.A. Thorfinnson, extension soil conservationist at the University of Minnesota, conference chairman.

The 1953 midwest college conservation education conference will be held at Iowa State Teachers College at Cedar Falls.

* * * * *

* Robert K. Erickson is a senior at the University of Minnesota majoring in journalism.

News Bureau
University Farm
St. Paul 1, Minnesota
December 8, 1952

To all counties

For publication week of
December 15 or after

DUST POTATOES TO
PREVENT SPROUTING

Potatoes stored in the warm basements of modern homes can be kept from sprouting by dusting them with one of several non-toxic synthetic hormones now on the market, County Agent _____ stated this week (today).

This sprouting is accompanied by shriveling and loss of quality in the potatoes.

According to R. C. Rose, extension plant pathologist at the University of Minnesota, the best time to dust potatoes with the sprout inhibitor is late in December or early in January.

A 12-ounce can treats 8 bushels of potatoes and should hold back sprouting well into the summer. Treated potatoes should not be used for seed, according to Rose.

Sprout inhibitors are usually sold by seed stores under various trade names.

News Bureau
University Farm
St. Paul 1, Minnesota
December 8, 1952

To all counties

ATT: 4-H CLUB AGENTS
Use when timely

4-H LEADERS
TO GET TRAINING
AT INSTITUTES

The annual 4-H Leaders' Institute for _____ county adult and junior leaders will be held _____, _____, in _____ in _____ beginning at 10 a.m., Club (County) Agent _____ announces.

The _____ adult and junior leaders of this county's 4-H clubs will be among more than 10,000 4-H leaders in the state who will be given special help through district or county institutes in December and early in 1953.

(Use if yours is a district meeting: Instead of having a county-wide institute this year with members of the state 4-H staff in charge, extension agents and a group of adult and junior leaders from this county and several other counties will participate in a district training meeting.. They in turn will hold training sessions for other leaders in the county.)

"The 4-H Leader and the Local Club" will be the theme of the one-day meetings this year. Suggestions will be given on how to help 4-H members with their projects and how to train officers for their responsibilities. Understanding the needs of youth and the 4-H leader's part at the monthly meeting will be other topics discussed. Recreation helps will include how to have fun in small spaces.

Principal speakers at the institutes will be _____, district 4-H Club supervisor, and _____, state 4-H club agent. (For N.W. district: Osgood Magnuson and Evelyn Harne; for N.E. district: H.A. Pflughoeft and Mary Anderson; for southern district: Bernard Beadle and Gwendolyn Bacheller.)

-jbn-

NOTE TO AGENT: The papers in your county should have cuts of the supervisors and the state 4-H club agents who will be at your institute, since mats have been widely distributed in the past few years. If not, we will supply the number of mats you request.

News Bureau
University Farm
St. Paul 1 Minnesota
December 8, 1952

To all counties

ATT: HOME AGENTS

PANS CAN MAKE
A DIFFERENCE IN
AMOUNT OF BROWNING

For perfect results in your Christmas baking, choose your pans carefully.

Both materials and size of pans _____ county homemakers use in baking can make a difference in the overall quality of the products, according to Home Agent _____.

She passes on some information on the effect of materials in determining the speed of browning from Dorothy Bonnell, instructor in home equipment at the University of Minnesota.

Dark surfaces absorb heat, and light surfaces reflect it. For example, a shiny new tin pan will reflect more heat than a dull aluminum one and produce less browning. When the tin pan gets older and darker, it will absorb more heat and produce more browning.

Enamel and glass baking pans are similar to dark pans in that they absorb heat and give a browner product. For that reason, when making pies, many homemakers prefer enamel or glass. Bright tin will produce crusts that are not quite so brown.

Miss Bonnell says that the amount of air circulation in an oven also affects browning. The hot air must have a good chance to reach all parts of the product in baking.

Cookie sheets that are too large for the oven do not allow free passage of air from top to bottom and air may become too hot on the under side of the pan. The cookie sheet should be small enough to permit at least a two-inch clearance from the edge of the oven on all four sides.

The size of the cookie sheet or cake pan in relation to the amount of batter or dough is also important. If a few cookies are to be baked at the end of the batch it is better to turn a pie pan upside down to do the job than to use too large a sheet. The big sheet will absorb more heat than is necessary and the cookies will overbrown. Cake pans that are too large cut air circulation from the top crust and the borders of the cake will be pale.

Warped pans and ovens that are not level can cause uneven browning. It is wise to discard pans when they are no longer usable and to have faulty ovens adjusted promptly. However, be sure to check your pans before calling a service repairman to look at the oven.

News Bureau
University Farm
St. Paul 1, Minnesota
December 8, 1952

To all counties

For publication week of
December 15 and after

FILLERS for your column and other uses

You Need a Book -- It's not too early to begin assembling data for your income tax report. And remember for next year to keep a farm account book. It's ideal for summarizing data, says S.B. Cleland, extension economist at the University of Minnesota.

* * * * *

Pig Pushers -- For better health, faster growth and more efficient use of feed, be sure to include antibiotics and vitamin B-12 in rations for small pigs, suggests H.G. Zavoral, extension animal husbandman at University Farm.

* * * * *

Make Workbench Solid -- In planning a workbench for the farm shop, build it into the wall or fasten it so that it will be solid and sturdy, suggests C. H. Christopherson, professor of agricultural engineering at the University of Minnesota. A good size range is 8-12 feet long, 24-32 inches wide and 32-36 inches high.

* * * * *

Woodlots and Insurance -- A good farm woodlot is like an insurance policy that yields at regular maturity periods. While it grows it can add a better annual interest than that received on bank deposits, says Parker Anderson, extension forester at University Farm.

* * * * *

Use 'em Yourself -- Don't pack over-sized and weak-shelled eggs in cases, suggests W.H. Dankers, extension marketing specialist at the University of Minnesota. "There's too much danger of breakage. Keep as many as possible of the irregular-shaped, oversize and weak-shelled for home use," he says.

News Bureau
University Farm
St. Paul 1, Minnesota
December 8, 1952

Res.

A U. of M. Ag & Home Research Story
(2nd of 3 on seed for '53)
For publication week of December 15
To all counties

RECOMMENDED VARIETIES
BEST INSURANCE FOR
SUCCESSFUL 1953 CROP

Using seed of varieties tested and approved by the University of Minnesota Agricultural Experiment Station is your best insurance for a successful crop in 1953, County Agricultural Agent _____ said this week (today).

The county agent pointed out that the Minnesota Station conducts extensive tests of varieties developed in its own breeding program as well as those coming in from other sources. "This is your testing program, carried out by your impartial scientists. Unless you can afford to run your own experiments, don't take varieties not recommended by the Station," he said.

The list of varieties recommended for Minnesota is determined each winter at the annual Experiment Station Crops and Soils conference. Few changes in this list are in prospect for the next planting season, according to W.M. Myers, agronomy chief at the University.

Recommended varieties of grains now on the list include:

Oats -- Andrew, Clinton, Bonda, Mindo, Shelby, Ajax, Branch and James. Two new varieties not yet on the Minnesota list are receiving considerable publicity this winter. These are Clintafe from Iowa and Missouri 0-205 from Missouri. Little seed of either will be available during the coming year. Farmers should wait for further tests and a better seed supply before planting either variety.

Spring Wheat -- Lee, Mida and Rival are recommended. A new variety, Rushmore, has not been tested long enough in Minnesota to provide an adequate measure of its value. So far it has not been superior to the three recommended varieties. Henry has been the highest yielding variety in most areas, but it is not acceptable for milling.

Durum Wheat -- Carleton, Mindum and Stewart recommended. Nugget, another variety sold in Minnesota, has been inferior in yield to the three recommended varieties in all tests except at Morris.

MORE

Recommended Varieties

Page 2

Winter Wheat -- Minturki and Minter recommended.

Dr. Myers warned that seed buyers should beware of new varieties of wheat advertised as resistant to race 15-B of stem rust. "There just aren't any such varieties ready for distribution. We may have some in two or three years but not this winter," he said.

Barley -- Most of the barley planted in Minnesota is intended for malting. For this purpose there is really only one adapted variety, Kindred. Montcalm has excellent malting qualities and good yield, but it's not recommended because of weak straw and susceptibility to scab, loose smut, spot blotch and stem rust. When planted strictly for feed, Vantage, Moore and Peatland are recommended. They are not acceptable for malting.

Flax -- Redwing, Minerva, Koto, B5128, Redwood and Marine recommended. Seed supply of Redwood is reasonably good, but don't wait too long to buy. Marine is a new variety and little certified seed will be available this winter.

Soybeans -- Blackhawk, Monroe, Capital, Ottawa Mandarin and Flambeau recommended. Be sure to buy the variety adapted to your particular area of the state. Varieties that give high yields farther south might not mature in your area. And don't be misled by variety performance this past season. Even late varieties matured in the late, favorable fall.

Rye -- Emerald and Imperial recommended. Pierre, a new variety from South Dakota, has yielded almost as much as the recommended varieties. Dakold is inferior in yield, and Balbo is not winter hardy enough for Minnesota.

Such additional information as disease resistance or susceptibility, and yield and maturity in various zones of the state is contained in Extension Folder 22, "Improved Varieties of Farm Crops." This may be obtained from the county agent or the Bulletin Room, University Farm, St. Paul.

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NOTE TO CA: Info. on forage crops coming next.

UNIVERSITY NEWS
University of Minnesota
St. Paul 1, Minnesota
December 9, 1952

Board file

Special
Immediate Release

CANNERS SUPPORT 4-H CONSERVATION PROJECT

The Minnesota 4-H soil conservation project received new impetus today with the announcement of substantial financial support from the Minnesota Cannery Association.

Leonard Harkness, state 4-H club leader, stated that under an agreement between the Minnesota Agricultural Extension Service and the cannery, now meeting at their annual convention in Minneapolis, this financial support will be used in four ways:

1. Leadership training. Two one-day district training meetings for local adult and junior leaders have already been scheduled and if successful will be expanded to other areas of the state in the future. One of these meetings is being held today (Tuesday) in Mankato, and the other will be held in Rochester Wednesday.

2. Demonstration awards. The best 4-H soil conservation demonstrations given by 4-H individuals or teams in each county will win appropriate awards this fall.

3. State land use judging contest. Expenses and appropriate awards will be provided for county land use judging teams taking part in this new state contest.

4. Soil conservation educational folders and other project training materials will be provided.

Harkness said, "The donors and the Agricultural Extension Service both feel that the cause of soil conservation and sensible land use will be served by strengthening the education given to 4-H boys and girls engaged in this project.

"If young people accept the conservation philosophy and, in co-operation with their parents, apply soil building practices to the land, the next generation of farmers will be in a position to produce food more abundantly to help meet the growing demand for products of the farm. At the same time they will preserve their land in a high state of fertility for future generations," said Harkness.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 9, 1952

Immediate Release

CANNERS SUPPORT 4-H CONSERVATION

New impetus was given the 4-H soil conservation project in Minnesota with the announcement today of substantial financial support from the Minnesota Canners' Association.

Leonard Harkness, state 4-H club leader, stated that under an agreement between the Minnesota Agricultural Extension Service and the Canners' Association, this financial support will be used in four ways:

1. Leadership training. One-day district training meetings for local adult and junior leaders are being held this week (Tuesday at Mankato and Wednesday at Rochester), and these may be expanded to other areas of the state in the future.
2. Demonstration awards. The best soil conservation demonstrations given by 4-H individuals or teams in each county will win appropriate awards.
3. State land use judging contest. Expenses and appropriate awards will be provided for county land use judging teams taking part in this new state contest.
4. Soil conservation educational folders and other project training materials will be provided.

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"If young people accept the conservation philosophy and, in co-operation with their parents, apply soil building practices to the land," Harkness continued, "the next generation of farmers will be in a position to produce food abundantly to help meet the growing demand for products of the farm. At the same time, they will preserve their land in a high state of fertility for future generations."

A-9143-rr

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 9, 1952

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FOR RELEASE:
THURSDAY, 10 P.M., DECEMBER 11
* * * * *

YOUNG VEGETABLE GROWERS WIN AWARDS

Two young Minnesota gardeners who are members of the National Junior Vegetable Growers' association this evening (Thursday) were announced as winners of scholarship awards for their work in production and marketing.

Donald Zibell, 15, 1611 West County Road B, St. Paul, and Betty Ann Sworsky, 17, 546 County Road G, St. Paul, were presented the awards at the annual banquet climaxing the 18th annual convention of the National Junior Vegetable Growers' association in New York City.

Donald was named winner of a \$200 scholarship in the N.J.V.G.A. studies and production-marketing program. This is the second scholarship Donald has won this month for his work in gardening. Announcement was made last week that he was one of eight national winners of \$300 scholarships in the 4-H club gardening program. He was high-scoring individual in the state N.J.V.G.A. judging contest and has been a blue-ribbon 4-H garden exhibitor for three years at the State Fair.

Betty Ann received a \$100 scholarship in the association's studies and production-marketing program. She was a state winner in N.J.V.G.A. demonstration work this year and with Rose Marie Stockton, 1756 County Road I, Minneapolis, gave a demonstration on seed treatment at the annual convention in New York City this week. In 1951 Betty Ann was state winner in the National 4-H garden contest.

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University of Minnesota
St. Paul 1, Minnesota
December 9, 1952

Immediate Release

AG EXTENSION CONFERENCE NEXT WEEK

Nearly 250 Minnesota agricultural extension workers will attend their annual conference on the St. Paul campus of the University of Minnesota Monday through Thursday next week.

Attending will be agricultural, home and 4-H club agents from all counties and members of the state agricultural extension staff at University Farm.

Monday will be devoted to training sessions for new agents. Sessions for all agents will begin Tuesday.

General sessions will be conducted Tuesday, Wednesday and Thursday mornings, with separate programs on agricultural and home topics Wednesday and Thursday afternoons, according to Paul E. Miller, director of the University of Minnesota Agricultural Extension Service.

At these separate sessions, agents will be brought up to date on agricultural research conducted by the University and on other aspects of their work.

Speakers Tuesday will include Russell E. Jonas, president of Black Hills Teachers College, Spearfish, S. Dak., whose topic will be "Understanding People." Ray Anderson, associate editor of the Farm Journal, Philadelphia, will speak on "Extension as I have Met Up with It in 25 Years of Farm Reporting." Ralph W. Keller, manager of the Minnesota Editorial Association, Minneapolis, will discuss relations with the press.

On Wednesday, Mrs. W.H. Dewey, Campbell, Minn., northwest district home and community chairman, Minnesota Farm Bureau Federation, will speak on "The Extension Service--How Well Does it Serve?" F.W. Peck, managing director of the Farm Foundation, Chicago, former director of the University of Minnesota Agricultural Extension Service, will discuss "Building a Balanced Extension Program."

Speaking Thursday, George M. Robertson, president of the First National Bank, Winona, will discuss "Working with Farm People." The topic of L.C. Williams, director of the Kansas Extension Service, will be "Looking Ahead in Extension."

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Immediate Release

With mat

CUTLINES for accompanying mat: Gertrude Esteros, associate professor of home economics at the University of Minnesota, shows how attractive winter bouquets can be made of almost any type of weed found in the fields and woods. During the University's fifty-first annual Farm and Home Week (January 13-16), she will demonstrate the art of arranging bouquets for the home, using weeds of different textures, as well as cones and driftwood.

FARM AND HOME WEEK JANUARY 13-16

Farm and Home Week, the oldest, largest and most popular of all the short courses conducted by the University of Minnesota's Institute of Agriculture, will be held January 13-16 on the St. Paul campus.

Now in its fifty-first year, Farm and Home Week is expected to be attended by more than 2,000 farmers, rural homemakers and urban residents, according to J. O. Christianson, director of agricultural short courses.

Talks and demonstrations on nearly 175 different topics in agriculture and homemaking, many of them dealing with the latest results of University research, are scheduled for the short course.

A rural art show, to be held during the week, will highlight works of Minnesota's rural artists.

Ways of making the home more attractive will be brought out in many of the talks and demonstrations planned for both rural and city women. Experts in the field will give pointers on refinishing furniture, planning window treatments, use of plants in interior decorating, making winter bouquets and choosing floor and counter surfaces.

Of special interest to parents will be discussions on group experiences for young children and preparation of young people for marriage.

Clothing and food will also be featured at the sessions. Styles for women, children's clothing, blended fabrics and short-cuts in clothing construction will be discussed and exhibited.

A full day's program will be devoted to frozen foods, with demonstrations on packaging, preparation of pre-cooked and baked foods and cutting poultry for the freezer. Managing special diets, new ways with meats and the school lunch will be other topics that will appeal to homemakers.

Printed programs of the complete schedule for Farm and Home Week are available from Office of Short Courses, University Farm, St. Paul 1, Minnesota

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St. Paul 1, Minnesota
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* * * * *
FOR RELEASE: After 8 P.M.
Wednesday, December 10
* * * * *

"LITTLE RED OIL CAN" AWARDED

Paul Sandager, senior in agronomy from Hills, Minnesota, has been awarded "The Little Red Oil Can," traditional symbol of popularity and achievement at the University of Minnesota College of Agriculture, Forestry and Home Economics.

He received the award at the College's annual Christmas assembly program on the St. Paul campus tonight (Wednesday). The tradition of "The Little Red Oil Can" goes back to 1916, when it was awarded to E. M. Freeman, former College dean.

Sandager has been active in several phases of campus life. He has served as scribe for Alpha Zeta, agriculture-forestry professional honor society, president of the Student Council, a member of the Lutheran Student Association and as an ex-officio member of the Farm Campus Union board.

At the assembly, the "ball and chain," another traditional award, was given to Joanne Johnson, senior from St. Louis Park, and Arnold Sandager, senior from Northfield, for being the campus couple to become engaged most recently.

The Christmas assembly program also included several selections by the St. Paul campus chorus under the direction of Earl Rymer, organ music by Thomas Larimore, music instructor, and a Christmas play by the Punchinello Players, college dramatic society.

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MINDRUM NAMED DIRECTOR OF NATIONAL CLUB FOUNDATION

Norman C. Mindrum, assistant state 4-H club leader at the University of Minnesota, has been named executive director of the National 4-H Club Foundation in Washington, D.C.

This announcement, made in Washington, was authorized by A.G. Kettunen, chairman of the Foundation's board of trustees and Michigan State 4-H club leader.

Mindrum will take over his new duties in the nation's capital in January.

He will succeed E.W. Aiton, who resigned as executive director of the 4-H Foundation to become leader of 4-H Club and Young Men's and Women's programs for the Co-operative Extension Service of the U.S. Department of Agriculture.

Aiton is a former assistant Minnesota state 4-H club leader, agricultural extension information specialist, county agent and vocational agriculture teacher. He has served with the Agricultural Extension Service in Washington, D.C. since 1944.

As assistant 4-H club leader in Minnesota since February, 1950, Mindrum has aided with the over-all administration of the state's club program. Before joining the state 4-H club staff at University Farm, he was county agricultural agent in Winona county, where he developed a well-balanced program of both 4-H club and adult work.

Prior to that time he served as a vocational agriculture instructor at Winona, Lewiston and Plummer and spent two years in the U.S. Navy.

In his new position, Mindrum will direct activities of the 4-H Foundation, the goal of which is to help the Co-operative Extension Service in preparing boys and girls in rural areas for a happy and useful life.

These activities include direction of the Foundation's five-point program of service: (1) basic research in the developmental needs of youth, (2) citizenship and character building, (3) operation of a National 4-H club center in the nation's capital, (4) the International Farm Youth Exchange project, and (5) training in human relations for youth workers.

Mindrum was born at Rushford, Minn., and grew up on a farm in that community. After attending Winona State Teachers' College for two years, he enrolled at the University of Minnesota, where he received a degree in agriculture in 1942. In the summer of 1952, Mindrum was one of 44 agricultural extension workers who received scholarships for training in human development education at the University of Maryland Institute for Child Study.

He is married, the father of three children and has been a leader in church and community activities. He lives at 1773 Tatum, St. Paul.

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St. Paul 1, Minnesota
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Immediate Release

COUNTY AGENTS TO "GO TO SCHOOL"

Nearly 200 Minnesota county extension agents will be on the St. Paul campus of the University of Minnesota next week to stock up on ammunition for educational programs in their counties during the coming year.

The agricultural, home and 4-H club agents, representing every county in the state, will join with 60 state agricultural extension staff members in their annual conference, beginning Monday and continuing through Thursday. Theme of this year's conference is "Extension Builds a Better Tomorrow."

County extension agents, who represent the University of Minnesota, U.S. Department of Agriculture, county governments and farm people in the counties, bring to farmers and homemakers the latest information on farming and homemaking methods and conduct 4-H club work.

At their annual conference they will be brought up to date on University agricultural research and other subject matter data, as well as methods of doing their jobs.

The conference will open Monday at 9 a.m. with a full day of training sessions for new agents. Sessions for all agents will begin Tuesday. General sessions will be conducted Tuesday, Wednesday and Thursday mornings, with separate programs on agricultural and home topics Wednesday and Thursday afternoons.

Research and subject matter topics will include soils and fertilizers, crop diseases, animal nutrition, brucellosis control, dairying, textiles, family needs, counseling techniques for extension agents. Among the speakers at special agricultural sessions will be W.M. Myers, head of the University's agronomy department, who will discuss the part of research in agricultural progress.

Several well known speakers have been scheduled for the general sessions. They will include Russell E. Jonas, president of Black Hills Teachers College, Spearfish, S. Dak.; Ray Anderson, associate editor of the Farm Journal magazine, Philadelphia; F.W. Peck, managing director of the Farm Foundation, Chicago, and former director of the Minnesota Extension Service; and L.C. Williams, director of the Kansas Extension Service.

Also on the program are Paul E. Miller, director of the Minnesota Extension Service; Ralph W. Keller, manager of the Minnesota Editorial Association; Mrs. W.H. Dewey, Campbell, Minn, northwest district home and community chairman, Minnesota Farm Bureau; and George M. Robertson, president, First National Bank, Winona

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Immediate Release

STATE 4-H SCHOLARSHIP WINNERS NAMED

Two state 4-H winners of \$100 scholarships for outstanding over-all 4-H records have been announced by Leonard Harkness, state 4-H club leader at the University of Minnesota.

They are Robert Evenson, 18, Minnesota Lake, and Cornelia Gernes, 18, Winona. The scholarships, offered by the J.R. Watkins Company, Winona, go to one boy and one girl in the state who have done outstanding club work for three or more years.

Robert has been a member of the Lakes Lusty Learners 4-H club, Faribault county, for seven years. He was the state champion individual hog demonstrator and state reserve champion hog showman in 1948. In 1949 he helped develop a livestock loss prevention team demonstration which took the reserve state championship that year, and both the state and national championships in 1950.

He has held the offices of president, vice president, secretary and reporter of his local club and has been a junior leader for the past three years. He is now enrolled as a freshman at the University of Minnesota College of Agriculture.

Cornelia has been a member of the Wilson Fireflies 4-H club, Winona county, for 10 years. She has done particularly outstanding work in her 4-H demonstrations, having given a total of 35 demonstrations for which she has won blue ribbons each time except once. In 1950 she won the county bread baking demonstration championship and was named over-all county demonstrator. She has demonstrated three times at the state fair, winning three blue ribbons.

In 1950 and 1952 Cornelia won the county radio speaking contest, and took the district radio speaking championship in 1950. She was county style revue queen in 1951 and won a red ribbon at the state fair.

Cornelia graduated from Cathedral high school, Winona, in 1951, as salutatorian of her class. She is now enrolled as a sophomore in the Winona State Teachers' college.

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Immediate Release

RURAL YOUTH TO MEET DEC. 28-30

The seventh annual State Rural Youth conference and short course will be held on the St. Paul campus of the University of Minnesota December 28-30, Kathleen Flom, assistant state 4-H club leader in charge of Rural Youth, said today.

Purpose of the annual conference, according to Miss Flom, is to provide an exchange of ideas among Rural Youth members and to hear outstanding speakers as well as to give them an opportunity to learn something about the University and its facilities.

Registration and a get-acquainted party at the Hotel St. Paul will open the conference Sunday evening (Dec. 28).

Included on the program for Monday, which will be held on the St. Paul campus, is a tour of the home economics building and a talk on nutritional research at the University by Dr. Jane Leichsenring, professor of nutrition. A session on new fabrics for the young women and a visit to the University dairy department for the young men are also scheduled for Monday (Dec. 29).

A business meeting, talks and tours to the state capitol and state historical building have been arranged for Tuesday (Dec. 30).

A banquet Tuesday evening (Dec. 30) will close the meeting.

Minnesota now has approximately 2,500 members of Rural Youth groups, which are organized to meet the special needs and interests of young adults out of high school. The groups are organized on a county basis as a part of the Agricultural Extension Service program.

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University of Minnesota
St. Paul 1 Minnesota
December 12, 1952

HELPS FOR HOME AGENTS

(These shorts are intended as fillers for
your radio programs or newspaper columns.
Or adjust them for news stories.)

In this issue:

Christmas Lighting
Decorate Your Christmas Table
Make Your Own Candles

Left-Over Turkey for the Freezer
Have Tree-Trimming Party
Farm and Home Week

Christmas Lighting

Plan your Christmas lighting early this year for safe as well as attractive arrangements.

Outdoor Christmas lighting has increased in popularity with the years and adds much color and cheer to the holiday scene. But for safety in outdoor lighting, be sure outlets, cords, sockets and bulbs are weatherproof to avoid danger of short circuits from snow. They also should be sturdy enough to withstand ice and some swaying in the wind. Only heavy-duty cord should be used for outside extensions. Safety specialists say small strings of bulbs for indoor Christmas trees are not safe for outdoors. In other words, use only those sets which have UL (Underwriters' Laboratories) on the label. If you have an outlet installed outdoors, be sure it's in a weatherproof box and arrange to have all sockets hang down so water can't run in.

As for indoor lighting, be sure cords have no worn insulation that exposes wires and no loose connections at sockets or plugs. In decorating, make sure light bulbs will not come in contact with anything combustible.

Place the Christmas tree close to a wall outlet to avoid use of extension wires, but if such wires must be used, the heavy-duty kind are safest. Be sure wires are placed where they will not be trip hazards, will not run under rugs, along window ledges where they touch curtains, or over metal nails, hooks or hot radiators.

Take care not to connect Junior's electric train under the Christmas tree. Any metal decorations that fall on the track may short circuit, cause sparks and possibly a fire.

Finally, for safety, disconnect lights on the tree when you leave the room or the house. Outside decorative lighting may be left on, however.

Cooperative Extension Work in Agriculture and Home Economics, University of Minnesota, Agricultural Extension Service and U. S. Department of Agriculture Cooperating, Paul E. Miller, Director. Published in furtherance of Agricultural Extension Acts of May 8 and June 30, 1914.

HOME DECORATION

Decorate Your Christmas Table

Have the size and shape of your table in mind when you plan decorations for it this Christmas. And remember to keep them low enough so people can see over them. If your table is long, try to have an elongated decoration or use several units down the center. But don't have too large a centerpiece if the table is small.

If you choose the traditional decoration of evergreen boughs and pine cones, you can perk them up with small red bows on the branches. A grouping of red candles of varying heights will add the finishing touch. Having the candles in graduated lengths always makes them more interesting.

With the very same materials - evergreen branches, pine cones and bright ribbon - you can build a miniature tree on the table, using a flower holder as a standard or a birch log with a small hole drilled in it.

Another idea is to arrange small Christmas balls around a piece of driftwood and make a background of red candles.

* * * * *

Make Your Own Candles

You can have fun and save money this Christmas by making your own candles this year - the big, squatty variety. Use paraffin or old candles, but be sure to melt them in a double boiler, because the wax is very inflammable. You can use tin cans of the desired size for molds, punching a small hole in the bottom. Thread the wick through the hole, fastening it on the outside with a knot. Hold the wick in place by tying the other end around a pencil placed across the top of the can. Now pour a small amount of the melted wax in the bottom of the can and let it harden, then pour in the rest of the melted wax. Be sure to save some wax to fill in the mold after your new candle has cooled; otherwise you will have a depression in the center.

One caution: It's better not to try to use string for the wick. Old wicks sewed together will work much better.

FOOD AND NUTRITION

Left-Over Turkey for the Freezer

If the Christmas turkey was such a big one and you have more leftovers than you expected, why not freeze some of them? That's a good way to assure the family of turkey and all the trimmings several weeks after the big feast. The time to freeze the left-over turkey and dressing is soon after they have cooled. Experiments at the frozen foods laboratory at the University of Minnesota show that it's well to cut the meat off the bone to reduce bulk. Slice as many large pieces as possible and wrap them in freezer paper. These pieces can be used in sandwiches later or for serving cold. Cover the small pieces with gravy or make a sauce for them because they'll keep better frozen in this way. It's easy to store these small pieces in glass jars, leaving enough space in the jar for expansion.

One caution, though: be sure to use the turkey left-overs in about a month. They'll lose quality if stored for a longer time.

* * * * *

Have Tree-Trimming Party

At this time of year there's every excuse for a party. A Christmas tree-trimming party, for instance. Or an evening of carol singing. You can produce a party buffet menu in a hurry by planning it around the soup tureen, with soup as the main dish. Make oyster stew, your own favorite homemade soup or use one of the condensed soups. Dress it up with a colorful garnish. Get out the lovely old family tureen or use a modern casserole with a lid so you can keep the soup hot. Put branches of evergreen around the base of the tureen and tuck a sparkly Christmas ornament here and there in the greens. Put soup bowls near the tureen and a ladle beside it. Have a tray of sandwiches - ham on rye and cream cheese with chopped olives - on the buffet also. And arrange a plate of relishes to complete the menu. Then light up the candles and call guests in to enjoy the festivity.

FARM AND HOME WEEK

Hundreds of homemakers from all parts of the state set aside the dates of the University of Minnesota's annual Farm and Home Week as their annual vacation. Nowhere, in four days, can women get such a variety of information to help them do a better job of homemaking as well as to give them inspiration for their daily tasks. The dates for Farm and Home Week this year are January 13-16. The place: the St. Paul campus of the University of Minnesota.

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If you're planning to attend the University of Minnesota's annual Farm and Home Week January 13-16 on the St. Paul campus, you will want to make advance arrangements about housing. The Office of Agricultural Short Courses will be able to find comfortable rooms for you at a convenient walking distance from the campus. If you want help with your housing arrangements, address Housing Chairman, Office of Agricultural Short Courses, University Farm, St. Paul 1, Minnesota, at once.

* * * * *

A rural arts show held in connection with the University of Minnesota's annual Farm and Home Week this year will uncover creative talent among farmers and homemakers that perhaps even friends and neighbors knew nothing about. Original work in painting, sculpture and wood carving will be displayed by men and women on farms and in small towns throughout the state. You'll want to see the exhibition by Minnesota's rural artists January 13-16. The place is the new library on the University's St. Paul campus.

* * * * *

Women who are looking for ways to make their homes more attractive will get special help from experts during the University of Minnesota's annual Farm and Home Week in January. For example, specialists in home furnishing will demonstrate how to re-finish furniture and how to curtain problem windows. They will show how plants can be used in interior decorating and how you can beautify your home with winter bouquets made of ordinary weeds from the fields and woods. For the benefit of women planning new homes, tips will be given on choosing floor and counter surfaces. These and many other discussions on clothing, food, gardening and family life are a part of the program planned for women during the University's Farm and Home Week January 13-16. As in previous years, it will be held on the St. Paul campus.

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St. Paul 1, Minnesota
December 12, 1952

Immediate Release

DOWELL, FENSKE, AND SLOAN GET KEY U. POSITIONS

The promotions of three prominent members of the University of Minnesota Institute of Agriculture staff--A.A. Dowell, T.H. Fenske, and H.J. Sloan--were approved today (Friday, Dec. 12) by the Board of Regents.

Their appointments, which become effective January 1, are a part of the re-organization plan of the University's Institute of Agriculture.

Dr. Dowell will be Director of Resident Instruction and Assistant Dean of the College of Agriculture, Forestry and Home Economics. The directorship is a new position which includes many of the duties formerly discharged by Dr. Henry Schmitz who left June 30 to become President of the University of Washington.

Dr. Sloan will be the Director of the Agricultural Experiment Station. He succeeds Dr. Harold Macy who, as previously announced, will become Dean of the Institute of Agriculture, January 1, 1953.

Professor Fenske will be Assistant Dean of the Institute and will serve as administrative assistant to Dean Macy. His work will be much the same as he performed as Associate Director of Agricultural Administration with some additional responsibilities.

These three men along with Paul E. Miller, Director of the Agricultural Extension Service, and the Assistant Dean of the School of Veterinary medicine (not yet named) will be the principal assistants to the Dean of the Institute.

In commenting on the appointments of Fenske, Sloan, and Dowell, both retiring-Dean C.H. Bailey and Dean-elect Harold Macy declared, "The program of agricultural research and education will move ahead smoothly and effectively under the leadership of such highly competent members of the staff of the Institute. We are certain they have the respect and confidence of their colleagues and the people of Minnesota."

Dr. Dowell has been on the University staff since 1922. He was graduated from Iowa State College in 1915. He was professor of animal husbandry at Iowa State and University of Alberta.

(more)

In 1922 Dr. Dowell joined the University staff as Extension Livestock Specialist. In 1927, he was named superintendent of the Northwest School of Agriculture and Agricultural Experiment Station. In 1932 he was granted his Ph.D. by the University of Minnesota. In 1937 he returned to the St. Paul campus as Professor of Agricultural Economics. Since then he has distinguished himself in teaching and research in land economics and livestock marketing.

Dr. Sloan has long been prominent in poultry circles. A native of Nauvoo, Ill., he received his Bachelor and Master of Science degrees at the University of Illinois and his Ph.D. in 1929 from Cornell University.

Her served on the University of Illinois staff until 1936 when he came to the University of Minnesota to head up the poultry section of the Division of Animal and Poultry Husbandry. When Poultry Husbandry became a separate division in 1948, Dr. Sloan was named chief.

Dr. Sloan is currently president of the Poultry Science Association. He has been prominent in poultry research and in the promotion of the poultry industry. In 1950 in recognition of his services to the turkey industry he was awarded the Ranelius trophy of the Minnesota Turkey Growers' Association.

Professor Fenske is a native of Bemidji, Minnesota, and has been on the University staff since 1929 when he received his Bachelor of Science degree with distinction. Later he received his M.S. degree from the University. He served on the University's West Central School and Station at Morris from 1929 until 1947. During part of that time he was superintendent of the School and Station.

In 1947 he joined the central administrative staff of the Institute. During the first two years he spent much of his time activating the Agricultural Experiment Station at Rosemount. His job has involved the coordination of the programs of experimental work and administration of branch experiment stations and institutional programs and administration of the Schools of Agriculture.

Mr. Fenske has been active on many community and civic programs at Morris and in the Twin Cities. He served on the International Committee on Agriculture of Kiwanis for several years. He has been district governor of Kiwanis and vice president of Kiwanis International. He is also a co-author of the textbook, "Arithmetic for Agriculture."

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St. Paul 1, Minnesota
December 11, 1952

SPECIAL

with mat

CAPTION for a accompanying mat: Miss Miriam Scholl, associate professor of home economics and manager of the cafeteria at University Farm, examining oven-ready geese which will be on the menu for the banquet of the Goose Growers' Conference during Farm and Home Week on the St. Paul campus of the University of Minnesota. Omar Nelson, Junior poultry major from Kensington and a member of the University class that dressed the geese, is using a machine to wrap the bird for freezing.

GOOSE ON PROGRAM
AND MENU AT FARM
AND HOME WEEK

Goose will be on the menu as well as on the program during Farm and Home Week on the St. Paul campus of the University of Minnesota January 13 - 16.

The third annual Goose Growers' Conference will be held on Tuesday, January 13, as part of Farm and Home Week. A goose banquet, reports on University research in goose production and steps for forming a state-wide goose growers' organization are scheduled for the day.

Research report topics will include breeding, feeding and diseases of geese, according to T. H. Canfield, associate professor of poultry husbandry at the University, who is program chairman for the Goose Growers Conference.

Speakers at the banquet will be John L. Peyton, Duluth, goose producer, hatcheryman and editor of "Ducks and Geese," and Wayne Alleshouse, Norwalk, Ohio, hatcheryman and president of the Ohio Goose Growers' Association.

Other speakers during the day will include not only University staff members but also other hatcherymen, growers and retailers.

Research and other reports in a number of fields will be given at Farm and Home Week, according to J. O. Christianson, director of agricultural short courses at the University. These include, weed, insect and plant disease control, livestock and dairying, poultry, labor-saving ideas, beekeeping, farm structures, machinery, gardening and landscaping, homemaking, grain and oil crops, artificial breeding, farm management and business and soils and fertilizer. Several livestock organizations will hold meetings at Farm and Home Week, too.

A feature of Farm and Home Week this year will be a Rural Arts Show. Entries, which are due January 9, will be original work in all types of painting, sculpture and wood carving. Anyone living in Minnesota towns or rural areas may enter.

Rural Art Show entry blanks and Farm and Home Week programs, which are now being printed, may be obtained from the Office of Agricultural Short Course, University Farm, St. Paul.

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December 11, 1952

FOR RELEASE
MONDAY P.M.
DECEMBER 15

SOIL CONDITIONERS INCREASE WATER INFILTRATION

Infiltration of water into soil was greatly increased by the use of a chemical soil conditioner in a greenhouse experiment at the University of Minnesota, it was reported on the St. Paul campus of the University today (Monday).

The report was made by Wallace W. Nelson, research assistant in soils, during the University's second annual soils and fertilizer short course. Attending were fertilizer dealers, county agents, farmers and others.

When the soil conditioner was mixed into the top three inches of soil at the rate of 400 pounds per acre, the average time required for 2 inches of water to infiltrate the soil was 101 seconds, compared with 438 seconds for untreated soil, he said.

Soil conditioners, which are synthetic chemical compounds, were introduced about a year ago, and since then about three dozen different commercial brands have been put on the market in the form of powder, flakes or liquid.

Nelson pointed out that these compounds are not fertilizers and do not add plant nutrients. "Their one purpose is to increase the stability of the soil structure once it has been formed by some method such as tillage," he said.

Economical use of these soil conditioners is limited at present to specialized situations such as potting soils, greenhouses, flower beds, gardens, lawns, and erosion control on relatively limited areas, said the University soils expert.

Plant tissue tests are not a substitute for soil tests in making fertilizer recommendations, Harold E. Jones, University extension soils specialist, pointed out. Rather, they are another tool for diagnosing fertilizer needs, he said.

Jones explained that plant tissue tests are chemical tests made on plant tissue to determine the plant nutrient content of growing crops. "The tests merely ask the plant, 'Are you getting an adequate supply of nutrients from the soil?'"

These tests, when coupled with soil tests, cropping histories and a thorough knowledge of how plants feed and how fertilizers act in the soil, help take the guesswork out of fertilizer use, he continued.

So far, said Jones, not enough work has been done with tissue testing in this state to recommend its widespread use.

News Bureau
University Farm
St. Paul 1, Minnesota
December 15, 1952

To all counties

For publication week
of December 22 and after

FILLERS for your column and other uses

Income Tax Book -- For a copy of the "Farmer's 1952 Income Tax Book," see your county agent. S.B. Cleland, extension economist at the University of Minnesota, also suggests you get a farm record book from the county agent. It will help in your tax return next year if you keep it. The income tax book, containing a wealth of information to help fill out tax forms, was published under the sponsorship of the North Central Farm Management Committee representing 14 states, including Minnesota, and with co-operation of the Farm Foundation and the Extension Service, U.S. Department of Agriculture.

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Harvest and Thin -- Timber harvest this winter in the farm woodlot can improve the quality of material that remains, according to Parker Anderson, extension forester at the University of Minnesota. For greater future yield and higher quality, he suggests thinning of partially matured stands growing in a natural state where they are too thick and crowded, making for stagnation of the crop. Removal of large, low-grade trees is also suggested by Anderson.

* * * * *

Order Trees Now -- Marvin Smith, extension forester at University Farm, calls attention to a plea from the division of forestry of the Minnesota Department of Conservation to get tree orders in as soon as possible. There may be some counties which will not use all the varieties of trees allocated to them. Early responses to this appeal will permit re-allocation of unused allotments to counties which are in need of addition trees. Smith warns farmers that the trees they want may be gone if they wait too long. For more information, see the county agent.

* * * * *

Don't Wait -- Swine diseases cause waste of feed and money, warns H.G. Zavoral, extension livestock specialist at the University of Minnesota. Diseases either kill hogs or make them unthrifty and inefficient users of feed. "Don't guess, don't wait. Consult your veterinarian before it is too late," he urges.

News Bureau
University Farm
St. Paul 1, Minnesota
December 15, 1952

*Per.
Gross*

A U of M Ag & Home Research Story
(3rd of 3 on seed for '53)
To all counties
For publication week of December 22

WHICH ARE THE BEST FORAGE CROP VARIETIES?

In buying seed of forage crops for the coming season--as with other crop seeds--both varietal characteristics and general quality are important, Agricultural Agent _____ reminds _____ county farmers.

The county agent quotes a definition of good seed from W.M. Myers, head of the agronomy department at the University of Minnesota.

According to Dr. Myers, good seed means two things. First, it means the combination of characteristics that distinguish one variety from another--such things as yielding ability, lodging resistance, maturity and resistance to specific diseases.

"That is what you obtain when you buy certified seed of recommended varieties," he stated.

Secondly, good seed means factors of quality measurable in the seed laboratory, such as germination and freedom from weed and other crop seeds, dirt and trash. "Both concepts of good seed are important. In laying in your seed supply for 1953 planting, you cannot afford to neglect either," said Dr. Myers.

Forage and other crop varieties recommended for Minnesota are listed in Extension Folder 22, "Improved Varieties of Farm Crops," available from the county agent's office or the Bulletin Room, University Farm, St. Paul. Varieties listed in this

(more)

folder are recommended for Minnesota only after extensive tests by unbiased scientists at the University of Minnesota.

Forage crop varieties listed in Folder 22 are:

Alfalfa--Ranger and Ladak are recommended. Uncertified southwestern alfalfa seed is definitely not recommended in Minnesota. But certified seed of Ranger from California is just as satisfactory for planting in Minnesota as is certified seed of Ranger from any other area.

Ladak is well adapted to Minnesota, but the supply of certified seed is short.

Grimm is a good variety for short rotations, but, because of its wilt susceptibility, is not on the recommended list.

Two new varieties--Rhizoma and Nomad--are being offered in Minnesota at high prices but are not recommended. Rhizoma is not winter hardy, yields about like Ranger and Ladak but is susceptible to wilt. Its performance in Minnesota does not justify the price of seed. In tests to date, Nomad does not appear to be adapted in this state.

Brome grass--Lincoln, Achenbach and Fisher varieties of southern brome grass recommended. Seed supplies are limited--but early.

Red clover--Midland and Wegener recommended. Seed supplies limited. The best supply of certified red clover seed is that of Kenland, which is not recommended in Minnesota.

Sweet clover--Evergreen and Madrid recommended. Seed supplies are relatively limited, but the early buyer should be able to get some.

Few changes in this list are in prospect for the next planting season.

News Bureau
University Farm
St. Paul 1, Minnesota
December 15, 1952

To all counties
ATT: HOME AGENTS
For publication week
of December 22

HOLIDAY PLANTS,
FLOWERS NEED
SPECIAL CARE

Give your potted Christmas plants and cut flowers proper care so you can enjoy their color and freshness during the entire holiday season.

Home Agent _____ reminds _____ county families that the plants or cut flowers they receive for Christmas will last much longer with the right care.

She passes on these suggestions from Richard E. Widmer, floriculturist at the University of Minnesota, on caring for cut flowers:

- . Change water daily or use chemical preservatives in the water.
- . Keep flowers out of drafts and away from radiators.
- . Keep flowers cool at night.

High room temperatures and dry soil will shorten the life of potted plants such as poinsettias, cyclamen, Christmas begonias, azaleas and the Christmas cherry. The wilting which results detracts from their appearance, and once these plants start wilting, flowers die prematurely and the foliage falls. In the case of the Christmas cherry, the fruits will also drop.

The University floriculturist gives these rules to follow in caring for potted plants:

- . Supply plenty of lukewarm water, but do not keep the pot standing in water.
- . Keep the plant in bright light.
- . Lower the night temperature to prolong the life of the plant. Minimum night temperature for poinsettias and the Christmas cactus should be 60°F., for other flowering plants 50°F.
- . Avoid sudden temperature changes and drafts.

News Bureau
University Farm
St. Paul 1, Minnesota
December 15, 1952

To all counties
ATT: HOME AGENTS
For publication week of
December 22 or after

TIPS GIVEN ON SPOT REMOVAL

Stains on table linen are often an aftermath of holiday entertaining.

The best way to insure complete removal of stains is to attend to them promptly, using the method best suited to the type of spot, and one that will not harm the cloth, according to Home Agent _____ . Remember that hot soapsuds or the heat of an iron sets many stains, she cautions.

She passes on some suggestions from extension clothing specialists at the University of Minnesota on how to remove specific stains.

Cranberry sauce. Boiling water, if it does not harm the cloth, or sometimes even warm water will remove cranberry and most other fruit stains. Treat such stains immediately. Stretch the stained part over a bowl, fasten it with string and pour boiling water on it from a teakettle held at a height of 3 or 4 feet so the water strikes the stain with force. Some rubbing may be helpful. Follow with a bleach if necessary.

Candle Wax. Scrape away as much wax as possible with a dull knife. Then place the stain between clean white blotters or paper towels and press with a warm iron, changing the blotters as they absorb the wax. Sponge with carbon tetrachloride or other grease solvent. If a color stain remains, sponge with liquid made up of 1 cup denatured alcohol and 2 cups water.

Ice cream. If the stain contains no highly colored fruit or chocolate, sponge with cold or lukewarm water; then wash in warm soapsuds. Use the same method for chocolate ice cream, sponging afterward with hydrogen peroxide if necessary.

Gravy or meat juice. Sponge stain with cold or lukewarm water. Hot water will set the stain. If a grease spot remains, launder in warm soapy water.

News Bureau
University Farm
St. Paul 1, Minnesota
December 15, 1952

An OUTLOOK story
To all counties
For publication week
of December 22

LIVESTOCK MANAGEMENT
DETAILS WILL BE EVEN
MORE IMPORTANT IN '53

The average livestock producer will need to give more attention in 1953 to management details, said S.B. Cleland, extension economist at the University of Minnesota this week (today).

"In spite of sale prices that appear to be good under most conditions," he continued, production costs have risen so much that margins in all lines of farming, especially in livestock operations, are becoming increasingly narrow."

For dairy cattle, beef cattle and sheep, quality and quantity of hay and pasture are important. Early cutting of hay, barn drying, hay silage, improved pasture mixtures, rotation grazing, supplementary roughage feeding during periods of poor pasture and pasture feeding of beef cattle are practices to be considered, according to Cleland.

He continued:

For all classes of livestock, good production per animal is one important method of increasing the return over cost.

Dairy herds producing 300-400 pounds of butterfat per cow are usually more profitable than those running under 300 pounds. Hogs that make the market at over 200 pounds in less than 6 months usually return more net profit than those that develop more slowly.

Flocks that average 200 eggs per hen with 25 per cent of that production during the fall months may show a good return over cost when many flocks are barely breaking even.

Control of diseases, parasites and injuries is a constant problem of livestock producers. With narrowing margins, this factor becomes even more urgent.

Information on general economic conditions which will affect farmers and the specific outlook for dairy, beef cattle, feeder cattle, hogs, sheep and poultry is contained in Pamphlet 186, "1953 Livestock Outlook," authorized by Cleland. Copies may be obtained from the county agent or the Bulletin Room, University Farm, St. Paul.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 15, 1952

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SPECIAL to 23 dailies
Immediate Release

OUTLINES for photos and mats: Speakers at annual conference Minnesota Agricultural Extension Service, University Farm, St. Paul, December 15-18.

Russell E. Jenas, president, Black Hills Teachers' College, Spearfish, S. Dakota.

He will speak at 9:15 a.m. Tuesday, December 16, on "Understanding People."

Ray Anderson, associate editor, Farm Journal, Philadelphia. He will speak at 10:15 a.m. Tuesday, December 16, on "Extension as I Have Met Up with It in 25 Years of Farm Reporting."

F.W. Peck, managing director, the Farm Foundation, Chicago, former director, Minnesota Agricultural Extension Service. He will speak Wednesday, December 17, at 10:15 a.m. on "Building a Balanced Extension Program."

L.C. Williams, director, Kansas Extension Service, Manhattan, Kans. He will speak at 10:15 a.m. Thursday, December 18, on "Looking Ahead in Extension."

The conference started Monday morning with a training session for new county agricultural, home and 4-H club agents. Formal sessions will continue through Thursday, with Friday to be devoted to informal conference between county agents and state agricultural extension, home and club work specialists at their University Farm headquarters.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 15, 1952

Immediate Release

U VEGETABLE JUDGING TEAM WINS SECOND

The University of Minnesota Collegiate Vegetable Judging team returned to the campus today (Monday) after winning second place in the national collegiate contest held in New York City last week.

According to Orrin C. Turnquist, University extension horticulturist and coach of the team, the Minnesota group scored a total of 2787 points. First place winner was Cornell University, with a total of 2810 points.

Richard Angus, Farmington, ranked fifth in individual judging. Other members of the Minnesota team are Donald Dinkel, Anchorage, Alaska and Roberta Anderson, Austin.

Minnesota was the only midwestern college represented in the competition, which consisted of judging and grading potatoes and other vegetables and identifying diseases, insects, vegetable varieties and various defects.

for the team
Expense-paid trips/to the event were provided by Northrup King and company.

A-9153-jbn

University Farm News
University of Minnesota
St. Paul, Minnesota
December 15, 1952

Immediate Release

(With Mat)

NEW EXTENSION HOME MANAGEMENT SPECIALIST

New home management specialist for the University of Minnesota Agricultural Extension Service is Lucile Holaday, formerly of Ames, Iowa, Dorothy Simmons, state leader of the extension home program, announced today.

She succeeds Mary May Miller, who retired recently.

Miss Holaday's work as extension home management specialist will be concerned with developing improved home practices in managing household and family affairs. She will train home agents and local leaders in Minnesota counties in the field of home management.

For the past six years she has been district home economics supervisor for the Agricultural Extension Service at Iowa State college. Previous to that time she served as county home demonstration agent in Benton and Sioux counties in Iowa.

She is a graduate of Iowa State college and also received her Master of Science degree in home management and consumer economics from that institution.

A-9154-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 15, 1952

* * * * *
FOR P.M. RELEASE
Tuesday, Dec. 16
* * * * *

FARMERS WANT TO KNOW "WHY," COUNTY AGENTS HEAR

Farmers nowadays want to know not only "how" to do things but also "why" they are doing them, Minnesota county agricultural extension workers were told at their annual conference on the St. Paul campus of the University this (Tuesday) morning.

The speaker was Ray Anderson, associate editor of the Farm Journal magazine, Philadelphia, former editor of the daily Farm Page of the Cedar Rapids (Iowa) Gazette, and one-time county agent and farmer himself.

Anderson pointed out that there are thousands of college graduates, former 4-H club members, and FFA boys on the farm now. "They know something about chemistry, physics, bacteriology, photosynthesis. And they want to know more so they can operate intelligently," he stated.

Anderson reminded the agents that farmers are interested in anything that cuts time and labor and that promises to increase net income. "They're skeptical sometimes, but they still want to know."

He told the agents that to be good extension workers they must be specialists not only in agriculture but also in people. "After all, what does it profit that person out on the acres to know all about raising hogs or milking cows, or making hens lay eggs unless he or she gets a kick out of it and knows how to translate the results into happiness for the home and everybody around."

Among new things being tried out by farmers, researchers and others, Anderson mentioned the following ideas in which other farmers are interested:

Getting good yields with corn on the same land every year--without crop rotations--by plowing under stalks, heavy fertilization, proper seedbed preparation and seeding to get the maximum stand.

Planting corn in unplowed and unworked ground such as sod, growing grass, grain, stalks, stubble or even weeds.

Planting corn in pairs of 36-inch rows with a wide skip space between each pair of rows.

Wide-spaced single corn rows--40, 60, 70 or 80 inches apart--with seedings of grain and grasses between the rows.

AG EXTENSION'S STRONG POINTS AND NEEDS LISTED

The ideas of a former director of the Minnesota Agricultural Extension Service on the strong points and needs of extension work in Minnesota and elsewhere were presented to county agents at their annual conference this (Wednesday) morning.

In a talk given on the St. Paul campus of the University of Minnesota, F. W. Peck, managing director of the Farm Foundation, Chicago, and director of the Minnesota Extension Service during the 1921-1938 period, listed Extension's strong points as the following:

(1) A well-established system of adult education that has made remarkable progress in the past 35 years. (2) Increasing demand for this service by a receptive clientele. (3) Resource material available to extension by its close association with experiment stations and the successful experiences of farmers. (4) Effective teaching techniques practiced by successful extension teachers, with emphasis on visual aids and modern methods of reaching increasing numbers of people. (5) The high mobility and flexibility of the extension service in meeting extraordinary emergency problems.

He listed these "weaknesses of extension's resources":

(1) Need for more funds to employ more and better trained staff, both at the state and county levels. (2) Serious questions which may be raised concerning detailed methods of county organization and operation from the standpoint of the killing job represented by the demands on county workers. (3) Pre-service and in-service training needs at all levels of extension organization. (4) Extension's responsibilities in fields presently tending to be undertaken by other agencies.

The extension workers' conference got under way Monday morning. Formal sessions will continue through Thursday, with informal meetings between county and state staff members scheduled for Friday.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 16, 1952

FOR RELEASE:
WED. 3 p.m.
Dec. 17.

HOME AGENTS HEAR TALKS ON TEXTILES, COUNSELING

At least three times as many fibers are now being employed in some form in materials for clothing as were used 50 years ago, Ethel Phelps, professor of home economics at the University of Minnesota, told county home agents Wednesday afternoon (Dec. 17).

Miss Phelps spoke at a special session on home economics for home agents and extension home economics specialists held as part of the annual conference of the Minnesota Agricultural Extension Service on the St. Paul campus of the University of Minnesota.

The increase in number of fibers being used is due to the development of chemically manufactured fibers as well as to the introduction of rayon and acetate. Per capita consumption of man-made fibers has increased 220 per cent in the last 10 years. Miss Phelps said.

The new materials, whether blended or not, have many excellent characteristics, but they present real problems to the clothing manufacturer as well as to the home sewer, since they may require some modification of the techniques of sewing, pressing and cleaning which have been used for the old fibers. Detailed and careful labeling will be needed in order to provide homemakers and other consumers with the information required for intelligent selection of the new fibers, according to Miss Phelps.

Speaking on "Counseling Techniques for Extension Agents," Mrs. Cornelia Williams, counselor at General college, University of Minnesota, pointed out that home agents are called upon to do two levels of counseling: giving information and helping people tackle and solve problems they are worried about. They must learn to discriminate between the situations which call for these two types of counseling and those which call for clinical counseling which is out of their field, she said.

Some special skills are needed to do second-level counseling, that is, helping people to solve problems, Mrs. Williams stated. Some of them, however, can be developed on the job. They include good understanding of human behavior, special skills in analyzing problems and solving them, a clear knowledge of one's own limitations and assets and a good understanding of other professional services in the community which can be brought in to help.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 16, 1952

Immediate Release

CLOTHING ACHIEVEMENT WINNERS ANNOUNCED

Long-time clothing records have paid off in substantial prizes as well as in savings on the budget for five Minnesota 4-H club girls.

The girls, who have taken the 4-H clothing project from seven to 11 years, have won \$100 scholarships or sewing machines, depending on individual choice. The awards are being made by the Dayton company, Minneapolis.

The clothing award winners are Audrey Meixell, Lake Crystal; Alice Tukua, Alden; Mary Agnes Traxler, LeSueur; Lavon Arthur, Princeton; and Janice Foss, Pelican Rapids.

All of the girls have won numerous purple and blue ribbons for demonstrations and exhibits in clothing construction. They make most of their own clothes and even do sewing for other members of their families. During their years of project work the five girls together have made 634 garments.

Miss Foss is a student in home economics at the University of Minnesota; Miss Traxler is at the College of St. Benedict; and Miss Tukua and Miss Meixell are at Mankato State Teachers' college.

County winners in clothing achievement will receive shears.

A-9158-jbn-

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 16, 1952

COUNTY AGENTS HONORED

Charles Beer, Anoka County Agent, today (Wednesday, December 17) was named winner of the fifth Annual Minnesota Agricultural Extension Service Information Contest.

Announcement of the award and presentation of a special plaque was made this morning as part of the Annual Conference of the University of Minnesota Agricultural Extension Service.

Beer was honored because of his outstanding work bringing important agricultural information and advice to farmers through the cooperation of the press and radio and through the use of visual aids and circular letters.

The information contest, which brought over a hundred entries from county Extension workers throughout the State, had sections for press, radio, visual aids, and circular letters. Beer's entries were judged to be among the best in all sections and so he received the top award.

Other winners of plaques include Wesley J. McCoy, Swift county, for work with press; Victor Sander, Dodge county, for work in radio; Ronald McCamus, Kandiyohi county, for excellence in circular letters; and Beer for use of visual aids in an Agricultural Extension teaching program. Special awards were given to the following Extension agents for having the best entries in sub-classes:

- Best farm column - Wesley J. McCoy, Swift county.
 - Best news coverage (men) - Wesley J. McCoy, Swift county.
 - Best home economics column - Bernice Slinden, Meeker county (for the second consecutive year.)
 - Best news coverage (women) - Chloris Gunderson, Nicollet county.
 - Best pictures taken by county agents - Ross Huntsinger, Nobles county (for the second consecutive year.)
 - Best extension pictures taken by newspapers, etc. -- entered by Charles Beer, Anoka county and V.J. Johnson, Houston county, tied for first place.
 - Best slides - Fred Wetherill, Nicollet county.
 - Best radio interview (men) - Wayne Hanson, Houston county.
 - Best radio interview (women) - Shirley Shingleton, Red Lake county.
 - Best straight talk, radio (men) - Victor Sander, Dodge county.
 - Best straight talk, radio (women) - Merle Sherman, Beltrami county.
 - Best circular letter (men) - Ronald McCamus, Kandiyohi county.
 - Best circular letter (women) - Rosella Qualey, Kandiyohi county (for the second consecutive year.)
- (more)

Other agents honored with blue ribbons in various classes are as follows:

News columns - Nick Weyrens, West Otter Tail county; Ronald McCamus, Kandiyohi county; John Ankeny, Watonwan county; Dale Smith, Carver county.

Home economics column - Ruth Johnson, Grant county; Minda Herseth, Meeker county; Irene Johnson, Kittson county; and Rosella Qualey, Kandiyohi county.

News coverage (men) - Dale Smith, Carver county; Clifton Halsey, Washington county; Ronald McCamus, Kandiyohi county; Charles Beer, Anoka county; and Fred Kaehler, Anoka county.

News coverage (women) - LaVerne Larson, Waseca county; Donna Lu Johnson, Nobles county; Eleanor Fitzgerald, Clay county; Merle Sherman, Beltrami county; and Marian Larson, McLeod county.

Slides - Charles Beer, Anoka county; Bernice Slinden, Meeker county; Ada Todnem, Pipestone county; Eleanor Fitzgerald, Clay county; Harold Aase, North St. Louis county; Hal Anderson, Crow Wing county; Chloris Gunderson, Nicollet county; Rosemary Conzemius, Rice county; Arnold Wiebusch, Goodhue county; and Victor Sander, Dodge county.

Pictures taken by county agents - Charles Beer, Anoka county; Floyd Colburn, Itasca county; Paul Kunkel, Brown county; Victor Sander, Dodge county; V.J. Johnson, Houston county and Fred Wetherill, Nicollet county.

Pictures taken for Extension by newspapers, etc. - Ella Kringlund, Sherburne county; E.E. Bjugge, Sherburne county; and Wayne Hanson, Houston county.

Radio interview (men) - Victor Sander, Dodge county; G.J. Kunau, Goodhue county; Clarence Quie, Dakota county; and Richard Radway, Roseau county.

Radio interview (women) - Julia Bartlett, Houston county; and Esther Gabrielson, Watonwan county.

Straight talk, radio (men) - Joe Clifford, Martin county and Harold Rosendahl, Norman county.

Straight talk, radio (women) - Marian Parbst, Norman county.

Circular letter (men) - Charles Beer, Anoka county; J.O. Jacobson, Beltrami county; V.J. Johnson, Houston county.

Circular letter (women) - LaVerne Larson, Waseca county; Verna Mikesh, Lac qui Parle county; Minda Herseth, Meeker county; Irene Johnson, Kittson county; and Mrs. Ella Kringlund, Sherburne county.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 16, 1952

FOR RELEASE:
THURSDAY P.M.
DECEMBER 18

STATE DIRECTORS CHALLENGE AG EXTENSION WORKERS

Minnesota agricultural extension workers were challenged today at their annual conference to maintain a high standard of work during the years ahead.

Meeting on the St. Paul campus of the University of Minnesota, the extension workers heard their own chief, Paul E. Miller, director of the University of Minnesota Agricultural Extension Service, and L.C. Williams, director of the Kansas Extension Service, Manhattan, Kans.

Director Miller said that the years ahead present a great challenge to extension workers and all others interested in maintaining the present high standard of living.

Director Williams pointed out that an important key to the future of their organization is the way in which they accept their responsibility in the Land Grant College program of education and research of which they are a part.

Said Director Williams:

"The Land Grant College program as a whole will develop and advance in proportion to the service it renders to an informed, forward-looking public. Extension, with its responsibility of carrying factual information and educational activities of many types to persons who are not resident students of the institution, has great opportunity to do its full share as a member of the research, resident teaching and extension team. Each of the three team members must be strong, and all must pull together in a fine spirit of co-operation."

Said Director Miller:

"The present advanced standard of living and financial position of farm people has been brought about because of relatively favorable prices, improved farm credit facilities, improvement in agricultural marketing facilities, the interest that government has shown in agricultural welfare and, to a very large extent, because farmers generally have been quick to take the results of research and experimental work that have been developed in the laboratory and in the field and apply them to their own business.

"To maintain the standard of living that now exists on Minnesota farms is both the privilege and the obligation of every Extension worker."

Bound file

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 18, 1952

SPECIAL TO TV dailies
Immediate Release

OUTLINE

George H. Robertson, president of the First National Bank of Winona, will speak at 2 P.M. Thursday, December 18, at the annual conference of the Minnesota Agricultural Extension Service. His topic will be "Working with Farm People."

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University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 16, 1952

SPECIAL to TC dailies

Immediate Release

GOOSE...ON THE PROGRAM AND ON THE MENU

The goose will have its day during Farm and Home Week on the St. Paul campus of the University of Minnesota January 13-16.

When the third annual Goose Growers' Conference is held Tuesday, January 13, the bird will be on the menu as well as on the program. Scheduled for the day are a goose banquet, reports on University research in goose production and steps for forming a state-wide goose growers' organization.

Research report topics will include breeding, feeding and diseases of geese, according to T.H. Canfield, associate professor of poultry husbandry at the University, who is program chairman for the Goose Growers Conference.

Speakers at the banquet will be John L. Peyton, Duluth, goose producer, hatcheryman and editor of "Ducks and Geese," and Wayne Alleshouse, Norwalk, Ohio, hatcheryman and president of the Ohio Goose Growers' Association.

Other speakers during the day will include not only University staff members but also other hatcherymen, growers and retailers.

Research and other reports in a number of fields will be given at Farm and Home Week, according to J.O. Christiansen, director of agricultural short courses at the University. These include, weed, insect and plant disease control, livestock and dairying, poultry, labor-saving ideas, beekeeping, farm structures, machinery, gardening and landscaping, homemaking, grain and oil crops, artificial breeding, farm management and business and soils and fertilizer. Several livestock organizations will hold meetings at Farm and Home Week, too.

A feature of Farm and Home Week this year will be a Rural Arts Show. Entries, which are due January 9, will be original work in all types of painting, sculpture and wood carving. Anyone living in Minnesota towns or rural areas may enter.

Rural Art Show entry blanks and Farm and Home Week programs, which are now being printed, may be obtained from the Office of Agricultural Short Course, University Farm, St. Paul.

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University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 16, 1952

FOR RELEASE:
AFTER 3 p.m. WEDNESDAY
DEC. 17

GRASSLAND RESEARCH LAGS, U. AUTHORITY SAYS

U.S. research in grassland crops, which are needed to meet the needs of an increasing population, is at least 25 years behind research in other farm crops.

This statement came this (Wednesday) afternoon from W.M. Myers, chief of the agronomy and plant genetics department at the University of Minnesota, in a talk at the annual conference of the Minnesota Agricultural Extension Service on the University's St. Paul campus.

Dr. Myers, former director of field crops research for the Bureau of Plant Industry, USDA, is a world famous authority on grassland farming. He served as secretary general of the International Grassland Congress at Pennsylvania State College in August, 1952.

Dr. Myers said:

"Conversion of our agriculture to grassland farming is both an opportunity and a necessity if we are to meet the challenge of our increasing population. But, as with all agricultural programs, grassland agriculture can be ultimately successful only if it is backed by an adequate research program."

Not only does grassland farming research lag, said Dr. Myers, but "we are not catching up. In fact, we are falling farther behind. In this state, for example, we have less staff and facilities to devote to breeding of all the forage crops than we are devoting to the breeding of corn, or wheat or oats.

"Yet, on our farms there is a crying need for an alfalfa variety with leaf spot resistance. We need a Ladino clover variety hardy enough to be reliable in Minnesota. The red clover we now use is much less improved than the open-pollinated corn varieties were 20 years ago. We must have better brome grass and timothy varieties before these two grasses can make their potential contribution to our farming program."

"But such improved varieties can only come slowly, if at all, from the limited breeding program we can now support on these forage crops," said Dr. Myers.

Plant diseases are not static, stated J.J. Christensen, professor of plant pathology at the U. He said that it is not uncommon for new varieties of crop plants to lose their resistance to diseases after they have been grown commercially for a few years.

These changes in reaction to diseases are due to genetic changes in disease-causing organisms or to the introduction of new kinds of organisms or new virulent races of old organisms, rather than to physiologic or genetic changes in the plants, according to Dr. Christensen.

December 17, 1952

Dear Friend:

I am enclosing a copy of the results of the Annual Extension Information contest held each year for county Extension workers. You will notice that one of your county Extension workers has won a prize in one or more of the divisions of competition--press, radio, circular letters or visual aids.

Competition in all classes was close and I think it was an honor for your county agent to receive an award in one or more of these classes which he entered.

Sincerely

Harold B. Swanson

Harold B. Swanson
Extension Editor

HBS.r

Enc.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 16, 1952

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(more)

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Pictures taken by county agents - Charles Beer, Anoka county; Floyd Colburn, Itasca county; Paul Kunkel, Brown county; Victor Sander, Dodge county; V.J. Johnson, Houston county and Fred Wetherill, Nicollet county.

Pictures taken for Extension by newspapers, etc. - Ella Kringlund, Sherburne county; E.E. Bjuge, Sherburne county; and Wayne Hanson, Houston county.

Radio interview (men) - Victor Sander, Dodge county; G.J. Kunau, Goodhue county; Clarence Quie, Dakota county; and Richard Radway, Roseau county.

Radio interview (women) - Julia Bartlett, Houston county; and Esther Gabrielson, Watonwan county.

Straight talk, radio (men) - Joe Clifford, Martin county and Harold Rosendahl, Norman county.

Straight talk, radio (women) - Marian Parbst, Norman county.

Circular letter (men) - Charles Beer, Anoka county; J.O. Jacobson, Beltrami county; V.J. Johnson, Houston county.

Circular letter (women) - LaVerne Larson, Waseca county; Verna Mikesh, Lac qui Parle county; Minda Herseth, Meeker county; Irene Johnson, Kittson county; and Mrs. Ella Kringlund, Sherburne county.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 17, 1952

Immediate Release

HERE'S HOW TO PREVENT POTATO SPROUTING

If you want the potatoes stored in your home basement to remain sound and firm, it's time to give them some additional attention now.

Potatoes in home storage should be sorted to remove all blighted and decayed tubers, then a chemical sprout inhibitor applied to prevent sprouting, Orrin C. Turnquist, extension horticulturist at the University of Minnesota, said today. As the sound potatoes are put back into storage containers, apply the chemical sprout inhibitor by dusting a few layers at a time, he advised.

Since the temperature in most home basements is close to 60° F. or even higher, by the end of December potatoes in storage will begin to sprout. As the sprouts grow, the tubers shrivel and lose quality. Removal of the sprouts will only encourage further growth.

Table stock potatoes keep well at temperatures between 36° and 40° F., but in homes where it is impossible to lower storage temperatures to that extent, Turnquist recommends use of one of the chemical sprout inhibiting compounds.

The chemical, which is sold under various trade names in a dust form, should be applied just as buds begin to appear or before.

The sprout inhibiting compound should not be used on onions or on seed potatoes however. On onions it will cause sprouting and growth at the base of the bulb, Turnquist said.

A-9162-jbn-

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 17, 1952

Immediate Release

EIGHT BOYS WIN FARM MECHANICS AWARDS

Thomas Comstock, 18, 4-H'er from West Concord, will receive a \$25 savings bond for his accomplishments in applying his knowledge of mechanics to save labor on the home farm, Leonard Harkness, state 4-H club leader at the University of Minnesota, announced today.

Seven other 4-H boys will receive awards of tools from Republic Steel corporation, Cleveland, Ohio, for their work in the 4-H farm mechanics project. They are Leon Gothmann, St. Bonifacius; Charles Roessler, Elysian; Robert Utne, Madison; Larr Costello, Rochester; Roger Bratlien, Elizabeth; Robert Weber, Route 3, St. Paul; and William Nieters, Cook.

A 4-H member for six years, Comstock enrolled in the farm mechanics project three years ago. In that time his biggest accomplishment in farm mechanics has been the construction of a snow plow which he built in a neighbor's welding shop at a cost of \$45. He has installed a complete hydraulic system for raising and lowering the plow. He has also installed hydraulic controls for several of the farm machines, including the disc and field cultivator and grain binder. He has built over the trailer hitch on the truck to make it safer and stronger, has made a tractor pusher, tool holders, feed boxes, cold frame, automatic lawn mower adjuster and has made many other labor-saving devices for farm and home.

A-9163-jbn-

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 17, 1952

* * * * *
FOR RELEASE
AFTER 3 P.M.
THURSDAY, DECEMBER 18
* * * * *

SLIPPING BUTTERFAT DEMAND PERILS DAIRY INDUSTRY

The threat of greatly reduced returns to dairy farmers as the result of declining demand for butterfat was spotlighted this (Thursday) afternoon at the annual conference of the Minnesota Agricultural Extension Service.

Addressing a session during the last day of the conference on the St. Paul campus of the University of Minnesota, E.Fred Koller, professor of agricultural economics at the University, reported that U.S. consumption of butterfat in 1952 is 28 pounds per capita vs. 32 pounds in 1935-39.

He attributed this decline to such factors as use of vegetable oleomargarine instead of butter; appearance of products such as imitation ice cream, containing vegetable oils and selling at half to two-thirds the price of ice cream; sales of filled condensed milk and whipping cream; the rise in popularity of low-fat dairy products such as ice milks; and the greater use of fluid skim milk and dried skim milk.

Traditionally, the price of milk has been determined by its butterfat content, said Koller, and the reduced value of butterfat brought on by these trends could greatly reduce dairy returns. However, if farmers could gradually receive more for the non-fat solids in their milk, they would be able to accept a reduced price for butterfat without being forced to take greatly lower returns for whole milk, he pointed out.

Ralph Wayne, extension dairy specialist at the University, gave credit to the work of county agents for the rapid progress of Minnesota's brucellosis eradication campaign during the past year. The county agents conducted educational campaigns to reach farmers through press, radio, at meetings and by other means to bring out the facts on brucellosis.

When the farmers realized the seriousness of the disease and the importance of controlling it, they took quick action, Wayne stated. More than 100 farmers in each of the counties which have signed up for cattle blood tests in the past year have been active in calling on their neighbors to discuss brucellosis and circulate petitions, he said.

(more)

Wayne reported that cattle in 36 Minnesota counties have been blood-tested. Another 36 counties are signed up and on the waiting list for the test. Petitions are being circulated in 10 counties, and county agents in five of these counties expect petitions to be filled with the State Live Stock Sanitary Board by January 1. Only five counties remain to start circulation of petitions, he said.

Plans for continuation of the state's brucellosis eradication campaign were announced in a talk by Dr. R.L. West, secretary of the Live Stock Sanitary Board. He said that it will be impossible to blood test immediately all of the cattle in the 36 counties on the waiting list, in addition to necessary testing in counties already under the official eradication plan.

Therefore, the Board plans to confine testing to herds showing a positive reaction to the ring test, a preliminary test, and to continue testing in each county on that basis until the next tuberculin test is due in each county.

At the time the tuberculin test of all cattle in each county is conducted, a complete blood test for brucellosis of all cattle will also be conducted. It is believed, said Dr. West, that this procedure will result in certifying more counties on the first complete blood test and that it will accomplish the desired results at a greatly reduced cost.

A-9164-rr

FOR RELEASE:
AFTER 3 P.M.
THURSDAY, DECEMBER 18

EXTENSION PROGRAM MUST MEET FAMILY NEEDS

Helping to improve the diets of adolescent girls and adult women is only one of many problems which the Agricultural Extension Service must help solve if it is to meet the needs of rural families, a panel of 10 home agents and extension home economics specialists declared this (Thurs.) afternoon.

They spoke at a special session for women extension agents and specialists held as part of the annual Agricultural Extension Service conference on the St. Paul campus of the University of Minnesota.

Surveys have shown that of all family members adolescent girls have the poorest diets, while adult women rank next; hence the need for more nutrition education among these groups.

Other family needs as observed by extension agents and specialists were discussed by the panel, as well as what the Agricultural Extension Service program should do to meet those needs.

The panel urged that social aspects of clothing as it affects personality development be given consideration in the clothing study program in addition to clothing construction. The home management program should be adapted to the changing pattern of living, with emphasis on more efficient use of equipment and improving work arrangements.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 17, 1952

Immediate Release

SAFE HOLIDAY URGED

Don't let your family's happiness during Christmas holiday period be clouded by an accident on the farm or in the home, urged Glenn Prickett, extension safety specialist at the University of Minnesota, today.

Prickett urged careful driving while en route to holiday parties and family gatherings, and he cautioned against the overheated stove or furnace.

Falls are the most frequent cause of home accidents, especially among older people, he pointed out. "You can protect the grandparents and the toddlers, too, by keeping walks clear of snow and ice and using sand, ashes or salt on them if they cannot be cleared," he added.

Prickett also suggested:

Keep toys in a storage closet or cabinet when not in use--keep them off the stairs and out of passageways. When rearranging furniture to make room for the Christmas tree, keep passageways clear.

Many appliances will be added to electric circuits during the holiday season. When you buy appliances, see that they carry underwriters' labels. Check older lighting sets and appliances to see that wiring is not worn. If a fuse blows, find the cause, disconnect the appliance. Replace the fuse with a 15 ampere fuse on a household circuit. The fuse is always the safety valve of the electrical system. Distribute the electrical load on different circuits as much as possible.

Protect youngsters against toys with sharp, pointed edges, mechanical toys that can pinch or injure the child and toys that are electrically unsafe. Soft cloth, rubber, wood or plastic toys often prove safest.

See that chores are done safely. Handle and feed livestock carefully. Handle the "tame" bull with a lead staff and keep him in a safe pen. Work cautiously around cows with young calves. When feeding ensilage, climb cautiously into the silo in order to prevent a fall. Don't let high walls of frozen silage accumulate. They might cave in on you. When handling hay, beware of tumbling bales. Don't fall on a pitch fork handle or tine.

Keep small children away from livestock. When going into a barn, put out the cigarette, cigar or pipe.

A-9166-rr

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 19, 1952

SPECIAL

EDITOR--to fill in blanks in this story, see list below, which has one or more names from your county.

LOCAL AGENT ELECTED BY ASSOCIATION

_____ is the 1953 _____ of the Minnesota _____
(Agent's name and title) (office) (name of Association)

He (she) was elected at the annual meeting of the Association held in connection with the annual conference of the Minnesota Agricultural Extension Service on the St. Paul campus of the University of Minnesota last week (Dec. 15-18).

The Association meeting itself was held in a Minneapolis hotel. Nearly 200 agricultural, home and 4-H club agents--plus some 60 state extension specialists--attended the conference Monday through Friday. The agents represented every county in the state.

At the conference, the agents received information on University of Minnesota research and other subject matter data, as well as methods of doing their jobs.

County extension agents, who represent the University of Minnesota, U.S. Department of Agriculture, county governments and farm people in the county, bring to farmers and homemakers the latest information on agriculture and homemaking, and they also conduct 4-H club work.

-rr-

NEW OFFICERS:

Minnesota County 4-H Club Agents' Association--President, Robert Horton, South St. Louis county; vice pres., Florence Olson, Crookston, West Polk county; Secy., Mrs. Ella Kringlund, Elk River, Sherburne county; treasurer, Robert Gee, Moorhead, Clay county; historian, Myrna Ballinger, Slayton, Murray county.

Minnesota County Home Agents' Association--president, Virginia Vaupel, Rochester, Olmsted county (re-elected); vice president, Margaret Jacobson, Duluth, South St. Louis county; secy., Verna Mikesh, Madison, Lac qui Parle county; treasurer, Caroline Fredrickson, Mankato, Blue Earth county (re-elected).

Minnesota County Agricultural Agents' Association--President, George Gehant, Sr., Clarkfield, Yellow Medicine county; vice president, J.I. Swedberg, Redwood Falls, Redwood county; secy.-treas., Wayne Hanson, Caledonia, Houston county (re-elected).

Cooperative Extension Work in Agriculture and Home Economics, University of Minnesota, Agricultural Extension Service and U. S. Department of Agriculture Cooperating, Paul E. Miller, Director. Published in furtherance of Agricultural Extension Acts of May 8 and June 30, 1914.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 19, 1953

SPECIAL for basketball prog.

FARM AND HOME WEEK JANUARY 13/16

The 175 different topics to be discussed by speakers at Farm and Home Week on the St. Paul campus of the University of Minnesota January 13-16 will include many of interest to urban residents as well as to farm families.
farming and homemaking

Among the subjects to be dealt with at this, the largest, oldest and most popular of all short courses on the St. Paul campus will be seed control, vegetable and fruit gardening, flowers, crop pests and diseases, frozen feeds, fertilizers and soil conditioners, floor and counter surfaces, landscaping, fabrics, window treatments, clothing and fashions, interior decorating, art, electrical appliances, school lunches, feeds, and others.

Several entertainment and inspiration sessions are also scheduled, and a rural art show will be held. ~~xxxx~~

Entry blanks and additional information concerning the rural art show and a printed program containing detailed information on Farm and Home Week sessions and speakers may be obtained by writing the Office of Short Courses, St. Paul Campus, University of Minnesota, St. Paul 1, Minnesota.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 20, 1952

SPECIAL to Dodge county
papers
Immediate Release

OUTLINES for Victor Sander

Pictured are Victor Sander, left, Dodge county agricultural agent, receiving a plaque from Roy Wolf, extension specialist in information (radio) for the University of Minnesota Institute of Agriculture.

Sander was named one of the ^{top} winners in the fifth annual Minnesota Agricultural Extension Extension Service Information Contest during the annual conference of the Extension Service on the St. Paul campus of the University of Minnesota last week. He was picked as the extension agent doing the best all-round job of using radio to bring important agricultural information to farmers of his county.

Sander was also named winner in a sub-class for the best straight radio talk among agricultural agents. He received blue ribbons for his work with slides, pictures taken by county agents ^{and} radio interviews.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 30, 1952

SPECIAL to Anoka county papers

OUTLINES for Chas. Beer

Charles Beer, left, Anoka county agricultural agent, is pictured receiving a plaque from Harold Swanson, agricultural extension editor at the University of Minnesota, after being named winner of the fifth annual Minnesota Agricultural Extension Service Information Contest.

The presentation was made at the annual conference of the Minnesota Extension Service on the St. Paul campus of the University of Minnesota last week. Beer was honored because of his outstanding work in bringing important agricultural information to farmers through the co-operation of press and radio and through the use of visual aids and circular letters.

Beer also received a plaque for ^{visual aids work,} ~~his outstanding work in bringing important agricultural information to farmers through the co-operation of press and radio~~ and he won several blue ribbons for entries in other divisions of the contest. He ~~was named~~ tied for first place in a division of the contest for the best extension pictures taken by newspapers. ~~His work was named~~ Tied with him was V.J. Johnson of Houston county.

Beer received blue ribbons for the following news coverage, slides, pictures taken by county agents, circular letter.

Another Anoka county winner was Fred Koehler, 4-H club agent, who won a blue ribbon for news coverage.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 20, 1962

SPECIAL to Benson Monitor & News
Immediate Release

CAPTION FOR PHOTO

is
Shown in the accompanying photo ~~XXX~~ Wesley McCoy, Swift county agricultural agent (left), receiving a ~~plaque~~ plaque from Robert Rasmussen, extension information specialist for the University of Minnesota Institute of Agriculture.

McCoy was honored at their annual conference of the Minnesota Extension Service, held at University Farm, St. Paul, last week, for his work outstanding work in bringing important agricultural information to farmers through co-operation of the press of his county. McCoy also received two blue ribbons--one for having the best farm column ^{and} ~~and~~ ^{the state's} ~~for~~ best news coverage among agricultural agents.

The awards were made in the annual county agent's information contest. McCoy's news coverage entry consisted of ^{newspaper} ~~of~~ clippings publicizing Swift county's campaign to enlist farmers in the cause of brucellosis eradication.

News Bureau
University Farm
St. Paul 1, Minnesota
December 22, 1952

To all counties

For publication week of
December 29 and after

FILLERS for your column and other uses

Handle with Care -- Handle eggs carefully and avoid excessive jarring and vibration, suggests W.H. Dankers, extension marketing specialist at the University of Minnesota. Cracked eggs and eggs with broken air cells bring lower prices.

* * * * *

Costs Going Up -- Farm costs in 1953 will be higher, says S.B. Cleland, farm management specialist at the University of Minnesota. Supplies of fertilizer are larger, but prices are up slightly. Pesticide supplies are ample. Farm labor will continue to be limited. Building materials will remain at about the same prices. Fencing materials will be higher. Protein feeds will be up somewhat.

* * * * *

Be Careful with Drugs -- Many people now use sulfa drugs indiscriminately in treating livestock, says Dr. H.H. Hoyt, professor of veterinary medicine at the University of Minnesota. Cases of sulfanamide intoxication are getting more common. These are excellent drugs, but they must be used with care to avoid trouble, he says.

* * * * *

Protect Pigs -- To avoid pneumonia and "flu," keep pigs in a dry, well-bedded place free from drafts, suggests H.G. Zavoral, extension livestock specialist at University Farm.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 22, 1952

SPECIAL to Chippewa County

Release at will

E. F. PILGRAM TO BE NEW COUNTY AGENT

Eugene F. Pilgram, who has been employed as a veterans' on-the-farm agriculture teacher at Dawson, will succeed Stanley Thorson as agricultural agent in Chippewa county on _____.
(please fill in date)

Pilgram was born and reared on a 160-acre dairy farm near Watertown, Carver county, where he lived until entering the Army in September, 1939. He is a graduate of Watertown high school, where he helped organize the FFA chapter.

The new county agent received his bachelor of science degree from the University of Minnesota in 1949. At the University he majored in animal husbandry, with a minor in agricultural economics. He also studied agronomy and plant pathology.

On the home farm Pilgram also became familiar with the beef, sheep, hog and poultry enterprises. Before entering the University, he took an active part in management of the farm.

Following discharge from the Army in April, 1946, he spent several months working on a large dairy farm and on cash grain farms in western Minnesota. Then he managed his own farm. His experience has also included managing and training crews for picking and spraying corn for a canning company.

As a college student, he was a member of the general livestock judging team and had considerable practice in dairy cattle judging.

-rr-

NOTE TO COUNTY AGENT: We have written Mr. Pilgram for a photo and will have mats made as soon as we obtain the picture. You will note that the date for his taking over the county agent duties in Chippewa county has been omitted from this story. I have left a blank for this date, to be filled in by you when you have this information. This story is for release at whatever time you feel would be best. I am told he will take over Jan. 1 or 15. No doubt you will have the best info. on that.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 22, 1952

Immediate Release

10,000 4-H LEADERS TO GET SPECIAL TRAINING

District and county-wide institutes will again be held throughout Minnesota this year to give training to more than 10,000 4-H adult and junior leaders in the state.

Now in their tenth year, the 4-H leaders' institutes will be held this month, through January, February and part of March, according to Leonard Harkness, state 4-H club leader at the University of Minnesota.

"The 4-H Leader and the Local Club" will be the theme of the one-day meetings this year. Suggestions will be given on how to help 4-H members with their projects and how to train officers for their responsibilities. Understanding the needs of youth and the 4-H leader's part in the monthly meeting will be other topics for consideration. Recreation helps will include how to have fun in small spaces.

Principal speakers at the institutes will be Bernard Beadle, Osgood Magnuson and H.A. Pflughoeft, district 4-H club supervisors; Mrs. Gwendolyn Bacheller, Mary Anderson and Evelyn Harne, state 4-H club agents.

A-9167-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 22, 1952

SPECIAL to The Farmer

TIMELY TIPS FOR JANUARY 3

Dairy rations may be low in protein. To find out, feed some high protein concentrate such as soybean meal to the highest producing cows. If their production increases, it indicates the ration is lacking in protein. Only with balanced rations do cows utilize their feed most efficiently. -- Ralph Wayne

* * * * *

It looks as though enough farmers are getting out of the hog business to make it worth while for those who have adequate facilities and know-how to stay in. -- H.G. Zavoral.

* * * * *

If you have some particularly wet spots in the litter of your poultry house, check drinking fountains for leaks. Birds may also spill quite a bit of water from a deep drinking fountain. -- D.W. Bates.

* * * * *

Workers on commercial poultry farms who have to clean eggs find it saves time to use more clean nest litter and do less cleaning. -- H.J. Sloan.

* * * * *

Corn fodder which is in shocks in the fields has lost much of its feeding value by March 1. But hay depreciates in value only a little from December 1 to March 1. Feed the fodder early in the winter and save the hay for a later time. -- E.F. Ferrin.

* * * * *

With substitutes becoming increasingly important as competitors of dairy products, it's highly important that the quality of our true products be safeguarded. Low bacterial counts and no off-flavors in milk brought to the processing plants will contribute greatly to good quality manufactured dairy products. - J.C. Olson, Jr..

MORE

Corn cobs are a roughage feed and should be considered as such, rather than as a substitute for concentrates such as corn or barley. Cobs are deficient in protein, minerals, vitamin A and available carbohydrates, and they are low in palatability. -- A.L. Harvey.

* * * * *

Farm records show that corn is the most profitable crop in southern Minnesota. Alfalfa is second if cattle are kept. Small grains are the least profitable there. In the Red River Valley, wheat, flax, barley, oats--in that order--are the most profitable of the common farm crops.--S.A. Engene.

* * * * *

Farm woodlots bring the highest return when the owner sells products and not stumps. Stumps, or the value of the standing timber, represents only about 13 per cent of the total value of timber products. A farm woodlot owner is ahead when he harvests his timber as well as growing it. -- Marvin Smith.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 22, 1952

Immediate Release

TIPS ON MAKING CUT FLOWERS, POTTED PLANTS LAST

Potted Christmas plants and cut flowers will keep their color and freshness during the entire holiday season if given proper care.

Richard E. Widmer, floriculturist at the University of Minnesota, today gave these suggestions on caring for cut flowers:

- Change water daily or use chemical preservatives in the water.
- Keep flowers out of drafts and away from radiators.
- Keep flowers cool at night.

According to Widmer, high room temperatures and dry soil will shorten the life of potted plants such as poinsettias, cyclamen, Christmas begonias, azaleas and the Christmas cherry. The wilting which results will detract from their appearance, and, once these plants start wilting, the flowers die prematurely and the foliage falls. In the case of the Christmas cherry, the fruits will also drop.

The University floriculturist gave these rules to follow in caring for potted plants:

- Supply plenty of lukewarm water, but do not keep the pot standing in water.
- Keep the plant in bright light.
- Lower the night temperature to prolong the life of the plant. Minimum night temperature for poinsettias and the Christmas cactus should be 60°F., for other flowering plants 50°F.
- Avoid sudden temperature changes and drafts.

A-9168-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 22, 1952

Immediate Release

MINNESOTA FARM CALENDAR

- *December 28-30--State Rural Youth Conference and Short Course, St. Paul Hotel and University Farm, St. Paul.
- *January 5-31--Fundamentals of Dairy Manufacturing Short Course, University Farm, St. Paul.
- January 7-8--Annual conference, Minnesota Soil Conservation District Supervisors, St. Cloud.
- *January 13-16--Farm and Home ~~Week~~ and Rural Art Show, University Farm, St. Paul.
- *January 14--Dedication of new library building, 8 p.m., University Farm, St. Paul.
- *January 19-24--Weed and Seed Inspectors' Short Course, University Farm, St. Paul.
- January 29--Annual meeting, Minnesota Vegetable Growers' Association, University Farm, St. Paul.
- *February 2-7--Manufacture of Dry Milk Short Course, University Farm, St. Paul.
- *February 2-28--Lumbermen's Short Course, University Farm, St. Paul.
- *February 3-4--Canners' and Fieldmen's Short Course, University Farm, St. Paul.
- February 4--Lamb Feeders' Day, West Central School and Experiment Station, Morris.
- February 5--S.W. Minnesota Field Crops Institute, Lakefield.

* * * * *

- *Additional information from Office of Short Courses, University Farm, St. Paul.
- *Additional information from county agent.

A-9169-rr

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 22, 1952

Immediate Release

MOTORISTS GET "SAFE HOLIDAY" GREETING

The University of Minnesota Agricultural Extension Service today wished Minnesota motorists a safe and happy holiday season and new year.

Speaking for the extension service was Glenn Prickett, extension farm safety specialist.

"All drivers can help during this holiday season," said Prickett, "by operating their cars so that they are not involved in an accident. Drive for a safe and happy holiday season!" he urged.

Prickett quoted Minnesota Highway Department figures showing that during the Christmas holiday in 1951 there were 1,294 auto accidents in the state, with 339 persons injured and 8 killed. In 1950, the figures were 945 accidents, 394 injuries and 14 deaths. In 1949, 271 persons were injured and 16 killed in 665 accidents.

"The toll in 1952 will depend on you," said Prickett to motorists. "Accident can be prevented if each driver will act cautiously and 'defensively'."

He urged drivers to:

Have the car in good condition, brakes equalized, lights all working, tires in good shape, frost shields where needed and motor tuned to start and run well.

Drive at reasonable speeds. The basic speed law in Minnesota is to drive at a rate so that the car is under control at all times, even on icy roads.

Don't drive when drinking. Alcohol and gasoline don't mix.

Abide by the three "C's" of safe driving--Caution, Courtesy, Control.

A-9170-rr-

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 22, 1952

Immediate Release

MISTLETOE CAN BE A VILLAIN

A symbol of romance at Christmastime to most people, mistletoe--the kind that grows in Minnesota--is a villain, as far as foresters and plant pathologists are concerned.

The true mistletoe is a leafy plant which grows on broadleafed trees in the southern states. It is commonly used as a Christmas decoration.

However, the only mistletoe found in Minnesota is a dwarf species that grows on black spruce in swamps. This species causes "witches' brooms," a serious disease of these trees, according to Ralph L. Anderson, USDA and University of Minnesota plant pathologist on the St. Paul campus. The dwarf species is not used for decoration.

Flowers and berries of the dwarf mistletoe are borne on shoots about half an inch long which grow out of the bark of the twigs on infected parts of the tree.

When the mistletoe invades a swamp in Minnesota, practically all of the spruce trees are eventually killed and replaced by younger trees, which in turn suffer the same fate.

As a result, in an area heavily infested with mistletoe, very few trees grow large enough or free enough of deformities to produce good pulp wood.

The mistletoe is spread from tree to tree by the shooting of the seeds from its berries. If a seed lands on a twig, it may stick there and germinate, producing a rootlike system in the bark and wood of the tree. Shoots develop from this root system.

Soon, dense, shrublike masses of distorted branches are formed which are called witches' brooms. As the infected parts grow, the remainder of the tree gradually dies. The growth energies of the tree seem to be diverted into the infected parts, and the remainder of the tree declines in vigor and growth, according to Anderson.

A-9171-rr&jbn-

News Bureau
University Farm
St. Paul 1, Minnesota
December 22, 1952

To all counties

For publication week of
December 29 and after

ORDER CHICKS NOW
FOR EARLY DELIVERY

Now is a good time to order chicks to insure delivery at least by March 15th.

County Agent _____ reminds poultrymen that this will enable them to market more eggs during high price months.

Besides producing more eggs, good breeding counts in producing eggs with good market quality, according to Cora Cooke, extension poultry specialist at the University of Minnesota.

Select chicks from stock bred for early maturity so they will lay good size eggs early in the season. Eggs averaging two ounces are best for size. Remember that oversize is just as undesirable as undersize, says Miss Cooke.

Eggs with uniform color and shape and with strong shells aren't the only requirements for quality. The amount of thick white and blood spots are also inherited, so the selection of chicks with good breeding is especially important. Breeders are making some progress in attaining this objective.

Breeding improvement is a slow process, so don't expect perfection in the near future, says Miss Cooke.

In selecting chicks it is well to note that hatcheries operating under the National Poultry Improvement Plan have minimum standards for egg quality, Miss Cooke points out.

The county agent suggests that _____ county poultry producers obtain a copy of Extension Folder 80, "More Money for Eggs" from his office or the Bulletin Room, University Farm, St. Paul 1, Minnesota

-rjp-

News Bureau
University Farm
St. Paul 1, Minnesota
December 22, 1952

To all counties

ATT: HOME AGENTS

AVERAGE PERSON
TO EAT MORE
IN 1953

How well will _____ county people and others throughout the country eat in 1953?

The average American may expect to eat more beef and veal, chicken, frozen vegetables and frozen fruits and fruit juices, fresh vegetables and sweet potatoes, according to forecasts of production and supply by the Bureau of Agricultural Economics, U. S. Department of Agriculture, Home Agent _____ reports. The average person may have less pork, eggs, turkey and butter, however.

Consumers probably will pay on the average a little more for turkey, eggs, butter, bread and some other cereal products, as well as for dry beans and canned vegetables. Prices of beef and veal, however, particularly the lower grades, are likely to average lower than in 1952. Prices of lamb and mutton also may be lower, as may chicken, fish, frozen fruit juices and fresh vegetables. Prices of most other foods probably will run about the same as this year.

Slightly higher food production is anticipated for 1953 than in 1952. Normal weather should produce better crops of fruits and vegetables. More meat is expected next year as more cattle go to market after a four-year build-up of herds. Larger supplies of beef and veal probably will more than offset somewhat smaller supplies of pork. Continued plentiful supplies of cereal products as well as most other foods are expected.

Imports of food will probably be about the same as in 1952, amounting to only about 5 per cent of total food supplies. Chief imports will be bananas, pineapple and sugar, as usual.

-jbn-

News Bureau
University Farm
St. Paul 1, Minnesota
December 22, 1952

To all counties

ATT: 4-H AGENTS
Use if appropriate

SPECIAL SESSIONS
ON 4-H DURING
FARM-HOME WEEK

Inspiration and practical helps for 4-H adult and junior leaders have been included in the University of Minnesota's Farm and Home Week program January 13-16, according to 4-H Club Agent _____. Farm and Home Week will again be held on the St. Paul campus of the University.

Two special sessions have been planned, for Wednesday afternoon, January 14, and for Thursday after noon, January 15. Topics to be discussed include "Human Relations and the Local Leader," "Looking Ahead to 1953," "A Challenge to Teen Age Club Members," and "Planning the Club Program." Norma Gustafson, who was Minnesota's International Farm Youth Exchange delegate this past summer, will discuss her experiences in Denmark.

(If you or someone else is making arrangements for leaders who expect to go, add such details here.)

Leaders who are interested in obtaining rooms near the St. Paul campus for Farm and Home Week may write the Housing Chairman, Office of Agricultural Short Courses, University Farm, St. Paul 1, Minnesota.

-jbn-

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 23, 1952

SPECIAL
For publication week of
December 29

ART SHOW, LIBRARY DEDICATION SLATED

The new, modern library on the St. Paul campus of the University of Minnesota will be the scene of two important events during the week of January 12.

A rural art show will be held in the library January 13 - 16, which is Farm and Home Week on the St. Paul campus, and dedication ceremonies will be held for the new structure on the evening of January 14.

Exhibits in the show will be original work of all types of painting, sculpture and wood carving. Anyone living in Minnesota towns or rural areas may enter. There will be no limit on the number of entries from one artist. The best and most interesting work will be selected for exhibit, and artists will receive a certificate of exhibition. Entries are due on or before January 9.

Aaron Bohrod, artist-in-residence at the University of Wisconsin and internationally known painter of the midwest rural scene, and Mrs. Ruth Stolle, widely known in Wisconsin for her work with Bohrod and with rural artists, will be on the campus during the show to discuss artists' problems.

Principal speaker at the dedication program, to be held in Coffey Hall at 8 p.m. January 14, will be John A. Hannah, president of Michigan State College. Others on the program will be J.L. Morrill, president of the University of Minnesota; Dr. Harold Macy, who becomes dean of the University's Institute of Agriculture on January 1; and Dr. W. C. Coffey, president emeritus of the University. Several prominent University alumni will receive outstanding Achievement awards during the program.

Open house will be held in the new library building following the dedication program.

The new 140 - by 60 - foot library, completed in the summer of 1952, has a capacity of 140,000 volumes and seats 500 students. It has five levels. A sub-basement is used for mechanical equipment. The ground floor contains a reading room, book storage stacks, staff room, wash rooms and a receiving room. On the next, or "first" floor are a reading room and administrative offices. The second floor is given over to interrelated reading and book stack space. The partial third floor or "penthouse" is used for mechanical equipment and a large seminar-conference room.

Additional information concerning the rural art show, library dedication and Farm and Home Week activities may be obtained from the Office of Short Courses, University Farm, St. Paul 1, Minnesota

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 30, 1952

Immediate Release

BENTON COUNTY GIRL GETS \$100 SCHOLARSHIP

Jean DeMarais, 18, Foley, will receive a \$100 scholarship for her long-time, outstanding record in the 4-H bread project, the state 4-H club office at the University of Minnesota announced today.

The scholarship is awarded by King Midas Flour Mills, Minneapolis.

Jean has been in club work for six years and in that time has completed 31 projects. She has carried the bread project for four years. This past year she has baked 468 loaves of bread, 231 dozen rolls and 54 dozen quick breads. For the past four years she has won prizes on her bread at the county fair.

The Benton county girl is secretary of the county 4-H federation this year. She has served as president, secretary and treasurer of the Benton Busy Bees, her local club. This past summer she was one of the 27 club members in the state who went to Mississippi in the interstate 4-H exchange program.

A-9175-jbn

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 24, 1952

SPECIAL

Immediate release

REDWOOD COUNTY BECOMES 56th SOIL CONSERVATION DISTRICT

Approval, by the State Soil Conservation Committee, of Redwood county as Minnesota's 56th soil conservation district was announced today by H. A. Thorfinnson, secretary of the committee.

Thorfinnson, who is also extension soil conservation specialist at the University of Minnesota, explained that the district includes all of Redwood county except five townships in the eastern end. Creation of the district was approved by farmers in a recent referendum by a vote of 243 to 32.

The state committee also appointed two supervisors for the new district. They are Walter Knutson of Swede Forest, for the term ending in March, 1954, and William Behrends, Lambertson, for the term ending in March, 1953.

Three more supervisors will be elected in the Redwood county district on February 6. Voting, from 8 to 10 p.m., will be held at the same places as for the referendum.

The State Soil Conservation Committee has also given formal approval to the recent election of supervisors for the Pipestone county soil conservation district. The supervisors are Paul Kollmann, Pipestone, for the term ending March, 1957; Paul Cunningham, Pipestone, for the term ending March, 1956; and Wayne Napke, Holland, for the term ending March 1955. Previously appointed Pipestone county district supervisors by the state committee were Orlo Gilbertson, Ruthton, for the term ending in 1952, and Chris E. Pedersen, Pipestone, the term ending in 1954.

Thorfinnson also announced that the state committee had approved the addition of Ostad township in Folk county to the East Polk district and the addition of Freeland, Providence, Garfield and Hamlin townships in Lac qui Parle county to the Lac qui Parle soil conservation district.

Acting on a petition from farmers, the committee scheduled a referendum for January 14 on the question of adding Lac qui Parle, Cerre Corde and Hanthe townships in Lac qui Parle county to the Lac qui Parle district. The referendum will be held between 7 and 9 p.m. in the Lac qui Parle town hall and the District 31 and District 33 school houses.

News Bureau
University Farm
St. Paul 1, Minnesota
December 29, 1952

To all counties
ATT: HOME AGENTS
For publication week
of January 5

ORANGES, PORK,
LARD PLENTIFUL

January's food basket will be loaded with citrus fruits, pork and lard, reports Home Agent _____.

Hog producers and citrus growers will both have bumper supplies for market in the first month of the new year.

According to the U. S. Department of Agriculture, 312 million pounds of pork were on hand in cold storage the first of December, along with 78 million pounds of lard. Prices of lard are much lower than a year ago. The market has suffered because foreign demand for our lard slumped this year.

The citrus outlook for January includes heavy marketings from orange and tangerine crops that are larger than a year ago. January ordinarily is the last heavy month of tangerine marketings. Orange supplies will also be large, but the grapefruit crop is smaller.

Plentiful supplies of eggs at lower prices is another plentiful food prospect. The Department of Agriculture expects supplies to be about the same as a year ago. Farm flocks are a little smaller, but hens have increased their per capita output.

Turkey and fish will be good protein buys in January. Turkeys from the record big crop will continue plentiful, particularly the large ones. According to the Department, storage stocks the first of December were the largest ever recorded. Frozen fish supplies in storage are much greater than a year ago.

Other foods which will continue to be abundant during the month are raisins, domestic dried figs, almonds, filberts, walnuts, honey, nonfat dry milk solids, vegetable shortening, table fat and salad oils.

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News Bureau
University Farm
St. Paul 1 Minnesota
December 29, 1952

To all counties

For publication week of
January 5 or after

FILLERS for your column and other uses

"Gold Mine" in St. Paul -- There's a "gold mine" of information for farmers and homemakers to be tapped at Farm and Home Week, January 13-16 at University Farm. The county agent will be having printed programs for your inspection. If you are driving and have room for extra passengers, or if you wish a ride, see the county agent. The Office of Short Courses at University Farm, St. Paul, announces that it will assist in arranging lodging for Farm and Home Week visitors insofar as it is able. Those wishing this help should state when and how long they plan to attend and the number of people for whom accommodations are desired.

* * * * *

"Feast or Famine" -- It usually happens that trends to increase or decrease hog numbers are over-done, observes E.F. Ferrin, animal husbandry chief at the University of Minnesota. "Recent surveys indicate a 15 per cent smaller pig crop for the U. S. in the spring of 1953 than a year earlier. The large 1952 crop of feed grains would indicate the advisability of raising a pig crop larger than is now in prospect," according to Ferrin.

* * * * *

Lower Exports? The outlook for 1953 is that agricultural exports will be lower, states S.B. Cleland, extension economist at the University of Minnesota. Foreign supplies of wheat, cotton and some other products are higher, and prices of some competitive products are lower. Limitation of dollar exchange and lack of sufficient imports are other factors limiting exports, he points out.

* * * * *

Figs Need Water -- Figs need about one gallon of water for every 100 pounds of live weight per day. They will not drink this much if the water is near the freezing point, warns H.G. Zavoral, extension animal husbandman at University Farm.

* * * * *

For the Farm Shop -- One of the best ways to build up a suitable farm shop is to clean and repair the tools you have and then expand by getting a few good pieces at a time as you find need for them and can justify the expense, according to C. H. Christopherson, professor of agricultural engineering at the University of Minnesota. In general, buy good or top quality rather than cheap or low capacity tools, he suggests.

Extension Bureau
University Farm
St. Paul 1 Minnesota
December 29, 1952

To all counties

For publication week of
January 4 or after

BE ACCIDENT
FREE IN '53

"Accident-free in Fifty-three!"

That is the new year's resolution suggested to _____ county farm families
by Agricultural Agent _____.

The county agent joined with Glenn Prickett, extension farm safety specialist
at the University of Minnesota, in pointing out that the achievement of that goal
will protect family happiness through the year by saving lives, limbs and property
and preventing untold suffering.

Steps suggested to help in carrying out the slogan:

1. Teach all members of the family that accidents are no respecters of persons.
They can happen to anyone.
2. Recognize accident and fire dangers. Remove them by making farm and home
inspections regularly, before mishaps occur.
3. Drive the car, truck or tractor at speeds so that they are always under
control.
4. Keep extra riders off tractors and small children away from all farm
machines.
5. Keep protective shields on power shafts and other dangerous parts of
machines.
6. Stop machines before servicing, adjusting or unclogging.
7. Use caution with livestock. Use protective devices in handling them, and
keep small children away from livestock yards.
8. Finally, take time to work, play and live safely. "Be accident-free in
fifty-three!"

News Bureau
University Farm
St. Paul 1 Minnesota
December 29, 1952

To all counties

For publication week of
January 5 and after

SUGGESTIONS MADE
FOR BUYING TILE

Agricultural Agent _____ submitted suggestions this week (today) for _____
County farmers who are or will be in the market for concrete drain tile.

He said that if they follow these suggestions, they will be reasonably assured of a high quality product.

The tips, which originated with D.G. Miller of the University of Minnesota department of agricultural engineering, are:

1. Buy from companies which are known to make high quality products.
2. Examine the tile closely and look for the important water marks on the surface. In making concrete tile of the smaller sizes, there is a tendency not to use enough mixing water. If this has been the case, the tile surface will be smooth. These surfaces should have a stippled appearance caused by the wet concrete sticking slightly to the jacket when it is removed.
3. High quality concrete tile cannot be made from fine sand. The broken edge of a tile should reveal many coarse particles approaching the size of one-eighth to one-fourth inch.
4. Install no concrete within 30 days of its manufacture. So-called "green tile" are much more likely to disintegrate in the presence of soil alkalis or soil acids than well-cured tile.
5. High-quality, well-cured concrete tile should give a clear ring when held in the hand and struck sharply with a piece of steel. Do not install any tile which does not respond properly to this test.

6. If you have a question about your soil conditions, ask the county agent.

The only way to determine the exact quality of drain tile is to select representative samples to test for strength and absorption. The results can then be compared with accepted standards according to Professor Miller.

The concrete in a finished pipe of high quality drain tile should have 28-day compressive strengths of 3000-3500 pounds per square inch. For drain tile of the smaller diameters, this means breaking strengths of 1200-1600 pounds per foot of length and average absorptions of 8-10 per cent after boiling for five hours following oven drying. For information about testing, see the county agent.

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NOTE TO COUNTY AGENT: Upon request, the Department of Agricultural Engineering, University Farm, St. Paul, will make a limited number of tile tests free of charge if the farmer submits five tile of the size to be tested, all transportation charges prepaid.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 30, 1952

Immediate Release

DR. C.H. BAILEY RETIRES AS AG. DEAN

After devoting more than 40 years to the University of Minnesota and Minnesota agriculture, C.H. Bailey, Dean of the Institute of Agriculture, retired today (Dec. 31).

As previously announced Dr. Harold Macy succeeds Bailey as Dean.

In a special recognition yesterday (Tues., Dec. 30), fellow staff members honored Bailey, presenting him with a television set and three bound books of letters. Nearly 600 letters from friends and associates in all parts of the world were included in the book.

Bailey's first connection with the University came over 52 years ago when, as a youngster of 13, he entered the University's School of Agriculture. Later he earned his B.S. degree from North Dakota Agricultural College, his M.S. from the University of Minnesota, and his Ph.D. from the University of Maryland.

Bailey joined the University staff in 1911 as an assistant chemist. Through the years he was advanced through the ranks to become the head of the University's largest unit, the Institute of Agriculture.

During those years, he earned a reputation as one of the world's foremost cereal chemists. He was instrumental in the development of enriched bread, and invented several devices now widely used in the field of science.

Recognition of his contributions came in many ways. He was listed recently as one of the "Ten Ablest Agricultural and Food Chemists in the U.S." and "One Hundred Living Great of Minnesota."

The new Dean, Harold Macy, is a well known dairy bacteriologist and research administrator. A native of New York, he joined the University staff in 1919. As a dairy bacteriologist, he worked closely with the dairy industry in the state. In 1946 he was given the responsibility of directing the work of the Agricultural Experiment Station.

He served with the armed forces in Europe during World War II. For his work transferring medical supplies and sanitation facilities to the Continent immediately after D-day and other work, he received the two highest awards of the French government. These were the Chevalier of the Legion of Honor and the Order of Public Health.

A-9172-hbs

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 30, 1952

Immediate Release

HARKNESS ANNOUNCES STATE 4-H RADIO SPEAKING CONTEST

Theme of the 11th annual statewide 4-H radio public speaking contest this year will be "What Responsible Citizenship Means to Me," Leonard Harkness, state 4-H club leader at the University of Minnesota, announced today.

Each year the contest gives an opportunity to 4-H club members between the ages of 14 and 21 to speak on some phase of citizenship. Contestants prepare original talks of from five to seven minutes.

County contests, arranged and directed by local 4-H leaders and county extension agents, must be completed by February 14. County champions will then be eligible to compete in district contests, to be held in the form of radio broadcasts between February 16 and March 5.

Each district winner will be awarded a transportation-paid trip to the Twin Cities to compete in the state contest to be held March 7 on the St. Paul campus of the University of Minnesota. Talks of the state champion and reserve champion will be broadcast.

Cooperating with the University of Minnesota Agricultural Extension Service in sponsoring the contest is the Minnesota Jewish Council. The council is giving more than \$2000 in awards to county, district and state winners as well as providing for transportation, hotel accommodations and a banquet for state winners.

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 30, 1952

Immediate Release

TEXAN WILL ADDRESS CONSERVATION SUPERVISORS

ST. CLOUD, Minn.--Waters Davis of League City, Texas, president of the National Association of Soil Conservation Districts, will address Minnesota soil conservation district supervisors at their annual conference in St. Cloud January 7-8.

He will speak at a banquet the first day of the conference. More than 200 persons are expected to attend the gathering, which is sponsored by the Minnesota Association of Soil Conservation Districts, the State Soil Conservation Committee and the Minnesota Daughters of the Soil.

Farmers and others interested in conservation are invited to attend, said M.A. Thorfinnson, University Farm, St. Paul, secretary of the State Soil Conservation Committee. Sessions will be held in the St. Cloud hotel.

Also on the banquet program will be George L. Peterson of the editorial staff of the Minneapolis Star, who will present awards to outstanding soil conservation districts.

Luncheon speaker the first day will be Bishop Peter W. Bartholeme, St. Cloud. Luncheon speaker the second day will be Dr. Harold Macy, who will become dean of the University of Minnesota Institute of Agriculture January 1.

The first day's program will also include addresses by Alfred Wiger, Ulen, president of the Minnesota Association of Soil Conservation Districts, and Alf Larson, Hayfield, secretary of the state association.

Also on the program the first day will be a panel discussion on how to get more conservation on the land. Moderator will be William Benitt, Hastings, chairman of the State Soil Conservation Committee. Panel members will be Arthur Olin, Millville, Harry Burau, Fergus Falls, L.O. Jacob, Anoka, and Joseph Kunkel, St. Cloud, all soil conservation district supervisors; Morrie Bolline, Stillwater, area conservationist; E.C. Lenzmeier, county agent at St. Cloud; G.J. Kunau, county agent at Red Wing; and Ralph Johnson, Cambridge, Isanti county PMA chairman.

A separate program for the Daughters of the Soil, an organization made up largely of soil conservation district supervisors' wives, will include an illustrated travelogue by Paul Jacobson, zone technician, Soil Conservation Service, Milwaukee, and an illustrated talk on Iceland by Skuli Rutford, assistant director of the Minnesota Agricultural Extension Service. Rutford returned November 1 from three months in Iceland, where he was sent by MSA to appraise the agricultural extension program.

A-9174--rr

University Farm News
University of Minnesota
St. Paul 1, Minnesota
December 30, 1952

Immediate Release

ART SHOW, LIBRARY DEDICATION SLATED

The University of Minnesota's modern, new St. Paul campus library will be a center of attention during the period of January 13 through 16.

A rural art show will be held in the library on those dates, in connection with the University's 51st annual Farm and Home Week, and dedication ceremonies are scheduled for the new structure on the evening of January 14.

Exhibits in the art show will be original work of all types of painting, sculpture and wood carving. Anyone living in Minnesota towns or rural areas may enter. There will be no limit on the number of entries from one artist. The best and most interesting work will be selected for exhibit, and artists whose work is displayed will receive a certificate of exhibition. Entries are due on or before January 9.

Laron Bohrod, artist-in-residence at the University of Wisconsin and internationally known painter of the midwest rural scene, and Mrs. Ruth Stolle, artist and teacher at Tripoli, Wisconsin, who is ^{widely} known in Wisconsin for her work with rural artists, will be on the campus during the show to discuss artists' problems.

The dedication program will be held January 14 at 8 p.m. in Coffey hall auditorium on the St. Paul campus, followed by open house in the library. Speaker at the program will be John A. Hannah, president of Michigan State College. Others on the program will be Dr. J. L. Morrill, president of the University of Minnesota; Dr. Harold Macy, who becomes dean of the University's Institute of Agriculture January 1, and Dr. W. C. Coffey, president emeritus of the University. Several prominent University alumni will receive outstanding achievement awards during the program.

The new 140- by 60-foot library, completed this fall, has a capacity of 140,000 volumes and seats 500 students. The structure is built on five levels. A sub-basement houses mechanical equipment. The ground floor contains a reading room, book storage facilities, staff and receiving rooms. On the next, or "first" floor are a reading room and administrative offices. The second floor is devoted to reading facilities and book storage space. The partial third floor or "penthouse" is used for mechanical equipment and a conference room.

Harald Ostvold is the St. Paul campus librarian.

A-9176-rr-