

MINNESOTA EXTENSION SERVICE NEWS

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County Agent's Place in "Co-op" Marketing

Director F. W. Peck substituted for C. E. Ladd of Cornell University on the program of the American Institute of Co-operation on July 10, and discussed "What is the Place and Work of a County Agent in Organization Campaigns and Educational Programs?"

"What we need more than anything else in extension along this line is more instruction in the responsibilities, fundamentals, and limitations of co-operative marketing," he said. "We sometimes act as though we had it perfected; that by next week the entire present system would be revolutionized, while as a matter of fact we are children just learning to walk in this fashion. It is a 20-year program with many opportunities for falls and set backs unless we build slowly, wisely and well.

"An adequate program in any county contains a number of projects or lines of activities. As the leader in the prosecution of this program, the agent must necessarily realize his primary function of teaching subject matter and guiding local authorities rather than adopting the role of business representative in selling and buying products. He does not possess a commercial sales service function, nor can he long assume the specific responsibility of building a business unit, whether co-operative or private. But he can and does assume the duty of adopting some of the principles and practices of successful salesmanship—namely, he arouses interest in a given project such as co-operative marketing. He stimulates and creates a desire on the part of his people for more knowledge of the subject; he arranges for sales talks by competent persons; he expresses his belief in the practical value of this form of marketing; he must be wholly sympathetic in the desire of his farmers to improve the marketing system, but he should not and does not assume the responsibility of signing members to contracts nor of guaranteeing successful operation of any co-operative after it starts business.

"This does not put the county agent in a weak position, nor does it leave him on the fence uncertain and indefinite in his work. He can lend much more permanent and valuable assistance as a public official than as an organizer or operator of a business concern.

"The county agent is the publicly supported leader of thought and action in the development of people through improved farm practices in both marketing and production. * * *

"His greatest educational function and opportunity, therefore, seems to me to be the influence he can bring to bear on the producer for the efficient production of a high quality product that will bring a more satisfying price—to wholeheartedly support the fundamental prin-

ciples of co-operative marketing and to urge a greater appreciation of the final objectives and values of the movement in a more satisfying farm life."

STATE FAIR AND N. W.

DAIRY SHOW SEPT. 4-11

Premiums totaling \$145,000 will be given out at the Minnesota State Fair and Northwest Dairy Exposition, says Herman Roe, president of the State Fair Association. The dates are September 4 to 11. Visitors will find an exposition worth three millions and a half, Mr. Roe adds. Cattle, horses, sheep, swine and poultry valued at a million and a half will be exhibited. Forty-one counties will have displays of agricultural products.

The Northwest Dairy Exposition will again be an outstanding feature. Plans for the educational exhibits have been perfected and many new attractions have been obtained. This will be the fourth exposition staged jointly by the managers of the fair, the St. Paul Association, and the Minneapolis Civic and Commerce Association.

The department of woman's activities has been reorganized and will be larger and better than ever. An advisory committee of seven, one each from leading organizations of the state, is assisting the department's superintendent in working out details for four units of activities of especial interest to women. These will have to do with food, government, home decoration, and education. Daily lectures and a style revue will be given.

A dozen bands, a mammoth fireworks spectacle, an open-air vaudeville program, four afternoon horse racing cards, an evening horse show, dog races, stunts by aviators, and a midway will furnish amusement and entertainment.

Boys and girls under 12 years of age will be admitted free each day of the fair.

Guernsey Cattle Sales Total \$9,000

Returns from the Guernsey cattle sale at Thief River Falls totaled more than \$9,000. All animals listed in the catalog were sold. Seventeen purebred cows netted \$2,543, an average of \$149 per head. The top price was \$200. Eighteen purebred sires brought a total of \$1,666, an average of \$92.55. Two sires sold for \$150 each. Twenty-five grade cows averaged \$90 each.

More Sheep for Koochiching

Several Koochiching county farmers, who are being financed by the Agricultural Credit Corporation, are giving orders for sheep. Under the plan farmers are required to pay \$2 per head in cash, the remainder to be distributed over a period of three years at 6 per cent interest.

State Has First Home Management Tour

More than 160 persons joined in the home management tour July 10 in Houston county. The tour was the first of its kind in Minnesota, and was a result of the home management project conducted last fall in Houston county through the co-operation of the county organization and the agricultural home demonstration office.

At 10 o'clock Saturday morning, July 10, 65 persons, men and women, were at the home of Mrs. Pat Dunn, the first stop on the tour. The Duns have recently installed a water system—hot water tank, toilet, bath, septic tank, and cesspool complete for less than \$300. After a thorough inspection of this convenience, several of those present said they would install a similar plant before another year.

At each of the six homes visited improvements large and small were noted, most of them results of the home project work carried on in local units through the co-operation of local leaders, group members and the state specialist. At 12:30 a splendid picnic lunch was enjoyed by 150 persons. A more ideal spot than the home of Mrs. Ed. Scheck would have been difficult to find. After lunch there a short "peppy" program of original yells, readings and talks was given. At each of the homes visited the hostess gave a brief explanation of improvements made, mentioning cost, also the value of the improvement in terms of time and energy saved and pleasure derived.

At the last home visited—one built some 70 years ago—the hostess wished the group to make suggestions as to how it might be remodeled to make it more efficient and better suited to the needs and desires of her family. Such remarks as "there, that's good; I had never thought of that;" "yes, I believe we can do that," indicated that some suggestions were to the point.

At 4:30 p.m., only one half hour behind the schedule, everyone was starting home feeling that the day was well spent. The committees of women and the county agent, L. A. Churchill, who planned every detail of the tour so well, deserve much credit, and those along the tour who opened their homes to the throngs who visited and inspected them from cellar to garret showed true co-operation and real community spirit—that spirit which stands for better homes in America and all that goes with them.

Limestone Good for Winona Soils

All of the 10 farmers of eastern Winona county who were selected to co-operate with the soils department of the university in alfalfa trials, report a much better yield on those portions of the plots on which limestone was spread.

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AUGUST, 1926

"CO-OP" INSTITUTE A REAL SUCCESS

Congratulations are due officers and managers of the American Institute of Co-operation, the second annual session of which was held at University Farm. During the four weeks 575 co-operators from 32 states and nine foreign countries participated in the exercises, as against 364 registered at the first session last year at Philadelphia.

The presence of William M. Jardine, secretary of agriculture, the third week of the session added to the general interest and attendance. The third week was also featured by the attendance of C. L. Christensen, chief of the new division of co-operative marketing, who outlined the research program proposed by his department.

Already several universities and agricultural colleges have made overtures for the location of the Institute in 1927. Invitations have been received from the Michigan Agricultural College, Northwestern University, Stanford University, and the University of California. California's invitation is backed, it is said, by virtually every important co-operative organization in that state.

To develop leadership and perfect practices for co-operatives were major motives for the formation of the Institute. Those who watched the proceedings feel that real progress was made in these directions at the University Farm session.

LOOK FOR THE PROJECT CATALOG

In September the county agents will receive a catalog of the specific projects upon which the specialists will work the coming year. This will follow the plan used last year in bringing to the attention of the agents and to others concerned the specific phase plans of work that will be developed by the specialists.

We would like to have the agents thoroughly familiar with all the sub-projects and develop constantly more effective methods of using the specialists to the best advantage. We would like to receive suggestions as to better method of scheduling specialists and of the kind of publicity that we can assist in developing that will make their services more valuable.

HAY INVENTORY ADVISABLE

In view of the hay shortage and the probable increase in price that will be demanded for hay shipped into the state, it would be well for the county agents to make an inventory of resources of their county from the standpoint of either surplus or scarcity of tame hay. Buyers from other states are looking into the situation in Minnesota and it would seem best that we conserve our own supply so far as possible and be prepared to answer inquiries of buyers as to where hay may be purchased. A special extension folder containing suggestions that farmers have made for meeting the hay shortage has been prepared and will be distributed to county agents, bankers, elevators, newspapers and other agencies.

JUNIORS TO SHINE AT MINNESOTA STATE FAIR

More than 1,100 club boys and girls of Minnesota will give demonstrations or take some other part at the coming State Fair. More than \$26,000 has been appropriated for prizes, special premiums, medals, pennants, traveling expenses, maintenance and pay rolls of helpers for the juniors and their enterprises at the fair. Among the outstanding features this year there will be—

Picnic supper at University Farm Tuesday evening.

Club parade in front of grand stand Wednesday evening.

Annual banquet by the Minneapolis Civic and Commerce association Thursday evening.

Daily club paper (new last year).

A county agricultural exhibit (Benton county) assembled and arranged entirely by juniors.

Leadership training conference in charge of R. A. Turner of the United States Department of Agriculture.

Scholarships in the School or College of Agriculture offered for the first time as prizes in addition to scores of free trips to exhibitions and short courses.

Two style shows given by 90 girls wearing dresses fashioned by their own hands. (Boy' and girls' club building).

Muffin baking contest Friday forenoon for bread and cake club girls scoring the most points in demonstrations through the week, with \$100 school or college scholarship offered by the Royal Baking Powder company as the prize.

Judging contests for bread and garment making club members.

Demonstration of balanced canned meals and family budgets by members of advanced canning club teams.

Crowning of king and queen of health by Governor Theodore Christianson.

Eighty-five counties represented by junior club boys in annual farm camp.

More than 200 dairy calves from 75 counties.

Eighty-five pure bred gilt pigs from 60 counties.

One hundred fifty boys and girls in livestock judging contests.

One hundred breadmakers from about 60 counties, 50 sewing club girls from as many counties and canning teams from 48 counties.

Numerous poultry, dairy demonstration, garden, corn, alfalfa, and potato project teams.

Alfalfa Can't Stand Everything

Winter killing of alfalfa, sweet clover, and red clover has been traced in nearly all cases, says Agent M. C. Hansen of Waseca, to the use of alfalfa fields for fall pasture until freezing time and to the cutting of the third crop of hay. These practices left the plants without winter protection and weakened the root systems.

ST. LOUIS ONLY COUNTY TO HOLD PLAY INSTITUTE

St. Louis county still holds the distinction of being the only county in the nation that conducts an annual recreation institute. The institute was held this year at Boy Scout camp at Island Lake near Hibbing on July 10, 11, and 12.

Each club represented gave reports of their progress with their recreational program the past year. Dramatics and community singing took the lead, as nearly every leader mentioned these activities. Mouth organ and ukelele bands are starting out bravely in several communities.

Stunt night at camp was most delightful and showed great development in the past year, according to Mr. Batchelor.

There were three one-act plays in the contest, one of which was written and produced by the community group. Everyone present took part in the stunts which preceded the big camp fire.

At the banquet Mr. Batchelor said that the community singing was the best he had heard in his 20 years of recreation work.

Much credit is due to Miss Anna Tikkanen for her foresight and vision in organizing and developing this work throughout the years.

Oshkosh, Wisconsin, plans to hold a recreational institute next year for rural community leaders the same as in St. Louis county.

SCOTT COUNTY'S F. B.

PICNIC SETS HIGH MARK

The county-wide farmers' picnic and Independence day celebration at Shakopee, Scott county, set a mark which may not be surpassed in Minnesota in a long time. The event was promoted by the farm bureau and farmers' clubs in observance of the 75th anniversary of the first farm settlements in Scott and the founding of Shakopee and the 150th anniversary of the Declaration of Independence. Co-operating with the farmers and the extension people were the business men of Shakopee and citizens of all urban centers.

Various estimates placed the attendance between 12,000 and 14,000. More than 3,000 automobiles were parked on the grounds. Miss Elizabeth Ries, mayor of Shakopee, gave the address of welcome, and Joseph J. Moriarity read the Declaration of Independence in an impressive manner. The address of the day was delivered by F. W. Murphy of Wheaton.

Band concerts, trap shooting and horseshoe throwing contests, running races for all ages of both sexes, nail driving, pie eating, hog and chicken calling, not to mention a potato peeling race for bachelors, with prizes of merchandise for the winners, kept the interest at high point all through the day. It was the biggest, most gladsome old hurrah that the county has ever enjoyed, and a large share of the credit for it should go to County Agent John Sheay, says John E. Casey, editor of the Jordan Independent.

Redwood county juniors have a club of ten members, with several more yet to join, and a leadership project organization of seventeen.

BREADMAKERS WHO WILL DEMONSTRATE AT FAIR

Below may be found the names of 4-H club girls who have won free trips to the 1926 State Fair by their good work in making bread and cake. Members of advanced clubs were required to make 75 pounds of bread, six bakings of quick breads, keep records and write a story of club achievements. Choice of demonstration teams and individuals was by competition in the four districts:

Northwest

Advanced Bread—Bertha Strande and Marion Thompson, Fergus Falls Ottertail county.

Champion Bread Team—Lorna and Ruth Griffen, Hallock, Kittson county.

Class A Bread—Ruth Lokken and Mildred Knutson, Ulen, Clay county.

Class B Bread—Iris and Esther Gibbons, Crookston, Polk county.

Cake Team—Esther and Harriet Peterson, Lancaster, Kittson county.

Champion Cake Girl—Lenore Reidberger, Hawley, Clay county.

Northeast

Advanced Bread—Marjorie and Eleanor Smith, Buhl, St. Louis county.

Class A Bread—First, Evelyn Robins and Dorothy Vannet, Coleraine, Itasca county; second, Ruth Sipola and Edna Isomaki, Gilbert, St. Louis county.

Class B Bread—Elna Isaacson and Angela Sampson, Makinen, St. Louis county.

Cake Team—Ruth Holliday and Mildred Stenswick, Two Harbors, Lake county.

Champion Cake Girl—Dorothy Erickson, Buhl, St. Louis county.

Central

Advanced Bread—Lillian Gatz and Phyllis Bohr, Waconia, Carver county.

Class A Bread—First, Lillian Kelly and Merriam Nelson, Mound, Hennepin county; second, Esther Cates and Vera Thomas, Farmington, Dakota county.

Class B Bread—Blanche Palmer and Helen Randall, Excelsior, Hennepin county.

Cake Team—Beatrice Beckman and Della Triehl, Jordan, Scott county.

Champion Cake Girl—Marion Chladek, Mound, Hennepin county.

Southern

Advanced Bread—Marie Dregner and Aurelia Childs, Owatonna, Steele county.

Class A Bread—First, Georgia Rose and Otha Ziebell, Winona, Winona county; second, Virginia Childs and Mildred Bennett, Owatonna, Steele county.

Class B Bread—Ruth Neitge and Evelyn Uppstrom, Mankato, Blue Earth county.

Cake Team—Lucille Ihlan and Elizabeth Hyde, Pipestone, Pipestone county.

Champion Cake Girl—Ruth Utley, Preston, Fillmore county.

Health Teams

Champion health teams, members of which also won free trips to the fair, were chosen in three of the districts, as follows: Northwest, Beatrice Stempf and Grace Deach, Glyndon, Clay county; northeast, Hazel and Flora Farmer, Forsyth, Koochiching county; southern, Agnes Moravec and Betty Bezance, Winona, Winona county.

Contests Open to Minnesotans

Two national canning contests organized by the Hazel-Atlas Glass company are open to junior canning club members in Minnesota. The first is for the best individual jar of fruits, vegetables or meats and the second is for the best 4-H girls' club canning exhibit of not less than 12 and not more than 24 jars. Prizes range from \$6 down in the first for each of the three classes and from \$50 down to \$10 in the second. Products should be packed in either pint or quart Atlas E-Z seal or Atlas Good Luck jars. Club leaders will give full information.

DOBBIN TOO SLOW FOR THIS BIG PICNIC PARTY

Only three horse-drawn vehicles could be found at the fifth annual farm bureau picnic in Winona county as against 1,540 automobiles counted at 3 p.m., says Agent J. B. McNulty. An unusual feature was a county wide contest for fiddlers and jiggers, the champion competing with the champions for Houston and Fillmore counties. A male chorus of about 25 voices, a girls' trio, and a girls' ukelele quartet from Fillmore county provided more music. Samuel Thompson, president of the American Farm Bureau Federation, and Mrs. A. R. Armstrong of the home and community committee of the state farm bureau, were the principal speakers. Fifteen farm bureau units were represented by two farmers each in a horse-shoe throwing contest, and for the first time such a contest was arranged for six teams from cities and villages. Baseball and kittenball games included a match between Guernsey and Holstein dairy farmers. It was a great day for everybody.

L. V. WILSON, DAIRY SPECIALIST, RESIGNS

News of the resignation of L. V. Wilson, dairy specialist with the agricultural extension service, will be received with sincere regret by dairymen and many other friends and acquaintances over the state. Mr. Wilson has been with the division since October, 1919, and has been very successful in promoting better dairying practices in Minnesota. His work with the university has attracted wide and favorable attention, and he has now resigned to become manager for G. N. Dayton of the famous Longyear farm near Excelsior, Lake Minnetonka. The change will be made August 15.

MISS REGAN RESIGNS; WILL ENTER COLLEGE

Miss Ethel Regan has resigned as home agent in Watonwan county where she has been the last three and a half years. The splendid club work as well as the home project work that Miss Regan has done will make her loss keenly felt. She will go to her home at Mora August 16 for the first real vacation she has had since entering extension work. Then in the fall she plans on returning to college.

Leighton Coming Back

Ramer Leighton of Stockton, Winona county, will return soon to University Farm headquarters to renew his work as field man for the cow testing association section. He has been signed up for six months to assist Messrs. Hanson and Geddes. All his friends here and out over the state will be glad to hear of his return.

Geddes a Benedict

Ranks of the bachelors of the extension division have been reduced one-third by the marriage on June 29 of C. C. Geddes and Miss Helen Lovejoy of Hastings. The newlyweds are now at home at 1366 Raymond avenue, St. Paul. The best wishes of a large circle of friends have been extended them.

DYNAMOMETER TO BE USED AT SIX FAIRS

Six fair associations have contracted with the university for the use of its dynamometer, a machine which accurately registers the pulling power of horses. But for conflict in dates the machine would be used by several other fair associations.

Horse pulling contests will be held at the Fillmore county fair August 26 and 27, at the White Bear fair August 28, at the Olmsted county fair at Rochester August 31 and September 1, at Pipestone September 14 and 15, and at Luverne September 17 and 18. The dynamometer will also be operated at the Minnesota State Fair September 4 to 11. The management of the fairs will provide a cash prize of \$200 or merchandise worth a minimum of \$200 for the team pulling the heaviest load.

Fairs in Minnesota have the following classes for pulling contests for 1926: Light class, division 1, pairs of horses weighing under 2,600 pounds; division 2, pairs of horses weighing over 2,600 pounds but under 3,000 pounds; heavy class, pairs of horses or mules weighing 3,000 pounds or over.

Objects of horse pulling contests are to demonstrate the value of types, soundness and proper breeding in the selection of horses or mules intended for long and arduous draft work; to ascertain and to demonstrate the proper method of training and conditioning horses and mules for long and severe draft work; to encourage horsemanship in fitting harness and driving; to demonstrate the maximum pulling capacity of the horse and mule. The dynamometer also serves as a wholesome entertainment for the person who loves the horse and likes to see it in action.

The present world champion pulling team is owned by Clarence Bugh of Cherokee, Iowa. Cap and King, composing the team, exerted a tractive pull of 3,475 pounds on the dynamometer. This pull is said to be equivalent to pulling nine 14-inch plows in ordinary stubble a distance of 27.5 feet. The record has held since October, 1925.

MICHIGAN GRADUATE SUCCEEDS MISS BENDER

Miss Edna Alice Brown is the new assistant county club agent for St. Louis county, succeeding Miss Edna Bender who resigned to take up similar work as assistant state club leader in Kansas. Miss Brown is a graduate of the home economics department of Michigan State College. She was a former club girl, taught rural schools and was county club leader in Alger county, Michigan, for two summers. She comes highly recommended by national and state club leaders.

Club Cannery Busy

Members of the 4-H Canning Club for St. Louis county are under training by Miss Brown, the new assistant county club agent, and their local leaders for the county canning demonstration contest to be held at Pike lake August 19 in connection with the merchants and farmers picnic. The winning team will be given a free trip to the State Fair to represent St. Louis county in the state canning contest. Each club member must can 50 jars, the minimum requirement of the project.

HOW "CO-OP" CREAMERY BUILDS UP DAIRYING

County Agent Paul A. Johnson of Rice county believes that nearly every co-operative creamery might well follow the example set by patrons of the Dover co-operative plant who every year sponsor a dairy calf show. More than 50 purebred and grade dairy calves, from six different breeds, were entered in the 1926 show.

About a dozen calves were exhibited at the first show back in 1915, of which the agent gives some interesting history. That show was held in the yards of Forrest Henry, prominent for many years in agricultural work. A. B. Rayburn, then official tester for the first cow testing association organized in Olmsted county, was a committeeman in charge. The late W. A. McKerrow did the judging, and H. H. Kildee, then at the head of the dairy division at University Farm, was the speaker of the day.

"The annual calf show, cow testing association work, and dairy meetings and schools have contributed to the tremendous increase in dairying in the Dover community," says Agent Johnson. "The farm bureau has its strongest local units in that community. Meetings are held once a month to inculcate the best principles in dairying and other farm enterprises."

MILLINERY SPECIALIST TO JOIN STAFF SEPT. 1

Miss Eves E. Whitfield will join the state home demonstration staff September first as millinery specialist. Miss Whitfield is a graduate of the Iowa Agricultural College and has had home demonstration experience in both Iowa and South Dakota. The millinery project will only be open to those groups which have carried both Clothing I and Clothing II.

Army Worm Attack Broken Up

Army worms which made a frontal attack on field crops in Blue Earth county were routed by the county agent and farmers who dug trenches around the infested area and spread poison bait in the excavations. Millions of the worms were poisoned in the trenches, says the agent. A representative of the state entomologist was summoned, but after going over the situation carefully reported that everything was being done that could be done.

Good Results from Phosphate

Trials with phosphate have given good results in Renville county, says Agent E. N. Johnson. Barley so treated gained six inches in height and was otherwise much advanced over the common run of fields. The alfalfa stand was greatly improved and flax showed material benefit when phosphate was applied, says the agent.

Second Bid Takes Wool Crop

Rejecting the first lot of bids and calling for new ones, wool growers in Brown county sold their product for 35 cents a pound flat. More than 20,000 pounds were disposed of. All sheep in the county were sheared by professionals brought into the county from the west.

HONORS AWARDED TO SEWING CLUB GIRLS

Garment making demonstration teams—two Class A, two Class B, and one room furnishing team from each of the four districts—have been selected for the annual competition at the State Fair. Besides these team trips each county having an enrollment of 15 garment club members is entitled to a free trip for its most efficient member. Following are the winners by districts:

Northwest

Class A—Lucille Johnson and Marion Peterson, Warren, Marshall county; Marie Rohner and Ivy Tungseth, Hawley, Clay county.

Class B—Mabel and Eunice Hexum, Carlisle, Ottertail county; Dorothy Warner and Eva Rako, Carr Lake, Beltrami county.

Room Furnishing—Mildred Hutchins and Ethel Bernath, St. Vincent, Kittson county.

Northeast

Class A—Mary Buborich and Irene Aani, Buhl, St. Louis county; Jannet King and Elsie Bunnell, Coleraine, Itasca county.

Class B—Ethel Malloy and Hilma Matson, Finlayson, Pine county; Edna Knopf and Leona Zaske, Backus, Cass county.

Room Furnishing—Jessie Porter and Ruth Harding, Coleraine, Itasca county.
Champion Thrift Exhibit—Louise Fox, Coleraine, Itasca county.

Central

Class A—Anna Waldhouser and Ruth Baumgart, South St. Paul, Dakota county; Frances Beckman and Helen Messerer, Jordan, Scott county.

Class B—Verna Richards and Vivian Temple, Wheaton, Traverse county; Helen Schuller and Eleanor Schroeder, District 23, Hennepin county.

Room Furnishing—Blanche Peterson and Helen Daley, Chisago City, Chisago county.
Champion Thrift Exhibition—Viola Schuller, Wheaton, Traverse county.

Southern

Class A—Shirley Young and Joy Trapp, Dodge Center, Dodge county; Athelene Scheid and Marjorie Perrizo, Delavan, Faribault county.

Class B—Helen and Vivian Van Deer, Alden, Freeborn county; Gertrude Carr and Eloise Drew, Jasper, Pipestone county.

Room Furnishing—Ada Todnem and Florence Nelson, Marshall county.
Champion Thrift Exhibit—Margery Hanson, Lansing, Mower county.

Green Bug Damage Heavy in Meeker

When Dyer of Meeker made up his report for June about 1,000 acres of grain, which had been ruined by the green bug, had been plowed up and replanted to feed crops. The damage was especially heavy, he says, in fields that had suffered from spring frosts. The loss to farmers of northern Meeker county is particularly heavy.

WHITE STAKES KEPT A FARMER EXPLAINING

The corn yield plots established by university extension men and farmers on a main road in Watonwan county are receiving much attention. So many inquiries were made regarding the white stakes which mark the plots that the farmer, on whose land the experiments are being made, had to put up a sign in self defense to inform the people what it was all about. Some 108 plots arranged in a single series extend nearly a quarter of a mile. Each plot is marked with a white stake.

LEADERS SPUR POULTRY WORK IN BLUE EARTH

Leaders in the Blue Earth county poultry project co-operated to make a record of better than 100 per cent in their advanced project. While 29 groups carried on the beginning project, 31 communities are sending focal leaders to meetings in the advanced project. In order that these new groups might be eligible to take the advanced project, leaders from other communities gave them the work covered in the first project. The enrollment for the county is 481 as compared with 500 in the first project.

AITKIN HAS IMPORTANT PEAT LAND PROJECT

What County Agent Jacobs of Aitkin says is one of the largest and most efficient peat development projects in Minnesota is getting into full swing on 12,000 acres of high lime Aitkin county peat land owned by George S. Carson of Iowa City, Iowa. Mr. Carson has established a 12-acre fertilizer trial station under the county agent's direction to test the fertilizer needs for crop production over a period of several years. He has also established a peat trial drainage project in co-operation with Prof. H. G. Roe of the agricultural engineering division of the university.

For Better Seeds and Crops

Marked interest by farmers is being taken in the better seed project in Watonwan county, says Agent Lloyd E. Hudson. The crop improvement and demonstration work has certainly had wonderful effect, he says. Before starting this work last year only three Watonwan county farmers were members of the Minnesota Crop Improvement association. This year the county will have about 50 members, according to the agent.

Scott to Eradicate "TB"

"TB" eradication work was started in Scott county on July 12. A Carver county farmer who failed to test four head of stock which he had in a Scott county pasture was arrested at the instance of the Livestock Sanitary Board and paid a fine of \$25 and costs.

Will Crush Own Limestone

Several farmer groups have been organized in Houston county to get out limestone and crush it in a portable machine which was recently bought by one of the farmers. It is estimated that a saving of one-half the cost of imported limestone can be made in this manner.

Dairymen Organize

The Tri-County Guernsey Breeders' association has been organized by Guernsey-owning farmers of Le Sueur, Rice, and Scott counties. A. L. Carver of Faribault was chosen president.

236 of 881 Birds Tubercular

Five flocks of poultry in Cottonwood county were recently tested for tuberculosis by Dr. Billings and Agent Charles Matthews. Of 881 birds under test, 236 were found to be tubercular.