

# MINNESOTA EXTENSION SERVICE NEWS

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No. 12

## Annual Extension Meet Will Include Trip to Country Life Conference

### Russians Will Adopt Minnesota Hog System

THE sanitation system of swine production advocated in Minnesota by extension livestock specialists has attracted the notice of the Russian Soviet government which has called H. G. Zavoral, livestock specialist, to Moscow to direct the introduction of this plan on the vast farms operated by the Soviet Union. "Zav" left August 15 on a year's leave of absence, during which his work will be carried on by A. E. Engebretson, Faribault county agent.

For the benefit of any of Mr. Zavoral's friends who might like to write him, his address will be "Krustalniy Svinovad 1, Apt. 105, Moscow, Russia, U. S. S. R." We understand that Mr. Zavoral's work will pertain to swine breeding operations on about 30 different farms, the largest of which is 320,000 acres.

### VAN STORM TO FILL ENGBRETSON'S PLACE

A. E. Engebretson, Faribault county agent since May, 1927, has been granted a year's leave of absence to substitute as extension livestock specialist for Henry G. Zavoral.

Previous to engaging in county agent work, Mr. Engebretson operated a farm at Northfield, Minnesota, where he developed a herd of large Yorkshires. In addition to being a successful breeder of swine, Mr. Engebretson has carried on a strong program in swine improvement in Faribault county. He is moving to St. Paul with his family early in September.

Van M. Storm, Ames, Iowa, who has taken work at the Iowa State College, has been appointed as Mr. Engebretson's successor for the coming year. For five or six years, beginning in 1914, Mr. Storm farmed near Baker, in Clay county, Minnesota. After selling out his interest there, he spent a number of years in the southern states. Mr. Storm is related to Dr. A. V. Storm of University Farm, which fact should serve to introduce him favorably to all extension folks.

### Dr. Rodenhiser Leaves

Dr. H. A. Rodenhiser, whose work in the study of small grain smuts and in the development of rust-resistant varieties of flax, has left University Farm to become pathologist in the Office of Cereal Crops and Diseases, Washington, D. C.

### Rice Has Banner Home Demonstration Registry

WITH 39 groups, including 471 women enrolled in the Clothing I project, Rice county had the largest home demonstration enrollment in Minnesota for the year 1929-30. On top of this, Miss M. Lois Reid, clothing specialist, reports that the records turned in by 78 group leaders showed completions made by 98.4 per cent of all the members. Figures from the report of Miss Gwendolyn A. Watts, county home demonstration agent, show that 2,294 women were helped through the project, in addition to those enrolled; 598 fitted guide patterns were made; 2,402 improved practices were adopted, 5,575 garments made, and savings effected estimated at more than \$4,500.

According to Miss Reid, indications at the organization meeting in July for Clothing II were that practically all the women who completed the first project will participate in the advanced clothing work this fall and winter.

In North and South St. Louis county, the final leader training meetings were held in July and plans are being made for achievement days. The South St. Louis achievement day will be held in Duluth on Friday, October 17. North St. Louis is planning a clothing pageant to be held in Virginia on Saturday, October 18. Fillmore and Lake counties will complete the Clothing Project I with check-up days to be held in October.

### Send in Your News Items for State-Wide Use; Read Details

NEWS of county extension activities is to be given regular state-wide circulation as the result of an arrangement recently worked out between the publicity specialist and the Northwest News Bureau of the Associated Press at St. Paul.

The plan is to have every county agent and home demonstration agent send carbons of the news material which they write for local papers, to University Farm. Here the material will be looked over and marked with release dates, when necessary, and then forwarded to the Associated Press. This agency will boil down such material as it can use and furnish it to member papers located in the Twin Cities and other points throughout the state.

This new outlet for extension news should result in wider recognition for extension work and added prestige for local agents. It can receive a fair trial only if every agent will immediately and regularly furnish the carbons of their material. Beyond a bit of additional office routine, no extra work is entailed.

All agents not already co-operating are urged to begin at once and to mail promptly copies of all items, even though they appear to be of only local interest. To facilitate delivery, address Harold Harris, University Farm.

By F. W. PECK, Director

THE annual meeting this year comes earlier than usual by approximately two months. The reason for the change, which will probably be only for this year, was occasioned by the holding of the American Country Life Conference

### STANFORD FOOTBALL GAME

Extension folks who wish to attend the Stanford-Minnesota football game at Minneapolis, Saturday of conference week, should make reservations at once, as there are indications of a stadium sell-out. Seats are \$3 each and there is a mailing charge of 20 cents on each order of one or more tickets. Reservations with remittances may be sent to J. F. Kuehn, assistant to the director, University Farm.

at Madison, Wisconsin, the week beginning October 7. At this conference, special attention will be paid to extension projects in a number of important subjects that vitally concern farm living and so are of fundamental interest.

### Lowden, Frank To Speak

The American Country Life Conference will be featured by such national speakers as ex-Governor Lowden of Illinois, President Glenn Frank of the University of Wisconsin, Secretary Wilbur of the Department of the Interior, members of the Farm Board and others of national reputation. The general theme of the conference will be "Standards of Rural Living," with special emphasis upon extension work along this line.

Our plan is to start the annual conference at University Farm, Monday morning at 9:30 and run through until three in the afternoon on extension policies and plans, and follow with the state meetings of the county agent and county home demonstration agent associations.

The trip from University Farm to Madison and return will be made by automobile under the personal expenses of the staff members. We plan to leave Tuesday morning and return Friday evening. A special letter giving complete details is being sent to each extension worker.

Every group made up of educational workers has its meetings in which the individual is supposed to take an interest and attend at his own expense. This is the first time in a number of years that any suggestion has been made relative to an annual meeting of an educational nature for which we have

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planned that the workers should stand a portion of the expense. We believe it is wholly justified in this instance and we trust that every worker will feel a professional pride and interest in attending the conference at Madison even though it incurs the expenditure of a small amount of his or her own funds. Professional improvement is always worth the price, and in this instance it should be a matter of considerable professional and personal improvement to have the privileges of the conference and the program that will be presented.

### M. Hansen to Visit His Old Home in Denmark

MARTIN C. HANSEN, Waseca county agent, has been granted a three months' leave of absence to return to Denmark to visit his father and mother, now past 80 years of age.

Denmark, among all countries, is most notable for the splendid development of co-operation among farming people and observations made by Mr. Hansen in this field will be very valuable to him after his return to Minnesota.

Walter F. Boeke, a native of South Dakota and a graduate of the University of Minnesota in 1930, has been placed in Waseca county to substitute for Mr. Hansen during his absence abroad. Since June Mr. Boeke has been assistant agent in Rock county where he has received training under County Agent C. G. Gaylord.

### Poultry Schools Are Booked for 11 Counties

POULTRY and egg marketing schools offered in the 11 counties having home demonstration agents will be a brand new feature of home demonstration work this fall and one that is distinctly economic in character. Each school will be a one-day event, two being scheduled in each county on successive days. Miss Cora Cooke will conduct them in co-operation with the home demonstration agents.

The schools are planned for farm flock owners rather than for commercial poultry keepers. They will teach the impor-

tance of poultry and egg grading and the factors which affect the quality and market value of these products. The forenoon of each school will be devoted to a discussion on the production of top grade eggs for market. At the option of the home demonstration agent and her committee, the afternoon programs in each county will deal either with the killing and dry picking of poultry or the production of poultry for market. Enrollment each day will be limited to 40 women who sign up through the agents.

A table of meeting dates for the counties and the names of the home demonstration agents in charge follow:

County and Date	Agent
Rice, Sept. 23-24	Gwendolyn Watts
Steele, Sept. 25-26	Viola Juni Brown
30-Oct. 1	Amy Wessel
South St. Louis, Oct. 22-23	Florence Lang
North St. Louis, Oct. 24-25	Hellen Gillette
Itasca, Oct. 27-28	Artaxa Denniston
Hennepin, Oct. 30-31	Anna S. Olsen
Freeborn, Nov. 5-6	Therese Pfaender
Faribault, Nov. 7-8	Mary Jane Boyd
Lac qui Parle, Nov. 18-19	Esther Stewart
Blue Earth, Nov. 21-22	Marion Hagstrom

### Oh Well, What's a Little Age Between Relatives?

THIS is a little story showing that "blood is thicker than water" or maybe it shows something else. Anyway here it is. About a year ago, more or less, the extension clerical force acquired the services of two petite and comely misses, Margaret Westergard and Dorothy Rouse.

The girls had never met until they became associated in the extension office. Nevertheless they developed a great fondness and even decided to become relatives. Now Dorothy is Margaret's auntie, notwithstanding the fact that Margaret is six months the older. You see, the "fondness" they developed happened to attach to two young chaps by the name of Peterson, Loren and Harold. Harold, a year older than Loren, is Loren's uncle, so when Dorothy married Harold on June 21 she became, a short time later, aunt to Margaret, who married Loren on July 26.

The young folks are making their home in Minneapolis, but both auntie and niece continue with the extension force. The girls admit it seems a little strange to be related as they are with auntie younger than her niece, but then they say, "What's a little age between relatives, after all?"

### Putnam on Yellowstone Trip

Henry G. Putnam, Fillmore agent, was the only Minnesota agent to make the Yellowstone Park excursion for farm folks sponsored in June and July by the Northern Pacific railway. He reported a very fine trip. About a hundred farm folks from Minnesota and Indiana were in the party. Stops going and coming added to the attractions of the tour.

### Chase's Have Daughter

Mr. and Mrs. Clement C. Chase of Crookston announce the arrival of a daughter, Thelma Elaine, on August 9. A notation on the card attests that the young lady weighed eight pounds. Mr. Chase is the assistant agent in West Polk. Extension folks offer congratulations to the proud parents.

### Seath to 'U' Farm Job; Van Metre Is Successor

RUSSELL W. SEATH, who has done a very commendable piece of work as agent in Steele county since May, 1924, has resigned to accept employment in dairy extension at University Farm, in the organization of the Minnesota statewide cow-testing association. In this capacity he will be associated with H. R. Searles, effective September 15.

Members of the extension staff of the state, and particularly those associated with Mr. Seath in the development of his program in Steele county, will regret to see him leave county agent service but join in wishing him the best of success in his future work.

Henry J. Van Metre, farm-reared in South Dakota, a graduate of the South Dakota State College, with graduate work taken at the Iowa State College in dairy husbandry, has been elected as Mr. Seath's successor. Mr. Van Metre has been employed, since April, as the assistant agent in Jackson county.

### Sheay Will Leave Scott For Land O' Lakes Post

JOHN SHEAY, who has rendered faithful service in behalf of the county extension work in Minnesota, first in Meeker county for a year and a half, and for the past seven years in Scott county, has been employed by the Land O' Lakes Creameries in their marketing department. Mr. Sheay will leave the service in his county the latter part of September to take his new position.

Mr. Sheay, in offering his resignation, indicates that it is "with genuine, sincere regrets." He adds that "all of the extension service has certainly treated me fine, and I only wish I could have done my work better."

The best wishes of the extension service go with Mr. Sheay and his family, who are moving to St. Paul before the opening of the St. Paul schools. A successor to Mr. Sheay will be placed in the county before his departure.

### A Correction

A letter just received from A. W. Aamodt, West Polk agent, calls attention to an error in our last issue. Mr. Aamodt writes: "I noticed in the August Extension Service News that you had an article with reference to the protein content of wheat on certain previous croppings. I also note that the most important figure referring to the previous cropping of grain was left out. Our records show that wheat put into fields cropped to grain previously shows a protein content of 12.61 per cent."

### Miss McFeely to Return

Miss Alice McFeely, assistant editor of the publications division, who suffered a heart attack last spring which necessitated her taking a long rest, writes that she expects to return for work about the first of October. Miss McFeely has been staying with relatives in Lansdowne, Pa. During her absence the bulletin work has been carried on by Miss Florence Wellnitz, a regular employe of the university printing department.



### Bierbaum, Hanks Named To 4-H Training School

A FARIBAULT county boy and a Clearwater county girl will have the honor of representing Minnesota at Camp Vaile and the International 4-H Leaders' Training School this year. The event is being held at Springfield, Massachusetts, September 7 to 20, in connection with the Eastern States Exposition.

Keneth Hanks, Winnebago, and Evelyn Bierbaum are the delegates chosen from Minnesota's 40,000 4-H club members for the honor of attending this training school which is regarded as second only to a trip to the National Encampment at Washington. The school this year will bring together outstanding leaders in 4-H club work from 38 states and six provinces of Canada. These have been invited by Horace A. Moses, Massachusetts manufacturer and philanthropist, who founded the school with the object of giving advanced training to older club members who have shown special ability in leadership and who desire to continue in this work.

#### Have Outstanding Records

Miss Bierbaum has a club record covering the past six years, during which she has won many honors in home economics and leadership projects. Besides numerous trips to the state fair, Junior Short Course, and other events, Miss Bierbaum received a scholarship to the Northwest School of Agriculture at Crookston in 1928 and the following year was presented a trip to the National Club Congress at Chicago. For several years she has been junior leader of her local club at Clearwater, comprising 60 members.

Mr. Hanks took up club work in 1918 and has many outstanding honors to his credit in the pig, dairy calf, and baby beef projects. Besides several county championships, he won three state fair trips, one or more trips to the Junior Livestock Show, one to the Junior Short Course, and one to the National Club Congress at Chicago. He was the recipient of two scholarships to the School of Agriculture at University Farm, from which he was graduated last June. Included in his leadership record are several years' service to his local club as president, and he was also president of the School of Agriculture 4-H Club and the Faribault county 4-H organization for one year each. Last fall he was a member of the 4-H dairy demonstration team on the Northern Pacific dairy-poultry train. He now has nine purebred Guernsey cattle registered in his own name, according to a letter written to the state club leader.

### Fall Proves Best Time To Start Girls' Projects

SEPTEMBER first finds most of the home economics projects finished. This has been a very successful year, judging from the demonstrations at the county achievement days, the county fairs, and local contests.\*

One fact which is quite apparent is that the girls who started their work early in the fall have made a better showing on the whole than those who delayed starting until late in the year. These girls have had time to do their work well and they have studied throughout the year on their demonstrations. Some very interesting and instructive demonstrations have been worked up this past year in all phases of the home economics work.

Plan to re-organize your clubs early this year so that the work will be uniform throughout the state.—M. S.

#### Mr. Turner Visits State

R. A. Turner of the 4-H club department at Washington, D.C., visited Minnesota about the middle of August, spending the 13th and 14th at University Farm and then going on to Virginia, where he assisted Parker O. Anderson in the 4-H forestry work in St. Louis county. Mr. Turner was making a seven-weeks' trip in middle-western territory to Illinois, Ohio, Wisconsin, Michigan, and other states, including Minnesota.

#### Honors 4-H Clubs

The Murray County Agricultural Society dedicated its 1930 fair premium book to the 4-H clubs of Murray county. Four-H leaders of this county again plan to serve the annual Slayton Lions' banquet and will use the profits to assist in building a club building on the fair grounds.

#### Adult Leaders Show Spirit

About 30 local leaders and club members from Martin county attended the district achievement contest held at Sleepy Eye August 6. Several adult leaders volunteered to take county winners to the contest which necessitated a 120-mile drive.

#### Much Interest in Judging

Approximately one hundred boys and girls in Nobles county have taken part in 4-H club judging work during 1930, according to Chas. Gilbert, county agent.

Thirty-five Minnesota 4-H dairy club members will get trips to the National Dairy Show.

### Miss Frysinger Tells Progress of Home Work

MISS GRACE E. FRYINGER, home economics field agent for the central states, U. S. D. A., spent a week at University Farm in August, going over plans with Miss Julia O. Newton, state home demonstration leader.

According to Miss Frysinger, there are now about 1,352 county home demonstration agents in the entire service, about 130 state leaders and supervisors, and approximately 300 home demonstration specialists. In the 13 central states, there were about 215 home demonstration agents as of July 1. Kansas alone has 31. Out of a total of 1,175 counties in these states, 573 had some home demonstration work in 1929, either by agents or specialists. In this same year, 211 counties had agents and there were 95,000 women in project groups or 29 groups per agent. The average number of group members per agent was 454. In addition, these agents supervised the 4-H club work of 44,000 girls.

Regarding the work in Minnesota, Miss Frysinger stated that it is outstanding in the attempt to make women see what is really satisfying in home and community life; in the extent to which the work is made to reach women outside the organized groups; in the way in which the work is vitalized; and in number of practices adopted.

Miss Frysinger paid a high compliment to Miss Newton on the latter's annual plan of work which was copied and distributed to home demonstration leaders in all the other states. The plan, Miss Frysinger said, was superb for its definition of major responsibilities and its analysis of how to carry out the work, and for the excellent balance which Miss Newton had worked out between things of major and minor importance.

### Martensen Will Enter Agricultural College

S. C. MARTENSEN, who has served as assistant in dairy herd improvement association work at University Farm since October 1928, has resigned and will attend the Minnesota agricultural college this fall with the intention of completing work for a degree. Martensen was graduated from the School of Agriculture in 1922 and took a year of work at Des Moines College, Iowa. "Sig" will be missed in the cow testing department, but his friends are happy to see him furthering his education.

#### Convenes With Ag Editors

Editor W. P. Kirkwood is expected back from his vacation early in September. He and Mrs. Kirkwood left on August 8, driving to New Hampshire where their son, Sam, was acting as medical adviser for a boys' camp. At the close of the camp, Sam was to accompany his parents to Boston. Next the Kirkwoods planned to head for Washington to attend the annual convention of agricultural college editors. Stops at Philadelphia to see Miss Alice McFeely and at Waynesboro, Virginia, to visit friends made during the Kirkwoods' venture in newspaperdom were planned.

### Penn State Bears Flag Autos at Crossings

COMPARED with the kind of bears they have in Pennsylvania, Minnesota bruins are just big, uncivilized brutes. Last month Extension Service News related the sad experience of Parker Anderson whose car was run smack into by a black bear up in the north woods. From Miss Alice McFeely, assistant bulletin editor, convalescing in Lansdowne, Pa., we have received a clipping which we quote:

Honesdale, Pa., Aug. 15.—(AP)—Returning from a motor trip to New York State, Florence Dunning, superintendent here for the Gurney Elevator Co., told this story:

"I was driving along through a wooded area near Milford, Pa., when a large black bear ambled into the road a short distance ahead. As I slowed down the bear stood on its hind legs. I stopped, and the next moment a bear cub waddled across the road. As it disappeared in the underbrush the mother bear dropped to all fours and followed. As a traffic cop, she was a complete success."

We refer this matter to our livestock specialists. Perhaps they might import some of these refined, well-mannered Keystone state bruins and cross them with our coarse, "overbearing" native stock. This should effect a real improvement in Minnesota's wild game situation which we hear so much about, and at the same time make our forests safe for democracy, meaning folks who travel in flivvers.

### Portrait Mats Available For Extension Workers

DURING the past year the publicity department has been adding newspaper mats of portraits of extension folks to its service. All daily papers and many weekly newspapers now have casting boxes and can make their own cuts from these mats. Such cuts are excellent supplements to publicity when specialists or other extension workers are scheduled for local meetings. Mats for the following people are now available and may be had free on request:

Dean W. C. Coffey	Ralph F. Crim
Director F. W. Peck	George A. Nesom
Dr. Andrew Boss	Belle O. Fish
Julia O. Newton	W. L. Cavert
H. R. Searles	W. E. Morris
E. A. Hanson	W. A. Billings
R. C. Rose	D. C. Dvoracek

Another group of mats are now being made up for four or five other extension staff members.

### Attention Record Holders!

MISS INEZ HOBART, specialist in nutrition, submits a report on the attendance of leaders at the Becker training group in Sherburne county rivaling the record claimed by Miss Mary May Miller, home management specialist, for Lyon county, which was published last month. Throughout Nutrition I, Miss Hobart says, there were but three absences of Becker leaders and during Nutrition II only one. The leaders were ready for work at 9:30 a.m. each meeting during the spring and summer.

This fine record was reflected in the reports of the local groups which showed a 90 per cent attendance.

# Farm Economics

By W. L. Cavert

## U. S. D. A. PIG SURVEY REPORT, JUNE 1930

A DECREASE of about 6 per cent in the spring pig crop of 1930 from that of 1929 for the United States as a whole is shown by the June pig survey of the Department of Agriculture covering about 72,000 farms. The decrease shown in the eleven Corn Belt States was about 3 per cent; all other areas also showed decreases, these being 21 per cent in the North Atlantic, 2 per cent in the South Atlantic, 28 per cent in the South Central, and 17 per cent in the Far Western. This survey was made in co-operation with the Post Office Department through the Rural Mail carriers.

The number of sows farrowed this spring showed more of a decrease than did the number of pigs saved. For the United States as a whole the decrease in sows farrowed was about 10 per cent and for the Corn Belt the decrease was about 7 per cent. Weather during and after farrowing time was generally favorable this spring which resulted in an increase in the number of pigs saved per litter in most areas. This increase was especially large in the Corn Belt Area west of the Mississippi River where the average size of litters saved increased from 5.53 to 5.84. For the whole Corn Belt and for the United States the number of pigs saved per litter this spring was the largest shown for the spring crop in the eight years for which similar

nation-wide state surveys have been made.

The reports of the number of sows bred or to be bred for farrowing in the fall of 1930 point to but little change in the number that will farrow this fall from the number that farrowed in the fall of 1929, if the relationship between breeding intentions and subsequently reported farrowings is about as shown in the preceding three years. The report shows intended increases of 18 per cent for the United States and 15.5 per cent for the Corn Belt in sows bred to farrow this fall compared with sows farrowed in the fall of 1929. For the preceding three years, December farrowings have been below June breeding intentions on the average by about the amount of the increases in breeding intentions shown in the June survey this year.

The number of hogs over 6 months of age, including brood sows, on June 1 this year was somewhat smaller than a year ago as shown by comparing the average number reported per farm and per 100 acres of land this year with these averages of June 1 last year. For the Corn Belt this reduction amounted to about 8 per cent. If the number of sows kept for farrowing this fall is about the same as last fall, some reduction from last year in the supply of hogs for market during the four months June to September is indicated.

### RESULTS OF JUNE 1, 1930 PIG SURVEY

Periods covered: December 1 to June 1 (Spring); June 1 to December 1 (Fall)

State	Pigs saved Spring 1930 compared with Spring 1929	Sows farrowed		Sows bred (or to be bred) for Fall farrowing 1930		Gilts farrowed Spring 1930 compared with all sows farrowed	Swine over six months compared with total swine (including pigs) June 1 1930	Average number of pigs saved per litter		
		Spring 1930 compared with Spring 1929	Spring 1930 compared with Fall 1929	Compared with sows farrowed Fall 1929	Compared with swine over six months			Per cent	Per cent	Per cent
Minnesota	100.3	95.9	387.3	118.0	21.1	85.8	19.9	5.9	5.7	5.9
Iowa	101.8	96.4	377.8	116.8	15.8	79.2	25.0	5.8	5.5	5.7
Illinois	95.9	93.6	197.2	117.2	24.7	59.1	28.4	6.1	5.9	6.2
Ohio	86.2	87.5	120.9	108.9	31.9	29.6	30.9	6.6	6.7	6.5
Indiana	88.0	86.8	113.8	104.3	34.1	31.1	29.8	6.4	6.3	6.3
Nebraska	98.6	93.7	311.5	121.6	18.8	79.7	27.1	5.6	5.3	5.9
Corn Belt	97.1	92.8	241.8	115.5	22.8	66.6	27.1	5.99	5.72	6.05

### Survey Shows Roughage Situation in Counties

FOLLOWING is a report of the results of a questionnaire dealing with the roughage feed situation in counties. The report is based upon replies from 61 county agents reporting for this number of counties. Two agents failed to return the questionnaire. The following facts summarize the statement:

1. Ten counties report that it will be necessary to import roughage.
2. Twelve counties report surplus

alfalfa to send to other counties.

3. Seventeen counties report prairie or wild hay available for sending outside of the county. This number of counties, however, includes four that also have alfalfa.

4. Eleven counties report that it may be necessary to ship out livestock as a result of the drouth.

5. One county reports an actual shortage of labor, 28 counties report no surplus of labor in the harvest fields, while 32 counties report an actual surplus of men.