



MINNESOTA EXTENSION SERVICE NEWS

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University's Turkey Project Going Strong

It may sound a little like counting chickens before they are hatched, but poultry men of the Minnesota Experiment Station forecast a production of a million and a half of turkeys at a conservative estimate as a result of the co-operation of 800 men and women with the station in growing turkeys this season by what is known as the artificial plan.

Under this plan turkeys are hatched in incubators and kept in brooders for a time without any mother hen. Their lives are spent in close confinement—in yards four feet wide and 40 feet long.

Blackhead is a deadly disease of turkeys. Chickens are known to be carriers of the parasites or germs of this disease, hence a cardinal principle of the plan is that the turkeys must be kept apart from the chickens and also brought up on ground that has not been infected by chicken flocks. This method has been successful for the last two or three years at University Farm. Deaths from blackhead and other diseases have been merely nominal.

Summarizing some of the results for 1926, which confirm those obtained the year before, A. C. Smith, chief of the poultry division at University Farm, says that in one lot of 33 turkeys 29 mature birds were marketed in the fall at an average weight of more than 12 pounds each. The net return per bird was \$3 over the feed cost of 7.8 cents per pound. These poult were hatched May 20, 1926, and records were kept of them until their sale in November.

Thirty-five turkeys in another group of 36 which were hatched as late as July and therefore did not get as good a start as those hatched earlier, weighed a little more than seven pounds each when marketed in the fall. They netted \$1.70 a bird over the feed costs.

In some of the groups or lots there were no losses at all. To test still further the theory that blackhead is spread by chickens, the university men removed a flock of chickens from their house and grounds and turned the premises over to 13 young turkeys. Within a month 11 of the birds had succumbed.

The task of putting this plan into practical use on the average farm has been undertaken by Dr. W. A. Billings, extension veterinarian.

Less Wheat, More Flax

Less wheat seeding than originally planned and more flax, because of the late spring, is reported in Brown county. Much low lying land has been sown to millet and buckwheat. The acreage of oats will be reduced.

More Enthusiasm in Club Work

Club work is going forward in Waseca county under an increased head of steam, according to the agent.

OUTSTANDING FEATURES OF CLUB SHORT COURSE

Features of the annual 4-H club short course at University Farm June 6 to 10 are given below. The state leaders forecast an attendance of approximately 1,000 boys and girls, 800 of whom will have free transportation. Three hundred of these will also have their maintenance expenses paid by The Journal of Minneapolis, the Russell Miller Milling company, the Minnesota Livestock Breeders' association, the American Sugar Beet company, The Farmer, and business men of various counties:

Schools for poultry project members and for rope work.

Leadership training school for adult and junior leaders.

Annual meeting of the State Boys' and Girls' 4-H Club association.

Regular class room work and study in club projects every forenoon.

First regular evening entertainment in the auditorium Monday evening, June 6.

First excursion to points of interest in and around the Twin Cities Monday afternoon.

T. L. Bewick, state club leader in Wisconsin, to speak at leadership conference June 7 to 8.

Preliminary livestock judging by 150 boys for places on state teams at the International Livestock Exposition and the National Dairy Show.

Contest in advanced breadmaking by teams from counties of the central district to select a team for the final contest at the State Fair and Northwest Dairy Exposition.

Any 4-H club boy or girl in Minnesota, from 12 to 21 years old, and students of the home economics and agricultural departments of consolidated, graded, or high schools may register for the course.

Reduced railroad rates for all who come. Eight hundred or more will have part of their expenses paid by livestock organizations, railroad companies, newspapers, farm papers, county fair associations, service clubs, business men, and 4-H club organizations.

Picnic lunch on the campus Wednesday evening, June 8, to take the place of the annual banquet in dining hall because there is no hall at the farm large enough to accommodate the club youngsters and their friends. The usual banquet program will be presented in the auditorium after the picnic.

1927 Has the Earmarks of Big Alfalfa Year

When the new alfalfa seedings are finished this year Brown county will have 4,000 acres of that legume, says the county agent. The county extension office working in co-operation with the farmers' elevator company disposed of more than 42,000 pounds of legume seed this spring. Some 20,000 pounds of the total was alfalfa seed. Before 1930 is here the agent believes that Brown county will have an average of eight acres of alfalfa to the farm.

Fillmore county farmers have been attending alfalfa-lime meetings and otherwise preparing to increase their acreage. Five limestone pulverizers are under operation. A total of approximately 1,500 tons of lime have already been distributed.

Down in Rock county the farm bureau has handled through its seed exchange 7,800 pounds of alfalfa seed and 19,900 pounds of sweet clover seed. Farmers' elevators and seed stores also report heavy sales of these seeds. Big increase in the alfalfa acreage foreseen.

Returns from the alfalfa campaign questionnaire in Pennington county already show an increase of 1,200 acres, according to the agent. An alfalfa committee has been organized by farmers to assist the agent in carrying on the campaign.

"The project is going over in fine shape," writes Werner of Morrison county. "More than 6,000 pounds of alfalfa have been ordered through the county agent's office and I have talked with many farmers who have ordered elsewhere. I feel sure that 10,000 pounds of alfalfa seed will be planted in Morrison county this year."

The Scott county farm bureau has distributed 11,316 pounds of alfalfa seed. The demand for sweet clover, medium red clover, and alsike has also been heavy. Four carloads of limestone for use on acid soils have been brought in. Inoculation has been secured for every farmer ordering alfalfa and sweet clover through the farm bureau.

The Waseca county agent forecasts an increase of 2,000 acres of alfalfa in 1927. Sales of seed of various legumes have been larger than ever before.

In Carlton county, says the agent, the outlook is for 300 to 400 acres of new alfalfa seeding this season. Some difficulty has been experienced in getting lime.

The Olmsted county agent reports that many hundreds of acres of alfalfa are being sown on farms where alfalfa has not been grown before.

When he prepared his April report for Freeborn county, Agent Willis Lawson said that nearly 400 farmers had requested inoculating bacteria for alfalfa. Seed houses in the county report a much heavier sale than usual of alfalfa, with a large proportion of it the best Grimm stock.

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POKEGAMA'S FINE EXAMPLE

Definite plans to reach definite goals have been made for the third year by the Pokegama township farm bureau unit in Pine county. Every February at their annual meeting the members of the 25 to 30 families composing the unit review the achievements of the past year and appoint a committee to lay out a tentative program for the coming year. This committee reports and a program is adopted at the March meeting.

Work in five definite farm projects is being pushed this year. The alfalfa and purebred sire campaigns are being continued; experiments are being conducted by means of a fertilizer plot for corn and in the growing of Velvet barley; three trench silos will be built and poultry houses remodeled, and records on six flocks will be kept and a caponizing demonstration held. The home projects are for more home gardens, a review of former projects, and one home meeting. The junior projects call for the organization of canning, sheep, calf, and pig clubs.

Meetings are held once a month for the presentation and discussion of timely subjects such as home gardens, county exhibits, selection of seed corn, poultry keeping, etc. All subjects and a committee of men and women for each meeting are selected early each year. The full program for the year, listing the projects, dates of the monthly meetings, names of officers, chairmen, and committeemen, the annual picnic, auto tour, and special meetings, is then printed in a neat and handy pocket folder.

As might be expected, this plan of formulating definite goals and sticking to them until the goals have been reached has commended itself to other communities. In Pine county the Windemere farm bureau unit, the Keene unit near Clervton, and the Lone Pine unit near Hinckley have organized along the same general lines developed by the Pokegama unit. Also in Scott, Itasca, Goodhue, and other counties the idea has gained definite ground and is still spreading. County agents are in close touch with these organizations and co-operate with them in every way possible.

300 to Study Better Family Feeding

Eighteen groups organized for nutrition project work in Roseau county have enrolled 300 members, according to the agent.

WINONA COUNTY BOYS KNOW THEIR ALFALFA

Henry Niemeyer, club boy of Homer, placed first in the second year's contest in the alfalfa project carried on by County Agent McNulty of Winona county. Second place was won on points by Gerhardt H. Beilke of Lewiston, and third place by Walter Huebner of Winona. Each boy will receive a cash prize of \$6 and railroad fare to and from the junior short course at University Farm June 6 to 10. The Rotarians and the Kiwanians are furnishing the cash and paying the freight.

Uniformity of stand, freedom from weeds, vigor of growth, management, keeping of records, and writing of a story on "How I Grew My Alfalfa," were the factors considered in scoring the alfalfa plots. The rules of the project required each member to grow at least a half acre and up to two acres if he desired. Each had to make a study of costs, which ranged from \$7 in the case of young Niemeyer, the winner, who had a half acre plot and who was at no expense for limestone or inoculation, to \$61.30 in the case of another member who grew two acres and had to pay for everything.

In his story the winner says he plowed the land about May 1 and harrowed it six times to make a fine smooth seed bed. Then, having inoculated with culture which he had obtained from the United States Department of Agriculture, he sowed seven and one-half pounds of seed on the half acre without a nurse crop. That was August 2 and six days later the alfalfa shoots were up above ground. By the last of September there was a fine even stand four inches in height. When he pulled a representative plant this spring he found all the roots well covered with nodules and a well developed main root.

It All Helps

The Wehaben 4-H club of Grant county and the Willing Workers' club of Grandview township, Lyon county, have set a fine example by forwarding their checks to the club headquarters for \$7.50 and \$5 respectively to help defray the expenses of the state's four club delegates to the National Camp at Washington, D.C.

Pigs Grunt Approval

Hansen of Waseca says that many farmers have adopted the McLean county system of hog sanitation. Old contaminated yards have been abandoned and the pigs given the run of new clean land.

Flower Exchange Good for Neighborhood Spirit

The fifth Annual Flower Exchange put on by the people in the vicinity of St. Francis, Anoka county, was held on April 19 with 35 to 40 persons present. About 200 to 300 specimens of plants bulbs, flower seeds, roots of raspberries, currants, gooseberries, and other garden plants were exchanged. A few articles left over were given to the grade children for use in their home gardens.

This is an interesting enterprise that has been developed at St. Francis. A few years ago the ordinary neighborhood plan of exchanging plants and bulbs had grown in goodly degree, but it was noticed that many a housewife was called upon to leave her regular work and dig up a particular plant for an inquiring neighbor. Finally some one advanced the bright idea that everybody do this together. It was from this suggestion that the Annual Flower Exchange was developed.

On a certain date set in advance everyone digs up all the roots or plants that can be spared and takes them to the exchange. Each has thus a little booth and operates it the same as though it contained something for sale. Each person present takes whatever he wants. There is no charge and every item is given gladly to whoever wants it. There is, of course, a friendly rivalry to get some favorite bulb or plant, but it is all in good nature and by the time the session is over, practically everything has been selected by someone. There is no definite organization, no dues, no charges of any kind; by general agreement the exchange is held each year.

One of the moving spirits in the exchange is Mrs. Carl L. Wickstrom, of Anoka, Route 1. Mrs. Wickstrom reports that at the first exchange held five years ago there were eight persons present and that the attendance has steadily grown. Everything for the farm garden, whether flowers, fruits or vegetables, whether bulbs or seeds or roots that any one may have for exchange is taken in gladly. The project has resulted in a fine neighborhood spirit and has been the means of placing many flowers and other plants in gardens that would otherwise have been without them. In addition to the plants, the people make a practice of saving up magazines, bulletins, or other literature which have to do with flowers or bulbs, and these are exchanged or loaned or passed around.

14 COUNTIES ENGAGE CLUB LEADERS

Part time county club leaders to assist county agents have been appointed in 14 Minnesota counties, with prospects that others will be added to the list soon. Some of these leaders began work April 1 and all will be hustling for boys' and girls' club work until the middle of September. County club leaders are usually nominated by the home extension folks and then appointed on approval of the state leader and his staff. Appointments so far made are:

Freeborn, Alton Hanson.
Blue Earth, Christian Arnold.
Winona, Mrs. Barnes.
Goodhue, Myrtle Bang.
Redwood, Cora Lau.
Lyon, Harry Rose.
Watonwan, Katherine Woodhall.

Scott, Adelia Feldten.
Washington, Orvie Anderson
Pine, Evelyn Bergman.
Aitkin, Marion Zeese.
Lincoln, Louise Hinckley.
Ramsey, Laura M. Rogalla.
Fillmore, Ruth Utley

FARMERS KEEN TO SEE BIG TEAMS IN ACTION

H. G. Zavoral, who assisted Lafe Young of the Horse Association of America in putting on the first demonstrations of big team hitches, reports an average attendance of 41 farmers on 13 demonstrations in 10 counties. Mr. Young expressed surprise and gratification because so many attended in this busy season on the farms. The last of the demonstrations for May were given in Meeker, Stevens, Traverse, Wilkin, and Ottertail counties, with W. E. Morris assisting Mr. Young.

The second series of demonstrations will open Wednesday, June 15, at the Northwest station at Crookston. Others are scheduled, as follows: June 16 and 17, Kittson county; June 21, Mower county; June 22, Dodge county; June 23, University Farm, St. Paul; June 24, Dakota county; June 25, Scott county; June 28, Olmsted county; June 29, Fillmore county; June 30, Winona county.

Four, five, six, and eight horse hitches and occasionally the ten horse hitch are demonstrated. Three different ways of hitching the four horse team are shown; five, six, and eight horse teams are shown in two different ways.

Colleges of agriculture in seven mid-west states are co-operating with the Horse Association of America in giving these demonstrations. Big horse teams can be used on the average-sized farm to great advantage, says Mr. Young. All the horses up to twelve can be used together, no matter what the size of the farm may be. With this system in operation on a farm employing two men and eight horses, one man can keep the horses busy in the field, with the second man absolutely free to carry on other farm work at the same time.

Twelve-horse teams have been used in plowing, disking, and cultivating by Washington and Oregon farmers for 20 years or more. When the "combine" is used to harvest and thresh the crop at one operation, 18 to 22 horses are hitched together and furnish the power.

BOY BREADMAKER WINS AGAIN IN HOME COUNTY

Joseph Milos of Biwabik, boy breadmaker extraordinary, again led all Class B breadmakers in St. Louis county and will again appear in the State Fair competition for state honors. He was also first in the individual cake demonstration in his county. For three years in succession Joe has won the championship of Class B bread work in St. Louis county. With high hopes last year of winning the state championship, he was put out of the running by a broken arm. Even at that he went at it one-handed and placed fourth in the demonstrations at the State Fair with a score of 94.23 points, only six-tenths of a point below first place. Joe made a cake a day for the nine members of the Milos family, three of whom had to have dinner pails filled regularly. Also he was accustomed to turn out every week two or three batches of bread, with 8 to 15 loaves in each.

Seed Corn to Spare

Tests made it perfectly clear that Rock county farmers had more than enough good seed corn to go round, says Agent C. G. Gaylord.

WOMEN CLUB AGENTS BEGIN JUDGING WORK



Edna Brown

Miss Laura Gerber, graduate of the Minnesota College of Agriculture and member of the faculty of the Northwest School at Crookston, will assist state club agents in judging the work of junior girls in breadmaking and sewing projects. Her field will be the northern part of the state, including both the northwest and northeast districts.

Miss Mildred Schenck, state club agent, will act as judge in the southern district of the state, and Miss Edna Brown, formerly assistant club leader in St. Louis county, but now a member of the club staff at University Farm, will do the home economics judging in the central district.

Achievement days are now in full swing in counties organized for club work. Results in the various districts will be known August 15.

MINNESOTANS GOING TO BIG POULTRY CONGRESS

Minnesota will be represented for the first time at the World's Poultry Congress when it is held at Ottawa, Canada, July 27 to August 4. The congress will be held under the auspices of the Canadian government and at least 40 countries of the world will participate. An attendance of between 5,000 and 6,000 is predicted. Dr. C. P. Fitch of University Farm is the only Minnesotan on the program. He is down for an address on the subject, "The Agglutination Test as Applied in the Control of Bacillary White Diarrhea." A. C. Smith, chief of the poultry division of the university, and Miss Cora E. Cooke, poultry specialist of the extension division, will also attend the congress. Among the exhibits, it is said, will be birds from the farms of King George V of Great Britain, King Alfred of Belgium, and King Alfonso of Spain.

Junior Dairymen to Camp at National

Four-H dairy club members from the various states will live in a camp while attending the National Dairy Show at Memphis, Tennessee, October 15 to 22. A camp population of 300 is forecast. Sight seeing and recreational programs are being planned and club members will have judging demonstrations, showman, and cattle exhibition contests. Tennessee club members and leaders will be hosts to those from other states.

Real Test for Gopher Oats

Gopher oats are on trial in Koochiching county. A thousand bushels of this early maturing and high yielding variety were shipped in for seed purposes.

Tidy Sum in Premiums

Scott county swine growers have realized \$1,481.28 to date from the ten cents premium per hundred weight paid by the packers for hogs from accredited livestock areas.

FIVE MINNESOTANS AT MADISON CONFERENCE

Director F. W. Peck and four specialists, Messrs. Donovan, Searles, and Hanson and Miss Cora Cooke, attended the regional conference for dairy and poultry specialists at the Wisconsin College of Agriculture at Madison, May 10 to 13.

Of the 13 states entitled to representation, all but Kansas were represented. Newest developments in the feeding and management of the farm dairy herd and flock, as well as the established ideas common to these fields, were discussed from the standpoint of the extension specialists. Some short cut methods in cow testing were demonstrated. The 13 states constituting this group were reported to have 68 per cent of all the cow testing associations in the United States. Furthermore, it was said, that 52 per cent of the eggs produced in the United States are produced in the 13 states in question.

The Minnesota specialists took leading parts in subject matter discussions. Mr. Peck attended the meeting of the directors and was toastmaster at the banquet program of addresses and stunts. The second day of the conference was spent on the road between Madison and Fort Atkinson and in the latter place where visits were made to the office of Hoard's Dairyman and to dairy manufacturing plants.

Several representatives of the national extension service at Washington, including Dr. C. B. Smith and George E. Farrell, contributed to the interest and success of the conference.

OYSTER SHELL SCALE HATES LIME SULPHUR

The oyster shell scale, a sucking insect which lives on the sap of fruit trees, has been leaving its mark on apple orchards in Winona county, says Agent J. B. McNulty. The scale is little, but oh, my! When in large numbers, with their little pumps working overtime, the damage may become so severe that the trees eventually will die.

A. G. Ruggles of University Farm, state entomologist, says that lime sulphur, either wet or dry, is very effective against the scale if used at the right time. If liquid lime sulphur is used it should be diluted at the rate of one part to eight parts of water; if the dry material is used it should be diluted at the rate of 15 pounds to 50 gallons of water.

These solutions, which are known as dormant sprays, should have been applied when the buds were getting ready to burst. However, other springs are coming and the scale should get what it has coming.

JUNE 27, PHALEN PARK, PICNIC DAY AND PLACE

The annual picnic of the extension family will be held Monday, June 27, at Phalen Park, St. Paul. Members of the extension division, including county agents and home demonstration agents, are cordially invited to be present. Phalen Park is well equipped with recreational facilities; there is plenty of room for all the games that the division people will care to stage. Committees from the home office will look after the preliminary preparations.

NOT A MAN MISSING AT DISTRICT CONFERENCES

Every agent was present this year at the four district conferences of extension workers, held at Rochester, Marshall, Duluth, and Fergus Falls, April 26 to May 6.

The two-day conference at each point was devoted to a consideration of subject matter topics. Cow testing as a definite county agent project, farm management plans for 1927, the Master Farmer contest, boys' and girls' club work, new legislation affecting extension work, status of work in the various counties, the pyrotol situation, were discussed at all conferences. In addition, at the two southern Minnesota conferences, H. G. Zavoral led a discussion on swine projects; at Duluth, Fred Vibert discussed the new legislation affecting forestry and delinquent taxes; at Fergus Falls and Duluth there was a discussion on the Agricultural Credit Corporation.

The conference was characterized throughout by a helpful discussion of matters common to the counties represented, and with a rather small group of workers present at each, all interested in about the same problems, it was possible to accomplish definite results in a short time. On the topics discussed, the agents carried home with them a clearer outline of the problems before them and the methods of attack.

Saving Time in Meal Preparation

Two women who carried on home demonstrations in meal preparation found that time could be saved by a better arrangement of kitchen working centers. One saved 15 minutes by moving her work table near the stove and another five minutes by moving the cabinet nearer the pantry. A third saved seven minutes by the use of a home made kitchen service cart. All agreed that many steps were saved by the new arrangement and that the study was worth while. These women were members of home management groups conducted through the co-operation of local leaders in Lincoln county and a specialist from the state extension office.

Miss Newton Honored

Miss Julia O. Newton, Minnesota's leader of home demonstration work, was recently complimented by election to the presidency of the Minnesota Home Economics association at its annual business meeting held at University Farm. Other officers elected were: Vice president, Miss Agnes Larson of the St. Paul public schools; secretary, Miss Katherine Knowles of the Bryant junior high school, Minneapolis; treasurer, Miss Iva I. Sell of the University Farm home economics faculty.

Erickson in Nebraska

T. A. Erickson, the state club leader, is at Lincoln, Nebraska. He is in charge of the leaders' training school which is being held in connection with the boys' and girls' annual state short course for Nebraska.

J. M. Drew Convalescing

After more than three months of sickness, with his condition several times very critical, J. M. Drew is slowly recovering his health and strength. Mrs. Drew is also much improved in health.

MANY SUMMER CAMPS SCHEDULED THIS YEAR

More than the usual number of counties will hold summer club camps this year if the schedule which follows is carried out in full. Specialists and state club agents will be assigned to the different camps. The schedule is subject to revision and several more dates will yet be announced:

Lyon county, June 13 to 15; Traverse county, June 16 to 18; Wilkin county, June 16 to 18; Redwood county, June 16 to 18; West Ottertail county, June 16 to 18; East Ottertail county, June 20 to 22; Bigstone county, June 20 to 22; Olmsted, Goodhue, Dakota, and Wabasha counties at Lake City, June 23 to 25; Kandiyohi county, June 23 to 25; Pipestone and Lincoln counties, June 30 to July 2; Yellow Medicine and Lac qui Parle counties, June 30 to July 2; St. Louis county, July 5 to 10; Pope county, July 14 to 16; Houston county, July 20 to 22; Cass county, July 11 to 14; Le Sueur and Nicollet counties, July 13 to 15.

Methods to Be Tested and Compared

Which gives the best results—seed grain treated with copper carbonate or formaldehyde? Several farmers in eastern Ottertail want to know, so they planted seed given the dust treatment and other seed sprinkled or sprayed with formaldehyde in their fields where a comparison can be made at threshing time as to freedom from smuts and extent of yields.

Potato Growers Fight Diseases

Thousands of bushels of seed potatoes were given the hot formaldehyde treatment before planting in eastern Ottertail county. Treating stations were established at seven principal shipping points. Exhaust steam was furnished by creameries. Dealers put out circulars and editors gave much free publicity. Formaldehyde was bought in quantity lots to cut costs. Many seed potato treating centers were also designated in Carlton and Pine counties. Usually the trench method of heating the water was practiced in Carlton. The total cost of treatment ranged from three to five cents a bushel.

198 Crookston Pupils Join Clubs

The local parent-teacher association co-operated with the extension people in organizing the boys and girls of the fifth, sixth, seventh, eighth, and ninth grades at Crookston into garden, home beautification, garment, and breadmaking clubs. Agent G. U. Kappel reports an enrolment of 198.

How Winona County Boosts

Business men of Winona, St. Charles, and Lewiston and the county fair association will give 20 free trips to Winona county club boys and girls to the junior short course at University Farm. Clubs in Hennepin, Steele, and other counties are raising funds to send representatives to the course and the annual meeting of the State Boys' and Girls' 4-H Club association.

Emergency Silos Declared Success

Werner of Morrison declares that all the stack and trench silos in his territory—and there were a goodly number of them—gave good satisfaction and will be used for economy's sake the coming winter and perhaps longer.

WONDERFUL CREATIONS FROM OLD MATERIALS

The summary meetings of the millinery project were held in Pipestone county May 6 and 7 by Miss Eves E. Whitfield, extension specialist in millinery. Plans were laid for a check-up day for local leaders and group members for early summer.

The hats worn to these summary meetings by the leaders, who had in each case planned and made her hat, were most interesting. Mrs. Scarbeck from the Fountain Prairie community of the Pipestone local leader group has set the record in the state for the greatest saving and making the least expensive hat. An old shape in a good state of preservation was altered and used as the foundation. Renovated milliners' satin, from a large black hat long out of date, was used for the covering material. A piece of very old sequin banding that had served on a third hat was cleaned and used for trimming. The local leaders observed Mrs. Scarbeck's hat when worn and agreed upon \$10 as the store value of such a hat purchased locally. The second greatest saving was made on a hat made from all new material. The material cost \$3.29, the estimated saving being \$7.21.

The average retail value of 15 hats was placed at \$8.13, made at an average cost of \$2.24, or an average saving of \$5.89, and a total saving of \$88.37.

Form Pool for Fruit Planting

Many of the new fruits developed by the horticulturists of the university have been planted this spring in Ottertail county. Forty farmers formed a pool and bought several thousand Latham raspberries and improved strawberries, also many hundreds of hardy and improved varieties of plums, apples, and cherries. If the stock thrives more will be purchased another season.

Winter Killing Checked by Phosphate

Farmers of Pennington county have been buying acid phosphate by the carload for use principally on thin spots in alfalfa fields. It was noticed that in 1925 and 1926 fields given an application of phosphate survived severe cold weather, while patches of alfalfa not so treated succumbed.

Getting the Phosphate Habit

More general use is being made of phosphate fertilizer on Brown county soils this year than ever before, says Agent E. C. Lenzmeier. Use of phosphate was recommended for experimental plots, but some farmers have purchased as much as 4,000 pounds of it for use in their fields.

Clearwater Stepping Out

Clearwater county is doing things this spring. It has organized its first cow testing association and has also formed a new county-wide poultry organization which will hold its first show next fall.

Geddes Junior Arrives

The youngest member of the extension family, a boy, is to be found in the family of Charles E. Geddes. The youngster has been here about ten days and gives every indication he plans to remain. Extension friends of the happy parents extend congratulations.