

# MINNESOTA EXTENSION SERVICE NEWS

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

Vol. V

UNIVERSITY FARM, ST. PAUL, MINN., JULY, 1926

No. 10

## Krause in Harness Ten Straight Years

F. E. Krause, on June 6, 1926, completed ten years of continuous county agent service in Faribault county. This is a record more than three times better than is made by the average county agent.



F. E. Krause

However, Mr. Krause was quite unmindful of the event and was "working on the job" at the end of ten years in his usual industrious and faithful way, as though he was just at the beginning of an important piece of work.

County Agent Krause has had splendid support, not only from the most forward leaders but from the farming people of the county generally. J. W. Stevenson, farm bureau president for Faribault county, in expressing his appreciation of the county agent work and the county extension service said: "They compose the best educational force for the farmers we have in the county." As some of the major achievements he mentioned the extension of the alfalfa acreage, boys' and girls' club work, the educational service in connection with co-operative marketing projects, and several phases of livestock improvement.

Mr. Stevenson says: "If the county agent is OK he should be kept as long as possible, and if not he should be changed as soon as possible."

Jesse L. Herring, county auditor, said: "It would be a mistake for Faribault county to be without the county agent service." Activities which had benefited most people in the county, he added, include the dairy improvement work, hog cholera control and the teaching of farmers to control animal disease, boys' and girls' club work, farmers' co-operative enterprises, and the development of leadership among the farmers so they are better prepared to help themselves.

L. M. Hill of Verona township, one of the men who helped to get the county extension service successfully established in Faribault county, says: "It is the most potent influence for agriculture in the county. Many forces co-operate, but the farm bureau and those identified with it are expected to and do take the leadership. The county agent starts important movements; then when they get started they go of themselves virtually and often the relation the agent had in initiating the undertaking is forgotten."

Mr. Hill believes that the county agent can build himself into the life of a community equally as well as can the doctor, lawyer, or other professional man.

H. C. Muir of Winnebago, another

leading farmer of Faribault county, feels that the movement of greatest importance is the boys' and girls' club work. What has made the extension service so generally successful, he says, is because the county through the official action of its commissioners has always supported it; the farm bureau of the county has had the co-operation of influential people, and real leadership has been developed. He also considers that all other factors being equal, the longer an agent stays with his county the better.

## COUNTY AGENTS MEET GREEN BUG SITUATION

The green bug, or plant louse, is doing tremendous damage to the grain crops of Meeker, Kandiyohi, Pope, Swift, and Chippewa counties. It has made its appearance to a less damaging extent in Hennepin, Wright, McLeod, Renville, Redwood, Lyon, Yellow Medicine, Lac qui Parle, Bigstone, Traverse, Stevens, Wilkin, Ottertail, Grant, Douglas, Todd, and Stearns.

In counties employing county agents, immediate action has been taken to meet the situation. Since there is no known control method that can be economically applied, the only thing a farmer whose fields are infested can do is to plow them up and plant other crops. Fodder corn, soybeans, and millet are recommended as feed crops; flax and buckwheat as cash crops.

County Agent W. K. Dyer of Meeker says that practically all the north half of that county is infested. Several meetings were immediately scheduled in the part of the county affected, and recommendations were made to plow up badly infested fields and re-seed preferably with feed crops. In addition articles were prepared for the local papers for general information.

County Agent E. N. Johnson of Renville reports that he is advising farmers to turn under infested fields and plant to fodder corn or millet.

## Collingwood Coming

G. H. Collingwood, extension forester with the United States Department, will be in Minnesota the week of July 5 to discuss with Director F. W. Peck and P. O. Anderson, Minnesota's extension forester, phases of project work proposed for next year. He will also make a field trip with Mr. Anderson to inspect windbreaks and visit boys' and girls' camps.

## 783 Chisago County Homes Reached

The home management project in Chisago county reached a total of 783 homes, says the county agent. There were 16 groups and 240 original members, with 213 holding steadfast to the end. Others reached by the work numbered 570. The organization of groups for the advanced home management project will be begun in July and the first meetings of leaders will be held August 27 and 28.

## Beef Cattle Special Completes Good Run

To create a greater interest in making Minnesota a "better beef cattle state" was the object of the co-operating forces which planned and carried out the beef cattle train tour June 14 to 25 inclusive. The object was not, as explained by members of the train staff, to stimulate beef raising in competition with dairy farming. Many Minnesota farms are fitted for beef cattle raising, and it was to the operators of such farms that appeal was made.

Meetings were held and demonstrations given with cattle carried on the train at 26 points in 22 counties. The aggregate attendance was about 15,000.

Animal husbandry men of the university used a group of six steers to show the grades established on the livestock market—inferior, common, medium, good, choice, and prime. The animals had been furnished by the packing companies. Only 35 per cent of the cattle received at the markets makes the three higher grades. The other 65 per cent falls in the lower grades and, of course, brings less money. The contrast was strikingly apparent in a scrub and a prime steer shown by the University men. The scrub would cost almost as much to ship as the prime, and would bring only \$56 at current prices, whereas the prime steer would sell for \$128. While it would cost more to raise the prime steer, the margin of profit on it would be far greater.

Farmers were urged not to market their discarded cows as "canners and cutters" but to fatten them up by three or four weeks' feeding and market them as "butcher" cattle. The difference in price will be around two and one-half or three cents a pound, which will more than pay for the required feed and labor. The university men advised the same treatment with calves to be sold as veal; it pays to fatten them up a bit before selling, as the difference in price sometimes amounts to five cents a pound.

## Beef Type Characteristics

The problem of producing high-priced, good quality stock was explained by specialists of the extension division of the university, who had three groups of the leading breeds of beef cattle raised in Minnesota—Herefords, Aberdeen Angus, and Shorthorns. The stock of the first two breeds was from the Schermerhorn farms near Mahanomen, and the Shorthorns from the Monroe farms in Warren. In each group was a bull, a cow, a yearling, and a calf. The bulls and cows were of the type demanded by the markets. The yearlings and the calves, offspring of the bulls and cows, showed the same qualities. They were low set, blocky, broad, deep and smooth with level lines and a thick covering of flesh on those parts from which the best cuts of meat come.

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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.

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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.

JULY, 1926

### VETERINARIANS WILL MEET AGAIN AT FARM

The veterinarians of Minnesota at their fifth annual short course and 28th semi-annual meeting at University Farm, July 22-23, will give special attention to diseases of fowls. A poultry clinic will be one of the series of clinics which will include diseases of horses, swine, cattle, and small animals.

The poultry clinic will be in charge of Dr. J. R. Beach, professor of veterinary medicine, University of California; the horse clinic in charge of Dr. H. E. Kingman, veterinary surgeon of the Colorado Agricultural college; the swine clinic in charge of Dr. E. L. Steel of Grundy Center, Iowa, and the small animal clinic in charge of Dr. H. J. Milks of the New York State Veterinary College. Arrangements for the cattle clinic have not been completed. The evening meeting on Thursday will be a symposium on tuberculosis.

Many other speakers of prominence have been engaged. Dr. C. P. Fitch, secretary-treasurer of the state association, suggests that members make early reservations for rooms in the dormitories at University Farm.

### CREOSOTING OF POSTS IMPRESSES FARMERS

After attending demonstrations by Parker Anderson, extension forester, farmers of Kittson county were ready to agree that the creosoting of oak and poplar fence posts is a practical farm practice. County Agent Thorfinnson says that 120 posts were treated at eight demonstrations. Twenty gallons of refined creosote were used, or one gallon for every six posts. There was some loss in pouring and repouring, so that it is safe to say a gallon will treat eight posts. As the creosote retails at 60 cents a gallon, the cost of treating a post would be seven and one-half cents for the material. According to Mr. Anderson, a proper penetration of coal tar creosote in well seasoned posts will make popple last 20 years and oak 26 years. He suggests the installation of co-operative treating vats at creameries where live steam is available to heat the solution.

#### Scott County Club Girls Organize

Scott county 4-H club girls have formed a county-wide association.

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Representatives of the railroads led an interesting discussion of prices and economical production. Better times for beef cattle producers were predicted. "This is a time for better beef cattle, not more beef cattle," said one speaker. "The best plan is not to plunge in cattle production but to maintain a uniform number from year to year on the farm."

A feature which always interested the crowd was a demonstration on the care and feeding of baby beef by experienced baby beef club members. These boys emphasized the points to be considered in selecting beef animals and in methods of feeding. They also placed stress on the use of home grown feeds—corn, oats, alfalfa, with some added oil meal—and on comfort and contentment among animals as profit producers.

#### Side Notes

Forty Kittson county farmers journeyed nearly 50 miles to witness the demonstration at Warren.

Sixty club boys and girls, who were at Thief River Falls for a day of recreation and pleasure, attended the meeting at that point.

"It was the best farm meeting I have ever attended," said Osten Hanson, a Norman county pioneer, after the meeting at Twin Valley.

Beef Cattle Special Train No. 2, engineered by Patrick W. Jordan of Beardsley, met up with Special No. 1 at Graceville. Nicely lettered streamers were fastened to the side of Mr. Jordan's special, a motor truck, on which was transported a two-year-old Shorthorn steer weighing 1,400 pounds.

Another feature of the meeting at Graceville was the appearance of 11-year-old Pauline Derenthal, who is widely known since the last Junior Livestock Show as Little Bo Peep. Pauline gave a short talk in which she told of winning the first prize in the purebred Shropshire class at the junior show with her lamb Babe. She is now raising Babe II for the 1926 junior show.

Heavy rain made it impossible to give the show outdoors at Fertile. A local committee met the emergency in fine shape. They escorted the visitors to the new community building which was financed by the fair association, the village organization, the American Legion post, the business men's association, and other local interests. The building seats 1,700 and stands on the fair grounds as a monument to the enterprising people of the town and community.

### CUTWORM INFESTATION QUICKLY CLEARED UP

C. E. Mickel and County Agent True of Lincoln made short work of a cutworm infestation in flax fields near Ivanhoe. In less than three days after poisoned bait had been mixed and put out the worms had practically all been killed. Neighborhood farmers were convinced after the demonstration that the use of poisoned bait is a practical method of controlling the pest, says the agent. Fifteen men attended a demonstration of mixing and distributing the mash.

#### Club Enrolment Swells

The club enrolment in Watonwan is the largest the county has ever had. Hudson reports a membership of more than 300.

### FORESTRY TAUGHT TO JUNIORS OF TWO CAMPS

For the first time forestry has been taught members of boys' and girls' clubs in summer camps. Parker O. Anderson gave some instruction and led a party of juniors from the Steele county camp on a short hike. Much more of the work was given at the Goodhue-Wabasha county camp held at Lake City. An auto tour was made to nurseries in the vicinity and the Lake City nursery agreed to furnish each member of the camp with one Scotch pine, one Austrian pine, a Norway spruce, and a Jack pine for planting next spring. The university men will instruct them in handling, planting, and caring for their trees.

One hundred fifteen juniors from the two counties enrolled in the Lake City camp. Two groups of club juniors came across the lake from Wisconsin and took part in the exercises. Camp Lakeview made a delightful place for the training and outing.

The combined camp for the juniors of Chippewa and Yellow Medicine counties is now in full swing at Montevideo. Others yet to be held are camps for St. Louis county and Cass county.

The club youngsters made the best of several days of disagreeable weather and report a good time all down the line. Two hundred fifty went into camp in Ottertail county, 150 in Lyon county, 125 in Redwood county, 75 at Hibbing, and 70 in Pope county. The tri-county camp at Fairmont attracted 150 boys and girls from Martin, Watonwan and Faribault counties. Pipestone and Lincoln county club members to the number of 155 encamped at Lake Benton. The West Central Minnesota camp on Bigstone lake, near Beardsley, was, as usual, one of the big camps of the season.

### "EXTENSIONERS" SPEND HAPPY DAY AT LAKE

Because L. O. Jacob, the Anoka county agent, did a "Casey at the Bat" when the bases were loaded, the supervisors lost the kittenball game with the specialists at the annual picnic of the extension division held at Excelsior June 12. Two men were out and when Searles, pitching for the specialists, fanned Jacob, the game was as good as lost. The final score was 9 to 8 in favor of the specialists. L. V. Wilson, who umpired the game, not only escaped with his life but was complimented for his fairness.

J. F. Kuehn and Frank Brown won the horseshoe pitching tournament for men and Ruth Johnson and Violet Anderson carried off the corresponding honors for the women.

A count of noses revealed 110 or more present. A light rain caused a scurry to the pavilion, but ere long the skies cleared and the big family table (two of 'em, in fact) was spread outdoors. The meal left nothing to be desired.

#### Fifteen Boys in Bacon Pig Club

Fifteen boys have joined the bacon type barrow club in Olmsted county and each has been supplied with a Yorkshire pig by the Hormel Packing company of Austin.

#### More Than 1,000 Study Exhibits

More than 1,000 persons inspected the exhibit made at Pine City by women in the clothing extension project.

## Good Interest Taken in Stock Feeders' Day

Assuming that the value of the fertilizer produced by the young stock used in the experiment equaled the costs of labor and all incidental expenses, a definite profit was made on the six lots of ten calves each which were exhibited by the animal husbandry men of the University of Minnesota at the sixth annual Cattle Feeders' Day exercises on Thursday, June 24. The results of the experiment were reported by Prof. H. W. Vaughan of the university's staff.

All of the calves were purchased in October, 1925, from the Schermerhorn farms, Mahanomen, at a uniform initial cost of \$8 per hundredweight. The initial cost per head was substantially \$36 in each instance. The total cost of their feeds for the 217 days of the experiment ranged from \$41.91 to \$47.17. The final cost per head ranged from \$77.91 to \$83.09. The selling price per head at University Farm, as agreed upon by terminal market buyers, ranged from \$85.69 to \$91.28.

Each lot of calves was fed all of the corn silage and alfalfa hay it could clean up daily in addition to the following concentrates also fed twice daily:

- Lot I (Steers). Corn and cob meal, full fed. Linseed meal, two pounds per head daily.
- Lot II (Steers). 85 per cent of the corn and cob meal and linseed meal fed to Lot I.
- Lot III (Steers). Shelled corn and linseed meal in an amount equal to these feeds in the ration of Lot I.
- Lot IV (Steers). Shelled corn and linseed meal in an amount equal to these feeds in the ration of Lot II.
- Lot V (Steers and Heifers). Same concentrates as Lot III.
- Lot VI (Heifers). Same concentrates as Lot III.

The initial weight of the baby beeves was close to 450 pounds each. The final weights ranged from 940 pounds to 964.93. The lowest total gain was 490.80 pounds; the highest, Lot I, 514.76 pounds. Four pigs followed each lot during most of the experiment and the pork credit per calf at \$11 a hundredweight ranged from \$1.48 in the case of the steers in Lot II to \$5.60 for the Lot IV steers.

Lot V contained five steers and five heifers and Lot VI contained heifer calves only. Two lots of steer calves fed shelled corn surpassed two competing lots fed corn and cob meal because of a larger pork credit. The ten steers in Lot III made \$4.30 more profit per head than the ten heifers in Lot VI.

### Young Beef in Greatest Demand

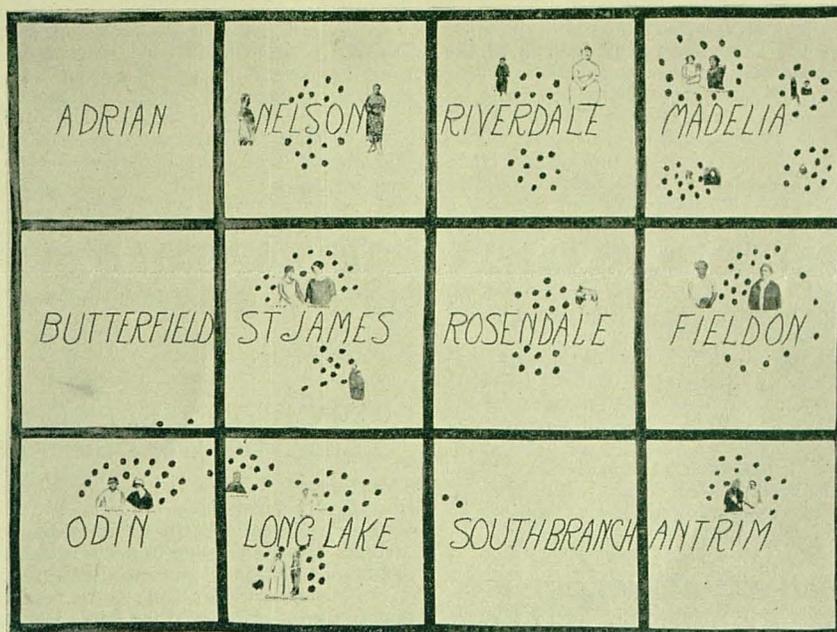
H. J. Gramlich of the University of Nebraska gave the feature address of the day. Asserting that beef production is largely a problem of management, he advised the feeders to produce and sell young animals. From a commercial or retail shop standpoint, the little beef animal not highly finished is in best demand, he said. He predicted that in five years 90 per cent of the cattle going to market will weigh under 700 pounds.

In a talk on the seasonal trend of cattle prices W. L. Cavert presented figures to show that on the average the highest market on corn fed steers has been in August and September, while the lowest average market has been in January and February. April and May usually see the high price for stockers and feeders, and October, November, and December the low price.

### Loading and Shipping Pointers

J. S. Montgomery, manager of the Central Co-operative Commission association,

## All But Two Townships Take Poultry Project



When Watonwan county took the advanced poultry project, membership extended into all but two townships. The location of the local groups taking the project was cleverly shown on the above map which was displayed at the Poultry Achievement Day. Snapshots of the two local leaders in each group added greatly to the interest taken in the map. Group members are indicated by the black dots.

gave the cattle feeders many useful suggestions for preparing and loading cattle for shipment. Not more than 10 per cent of the cars coming into South St. Paul are properly prepared for stock shipments, he said. The cars should be cleaned and grveled, so as to afford good footing, and have plenty of straw for bedding. Great care should be exercised in keeping the cows from over eating. Radical feeding changes at shipping time should be avoided. A. A. Dowell of the extension service sketched the progress of the Minnesota carload baby beef contest, and said 615 calves, or the equivalent of 41 carloads, were entered in the first contest which closes this summer.

Nearly 300 persons attended the exercises. Many questions were asked and the interest was maintained all through the day. Prof. W. H. Peters presided at the forenoon session and Dean W. C. Coffey in the afternoon.

### NEWS ITEMS SHOW ACTIVITIES OF AGENTS

The scope of activity of the county agent is well indicated in the range of news items which County Agent Paul Johnson furnished to the newspapers of Rice county for the first week of June. These items, which made up 10 pages of typewritten material, include activities and events as follows:

- Boys' and girls' club work.
- Three township unit meetings.
- Poultry feeding, particularly trials with Wisconsin chick ration.
- Inquiries as to surplus dairy cattle.
- A visit by one of the state boys' and girls' club workers.
- Schedule of premiums for club work at the county fair.
- Plans for the picnics of the Faribault and Forest co-operative creameries.
- Plans for the Rice county annual farm bureau picnic.
- Summary of poultry records being kept in the county.

### ONLY 240 HOMES OF 1,439 HAVE WATER SYSTEMS

Through a survey made by local leaders in the home management project in eight counties, reports were received from 95 communities and 1,439 homes. Of these homes, 571 had soft water in the house, 542 had drains for carrying off waste water, and 240 had a complete water system.

These figures do not represent rural homes only, for in each of the eight counties there was at least one town group represented in the project.

The fact that of the 1,439 homes reporting there were only 240 families enjoying the benefits of a water system raises the question as to whether people in general appreciate the real value of this greatest of home conveniences and the comparative low cost of its installation. It is safe to say that for a given sum of money there is no one thing which contributes more to the time saving and efficiency of the housewife and to the comfort and well-being of the family than a complete water system.

### MISS TIKKANEN GIVEN LEAVE OF ABSENCE

Anna Tikkanen, St. Louis county home demonstration agent since January, 1922, has been granted a six months leave of absence beginning July 1. Florence Lang, Minnesota 1923, has been secured to carry on the work during Miss Tikkanen's absence. In her three years of Americanization work with the board of education in Hibbing, Miss Lang has worked very closely with Miss Tikkanen and thus understands local conditions to a large extent. The Hibbing board of education has allowed Miss Lang a six months leave in order to take the extension position.

### FREEMAN GETS BIGGEST FISH AT AGENTS' MEET

Fishing, tennis, and horseshoe pitching were the chief sports indulged in at the annual outing of county agents, held this year at the Birchmont Hotel, Bemidji, on the shores of Lake Bemidji. County Agent Robert Freeman of Ramsey county won first prize for catching the biggest black bass. The bass "Bob" caught weighed about 10—. A black bass bait box and a copy of Van Dyke's "Fisherman's Luck" were offered as the prizes by Mr. and Mrs. F. E. Balmer. County Agent Fred Idtse of Hubbard county was a close second, with a fine string of what he called "wall-eyed perch."

Perfect weather and the hearty cooperation of the people of Bemidji made the outing one of the most pleasant which has yet been held. The only regret expressed was that so many of the agents found it impossible to be present.

The outing closed with a fish dinner and excursion across Red lake as the guests of the Northwest Dairy Exposition.

### SOME ALFALFA LOST BY WINTER KILLING

Agent Paul Johnson of Rice county reports that forage valued at more than \$100,000 was lost to dairy farmers of his county by winter killing of more than 35 per cent of the alfalfa crop. Individual losses ran from 5 to 95 per cent. Forty fields were inspected by the agent and F. W. Steinmetz of University Farm. On several farms visited by the two men common alfalfa and Grimm had been planted in adjoining fields. Invariably the common variety had been killed out, while the Grimm suffered only where ice had laid upon it and smothered it.

Somewhat similar conditions are reported by Mr. Steinmetz in localities in Steele county. On the other hand, he found no evidences of damage by winter killing in sections of the Red river valley visited by him.

A like satisfactory situation is reported by McNelly of Fillmore. Very little winter killing, and that of the common alfalfa only, is to be seen. Fields of Grimm, except a few which are deficient in lime, are making satisfactory growth. Co-operative plots of the soils division are doing famously, the agent says.

### How Corn Testing Station Helped

County Agent John Sheay of Scott led off in the establishment of a seed corn testing station at Shakopee which was used not only by farmers of his county but of adjacent counties. One farmer who had planned to plant 100 acres of corn with the Golden Jewel variety, found when his ground was ready that seed on which he was relying was of low germinating power. Mr. Sheay, flashed an S. O. S. to farm bureau members and sufficient Golden Jewel corn was soon secured for the entire acreage.

### Will Improve State Fair Booth

The county farm bureau, with financial co-operation from commercial clubs and other organizations, will again sponsor the Lincoln county booth at the State Fair. The sum of \$300 will be raised so that the county will have a more elaborate booth than it had last year.

### TWO FEEDERS TIE IN A GUESSING CONTEST

G. A. McCarthy of Madelia and F. L. Koester of Northfield tied in a weight guessing contest on Cattle Feeders' Day by guessing the exact weight (840 pounds) of a young Shorthorn steer. When called upon to make another guess upon a second animal McCarthy came in first and was declared the winner of the contest and presented with an automatic lead pencil. Mr. Koester was awarded a stockyards cane. Josh prizes were presented Joe Montgomery and H. G. Zavoral. Guesses on the steer ranged all the way from 550 to 950 pounds. The contest proved to be an interesting feature of the day's program.

### CUTOVER LAND FARMERS PLANTING WINDBREAKS

Most people think of Lake of the Woods county as way up in the woods, but according to County Agent Christian Nash, farmers are signing up for co-operative windbreak plantings, just as the farmers do in prairie sections. The agent reports that 30 men have entered the land clearing contest with more to follow. Land clearing demonstrations conducted by university men have increased materially the demand for pyrotol in the county.

### Krause Counts His Alfalfa Chickens

Krause of Faribault figures the new alfalfa area in his county to be 5,425 acres. Then he goes right ahead and counts all his chickens before one is hatched. He says: "At three tons per acre this means a total of 16,275 tons of hay, valued at more than \$300,000. If a ton of hay were put on a rack, the teams and racks—one load placed ahead of the other—would reach 67 miles."

### Like the Billings Plan

If imitation be the sincerest praise, then the district conferences held for Minnesota veterinarians by Dr. Billings were fine successes. Veterinarians of several states have been writing headquarters at University Farm for particulars of the planning and putting on of the conferences in Minnesota.

### New \$100 Scholarship Offered

The Minnesota 4-H baking club member who has the best record of the year in making quick breads or cake will be awarded a \$100 scholarship by the Royal Baking Powder company, provided such member has not already won a scholarship this year.

### Home Beautification Club Prospers

The home beautification project grows apace in Ramsey county. Some 125 members have been supplied with seeds and bulbs which are doing well despite the prolonged drouth.

### Farm Life Satisfying

The optimists are not all dead. Lenzmeier of Brown finds a greater interest in home beautification than ever before. "Greater prosperity and a more satisfied feeling about farm life are probably responsible," he says.

### Club Tour Arranged in Nicollet

Club boys and girls of Nicollet county will give a day to touring the county and visiting with each other.

### 4 MINNESOTA JUNIORS GOING TO WASHINGTON

Minnesota will be represented by two boys and two girls who have outstanding records in the club leadership project at a special conference, called by the United States Department of Agriculture, of junior leaders at Washington, D. C., next June. The selections will be made by the state club office on the basis of award as announced in the project. The State Boys' and Girls' Club association will pay the expenses of the four representatives by gathering contributions of five or ten cents each from club members. Several counties have already promised their quota. Juniors attending the conference will go into camp near the Washington monument. Officials are already studying proposed features of the conference and camp.

### Juniors Will Run Their Own Show

Not only will club boys and girls have the largest exhibit of junior club work ever shown at the Fillmore county fair, August 24 to 27, but each club department will be strictly in charge of a junior, says County Agent McNelly. Superintendents have been appointed for baby beef, dairy calf, pig, market lambs, poultry, club demonstrations, and the special club exhibit classes.

### 700 F. B. Members in Murray

Completion of the farm bureau campaign in Murray county shows a total membership of nearly 700, says County Agent Mereness, with an average membership in each township of about 35 and every township except two having 25 or more members. Even these two have sufficient members each for a unit organization.

### Washington Votes for Testing

The Washington county board voted unanimously to appropriate funds for co-operating with the state and federal departments for the testing of cattle for tuberculosis. The project went through so expeditiously that it appeals to the agent as a prime demonstration of what good team work and organization will do.

### Boyd's Prescription Makes Good

Two per cent lime aid in all dry feed plus a tablespoonful of cod liver oil daily, a prescription recommended by Dr. W. L. Boyd of University Farm, has given good results in the treatment of bone weakness in brood sows, says Huntmer of Nobles. Ten farmers had appealed to the county agent for help in saving their porkers.

### Three-Day "Fourth" Planned

The Hennepin county fair grounds at Hopkins are being materially improved this year, and County Agent Kirkpatrick has been helping the good work along. To meet its increased needs for cash the fair organization will sponsor a three-day Fourth of July celebration on the fair grounds.

### Brown Buys Pyrotol by Carload

Brown county is preparing to order pyrotol by the carload. It is a fine farming country, but there are still large sized areas of stony land that need clearing.

### Protective Association Assured

The farm bureau board in Pipestone has voted unanimously to organize a Farmers' Protective association.