

# THE NORTHWEST MONTHLY



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## FIRST ANNUAL HEALTH CAMP JULY 18-AUG. 7

### Boys Gain in Health and Weight

Dr. O. E. Locken

The Northwest School of Agriculture is concluding this week one of the most interesting and valuable demonstrations it has ever attempted. Cooperating with the Polk County Health Association, for the past three weeks a health camp has been maintained for Polk county underweight boys.

Busy days have been put in by the twenty youths representing practically every community in Polk county. From the rising hour at 7:00 o'clock to bed time at 8:30, .. dressed only in trunks and shoes, they have acquired a healthy coat of tan over the entire body. There have been supervised recreation on the school campus and in the city park, swimming lessons in the municipal pool, gymnastic exercises, rest hours after the noon meal, milk lunch in morning and afternoon, and to top it all, a generous supernourishing diet under the close supervision of Miss Bede, the school dietician.

During the first two weeks these underweight boys gained a total of thirty-five pounds, or an average of two pounds apiece, but more important, they have acquired habits of health and good living which should be of value to them throughout their lives.

The camp has been under the supervision of C. S. Plank, a University of Minnesota student. The committee in direct charge were Dr. O. E. Locken, city health physician, Dr. J. K. Anderson of Sunnyrest Sanatorium, Mrs. W. R. Low, city school

nurse, Miss Anita Jarvis, sanatorium field nurse, and J. C. Kelly, secretary of the County Health Association. All expenses for the camp are paid from the Christmas Seal sale. Plans are being made to hold a similar camp for girls also next year.

### CROPS AND SOILS DAY WELL ATTENDED— NEW OFFICERS ELECTED

Crops and Soils Day at the Northwest School, July 18, was well attended, indicating the interest farmers and seed growers are taking in keeping abreast of the times in the matter of new varieties, soils problems and disease and pest control.

Speakers for the day included Professor Andrew Boss, Chief Division Agronomy and Farm Management; A. F. Crim, Extension Agronomist,

## MANY RESERVE ROOMS FOR NEW YEAR

### Fall Term at School Opens Oct. 3

A total of 190 students had reserved rooms at the Northwest School August 1 for the new year which opens October 3. This is the largest preliminary enrollment the school has ever had so early in the summer and indicates that the attendance for 1927-28 will be very good.

The enrollment indicates that there will be an increase in the number of girls who will attend. There is also

a large number of reservations from students who have completed the one or two year high school course offered in the local schools and who must now attend school a way from home.

The advanced class has an enrollment of 20. There are 61 in the senior class and 60 in the junior class. Both the senior and

junior classes will be between 70 and 80. There were 49 freshmen enrolled August 1 and it is expected that this class will number close to 125.

There will be room for all who plan to attend this fall, but it is urged that those who have not already reserved rooms should do so as soon as convenient. Early reservation of room will assure a good location in the dormitories. It will also make possible the completion of plans for classes, books, supplies, registration and questions involving the dining hall and dormitories.

W. V. Longley, formerly Kittson county agent, has been appointed director of extension and professor of farm economics in the college of agriculture at Truro, Nova Scotia.



Northwest School Orchestra

University Farm, St. Paul; Superintendent A. A. Dowell, R. S. Dunham and T. M. McCall of the Northwest School, and J. W. Evans, Montevideo, president of the Minnesota Crops Improvement association. The greater part of the afternoon was spent in inspecting the varieties and tests in the experimental plots.

At the business session of the Red River Valley Crops and Soils Association, it was announced that there are 133 members, which makes the Valley organization the largest district organization in Minnesota. The officers elected were: Ole Flaatt, Fisher, president; Arthur Norum, Hallock, vice president; R. S. Dunham, Northwest School, secretary, and S. M. Sivertson, Crookston, treasurer.

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THE UNIVERSITY OF MINNESOTA  
NORTHWEST SCHOOL OF  
AGRICULTURE

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OFFICE  
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agricultural education and home training for  
Northwestern Minnesota.

### FALL TERM OPENS OCTOBER 3

The fall term at the Northwest School opens Monday, October 3 for registration and closes December 23. The second term opens January 2 and the school year closes March 23.

This has been found to be a convenient school term for Northwestern Minnesota, and has enabled about 300 boys and girls to attend school who otherwise might not have been able to do so. Fall work in many cases makes it necessary to have the boys and girls at home at least through September. Spring work makes their assistance necessary again. Some of the conveniences of the Northwest School, therefore, are: 1. Convenient term. 2. Supervised study. 3. Wholesome school life. 4. Low school expense. 5. Opportunity to participate in a varied list of school activities.

### SUMMARY OF SCHOOL EXPENSES

So many questions are submitted each year concerning the expenses at the Northwest School that a summary for the first term, which opens October 3, is offered.

The Northwest School is a state institution and for that reason there is no tuition. Board and room are on a cost basis. Books are loaned to the students and the student privilege fee covers all entertainments for the term. The only additional expense would be for travel, personal laundry, and personal incidentals over which the school has no control.

The expenses for the first term, from October 3 through December 23 are as follows:

Entrance fee .....	\$ 5.00
Breakage deposit (returned at close of year) .....	5.00
Health fee .....	3.00
Book rent .....	1.00
Gymnasium fee .....	.25
Student privilege ticket for all functions, athletic contests, and movies .....	2.50
Board, October 3-Dec. 23, incl., at \$4 per week .....	46.20
Room rent (including flat laundry) October 3-Dec. 23, incl., at \$1.25 per week .....	14.30

Total for First Term .....

\$77.25  
The fees for supplies in various classes are as follows, and should be added to the total above in determining the complete cost for the term. Those who take carpentry, engineering, farm mechanics, sewing,

cooking, chemistry and dairying pay \$.50 for each subject. Those who take typewriting pay \$1.00 a month. The fee for blacksmithing is \$2.00. Private music lessons in voice, piano and violin are \$7.00 for three months. Piano rental is \$2.50 for three months. The total necessary school expenses are therefore only \$140 to \$150 for the full school year.

### SEMESAN DUST FOR CORN

Semesan dust, a product of the Du Pont Powder Co., has been introduced into the Valley as a treatment for corn to control rotting of seed when germinating conditions are unfavorable. In a preliminary trial for treating corn, no significant results were obtained on corn planted in the greenhouse. The treated seed germinated 45 kernels out of 50 planted. Two seeds rotted and three produced roots only. Of the untreated seeds, 45 kernels out of 49 germinated. One seed rotted, one was beginning to sprout, and two produced shoots but no roots.

In another trial both treated and untreated corn was kept water-soaked at a temperature of from 48 to 50 degrees for three weeks. They were then removed to the greenhouse. Of 50 treated seeds, 20 germinated fully, 24 rotted, and 6 produced roots only. Of 50 untreated seeds, 19 germinated fully and 31 rotted.

The seed was first class seed, well cured, and well graded. Other investigations have shown that poor seed may be benefited by treatment with Semesan when conditions for germination are poor.

### SUMMER VISITATIONS LARGELY ATTENDED

A total of 4,100 visited the Northwest School and Station from June 3 through July 23 for the special events which included visitations, camps, homecoming, and days given over to the study of crops, soils, bees, farm management and live stock. This was a larger attendance than for any previous year. In 1926 the total was 3,529.

Due to the many special days, the number of communities making tours to the school was not as large as last year, when 35 communities came. This year there were 20 communities present, with 6 cancellations due to the heavy rains in June and early July.

The special days included two one-day boys' and girls' club camps, the Women's camp, Home coming, special train from Cavalier county, North Dakota; Beekeepers, Crops and Soils, and Livestock days, Farm Management and Polk county rural school graduation.

The plan of inviting groups to visit the school began in 1922 when 400 from eight communities were present. Each year has seen an increase in the number who have come to inspect the work of the School and Station and to receive information relative to the local problems on the farm. The visitations have therefore served as one day institutes arranged in such a way

that there has been the combination of recreation and good community fellowship.

### RED RIVER VALLEY

#### POTATO TOUR

A tour of potato fields in Clay, western Polk and Mahanomen counties was arranged by Professor R. C. Rose of the Extension Division, A. G. To laas for the State Department of Agriculture and local committees in each of the sections visited. T. M. McCall of the Northwest Station assisted on the tour through Clay and Polk counties.

The outstanding things seen on the tour in Clay county on August 2nd were the fields of imported seed stock, and the seed selection work. The larger potato shipping companies have been cooperating with growers this season in introducing certified and pedigreed seed stock in an effort to improve the quality of stock as fast as possible. A car load of certified cobbles from Prince Edward Island, Canada, was distributed among growers in Clay and Polk counties. This stock showed up very well on the tour, the vine growth in every instance appeared more vigorous than local stock; the yielding qualities cannot be determined until digging time.

The seed improvement work was best demonstrated in the field of Ed. Askegaard of Comstock. Mr. Askegaard was one of the pioneers in the development of the tuber unit potato planter and has, in cooperation with the state inspector, made great progress in isolating disease free strains of the Bliss Triumph variety. Frank McCabe's field at Sabin demonstrated that new seed was not necessary for successful production if careful seed plot methods are followed each year.

Early Ohio seed from Kittson Co. showed vigorous growth and comparative freedom from disease.

Commercial fertilizing materials showed up well in vine growth on all fields visited in Clay county. In general, complete fertilizers carrying small amounts of nitrogen and potash with from twelve to sixteen per cent potash showed heavier vine growth than straight phosphate and from conditions on August 2nd will probably, with good potato prices, prove most profitable.

The things of greatest interest on the tour of western Polk county on August third, were, seed treatment trials, fertilizer tests and seed selection work. The Larkin, Kennedy and Degagne farms were visited, near East Grand Forks, where excellent demonstrations were being carried on in seed selection, seed treatment and use of commercial fertilizers. The Bygland community will long be remembered by the potato growers for the fine hospitality shown in serving dinner free to all visitors and also by the outstanding potato improvement work that is being done in the community. The Northwest Station takes pride in the accomplishments of the potato growers in the Bygland community; a large number of them are graduates of the Northwest

School. The seed plot of Ole Flaot was the outstanding field seen on the whole tour. Mr. Flaot's fields show that tuber unit and hill selection methods of seed improvement have been both practical and profitable. Various fertilizer combinations were used by both Ole Flaot and Wurden Brothers in cooperation with the Northwest Station in an effort to find the kind and amounts of fertilizing materials to use for potatoes in that section. Mr. Flaot's fields also had demonstrations of different seed treatments and spraying trials. The Wurden Bros. fields of Early Ohios and mosaic free Triumphs were outstanding on the tour, while their fields of Cobblers and other varieties were also excellent.

The tour in Polk County ended at the Northwest Station, where the seed treatment, seed selection, spraying and fertilizer plots were studied.

## FARM MANAGEMENT

### TOUR, JULY 1

The results of one year's cost of production records kept by 18 Crookston farmers cooperating with the University in a farm management route were announced Friday, July 1, at the Northwest School.

The meeting began at noon on the school campus with a picnic lunch. Andrew Boss, vice director of the Minnesota Agricultural Experiment Station and chief in Agronomy and Farm Management, discussed the results obtained and compared with the records of routes in other parts of the state. A. A. Dowell, superintendent of the Northwest School, also appeared on the program.

From the school, a tour was made to the farms of H. P. Briden and Wm. Beiswinger, both close by. George Pond, D. C. Mumford, A. T. Hoverstad, and C. O. Ruud, under whose direct charge the route has been maintained, accompanied the tour.

## STUDENTS ENROLL

### FOR MUSIC COURSE

There were 103 students last year who took private lessons in voice, piano or violin at the Northwest School. Of this number, 47 were piano students, 16 violin, and 40 took voice lessons. These lessons are taken by the students as a part of the school course. Credit is given which enables them to select this work along with the regular courses.

For those who are interested in music there are opportunities to become members of a number of musical organizations. These include two boys' glee clubs, a girls' glee club, orchestra, chorus and smaller groups, such as quartettes, quintettes and double quartettes.

R. S. Dunham attended the Crops and Soils Day meeting at University Farm, St. Paul, July 12.

Mr. and Mrs. Severin Rishovd have a little daughter, Gloria Mae, born June 18.

## LECTURE COURSE WILL PROVIDE GOOD PROGRAM

An exceptionally good lecture program is being arranged for the coming school year. Due to the prospects for a large enrollment it has been possible to secure a very strong list of entertainers. The first number will be by the Cordova Concertiers, presenting a "Musician's Holiday in Spain." There are four artists in this company, made up of a pianist, baritone, violinist and soprano. This program is scheduled for November 12. Glenn Morris, popular entertainer, is scheduled for December 10. Two other programs will be presented during the second term.

The schedule of good times and entertainments will include movies, musical programs by members of the music department of the University of Minnesota, and special school functions, including parties, football and basketball games. These programs are generally held on Saturday evenings, after the week's work has been finished.

## FOOTBALL PLANS UNDER WAY

Spring football practice brought out a large squad of good material for the 1927-28 football season. Coach D. H. LaVoi will again have charge of the training and is making plans for another successful season. New equipment will be ready for the men and a much larger number will be able to try out for the team. The schedule is especially interesting this fall, with the Morris and the Bemidji Teachers games among the more important events. The Morris game will be played at Morris, October 22, and the Bemidji Teachers College will be the opponents on Home Coming Day, October 29. The final game of the season will be with Thief River Falls and is due to be played at Thief River Falls this year.

## THOSE WERE THE DAYS

We used to have our physical training in the driveway in the horse barn, said Julius Paulsrud, '10, from Nielsville, in recounting experiences in the early days during home coming, June 30. We also had some great times in drill, continued Julius. Our drill hall was the Northwest prairie, and the heating system was not always ideal in January and February. One day we were lined up for maneuvers. Knowing that we were all a little cold the instructor said, "Forward march, double time." We didn't wait for any further commands, said Julius, but ran in all directions. Drill period was over by the time we were all rounded up again. There were nine graduates in the class of 1910, and it was a great bunch, continued Julius. We roomed on the third floor of what is now the Home Economics building, recited in two rooms on the second floor, and ate in the dining room, which was on the first floor. We didn't have much in the way of equipment, and we would certainly have appreciated all the advantages the boys and girls have at the Northwest School now.

## COMMITTEE FOR 1928

### WOMEN'S CAMP APPOINTED

A committee with Mrs. E. E. Green as chairman was appointed to assist the Northwest School in making plans for next year's camp. The committee is composed of Mrs. Joe Dunn, Northcote, Kittson; Mrs. M. A. Brattland, Ada, Norman; Mrs. V. C. Noper, Thief River Falls, Pennington; Mrs. Wm. Sprung, Moorhead, Clay; Mrs. M. L. Warner, Warren, Marshall; Mrs. J. W. Campion, Angus, Polk; Mrs. Jack Anderson, Clearbrook, Clearwater, and Mrs. Albert Lindstrom, Waubun for Mahnomen county. These ladies will appoint members from the counties not represented at the camp this year.

### Resolutions Are Adopted

The following resolutions were adopted:

We, the women attending the second annual women's camp at the Northwest School, June 20-23, 1927, express our appreciation to the State University in making such a camp possible and to the different members of the faculty who have contributed in making it the success it has been.

To Superintendent and Mrs. Dowell we extend our hearty thanks for their kindness in opening their home and entertaining us so royally at the reception held in our honor.

Especially do we thank Mr. Larson for his untiring efforts in furnishing us with such delightful recreation.

We extend our sincere thanks to Miss Newton, Miss Finlayson, Mrs. Baker, Mr. McCall, Mr. Pilkey for the excellent suggestions and encouragement.

To the Women's Clubs of Crookston we extend our grateful thanks for the delightful picnic supper and auto ride.

To Miss Lippitt and Miss Bede we express our most cordial appreciation for the splendid help and good eats.

We extend thanks to those giving us the "Thoughts for the Day," which is food to carry home with us, and express our most hearty thanks to Mrs. Frank Davis for her timely talk, and Mrs. Cooley, whose readings will brighten the coming year.

We say Thanks for "The Theater Party," and Thank You to each and all who have contributed in any way to the great success we feel this camp has been.

Realizing the far reaching benefit of a women's camp, we pledge ourselves to Boost for the 1928 Camp.

Mrs. M. A. Brattland, Ada,  
Mrs. J. W. Campion, Angus,  
Mrs. E. E. Green, Crookston.

Committee appointed by representatives from Polk, Clay, Norman, Kittson, Pennington, Clearwater, Marshall and Mahnomen counties.

## 1910 PROGRAM WANTED

Efforts have failed to locate the commencement program used at the Northwest School in 1910. If anyone has a copy or remembers the details of the week, kindly send it to the Northwest School, Crookston.

## RAISING PIGS ON PASTURE

By O. M. Kiser

There is ample evidence to show that pastures are necessary for economical production of all classes of livestock. Too often during the summer season the pig is denied the run of a pasture, thereby requiring more grain and increasing the cost to raise a pig to market weight of 200 to 225 pounds. One feeding trial at the Northwest Station resulted in a saving of 32.6% grain with pigs on pasture. In this same trial the pasture fed pigs produced a more rapid gain. Pasture enables the pig to better assimilate the grain which is fed in addition.

An extensive trial with pigs on pasture is being conducted this summer at the Northwest Station. Rape pasture is used in this trial. The major objective in this trial is securing results on pasture with various grains and grain mixtures to produce pigs of market weight.

Five pasture lots of ten pigs each are self-fed as follows:

Lot I.—Corn, protein mixture of 25% alfalfa, 25% oilmeal, 50% tankage.

Lot II.—Barley, protein mixture same as Lot I.

Lot III. Oats, protein mixture same as Lot I.

Lot IV. Barley, tankage.

Lot V. Barley, middlings (shorts), protein mixture same as Lot I.

One check lot is also being fed in dry lot to secure results in comparison with pasture-fed pigs. This lot is self-fed the same ration fed to Lot II on pasture.

All lots are self-fed a mineral mixture of 40% steam bonemeal, 40% air slaked lime, 20% salt. Each lot has free access to water from automatic self-waterers.

This experiment started July 7, with pigs averaging 58 pounds per lot. Each lot will be continued in the respective lots until an average market weight per pig of 220 pounds is reached.

## SCHOOL STATISTICS

That northwestern Minnesota is still the home of the new settler is clearly shown by statistics dealing with the 300 students who attended the Northwest School of Agriculture last year. Thirty-six Minnesota counties, 12 states, and 4 foreign countries were listed as birthplaces of the students. Outside states were listed as follows: North Dakota 13 times, Iowa 7, South Dakota 5, Kansas 4, Missouri 2, Wisconsin 3, while Montana, Illinois, Colorado, Washington, Texas, and Indiana were credited with one each. Canada, Norway, Sweden, and Denmark each contributed one student.

### Polk County Sent Largest Number

The largest number of students from one county was 103, this group coming from Polk county. Marshall county followed with 31, Clearwater county 25, Norman county 24, Roseau county 20, Pennington county 23, Kittson county 15, Red Lake county 16, Ottertain 10, Clay 6, Becker 11,

Beltrami 4, Lake of the Woods, 3, with one each from seven other counties.

### Age of Students

The average age of all students last year was 17.6 years. The fourth year students averaged 19.1, the Seniors 18, Juniors 17.3, and Freshmen 17.2 years. The oldest student in school was 30 years old and the youngest 13.

## CROPS AND SOILS

### DAY WELL ATTENDED— NEW OFFICERS ELECTED

(Continued from Page 1)

The directors elected for the various counties are: Theodore Carlson, Hallock, Kittson; J. H. Rosendahl, Warren, Marshall; H. C. Woolson, Thief River Falls, Pennington; George Orr, Red Lake Falls, Red Lake; Gust Tilberg, Fosston, Polk; Emil Wagner, Ada, Norman; Ebenhard Gandrud, Detroit Lakes, Becker; Theodore Melum, Ulen, Clay; T. E. Gullings, Kent, Wilkin; H. E. Osgood, Erhard, Ottertail; A. J. Robinson, Mahnomen, Mahnomen, and Erik Widseth, Gonvick, Clearwater.

### McNELLY PROMOTED

C. L. McNelly, formerly county agent of Fillmore county, has recently been appointed Assistant State Leader of County Agents, with headquarters at University Farm, St. Paul. He will supervise County Agent work in northwestern Minnesota. Mr. McNelly brings to his new work the rich experience of a successful farmer, teacher and county agent. His many friends scattered throughout northwestern Minnesota extend a cordial welcome.

### RYE FOR EARLY SPRING PASTURE

By O. M. Kiser

In discussing pastures for pigs there is one factor that is frequently overlooked by swine raisers. That is providing clean pasture for the young pigs early in the spring. This makes it possible not only to reduce the cost of pork production, but assists in reducing losses from round worms. Young pigs are especially susceptible to this trouble, usually becoming infected in the old hog lots or when turned out on the old permanent hog pastures.

Worm eggs are very resistant to any weather changes. The extreme cold of winter, or heat of summer, will not destroy the eggs. Successful swine producers now follow the plan of cleaning out the farrowing pens thoroughly before farrowing, and then moving the sow and young pigs direct to new pastures. The most critical period in the life of the hog is during the first three or four months. If carried safely over that period they will have little difficulty with later attacks from the round worm.

Seed a small acreage to fall rye this fall to provide clean pasture for the young pigs early next spring. Fall rye will produce earlier forage than

any other crop common to this section. The rye pasture will furnish an abundance of feed up to the latter part of June or first of July, when early seeded rape or fresh alfalfa pasture will be available. Rape has been found to be an excellent pasture for this country, furnishing an abundance of forage from early summer until freezing weather in the fall. It will carry as many pigs per acre as alfalfa or sweet clover.

Alfalfa is an excellent swine pasture, but one must avoid running hogs in the same field year after year due to the round worm difficulty. A good plan is to move to a new field each year by using temporary fences.

Regardless of the kind of pasture used next summer and fall, now is the time to plan on seeding fall rye for early spring pasture for the 1928 spring pig crop.

## PERSONALS

Ellen Ahlm, '20, is now working for the Interstate Commerce Commission in Washington, D. C. Her address is 2523 13th Street, Northwest. Ellen writes that she has seen most of the historic things in and near Washington.

Cecil Bergh, '26, and Helen Flekke, '26, were married in July and are now living in Duluth.

Mr. and Mrs. John Pitcher report the birth of a baby boy in June. Mrs. Pitcher was formerly Miss Helen Rupert of the Northwest School faculty.

Theo. Neske, 25, has rented the home farm and will be glad to have his former friends write him at Princeton.

Miss Ann Simley has been attending the summer session at Wisconsin University.

Mrs. DeEtte Cenfield Genung has been doing graduate work at the University of Minnesota this summer.

Henry Nabben, '19, is now located at Webster, South Dakota, where he is employed as a cow-tester.

Miss Marie Emanuelson, a former student at Drayton, North Dakota, returned home recently from a trip to Vancouver and other western points.

David Drotts, '23, and Florence Tanquist were married June 12. They are living on David's farm near Viking.

Lydia Miller, '25, is planning to enter a hospital this fall to begin training as a nurse.

Harold Roadfeldt was superintendent of the boys' and girls' club department at the Roseau county fair in July.

Thomas Davids, '17, and Margaret Bergstrom were married June 20, and will live on Thomas' farm near Bagley.

Manley Larson and Albert Sandal have 35 boys and girls enrolled in their 4-H club near Twin Valley. They brought the largest delegation to the club camp at the Northwest School in June.

Owen Howe stopped at the School on June 26, while driving through to Milwaukee from Montana with his mother. Owen is planning to return to school this fall.