



# MINNESOTA EXTENSION SERVICE NEWS

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No. 1

## Seed Parley Called At University Farm

A state-wide seed conference, backed by the agricultural extension service, the State Crop Improvement association, and the recently organized Seed Dealers' association, will be held at University Farm October 10.

While the conference will be open to all persons interested in the seed and weed situation, the United States Department of Agriculture, the Minnesota Farm Bureau, the State Department of Agriculture, the state bankers' and implement dealers' associations, farmer elevator companies, the farm crops division of the university, and other organizations will be invited to co-operate in this movement for the production and use of better seeds by sending delegates who will take an active part in working out plans for the campaign that is to follow.

Policies and objectives are to be considered at the forenoon session. A program of short addresses and the organization of the Minnesota Seed Council, composed of a member from each of the groups, will feature the afternoon.

## SECOND HOME AGENT FOR ST. LOUIS COUNTY

First of Minnesota counties to take advantage of additional funds for extension work provided by the Capper-Ketcham bill, recently passed by congress, the big county of St. Louis on October 1 placed a second home demonstration agent in the field in the person of Hellen Gillette, who was born on a Montana ranch and received training at the Great Falls high school, the University of Montana, the Michigan Agricultural College, and in summer school at the University of Minnesota.

Miss Gillette taught for several years in rural and high schools in Montana, and for a time was a home demonstration agent in Arkansas. For the last seven years she has been with the American Red Cross either as a nutrition specialist or field representative.

In number of county agents, home agents, and county club leaders—two of each—St. Louis leads.

## Judges Selected for Junior Show

Judges have already been named for the next major 4-H club event—the eleventh annual Minnesota Junior Livestock Show to be held at South St. Paul November 12, 13, 14, and 15. The baby beeves will be judged by W. L. Blizzard, chief of the animal husbandry department of the Oklahoma Agricultural College; the sheep by Dean W. C. Coffey and Phil A. Anderson; the swine by E. F. Ferrin, and the poultry by A. C. Smith and Miss Clara Sutter of The Farmer. H. G. Zavoral is the general manager of the show.

## Extension Project Exhibits Excel Last Year's

County project exhibits, started as an experiment at the 1927 Minnesota State Fair, attained a high standard at the outset, but the judges gave much higher awards to the four counties showing this type of exhibit at the 1928 fair. On the basis of a 1,000 point score card the winnings in 1928 are as follows:

Cottonwood county, phosphate fertilizer, 911 points.

Pennington county, the turkey project, 909 points.

Itasca county, potato improvement, 866 points.

Wadena county, weed control, 835 points.

The ratings for 1927 averaged 809½ points; for 1928 they averaged 880¼.

The exhibits were made by the same counties both years except that Martin county, the first prize winner in 1927, did not return and its place was taken by Itasca county. These project exhibits for both years have taught many valuable lessons in relation to important farm enterprises in Minnesota.

Cottonwood county, with County Agent Charles Matthews in charge of the exhibit, made a spectacular rise, going from fourth place in 1927 to first in 1928. In teaching the value of phosphate fertilizer, a project was selected that has application throughout the entire southwestern section of Minnesota as well as the west central and Red river valley sections.

An appropriate caption for the booth was "Use Phosphate—It Pays on Many Farms," which is in line with the teachings of the soils division of the university. Two special features were used to attract attention. One was a skeleton of a 1,000 pound steer against a dark background, with an accompanying chart indicating that the bones of a steer of such weight contain at least 90 pounds of 20 per cent phosphate and that in selling livestock from the farm it will pay to restore it by using phosphate fertilizer.

A second feature consisted of an electric train, a depot, a farmstead, highway, and trucks, illustrating the removal of phosphate from the farm in grain and livestock sold and the return of phosphate to the farm. Charts on one side of the booth explained the extent of removal of phosphate from the farm by the various crops and classes of livestock. Below were five trays each containing one of the forms of phosphate fertilizer, which spectators were at liberty to handle.

The opposite side of the booth featured the success of the project with farmers in every township using phosphate, or a total of 160 trials in 1928. The distribution increased from 40 trials in 1925 to the use of 7,500 pounds in 1926, to 30,000 pounds in 1927, and 131,000 pounds in 1928.

The value of phosphate fertilizer on individual farms was shown by photographs and charts. On one farm the net profit amounted to \$11.80 per acre on alfalfa; on another \$6.18 per acre on red clover; and on a third \$3.10 on corn.

falfa; on another \$6.18 per acre on red clover; and on a third \$3.10 on corn.

## Pennington County Steps Along

Pennington county, as in 1927, brought a real worth while message in its exhibit, moved up from third to second place, and increased its score 115 points over last year, besides winning first as the most attractive, best decorated and best arranged booth. The exhibit which was in charge of County Agent R. M. Douglass, featured the turkey project which Dr. W. A. Billings, extension veterinarian, has so effectively sold throughout the country.

Just as science and exploration have determined that the world is round, it has been proven that turkeys return major profits when they do not roam the countryside.

Several special features were used in the Pennington exhibit to attract attention. A moving electric sign was constantly broadcasting this message: "Pennington county knows how to raise turkeys. Step up and find out how we do it. We control disease and grow them bigger and better. Come over and see how easy it is done."

The back wall of the booth was a painting of turkey dreams as they come true in Pennington county. A farm woman is shown caring for her turkey flock and beyond them she sees some of the household conveniences the turkey crop will yield—the vacuum cleaner, the electric iron, the new sewing machine, running water, the kitchen sink, the bath tub, the cream separator, the radio and the like. A manikin stands at one side of the booth and constantly nods approval of the important information set forth.

The heart of the Pennington county exhibit was a representation of the turkey yard layout and its relation to the remainder of the farmstead. A comparison by charts was made of the results reported by 50 Pennington county breeders:

	Using the Plan	Not Using the Plan
1. Average size of flock...	175	33
2. Average weight (lbs.) Thanksgiving .....	17	12
3. Average cost per pound to raise .....	7c	14c
4. Average mortality .....	8%	42%

To raise turkeys successfully the exhibit emphasized these points:

1. Confine breeding stock away from chickens.
2. Hatch in incubator.
3. Raise in brooder house six to eight weeks.
4. Rotate in rearing pens some distance from the house until marketed.

## Itasca and Wadena Score High

Though Itasca and Wadena counties came into the contest late in the season both put up splendid exhibits. The Itasca booth, in charge of County Agent

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## MINNESOTA EXTENSION SERVICE NEWS

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OCTOBER, 1928

### ANOTHER MILESTONE PASSED

The house organ of the extension service enters upon its eighth year with this issue. It was established in October, 1921, the year that Dean W. C. Coffey came to the University's Department of Agriculture and F. W. Peck became director of extension activities. A lot of water has passed under the bridge in the meantime; extension work has grown and prospered along with other university activities.

Extension Service News can be strengthened if members of the staff, at headquarters or in the field, will contribute facts and suggestions that may be of help to someone and therefore worth while. There ought to be so many contributions of this nature that it would be a matter of selection by the editor and survival of the material best suited to the paper and the service it represents.

News—personal, departmental, and otherwise—is emphasized because we are all interested in what the other fellow is doing and because such items tend to keep us in closer contact and bind us into a more compact organization. When new projects are launched, we hasten to give the facts. When a good piece of work has been done we tell about it partly for the inspiration and incentive that may spring from it. Our name is News, therefore let's be newsy.

The News can be made a clearing house for constructive ideas, which will increase the amount of work we are doing and improve its quality, if extension workers will more generally sense the obligation that rests upon them and report practices and achievements that will be helpful all along the line.

### TO HELP POULTRY RAISERS

The Farmer, agricultural paper of St. Paul, announces a special educational campaign to be carried on through its columns the coming fall and winter, the purpose of which is to assist farm poultry raisers to make their operations more profitable. It cites the fact that the average egg production per hen the country over is six dozen eggs per year and that this production returns the owner but 40 cents a year over feed cost.

The Farmer holds out the possibility of increasing production of the average flock to 12 dozen eggs per hen per year, and says this production will return the owner \$2 over feed cost. This increase may be accomplished, the announcement says, by rigidly culling out poor producers, by better feeding and by providing housing facilities that will permit of winter laying.

This campaign is to take the form of a complete course of lessons to be published in The Farmer. The course will cover culling, feeding, breeding, housing, equipment and sanitation. The lessons will be prepared by A. C. Smith, chief of the poultry division of the Minnesota College of Agriculture, and J. G. Halpin, who occupies a similar position with the Wisconsin College of Agriculture.

## PROJECT EXHIBITS EXCEL LAST YEAR'S

(Continued from Page 1, Col. 3)

A. H. Frick, emphasized standardization, control of diseases and insects, and grading of the potato crop.

Attention was attracted to this booth by a series of potato cartoons showing how pestiferous are the several diseases and insects. At the end of the series the advice was given, "Let Us Spray."

A significant feature of the Itasca exhibit was a presentation of ten years' results on the potato improvement program in the county. Formerly the county grew many varieties, but now only three, principally, Green Mountain, Russet, and Triumph. Formerly diseases were common. Treating was irregular and potatoes were poorly graded. At present 25 per cent of the growers treat regularly, 25 per cent have seed plots and hill select, 75 per cent rotate their fields, 90 per cent of the potatoes marketed are graded and inspected, and 25 per cent more net returns are secured from quality stock.

The booth was appropriately embellished with an exhibit of quality potatoes from Itasca county, particularly the three varieties commonly grown in the county.

The Wadena county exhibit demonstrated how weeds can be controlled without loss of a crop. County Agent A. W. Jacob, in charge, featured effectively a project difficult to show. The county commissioners and the farm bureau board of Wadena county have co-operated in arousing public sentiment in the county for weed control. They have assisted the county agent in meetings and demonstrations and aided town officers in working for weed control.

The exhibit was more than a demonstration of weed control. It taught important principles of farm management. An eight year crop rotation which controls weeds was the center of attraction. This was represented on a revolving device which brought into view some very fine Wadena county scenes featuring the eight year crop rotation as follows: grain, alfalfa (three years), cultivated crop, grain, sweet clover, and cultivated crop.

The exhibit not only emphasized rotation, but also the growing of more alfalfa, sweet clover, sheep and cattle, proper tillage, sodding the roadsides, in fact all that enters into good farming and good farm practice.

Farming is a business that engages the interest and attention of the entire farm family. This fundamental fact was reflected in the preparation of the county project exhibits. In every case the gifted wife of the county agent assisted in setting up the exhibit.

Several counties have already made plans for county project exhibits for the 1929 State Fair. It is expected they will make application to exhibit at an earlier date and designate the undertaking as a part of the year's program of work.

### Mrs. Erkel Succeeds Miss Terrill

Mrs. Agnes Erkel, home demonstration agent in Blue Earth county the last three years, resigned at the close of August to take the position of urban agent of Ramsey county, succeeding Miss Alice Terrill who was forced to retire on account of poor health. Both have made fine records in the service.

## Club Camp and Fair; Big Week for Juniors

Fillmore county's club camp was held this year in connection with the county fair because many of the boys and girls could not attend both if held separately and because some parents felt that club members did not have enough to do at the fair to keep them out of mischief. According to all reports the innovation proved a great success. One hundred juniors were quartered in the camp, and about 150 more who attended the camp lived with relatives and friends in Preston and vicinity. The town hall was used for sleeping quarters for the boys, and the schoolhouse for classes and sleeping quarters for the girls. Board was to be had at a church dining hall on the fair grounds for one dollar a day.

Classes were held, judging contests staged, demonstrations featured, a stunt program presented, a picnic held, and a fine parade put on in front of the grandstand. In fact, there was something doing all the time; everybody was kept busy and well entertained. The livestock show of the juniors was something to be proud of, and their canning club exhibit consisting of 81 entries was the largest ever known at this fair and probably one of the largest in the state.

The county agent and club leader were assisted by a staff of club people in conducting the class work and chaperoning the various groups.

### Poultry Specialist Coming November 1

Frederick B. Hutt writes from the University of Edinburgh, Scotland, where he has been studying for a doctor's degree, that he will arrive at University Farm the last of October to begin his work with the extension and poultry divisions. After spending two weeks in visits to research institutions in Sweden and Germany, he plans to sail for Montreal and to stop at his old home in Canada before coming on to this station.

### Smut Losses Cut by Treating

To treat or not to treat, that's the question with a good many farmers. Victor Delage of Gently, Polk county, treated part of his seed oats and planted them where they could be contrasted with oats from seed which received no treatment. County Agent Aamodt says it was estimated that the untreated area had about ten times as much smut as the treated part of the field.

### Donovan and Dixon Talk Things Over

H. M. Dixon, a farm management specialist of the United States Department of Agriculture, visited the Minnesota station several days recently to confer with R. L. Donovan.

### Prospective Master Farmers Visited

Dean W. C. Coffey, Director F. W. Peck, and Dan A. Wallace of The Farmer spent three days last week visiting with candidates for Master Farmer awards and looking over their farms.

### Caverts Move In at Ithaca

In a note to the News, W. L. Cavert reports a pleasant trip by auto to Cornell University and says the Cavert family has taken up its abode for the year's leave at 516 University avenue, Ithaca, N. Y.

## Four-H Club Juniors Score New Triumphs at Fair and Farm

All space in the News would be needed to tell even half the story of the achievements of 4-H club members at the 1928 State Fair and Northwest Livestock Show. Exhibits of the juniors were to be found in eight different places. Three dormitories were occupied, bringing the number of club centers up to eleven.

Forty-three agricultural teams, or 25 per cent more than a year ago, gave demonstrations. There were 15 dairy teams and 11 poultry teams. In the home economics field there were 48 canning teams, 16 bread, the same number of garment teams, and 118 bread club members, among them several boys, who competed as individuals.

The colt club show and the purebred ewe lamb exhibit were new this year. Both proved so successful that they will be made permanent features of club work at the fair. On the other hand, the bee club exhibit will be discontinued another year because of waning interest.

Boys and girls from 83 of the 87 counties of the state, a grand total of 215 exhibitors as compared with 187 in 1927, exhibited a calf, yearling or two-year-old in the junior dairy show. Quality as well as numbers distinguished this show. Earl J. Cooper, field secretary of the National Holstein Friesian association, said that the three top animals in the purebred yearling Holstein class would surpass anything in that class to be seen at the National Dairy Show.

### Nicollet County Boy First

Elmer Johnson of Nicollet county was hailed as the grand champion dairy calf club member, and will show his animal at the Dairy Cattle Congress at Waterloo and the National Dairy Show at Memphis. The breed champions were: Holstein, Wellington Schroeder of Beltrami; Guernsey, Ellen Hardy of Meeker; Jersey, Jessena Taylor of Washington; Brown Swiss, Eugene Friton of Brown; Ayrshire, Leonard Radman of Dakota.

Twenty-seven boys and girls were selected to take part in the dairy calf showmanship contest. First prize was won by Johnnie Meyer of Norman county, and second prize by Jessena Taylor.

With his Chester White gilt fitted and trained to the "nth" degree, Kenneth Smith, "veteran" club boy of Winona county, not only won the championship among club exhibitors but took first place in the pig showing contest. The reserve championship was won by Roger Anderson of Houston county, who exhibited a Poland China gilt. Second place in the showmanship contest was awarded Roy Pettinger of Faribault county. Breed champions were: Poland China, Roger Anderson of Houston; Duroc Jersey, John Cheney of Marshall; Chester White, Kenneth Smith of Winona; Yorkshire, Russel Hanson of Dakota; Hampshire, Ted Schaikoski of Lincoln; Spotted Poland China, Clifford Schaeffer of Murray. Gilts of six breeds, for a total of 65, were entered.

### Two New Shows

Arthur Raine of Marshall, Lyon county, was adjudged champion exhibitor of the colt club show. His prize is a free trip to the National Club Congress and International Livestock Exposition in Chicago. Other winners

were Wallace Perkins, Nobles county, second; Herbert Sundem, Rock county, third; James Tate, Lyon county, fourth; Gordon Lammers, Le Sueur county, fifth, and Stanley Campbell, Winona, sixth. The Minnesota Horse Breeders' association financed the show.

Twenty-three juniors, each with a purebred ewe lamb and each representing one county, took part in the first sheep club exhibit of 4-H members at the fair. Janet McFarlane of Douglas county was named grand champion. Breed champions were: Shropshire, Janet McFarlane; Southdown, Bernard Hein, Chippewa county; Hampshire, Ronald Hand, Norman county.

Marcus Teeter, Jr., of Martin county, famous among juniors as a corn grower, added to his laurels by winning the grand sweepstakes for having the best ten ears in the corn club show. He had the best white dent and his brother Earle exhibited the best yellow dent. Howard Ludwig of Clay county had the best entry of "any other variety."

Frank Beyruether of Aitkin county was awarded the grand championship of the potato show and was champion exhibitor of late varieties. Frank was champion potato club member in 1927. Floyd Flint of Kittson county was acclaimed champion of early variety exhibitors. Winners in the classes were: Early Ohio, Floyd Flint; Bliss Triumph, Roy Burt of Itasca; Irish Cobbler, Eric Bloom of St. Louis; Rural, B. C. Richter of Wadena; Green Mountain, Frank Beyruether; Russet Burbank, George Pajari of East Ottertail.

### First Among Winners

Juniors winning free trips by their good work in livestock judging and project demonstrating were:

General livestock judging team, to International Livestock Exposition at Chicago—Ellsworth Brady of Jackson county, Robert Jacobs of Sherburne county, Joseph Thorin of Rock county, and Raymond Buckholder of Renville county.

Dairy cattle judging team, to National Dairy Show at Memphis—Clara Neist of Freeborn county, Raymond Lawrence of Nobles county, Warner Nettleton of Wi-

nona county, and Fred Norberg of Carlton county.

Dairy demonstration team, to National Dairy Show at Memphis—Carl Nelson and Melvin Haugland, both of Houston county.

Canning, best of 48 teams competing, to National 4-H Club Congress at Chicago as guests of the Kerr Glass company—Ruth Burmeister and Wenonah Henthorn, both of Winona county.

Other awards, announced by T. A. Erickson, state club leader, the last day of the fair, were:

Grand champion breadmaker—Myrtle Rogness of Mower county.

Breadmaking—Advanced, Orelle and Muriel Merkel, Brown county; Class A, Carlene Rose and Mildred Kolouner, Winona county; Class B, Annie Pederson and Edith Johnson, Hubbard county.

Champion individual breadmakers—Class A, Cecelia Mattson, Carlton county; Class B, Joseph Milos, St. Louis county.

Bread judging—Class A, Carlene Rose, Winona county, first; Class B, Carl Hempstead, Houston county, first.

Champion cake team—Coral Hemmingson and Avis Jensen, Kittson county.

Best individual cakemaker—Laura May Dawson, Dakota county.

Garment making—Class A, Marie Tonheim and Adelaide Pajari, St. Louis county; Class B, Isabel Zuehlsdorff and Emma Schroeder, West Ottertail county.

Garment judging—Class A, Ada Myrlie, Rock county, first; Class B, Evelyn Liane, Waseca county, first.

Canning judging—Elener Mathison, Fillmore county.

Forestry—Helmer Olson and Arthur Anderson, St. Louis county.

Garden—Mary and Margaret Moonan, Waseca county.

Home beautification—Catherine Head and Doris Hill, Freeborn county.

Potato—Royal MacKaman and Frank Beyruether, Aitkin county.

Swine—Roy Pettinger and Jesse Poole, Faribault county.

Baby beef—Thelmer Lien and Lloyd Ellsworth, Rock county.

Poultry—Ben Dysart and Alfred Forsman, Itasca county.

The grand champion breadmaker will be a guest of the Russell Miller Milling company at the National 4-H Club Congress in Chicago, or she may accept a \$75 scholarship in the Minnesota College of Agriculture. The Itasca county poultry team was awarded the grand championship in livestock work.

The eight booths in the club building

(Continued to Page 4, Col. 2)



This is the band that Churchill organized—the Houston County 4-H Club Band which led the Houston county delegation which won first honors, with about 1,000 juniors in the line, in the club parade before the grandstand at the State Fair. The band played for the juniors encamped at University Farm and proved a stellar attraction during fair week. County Agent Lyle Churchill, organizer and leader, is standing in the center of the picture.

## GOOD RESULTS FROM POULTRY SANITATION

Poultry keepers of Rock county who are giving sanitation a trial are well pleased with the results, according to the August report of Agent C. G. Gaylord. One man who has 600 White Leghorns cleaned his brooder houses with hot lye water and built a board platform on the outside where the chicks could promenade and get the benefit of sunlight. When they were old enough to range, the birds were moved to houses in alfalfa fields and bluegrass meadows away from infected yards. For his trouble and extra work this man has larger and healthier chickens than ever before.

Another farmer has been raising a flock of 300 by the sanitary way and a second flock under old methods. This has enabled him to make comparisons which are all in favor of the first flock, the birds of which are far more uniform in size and larger for their age than those of the check flock. The first was fenced in on clean ground and kept away from the old yards. The second was given the run of the infected yards, and the earlier days in the brooder were spent on contaminated ground.

### Tornado Couldn't Stop Them

Even the tornado which crashed through Austin the day before the opening of the Mower county fair could not stop or even mar the 4-H club show, says County Agent F. L. Liebenstein. The livestock classes were particularly good with 31 dairy calf entries, 12 of baby beef, 40 pigs, and 17 single lambs and four trios. Twelve of the 66 corn club members were able to find corn, after the big wind and the deluge, that made a creditable showing.

### Gopher Oats Stage Comeback

Yields of Velvet barley up to 61 bushels an acre are reported by Gaylord of Rock, who also finds that Gopher oats have come back strong this season after one poor year.

### DATES TO KEEP IN MIND

- |                |   |
|----------------|---|
| Oct. 1-7       | Dairy Cattle Congress at Waterloo, Iowa.                                      |
| Oct. 10        | State seed conference at University Farm.                                     |
| Oct. 13-20     | National Dairy Show at Memphis, Tennessee.                                    |
| Oct. 19        | Swine Feeders' Day at University Farm.  |
| Nov. 12-15     | Minnesota Junior Livestock Show at South St. Paul.                            |
| Nov. 21-26     | Annual report week for county extension agents.                               |
| Nov. 22-24     | Annual meeting of Minnesota State Horticultural Society in Minneapolis.       |
| Nov. 29-Dec. 8 | Ice cream operators' short course at University Farm.                         |
| Dec. 1-8       | International Livestock Exposition and National 4-H Club Congress at Chicago. |
| Dec. 12-14     | Annual Extension Service Conference at University Farm.                       |
| Jan. 2-Feb. 13 | Creamery operators' short course at University Farm.                          |
| Jan. 14-19     | Farmers' and Homemakers' Week Short Course at University Farm.                |
| Feb. 21-Mar. 2 | Advanced creamery operators' short course at University Farm.                 |

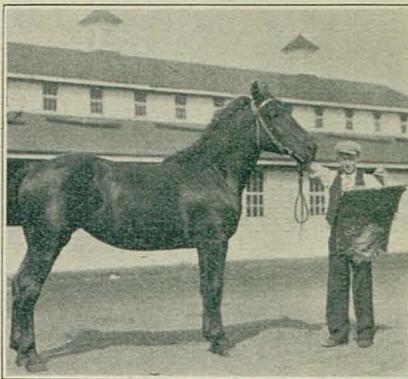
## JUNIORS SCORE NEW TRIUMPHS AT FAIR

(Continued from Page 3, Col. 3)  
were placed in the following order: Washington, Rice, West Ottertail, Ramsey, St. Louis, Le Sueur, Beltrami, and South St. Paul.

### Best Training Course Yet

The training course in leadership, held in the morning hours at University Farm, was the best of the series, says T. A. Erickson, state club leader. Singing was led by J. O. Christianson, who also told the juniors all about the schools of agriculture of the university. Dean W. C. Coffey gave an address on the value of club work. Other speakers were Director F. W. Peck, Mr. Erickson, and Georgia Rose and Frederick Welch of the "Big Four" chosen to attend the Washington camp, who described their trip going and coming, and incidents and procedure in the camp and in the daily conferences. Volunteer leaders and members also contributed to the instructional program.

The Houston County 4-H Club band of 21 pieces, directed by County Agent Lyle Churchill, made a hit on every appearance and was praised by old and



ARTHUR AND HIS CHAMPION COLT

Arthur Raine, 14-year-old club boy of Marshall, Lyon county, confesses to a real liking for horses, particularly colts. This may have had something to do with the fact that he was the champion exhibitor at the first 4-H colt club show at the State Fair. "I have always been interested in colts and I like to play and work with them in my spare times as on rainy days," he said in his story. "I have found that the grooming and brushing of a colt help it almost as much as feeding." Arthur gets a trip, the expenses of which will be paid by the Minnesota Horse Breeders' association, to the National Club Congress and the International Livestock Exposition in Chicago.

young. A quartet and a trio from Houston county helped to keep the interest at high tide. Edwin Neefs of Winona, who was winning club championships a few years ago, sang a beautiful solo. "Jim" Hartley of the Hohner Music company, Chicago, organized harmonica classes for beginners and the more experienced.

All social events and forms of entertainment for the juniors were uniformly successful. A wonderful evening was provided by business men from the Minneapolis Civic and Commerce association, who were hosts at the sixth annual dinner party for 900 or more club members. The annual picnic and stunt night program were a delight for the youngsters. About 1,000 took part in the annual parade before the grandstand. On the basis of the story told by their exhibits the Houston county delegation placed first, Fill-

## SWINE FEEDING TRIALS TO BE REPORTED OCT. 19

Animal husbandry division men announce that the sixth annual Swine Feeders' Day will be observed at University Farm Friday, October 19. Feeding experiments with four different groups of pigs will be reported at that time. The feature speaker of the day will be A. F. Sinex of Tama, Iowa, president of the National Swine Growers' association and manager of a concentration plant for Cudahy Brothers company.

### Club Work Stands Out at Fair

More than one-half of the dairy cattle exhibited at the Northern Minnesota Fair were shown and owned by 4-H club members who picked up their proportion of the premiums in the open classes. Boys and girls in the lamb and pig clubs also made a fine showing. Teams of Indian children from the Red Lake agency demonstrated sewing and breadmaking. The extension building furnished a continual program of entertainment, 17 different demonstration teams performing on the platform, says Agent M. B. Taylor.

### Revolving Fund Established

Thief River Falls' commercial club is helping to establish a revolving fund from which club boys and girls can borrow at modest interest rates for financing work in livestock. Already five of the older club members have made loans for the "down" payment on sheep. County Agent Douglass believes the fund will stimulate club work in his county.

### Zavoral at Outlook Conference

H. G. Zavoral attended the National Swine Show and the Hog Outlook Conference at Peoria, Illinois, September 12 and 13, and on his return gave an interesting report to the extension group at its regular Monday meeting. Three Minnesota swine growers had exhibits and shared in the prize money at the show.

### More Sheep for Pennington

When Douglass of Pennington prepared his report for August, 1,200 of the 1,600 western yearling ewes shipped in by the Agricultural Credit Corporation had been sold to farmers. The prospect was that all would soon be taken.

Lessons learned through the poultry project and the information spread from that fountain source have reduced the number of calls on account of poultry disorders, says Pederson of Traverse. Women taking the work seem able to doctor their flocks successfully without calling in the agent.

Club boys and girls who exhibited at the Faribault county fair walked off with \$1,148 in premiums.

more county second, and Ramsey county third, with honorable mention for West Ottertail, Brown, and Norman.

Among leaders from a distance who came to look on and study methods were G. L. Noble of Chicago, secretary of the National Club committee; Miss Josephine Arquist, Iowa state club agent in girls' work; Miss Pauline Reynolds, a North Dakota assistant club leader; Miss Grace Gary of the Montana club department, and Mrs. Dawlat Engle of the public relations department of the J. C. Penny company.