

MINNESOTA EXTENSION SERVICE NEWS

Published Monthly by the University of Minnesota, Department of Agriculture, Extension Division

Vol. V

UNIVERSITY FARM, ST. PAUL, MINN., OCTOBER, 1925

No. 1

'Weed, Breed, Feed' Truths Demonstrated

The "Weed, Breed and Feed" exhibit at the recent fair was studied daily by hundreds of dairymen and persons interested in milk production. Three cows were kept in stalls by the division of dairy husbandry of the university to show what can be done by better feeding.

The cows were originally on a Minnesota farm and the owner kept careful records of their feed costs and the amount of butterfat sold. He had to buy most of the grain fed them. The best the cows could do for him was 192 pounds of fat a year.

Two years ago the dairy division bought the cows and has been feeding them grains and legumes which can be raised entirely at home. On this improved ration the cows have produced 267 pounds of fat a year. It cost \$17.66 more to feed each cow, but for that extra money each returned \$35 additional income. The farm grown rations which made this gain possible were exhibited.

Cows were also exhibited which were suffering from stiffness of joints and poor condition resulting from a lack of minerals in their feed. Alongside of them were cows which had been relieved of the trouble and are now in good condition as the result of adding mineral supplements to their ration. The minerals used were on exhibition.

Another part of the exhibit brought out forcibly what members of cow test associations in Minnesota have done to increase the output of their herds. It was shown that 1,463 association herds, or about 25,000 cows, produced last year 109 pounds of fat per cow more than the average of the state. Nearly 500 association herds averaged more than double the production of the average herd of the state. For a small additional expense for feed, therefore, the cow test association members obtained about \$45 more income from each cow in their herds during the year.

The enormous and needless waste caused by excess freight charges in the transportation of fowl seed in grain, unnecessary costs of binding and threshing, and the further cost of handling such grain at elevators was particularly well shown in the display devoted to weeds. Colored panels with figures in bas-relief illustrated even to the casual observer the 38-car trainload of dockage which is said to arrive at Minnesota terminal elevators every three days. It was shown that a train 950 miles in length would be required to haul all the dockage which has been brought to Minnesota markets in the last 25 years.

Dockage and smut which, in terms of wheat values at present prices, ranged all the way from \$65 to \$295 a car, were shown in samples of wheat taken directly

from cars received at terminal markets.

Samples of seed pests as they appear in fields were so exhibited that farmers could learn to identify them. Among the varieties were corn cockle, wild rose, smartweed, wild vetch or peas, morning glory, wild oats, Canada thistle, Russian thistle, quackgrass, sow thistle, kinghead, mustard, and lambs-quarters. These are the varieties which cause northwest farmers the most loss.

AITKIN LEADS HOME PROJECT ENROLLMENT

Aitkin county, through the splendid organization work of County Agent A. W. Jacob, now has the highest enrollment in home project work in the state. Aitkin county, which has an enrollment of 624 in the clothing project, exceeds Houston county, which had the highest enrollment last year, by 24.

Last year only the minimum number of groups were enrolled in the clothing project in Aitkin county, but the women became so enthusiastic that practically every section of the county wished to start the project. The women who took the work last year are continuing the second project at Aitkin, the training center, while the new groups are taking the work of the first project at the training centers of Hill City and McGregor.

Thirty-two leaders representing sixteen groups meet at the training center, McGregor, each time. Many of the leaders drive 30 miles or more in order to attend the training school.

Yearbook for 1924 Out

County agents and others interested are advised that the Yearbook for 1924 has recently been issued. Every member of congress has an allotment. If agents will write one of the senators or their district representative in congress they will probably be able to obtain copies.

DIRECTORS' MEETINGS POPULAR IN WATONWAN; THERE'S A GOOD REASON

Meetings of farm bureau directors in Watonwan county are looking up. In August the plan was tried of inviting the women and children for a social evening in an adjacent room while directors were dispatching the month's business before them. Later, members of both groups sat down to a lunch prepared by the women and were so well pleased that all hands voted unanimously to make the plan a regular thing hereafter. It was up to the men to serve a watermelon feed for the September meeting.

Minnesota Triumphs Again at Sioux City

For the third consecutive year a Minnesota 4-H club team has put on the grand champion demonstration at the Interstate Fair at Sioux City. Minnesota has now been returned victor in four of the eight years in which the contests have been held at the Interstate.

Ralph Shane and Wilbert Sindt, both of Pipestone, were given first honors over 22 teams representing 12 states. Each won a gold watch.

Kansas had the best home economics team. The Minnesota team, composed of Margaret Roberts and Marie McPhee of Anoka, was given fifth place.

In judging, the Minnesota team, composed of Dell Wilson of Guthrie, Leo Fenske of Bemidji and Edward Voosen of Fairmont, placed third in the grain division and sixth in livestock. Nebraska was first in grain judging and Kansas first in livestock judging.

Iowa won the clothing judging contest. Ohio was second with a score of 901, with Minnesota only five points behind, or 896.

Nebraska placed first and Minnesota second in potato exhibits. In the canned goods exhibit awards Minnesota had a first, second and third to its credit.

Minnesota leaders report a larger and better balanced fair this year than ever before. The weather was ideal and the attendance good. A new feature was a training course for leaders, and club members. R. A. Turner of Washington, D. C., was in charge and George E. Farrell took part in the discussions.

EGG SPREAD NARROWS, THANKS TO GRADING

Figures collected in August at various points in Winona county showed a spread of only a few cents between local prices for eggs and Chicago prices. In one instance, the local price surpassed the other. The narrow spread is attributed to improved quality resulting from grading, thus making it possible for storekeepers to get more for their eggs. Another reason may be the tendency of independent buyers to pay higher prices in order to get the business.

Oats Appreciate "CC" Treatment

Agent A. W. True of Lincoln county believes that hullless oats should receive the copper carbonate treatment for the prevention of smut. Splendid results were obtained from this treatment, he says, while oats not treated were smutted from 25 to 50 per cent.



MINNESOTA EXTENSION SERVICE NEWS

Published monthly at University Farm, St. Paul, Minn., by the Agricultural Extension Service of the University of Minnesota and the United States Department of Agriculture, co-operating in the interest of extension work in agriculture and home economics.

WALTER C. COFFEY
Dean of the Department of Agriculture and
Director of Experiment Station

FRANK W. PECK
Director of Agricultural Extension

W. P. KIRKWOOD E. C. TORREY
Editors

Entered as second-class matter October 4, 1921, at the postoffice at St. Paul, Minnesota, under the Act of August 24, 1912.
Accepted for mailing at special rate of postage provided for in section 1103, Act of October 3, 1917, authorized October 21, 1921.

OCTOBER, 1925

STARTING THE FIFTH YEAR

This issue marks the start of the fifth year of life for the Extension Service News as a house organ for the various workers in extension activities.

In some forms of life four years marks maturity. In other forms it might be considered old age. In many others, however, it would be considered very young and immature and needful of special attention and care as it receives its growth.

From the standpoint of permanence we like to think of the News as being young, but growing healthily and naturally and beginning to leave its impress on those it attempts to serve. Like any other phase of permanent service it has its problems of maintaining a high standard at all times and of giving its readers the kind of information that is most useful for the progress of field activities.

We bespeak the co-operation of the agents and others interested in this paper and desire that suggestions for its improvement be freely and frankly offered. More than that, we ask that material of interest and value to the entire staff be submitted by the various field workers who are in close touch with items of not only local but state-wide value.

TOOK TWO DAYS FOR THIS BOOSTER TOUR

A trip through the largest open pit mine in the world, programs of water and land sports, inspection of alfalfa fields and of fruits at a university trial station, baseball and luncheon parties were the striking features of a two-day booster tour taken by the extension organization of northern St. Louis county. Thirty-five cars were in the take-off at Virginia. Mountain Iron, Wolf, Hibbing, Sturgeon Lake, Bear River, Meadow Brook and Linden Grove were among points visited for recreation and study. The Biwabik municipal band made the rounds and furnished good music.

Demonstration Plots Make Hit

Results from phosphate demonstration plots have created more interest than anything else, says Agent L. E. Hudson, of Watonwan. "We expect to expand them to the limit next season," he says.

PARKER ANDERSON NEW EXTENSION FORESTER

Parker Anderson, a graduate of the School of Forestry, University of Minnesota, has been appointed extension specialist in forestry with headquarters at University Farm. Soon after returning from France, where he served with the forest engineers, Mr. Anderson entered the state forestry service, first as a ranger, then as a supervisor, later



as silviculturist, and still later as assistant forester in charge of forest management.

Four agencies are co-operating in this new service—the agricultural extension service of the university, the state department of forestry, the division of forestry in the agricultural college and the United States Department of Agriculture. The purpose is to assist owners of farms in establishing and maintaining woodlands, shelterbelts, windbreaks and other valuable forest growth, in growing and renewing useful timber crops, and in marketing and utilizing such crops.

Demonstrations illustrating better forest practices will be established in conjunction with the county extension organization. These will be supplemented by field meetings, exhibits, personal conferences, publications, etc.

MORE EGGS FOLLOW THE FEEDING OF MASH

Members of the Mower county poultry project are finding that there is a definite relation between the feeding of mash and egg production. At every meeting held in the project, which will be completed this month, egg records have shown that flocks receiving mash produced close to 50 per cent during August, while in flocks not fed mash the production fell as low as 15 per cent. Cost of feeds was about the same for flocks fed mash as those receiving only whole grains and the returns from eggs was, of course, much greater. Acting on the information received by this comparison of profits, the members are making many improvements in their rations. Reports from five groups at their second series of meetings showed that 21 members had already begun using mash. Further improvements will be made as winter feeding begins, but the improvement already made indicates a real desire to utilize the help made available by the local leader training work in poultry, organized and supervised by Miss Mary Laycock, the Mower county home agent, and conducted by Miss Cora Cooke of the agricultural extension service, University Farm.

Kittleson and Pflughoeft Swap

A. J. Kittleson and H. A. Pflughoeft, assistant state club leaders, swapped locations October 1, and the former now has headquarters at University Farm, his old stamping ground, while the latter is at the northwest station at Crookston.

JUNIORS WIN ADDED HONORS AT THE FAIR

Space is lacking to recite the achievements of club boys and girls at the Minnesota State Fair. Governor Theodore Christianson said that farm club work attracted more attention there than anything else.

Every county had its club representation. Lawrence and Herbert Hanson, 10 and 13 respectively, came the longest distance, from Graceton, Lake of the Woods county, 500 miles away.

Four hundred fifty boys and 435 girls camped at University Farm. All the dormitories and rooms over the dining hall and in the hospital were needed for the juniors. Nearly 200 more were housed in the farm boys' camp on the fair grounds.

Myrtle Himrum of Lake Park, Becker county, won the grand championship of the dairy calf show of 204 entries, which was an increase of 33 over the year before.

Wilbur Utley of Preston had the grand champion entry in the pig club show, and Evelyn Johnson of North Branch won the reserve championship. Fifty-seven pigs were in the contest, 19 per cent more than last year. All were of high quality.

Aitkin county boys, Robert Burroughs and Hartwick Brennen, won the potato sweepstakes. Loren Blanchar, young scion of a corn growing family, walked off with the grand sweepstakes for the best ten ears of corn.

Other Champions

Dairy cattle judging team, National Dairy show—Calvin Anderson of Eden Valley, Alice Landro of Hendrum and Howard Johnson of Bemidji.

Dairy demonstration team, National Dairy show—Myrtle Bemis and Anna Larson of Long Prairie.

General livestock judging team, International Livestock exposition—Charles and John Chambers and Wayne Jones of Steele county.

All star judging team, Interstate Fair at Sioux City—Dell Wilson of Guthrie, Leo Fenske of Bemidji, and Edward Voosen of Fairmont.

Home economics team, Interstate Fair at Sioux City—Margaret Roberts and Marie McPhee of Anoka.

Agricultural team, Interstate Fair at Sioux City—Wilbert Sindt and Ralph Shane of Pipestone.

Champion bread maker, high school class—Rosalie Onstad of Spring Grove; rural school class, Opal Pettis of Indus, Koochiching county.

Champion canning team—Edna Brezinski and Georgia Rose of Winona.

Champion health team. Carol Kesler and Dorothea Wilson of North Mankato, Nicollet county.

Health contest winners, Aune Tuhkanen of Cotton, St. Louis county, and Robert Schultz of Monticello.

Champion sewing team, Mary Senese and Esther Lunquist of Buhl, St. Louis county.

Best potato team, Buford Brown and Aubrey Goulet of St. Louis county; best bee team, Paul Mommson and Esther Christenson of Redwood county; best corn team, Pehr Grandquist and Alvin Weber of Kittson county; best sheep team, Lena and Carl Heidemann of Chippewa county; best alfalfa team, Carol Hempstead and Mildred McCormick of Houston county; champion cake team, Marian Nelson and Ruth Magnuson of Mound.

New Features This Year

Home made gown style exhibition, 86 girls participating.

The Club Gopher, official daily paper, eight pages illustrated.

Rope team demonstration by Irvin Ballard and Wilbur Warner of Redwood county.

Wool team demonstration by Edwina Schaefer and Erma Marzoff of the Live Wire Lamb Club of Preston.

HOME ECONOMICS WORK IN THE FOREIGN FIELD

Home demonstration work as an outstanding type of education was emphasized at the recent national meeting of the Home Economics association in San Francisco.

Persons in extension work or in any other type of work are a bit local and we who went to California got an inspiration just from meeting others in the profession and hearing what they were doing.

Grace Moody Haring, chairman of the home economics division, American Home Department of the General Federation of Women's Clubs, who talked at the general meeting when we met in Berkeley, gave us news of home economics work from abroad. She had spent a year studying methods there. Home demonstration work, she said, occupied the minds of European educators more than any other type of home economics work. In Europe they are trying to reach the young girls and train them for the profession of homemaking. After the girl has had some schooling and special training she is sent into a home where she works out a budget and actually manages the home.

In the home economics schools the director is often a man because of his farm knowledge; oftentimes the school itself is on a farm or located in an old chateau. At first this seemed queer, but the answer to Mrs. Haring's query was that the girls were going to marry farmers so they were in an ideal place for getting knowledge of managing a farm home firsthand. It is customary to have sales at the schools where they sell the product of the girls' work. The profits have proven that the women and girls are economically important.

Traveling schools are not uncommon in France, Belgium, and Ireland. These schools tour both by railroad and automobile. The school remains in one community for three months. The girl registers and receives credit for work done. In a year's time the school reaches three communities.

Teacher training is carried on both in fixed and traveling schools.

In France after the war the system of home demonstration work was fashioned after the method and type of the work done in the United States.

In the British Isles home demonstration work among the rural women is under the direction of the minister of agriculture. It is believed that this type of work has developed leadership and thinking and now the clubs are taking up political subjects for study. In America it is also believed that home demonstration work develops leadership and thinking and well it may for, as Dr. Blunt, president of the National Home Economics association, said, "The home demonstration agent has the most direct inroad into the home, the closest contact and therefore is the greatest influence."

Cattle Tests Completed

The final reading made in the area test for tuberculosis in Scott county showed the infection to be but 2.65 per cent. This is about 1 per cent less than was estimated before the test began. In all 31,451 head of cattle were given the test for tuberculosis. Of this number 827 proved to be reactors. Not a single farmer's herd was quarantined through his refusal to test.

TWO COUNTIES EMPLOY FULL-TIME WORKERS

Blue Earth and Brown counties are each employing full-time home demonstration agents. The development of interest in the work in these counties has grown rapidly the last two years. Two years ago they joined two other counties in employing Miss Eva Blair as fourth-time home demonstration agent. Last year Blue Earth and Brown shared Miss Blair's services on a half-time basis. At the end of the fiscal year Brown county decided that the demands for work had grown so that a full-time worker was necessary and Miss Blair was employed on that basis. Blue Earth county surveyed its condition and found that it, too, needed all the time of an agent. Mrs. Agnes Erkel began work there October first. She is a home economics graduate and has had several years' farm experience.

TUESDAY, OCT. 20, TO BE SWINE FEEDERS' DAY

The third annual Swine Feeders' Day will be observed at University Farm Tuesday, Oct. 20. Results from five experiments will be reported and 90 pigs will be shown in the ring. Facts derived from the experiments will throw light on such subjects as fattening feeder pigs, protein supplement requirements for small pigs, the economy of full feeding versus limited feeding, a comparison of sweet clover, alfalfa and rape forages, and methods of watering pigs. Two speakers of prominence will be secured for the afternoon program.

East Ottertail county farmers pooled orders for several carloads of western sheep and for purebred rams from the McKerrow farms in Wisconsin, reports Agent R. C. Shaw.

TWO-STEERS EXHIBIT STUDIED BY THOUSANDS

The purple cow at the State Fair did more than to amuse—it helped many thousands to locate and study an adjacent exhibit which proved most interesting and valuable.

In this exhibit, entitled "Two Steers on the Same Trail," two live range steers, one a prime animal and the other a common range animal, were contrasted. From charts it was learned that the cost of producing the two was essentially the same, but that the return at the market on the prime animal was much greater than that from the common.

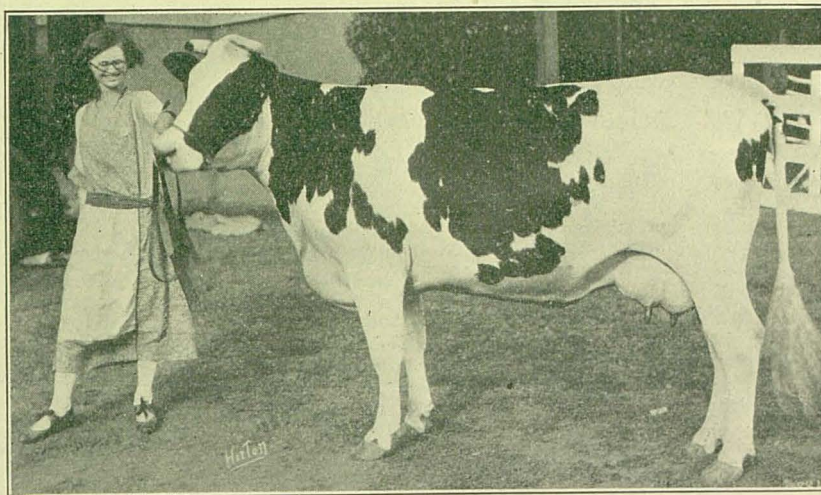
Two live feeder steers in the feed lots were used to bring home the conclusion that good steers produce greater returns than ordinary ones; that they require less feed per pound of gain and represent a shorter feeding period, less margin required between purchase and sale price, and greater daily and total gains.

"At the Market," another part of the exhibit, compared the two grades of fat steers both on the hoof and the hook. Here again the prime animal was seen to be the winner. In still another phase of the exhibit specially constructed refrigerators were used for cuts of meat designed to prove to the housewife the advantage of prime beef over common. Charts told how to distinguish between prime and common meat on the butcher's block.

Pork production was featured under the title, "One Pound of Pork Every Seven Minutes." Another display explained the efficient and profitable management of horses on the farm. Still another made clear the advantages of choice lambs over ordinary stock.

Can't Miss Alfalfa Exhibit

Alfalfa exhibits, composed chiefly of bundles and pictures, have been made up by county extension people in Houston county for every bank and creamery.



MYRTLE I. HIMRUM AND HER TWO-YEAR-OLD REGISTERED HOLSTEIN, WOODVILLE BESS, THE GRAND CHAMPION OF THE BOYS' AND GIRLS' DAIRY CALF CLUB SHOW AT THE MINNESOTA STATE FAIR

Myrtle has been in club work six years and has exhibited Woodville Bess as calf, yearling, and two-year-old. In her first two years Woodville Bess won two firsts, one championship and one reserve championship at the county fair. At the Crookston winter show she has twice been first and grand champion in both club and open classes and at the Minnesota State Fair she placed second and third. When this cow was two years and four months old she made a seven-day official record of 396 pounds of milk and 19 pounds of butter.

For her outstanding record as a Holstein club member in this country, the National Holstein Friesian association awarded a free trip to Miss Himrum to the National Dairy Show at Indianapolis. Although but 19 Miss Himrum has developed a high producing dairy herd of her own on the home farm near Lake Park, Becker county.

GOPHER OATS KEEPING UP THEIR REPUTATION

Gopher oats, the new Minnesota Experiment Station variety, are holding up splendidly under all tests this year.

In Nicollet county, where Earl Springer helped to introduce these oats two years ago, they have made a wonderful showing this season, averaging 10 to 20 bushels more to the acre than other high yielding oats. Practically all the Gopher oats yielded between 80 and 100 bushels to the acre.

Gopher is also outyielding ordinary varieties by 12 to 15 bushels, says Agent P. W. Huntemer of Nobles county. Tests were made to prove the facts, he reports.

The Brown county agent, Willis Lawson, tells of a farmer who raised 95 bushels to the acre from a 15-acre field of Gopher oats. In Cottonwood county a 20-acre field averaged 84 bushels and an 80-acre field 80 bushels to the acre. In spite of a rather unfavorable season for early oats, the new Gopher variety stood up well on rich ground and returned good yields.

BIBELHAUSEN GOES TO KOOCHICHING COUNTY

R. J. Bibelhausen, for the last two years county agent of Lake of the Woods county, will be transferred to Koochiching county November 1, to succeed M. M. Abbott, who resigned. Mr. Bibelhausen is a graduate of the Wisconsin College of Agriculture, and had experience as assistant county agent in Wisconsin before coming to Minnesota. His work in Lake of the Woods county has been largely along the lines of livestock and related problems. He has emphasized better feeding of dairy cattle, more legumes, patronage of the local creamery, better sires, more cows, and similar work. Boys' and girls' club work, land clearing, and other projects have been given attention. A successor to Mr. Bibelhausen will be chosen soon.

5,000 FARMERS ENJOY SCOTT COUNTY PICNIC

Five thousand farmer folks frolicked at the farm bureau picnic at Belle Plaine, Scott county. Contests were started for about everything; prizes were given to the shortest girl, the one with the longest hair, the best girl whistler, and the boy with the greatest capacity for stowing away watermelon. Two pioneer couples tied for having the largest family present, nine children each. Horseshoe pitching, baseball, and dancing rounded out a happy day's program.

Some Potatoes for Biwabik

Biwabik gets the International Potato Show this year; the dates are October 8, 9 and 10. About \$1,000 in prize money will be paid out. The potato crop in St. Louis county is good and a big show is forecast.

Visit Fair as Guests

Business men and farmers of Castle Rock in Dakota county did the handsome thing by taking the entire membership of the Castle Rock Club to the county fair.

MISS REID IS NEW CLOTHING SPECIALIST

Miss M. Lois Reid, who joined the home demonstration section, September 1, as clothing specialist, has been filling appointments in northern Minnesota. Miss Reid was graduated from the Central high school in St. Paul in 1913 and won her degree in home economics at University Farm in 1924. Previous to that she had taught



home economics at Hill City, Winnebago, and elsewhere in Minnesota. For a year immediately preceding her present appointment, she served as urban home demonstration agent in St. Paul.

THIRD MAN ADDED TO COW TESTING SECTION

Cow testing association supervision has increased to such an extent that Ramer Leighton of Stockton, Winona county, has been engaged for a term of six months to assist Messrs. Hanson and Geddes. Several new associations are about to be organized; Mr. Hanson predicts a total of 100 by the first of the year. Mr. Leighton was graduated from the School of Agriculture in 1913 and since then has been a dairy farmer with his father and has acted as a local extension leader in dairying.

APPLES, PLUMS GROW BIG WHEN YOU PRUNE

The Fremont township, Winona county, farmer who pruned his orchard early this year, after extension folks had given a demonstration, says his apples are twice as big as last year and that his plums, which were gradually getting smaller until they were of little account, almost doubled in size. In a note to McNulty, he says: "It sure paid me big to prune my orchard."

Pasture Possibilities Demonstrated

That five cows can get adequate feed from an improved pasture, while one cow is having hard picking on the same area of wild brush pasture, was a fact driven home by the use of miniature models at the Beltrami county fair.

Juniors Hold Livestock Show

A junior livestock fair, held this year in Dodge county in an effort to make club work self-supporting, is pronounced a success by County Agent M. L. Armour. The juniors said it was the best day they had ever had.

Seed Crops Damaged by Hoppers

Alfalfa seed production in Chisago county will be light on account of hopper damage, says Agent George W. Larson. Demonstrations on preparing and scattering poisoned bait have recently been given.

Grub Worms Attack Corn

Grub worms damaged corn to some extent in Faribault county, says the agent.

KITCHENS IMPROVED BY USE OF SCORE CARDS

Kitchen score cards from 16 members of the Priscilla Club, Mrs. Thomas and Mrs. Brosious, leaders, who were enrolled in the home management project in Washington county, show that 13 have been able to raise the score from 1 to 17 points through a study of the subject.

Following a meeting at which kitchens were discussed as to efficiency, each member of a group was asked to study her own kitchen and score it according to a score sheet furnished by the state specialist assisting in conducting the project. At the close of the project each member will again score her kitchen.

"Scoring my kitchen helped me to determine where I might make improvements, and from discussions at our meetings I got many suggestions of simple improvements which could be made at once," said one group member.

Skuli Thins Bachelor Ranks

With his usual countenance of perfect innocence, Skuli Hrutford, agent in Yellow Medicine county, passed through the Twin Cities on his way to Rochester, of world wide medical fame, to participate in one of the important events of his life. Yes, his life was saved and he is thriving, for on September 9 he and Miss Ruth Hoxie were united in marriage. Congratulations are extended by co-workers.

Alfalfaless Farmers Get in Line

Scores of farmers in Houston county, impressed by the results from demonstration alfalfa plots, will plant alfalfa next year for the first time, says Agent W. D. Stegner. The average yield of these demonstration fields for 1925 is four and one-half tons of cured hay per acre.

Upstate Dairymen Building Barns

Aamodt of southern St. Louis county notes a marked tendency among the farmers to build barns, especially dairy cattle barns. "More buildings are being put up this year than during any other two previous years," he says.

Doubters Convinced

Deep seated prejudices against the harrowing of alfalfa fields are being overcome, says Agent August Neubauer of St. Louis county, by the good results obtained. Farmers who were persuaded to do the work were agreeably surprised and are being followed by increasing numbers.

Sow Thistle Marching On

In its peregrinations east and south, the sow thistle has reached Washington, Cottonwood, and Nobles counties. A weed inspector in the last named county says he found 20 patches of the thistle in his township.

Nothing Too Good for Juniors

Thirty club juniors from La Porte and Guthrie would not have attended the Hubbard county fair had not the good people of Park Rapids furnished transportation. The juniors were brought down in automobiles and entertained in Park Rapids homes.