

# THE NORTHWEST MONTHLY



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NOS. 9, 10

## Many Will Attend Northwest School SEVENTEENTH YEAR OPENS OCTOBER 1

As a part of the school system of Minnesota there are three well-equipped schools of Agriculture located at St. Paul, Morris, and Crookston. These schools have won a splendid reputation for doing good work. There is no tuition charged. The only expense is for board and room, which is furnished in the dormitories and dining hall located at the schools. This permits the students to reside at the institutions during the time school is in session.

The Northwest School at Crookston is centrally located for this section of the state, with a complete set of buildings and equipment so that it is an ideal place to attend school. The students are wholesomely supervised and regular school and study hours are maintained. The school provides recreation and social activities that make school life happy and pleasant. At this school courses are offered which are equivalent to a high school course. Northwestern Minnesota is fortunate in having one of these state institutions so near at hand, where students may attend without going long distances from home. The fall term at the Northwest School will begin October 1, which will enable the students to help with most of the fall work before leaving for school.

### Many Will Attend This Fall

When the school opens for the fall term there will be a good attendance, according to reports. The entrance requirements are the completion of the eighth grade work in the common school. For eighth grade graduates there is no age requirement. Those who have not completed the common school may enter if they are at least sixteen years of age.

The Northwest School also has facilities for instruction of those who for some reason have not finished the common school but are interested in continuing their education. Students receive a diploma upon completion of three years of six months each. Those who wish to meet the entrance requirements for State Teachers' college, University or other institutions attend an additional year and complete the fourth year of six months.

### Music Courses Are Popular.

Seventy students were enrolled for private music instruction at the Northwest School last year. This work was

part of the regular course, and credit was given towards graduation. In order to care for the increased interest in this work, the school offers still better facilities during the coming year. Three instructors will give lessons in voice, piano, band and orchestra instruments. Private practice rooms are provided. From this it can be seen that northwestern Minnesota young people are greatly interested in



AGNES BOTHNE, WHO WILL TEACH VOICE AND PIANO AT NORTHWEST SCHOOL.

Graduate of School of Music, University of Minnesota. Piano student of Carlyle M. Scott and Donald Ferguson. Vocal student of Gertrude Hull, Soloist while at the University with the Women's and Men's Glee Clubs. Musical director at various churches. Member of Minnesota University Quartette.

securing a musical education and that music holds a very prominent place in the course of study. For those musically inclined opportunity is given to become members of the glee clubs, chorus of 100 voices, band and orchestra.

In addition the school lecture course the ensuing year will bring noted artists to the institution. The other courses at the school include courses in agriculture, engineering, home train-

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## MANY IMPROVEMENTS ON SCHOOL CAMPUS

When school re-assembles on October first, several important improvements at the Northwest School will have been completed. Extensive alterations are being made in Owen Hall to fit this building for the exclusive use of the farm engineering and mechanical department. Contracts have been let for a new beef cattle barn and for an animal products building which will be completed at the close of the first term. The animal products building will include rooms for stock judging, killing and cutting meat, and a dairy laboratory.

The poultry brooder house has been remodeled and fitted for an incubator room.

Additional curbing has been laid on the school campus and an extensive addition to the boulevards has been completed. The electric service wires have been relocated in order to give more convenient connections for lighting and power purposes.

An addition to the green house is completed. This addition improves the appearance of the green house as well as giving additional space for laboratory and station purposes.

Everything will be in readiness for school when the classes assemble on Tuesday, October 2nd.

## ATHLETICS

Students who enter the Northwest School October 1 will find a definite health program in operation. Shortly after school opens every student will be given a complete physical examination, with recommendations for the health of each individual. A graduate nurse resides at the school during the year, whose main duty is to supervise the health program. Miss Anna Thiel, a graduate of University of Minnesota, will be the school nurse this year.

During the fall while the weather is good, students will be out of doors for some time each day. At least two teams will be out for football. For others there will be volley ball, baseball, cross country running, and group games on the campus. As soon as cold weather prevents work outdoors the regular basketball season begins. Regular gymnasium classes are scheduled which keep the students in a healthy condition, besides giving them good wholesome recreation and enjoyment. Miss Mildred Schenck will be physical director for the girls, while Delmar LeVoi will supervise the work for the boys and also coach basketball. As in previous years, A. M. Foker will coach the football teams.

## THE NORTHWEST MONTHLY

Issued Monthly by  
THE UNIVERSITY OF MINNESOTA  
NORTHWEST SCHOOL OF  
AGRICULTURE  
C. G. SELVIG, Superintendent

OFFICE  
Northwest Experiment Station,  
Crookston, Minnesota

A monthly publication in the interest of  
agricultural education and home training for  
Northwestern Minnesota.

### POTATO GROWERS ORGANIZE

The cooperative potato marketing organization campaign is on in full swing in the Red River Valley at the present time, following a series of meetings at which addresses were given by Aaron Sapiro and others. S. G. Rubinow is in active charge of this organization campaign. He reports that good progress is being made. There will be no organization perfected until fifty per cent of the commercial acreage of potatoes is signed up. Whether this acreage will be secured, will depend entirely upon the attitude of the potato growers themselves, not only in the Red River Valley counties, but in the state at large.

The expressions of approval that followed Mr. Sapiro's meetings in Crookston, Moorhead and Detroit, will indicate that the growers in this section are in favor of this marketing plan. There is, however, a certain amount of inertia to overcome and a great deal of organization work to do. Whether there is sufficient interest to overcome this inertia remains to be seen. Without doubt, the cooperative marketing system will eventually come. The big question now is whether the potato growers will take the lead with the cooperative creameries of the state in perfecting their organization.

### DAIRYMEN TO CELEBRATE 20TH ANNIVERSARY

Secretary Leonard Houske, Halstad, announces that the twentieth annual convention of the Red River Valley Dairymen's Association will be held in Crookston on December 5 and 6. This will be an anniversary convention. Crookston was selected on account of the fact that the organization was started in this city twenty years ago. The original promoters of the Red River Valley Dairymen's association will be present at this meeting. Plans are under way to celebrate fittingly this milestone in the progress of dairying in this section of the state.

The Crookston Association of Public Affairs has tendered financial and other assistance to the dairymen's association in making this convention an outstanding success in every way.

The officers of the dairymen's association are: Stuart McLeod, president, Goodridge; A. R. Knutson, 1st vice president, Pelican Rapids; Marius Waldal, Plummer, 2nd vice president; E. E. Thorson, treasurer, Hendrum; and Leonard Houske, secretary, Halstad.

### SCHOOL OPENS OCTOBER 1

(Continued from Page 1)

ing, nursing and farm business subjects.

#### School Enjoys Splendid Growth.

The work of the Northwest Experiment Station, which preceded the school by ten years, is carried on in connection with that of the school. The growth of the school is evidenced by the fact that in 1906, the first year, only 31 students attended in the one building then provided. This number has greatly increased. Today, also, the Experiment Station is recognized as one of the best of its kind. The school grounds have been transformed from a swamp to a beauty spot with flowers, trees, and shrubs. The school equipment has grown from the one building to eight, in addition to barns and station buildings. Additional buildings are being erected this summer to care for the institution's growth.

Over 2000 students have attended the three-year course since 1906, while the graduates number almost 500. It is evident that the school and station has filled a need in northwestern Minnesota and that each year will see still more young people availing themselves of the opportunities offered.



LUCILLE M. DOKKEN, WHO WILL  
TEACH PIANO AT NORTHWEST  
SCHOOL.

Artist's diploma from the MacPhail School of Music. Student of James A. Bliss and Glenn Dillard Gunn, Chicago. Enviably reputation as result of public recitals in well known conservatories. Five years' experience with private students.

### SCHOOL DIRECTORY, FALL TERM

Y. M. C. A.  
Arnie Solem, Thief River Falls, President  
Ebenhard Gandrud, Detroit, Vice President.  
Andrew Wardeberg, McIntosh, Secretary and Treasurer.  
Y. W. C. A.  
Stella Carlson, Hallock, President.  
Helen Gibbons, Crookston, Vice President.

Gertrude Pulkrabek, Angus, Secretary and Treasurer.

Home Economics Club  
Sylvia Stegner, Kennedy, President  
Gladys Rice, Bronson, Vice President.

Heien Gibbons, Crookston, Secretary and Treasurer.

Sanford Club

Stella Carlson, Hallock, President.  
Theresa Aakre, Goodridge, Vice President.

Elizabeth Jones, Lancaster, Secretary and Treasurer.

Pioneers

James Hanson, Twin Valley, President.

Edwin Lofthus, East Grand Forks, Vice President.

Walter Turgeon, Brooks, Secretary and Treasurer.

Lincoln

Harold Lee, Conyick, President.

Robert Davids, Bagley, Vice President.

Oliver Howard, Highland, Treasurer.

Arnie Solem, Thief River Falls, Secretary.

Agrarian

Andrew Wardeberg, McIntosh, President.

Walter Luchau, Gary, Vice President.

Elmer Anderson, Clearbrook, Secretary and Treasurer.

### FARM CLUB EXPRESSES APPRECIATION

Forty-one communities visited the Northwest School and Station during the past summer. All expressed themselves in favor of returning in 1924. Already a number of clubs have discussed the question in their recent meetings and have definitely gone on record for a visiting day and picnic at the school next year. That the organizations represented the past year enjoyed themselves is evidenced by the letters received from officers, a copy of one such letter follows:

East Grand Forks, Minn.,  
July 19, 1923.

Mr. C. G. Selvig,  
Northwest School and Station,  
Crookston, Minnesota.

Dear Mr. Selvig:

This is to show our appreciation and send our sincere thanks for the efforts and time spent by you and those with you to make the picnic the success that it was. Everyone was thoroughly pleased and enjoyed it to such an extent that I think I am safe in saying it will be an annual event with the Grand Marais Club.

We also wish to congratulate you upon the splendid achievements and rapid headway that is apparent at the Northwest School and Station.

Yours very truly,  
GRAND MARAIS FARMERS' CLUB,  
By Helmer Anderson, President.

### EXPERIMENTAL FIELDS IN MAHNOMEN COUNTY

Professor R. S. Dunham, Northwest School and Station agronomist, is supervising an outlying 10 acre experimental field located near Mahanomen consisting of variety trials of small

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**CORN AND POTATO EXHIBIT PLANNED**

Who grows the best type of corn in your community? Which potato growers have made most progress in seed selection? Members of the station staff have seen fine corn and potato fields in practically every section of the Valley visited this season. At the home farms of Northwest School students numerous samples of corn and types of potatoes have been shown which show excellent quality. Interest in these two important cultivated crops is increasing each year.

To show the progress made and increase the interest in seed improvement, plans are being made at the school for a corn and potato exhibit to be held early in November. This will be put on in conjunction with the annual home project exhibit, but will be open to all students, alumni and former students as well as to home project students. Due recognition will be given to those exhibiting the best samples and the exhibits will be reserved for exhibition at crop shows this winter, including the Red River Valley Winter Shows.

Each student is urged to select a ten ear sample of corn and a one-peck sample of potatoes (32 tubers) and bring them with him when he comes to the school in October, or arrange to have them sent to him in time for the show. Parents or brothers of students may contribute samples, but all exhibits must have been grown on the home farm. Maturity, uniformity, freedom from disease and varietal characteristics are important in making selections.

Girls who have done work in canning, baking and sewing are also invited to exhibit. Home economics work will be a special feature of the home project show this year, owing to the unusually large number of girls taking project work. Arrangements will be made to enable those in the baking projects to bake in school kitchens the day preceding the show.

Each student's contribution to the exhibit will be placed on display in the new exhibit room on show day and will be scored by a judging committee. Since the object of the show is to give an opportunity for all students to compare and discuss the work shown, faculty members from each department will give talks on the exhibits and explain the points considered in judging. Placings in each class will be published in the November issue of the Northwest Monthly.

**NEW TREE FRUITS FOR NORTHERN MINNESOTA**

Practically all of the new and standard varieties of hardy tree fruits have been planted at the Northwest Experiment station during the past twelve years. Observational data have been kept of the performance of the same varieties of fruits under dissimilar environment and soil conditions which prevail in the region. On the heavy, slightly alkaline soils at the Northwest Station none but the very hardiest of the apple and crab varieties have thrived, while in the more favored locations along the streams and on the lighter soil types many of the apples

of second degree hardiness have come into bearing. Wealthy, Patten's Greening, Northwestern Greening, Yellow Transparent and other apples of the second degree of hardiness have failed to stand up on the heavy prairie soils, while on the more open and porous timber soils the same varieties generally produce several good crops before they succumb to heart killing.

The Hibernial apple has thus far proved to be the hardiest variety at the Experiment Station and throughout the whole region. Seedlings of the Malinda variety sent out by the State Fruit Breeding Farm fruited at Crookston this year, and give promise of being desirable for this section. The Harlodson or Minn. No. 90 has wintered perfectly two winters and will, if it survives, be a good addition to the apple list for northern Minne-

able addition made to the plum list for northern Minnesota in recent years. The fruit is of high quality and more nearly takes the place of the sour cherry than anything developed thus far.

Other of the new varieties of plums sent out by the State Fruit Breeding farm show great promise for Northern Minnesota, but as yet have not been tested sufficiently to get full proof of hardiness.

**NEWS ITEMS FROM FAR AND NEAR**

Charles A. Smith, '22, writes that he is back in Minneapolis from Iowa, where he worked during the summer. His address is 3012 Findley Place.

Jennie Peterson, '23, is attending teacher's college at Moorhead. Adele Raymond, '23, and Alma Nelson, '23, are attending teachers college at Bemidji.



**LEARNING THE PRINCIPLES OF GOOD TASTE IN DRESS AT THE NORTHWEST SCHOOL**

sota. The Blush Calville is proving hardy on good soils in Manitoba and is recommended for northern Minnesota. Duchess, Anasim, and Patten's Greening of the standard apples rank below the Hibernial and in the order named in hardiness.

There are several hundred varieties of apples on the market from which the planter may make his selection. However, the farmer of northern Minnesota should play safe by planting only those varieties of known hardiness for his region. Most of the standard varieties of crab apples are hardy. The Transcendent, Virginia, Early Strawberry and Arctic and Siberian have done well at the Crookston Station.

The plan that has been started of getting the more tender varieties of apples fruiting is that of top grafting and budding the desirable variety, such as Wealthy on the hardy crab varieties, such as Transcendent and Virginia.

The Hansen hybrid plums, such as the Sapa and Opata, while not as hardy as the native American varieties, are doing quite well in sheltered locations. The Zumbra cherry, a plum-cherry hybrid, sent out by the Minnesota Station, is perhaps the most valu-

Klaire J. Edgar, '23, writes that she has been keeping store for her brother-in-law at Sayner, Wisconsin. She sends greetings to all her Aggie friends.

Mr. and Mrs. John H. Swiers, '20, Bejou, announce the arrival of Elaine Adeline on August 23. Congratulations!

Announcement has been received of the marriage of Jessie Lee, Pencer, to Oscar Austin, Malung, on August 22. Jessie attended summer school here in '19 and Oscar was a student in 1920. They will be at home at Salol. The N. W. Monthly sends congratulations!

Mr. and Mrs. Carl Berg visited at the school on September 9. They were enroute to Fosston to visit Carl's father. Miss Helen Selvig returned to Warroad with them and visited for a few days.

Mr. and Mrs. John Zakrisson (nee Cora Bigelow) were dinner guests at the Selvig home on Monday evening, September 10.

Mr. and Mrs. Constans renewed acquaintances on the Campus on September 11. They were guests at the A. H. Larson home. Mr. Constans will coach debate at the University of North Dakota this year and continue his studies at the University Law School.



The Northwest School was well represented at the state fair this year. A. J. Kittelson had charge of the Boys' and Girls' Club demonstrations and was assisted by Miss Mildred Schenck. R. S. Dunham was grain judge, O. M. Kiser assisted in the livestock department, and Messrs. A. M. Foker and A. H. Larson assisted in the Farm Boys' camp.

Miss Mildred Schenck returned to her duties at the school on September 10.

Miss Fanny B. Lippitt, of Duluth, arrived on the campus on August 1 to assume her duties as head of the Home Economics department and matron of the school dining hall.

A. H. Larson was one of the leaders in the Y. M. C. A. camp at Chisago City during the week of August 19.

Announcements were received by Northwest School faculty members of the marriage of Miss Ruby Lillian Mounce to Mr. A. M. Pilkey, poultry husbandman at the Northwest School and Station. The wedding took place at Oshawa, Ontario, Canada, on August 15. Mr. and Mrs. Pilkey arrived on the campus on September 6, making the journey from Ontario to Crookston by auto. They are now domiciled in one of the campus apartments, where they will be at home to their friends. The Northwest Monthly extends congratulations and well wishes.

Valley Livestock association.

The sale was held on June 26. A large number of purebred and grade Holsteins were sold at fair prices. Much credit is due Mr. L. Benshoof, of Detroit, for his interest in securing this meeting for this section of the state.

#### VALLEY GUERNSEY

##### BREEDERS' MEETING

The third annual Red River Valley Guernsey Breeders' sale was held at Thief River Falls on June 6, at which time about 25 purebred Guernseys and a large number of high grade Guernseys were sold. The sales committee consisted of Stuart McLeod, Goodridge; Paul Engelstad, '16, and H. C. Woolson, Thief River Falls. The Guernsey Breeders are making rapid progress in this section of the state, which is an indication of the big forward steps taken in northwestern Minnesota's agriculture.

#### NORTHWEST STATION COW MAKES HIGH RECORD

George W. Kelly, editor of the Northwest Farmstead, Minneapolis, forwarded to the Northwest School recently a ribbon of merit awarded the station Holstein cow, Violet Pauline Ormsby, in a competition conducted by the Northwest Farmstead. This award is given for all cows that complete a year's work, making more than 735 lbs. butterfat a year or over 2 lbs. of butterfat a day.

Violet Pauline Ormsby made 830 lbs. of butterfat in one year in the official test. Much credit is due Sam Ronningen (1913-15) who is the Northwest Station dairy herdsman in charge of feeding, caring for and milking this cow while she was on her test. Violet Pauline Ormsby only narrowly missed making 1000 lbs. of butter. She will undoubtedly do this in her next year's production. Superintendent Selvig has promised that a dinner will be served in Mr. Ronningen's honor when the first 1000-lb. cow (counting butter production) completes that record at the Northwest Station.

#### WINTER SHOWS SECURE NATIONAL ATTENTION

The Dearborn Independent for May 12, 1923, devotes nearly a page to the Northwest School Farmers' week meetings and Red River Valley Winter Shows, which are held in Crookston annually. The article is entitled, "Co-operative Effort Wins for Minnesota Farmers." The Dearborn Independent, formerly known as Ford's Weekly, has an extensive circulation, not only in the United States, but throughout the entire world. The more than 2,000 farmers and businessmen who have cooperated in providing the buildings used for the Winter Livestock shows are enthusiastically commended in the article.

The final paragraph concludes with the following words: "The Northwest School has created a spirit that has touched all, resulting in making new standards of production, in creating new ideas of cooperation, and in teaching that a community life in which all work together, all live happily together, all sing together, all achieve together, is most worth while."



REPAIRING AND OVERHAULING GAS ENGINES AT NORTHWEST SCHOOL

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grains, corn and soy beans; fertilizer trials of acid superphosphate, and crop sequence trials. While at Mahanomen recently, he appeared before a meeting of the Businessmen's association and gave a talk on the work that is being done. The citizens showed an active interest and are desirous of acquainting themselves with the experimental work and to make it an outstanding feature.

#### CROOKSTON GIVES ELABORATE DINNER

Probably the most elaborate Stadium-Auditorium dinner on the greater University cooperation traveling and publicity tour committee's itinerary was given at the Northwest School of Agriculture at Crookston, on May 24. An unusually attractive menu and program with stadium and auditorium cuts printed on the outside cover in maroon ink, presaged a meeting in which "dip" was the chief ingredient. Guests were not allowed to forget the serious purpose of the occasion in the pleasures of food, however, for between each item on the menu was the admonition, "Build the Stadium!" or "Build the Auditorium!"

Conrad G. Selvig, director of the school, presided as toastmaster. E. B. Pierce, general alumni secretary; G. V. Barron, commander of the Minnesota American Legion; Fred Leuhring,

director of athletics; Tom Phelps and Lyman Pierce, director of the campaign, were speakers on the all-star program.

#### INTEREST IN LIVESTOCK JUDGING

Various organizations in the Red River Valley are already laying plans for active participation in the 1924 Northwest School Farmers' week and Winter Shows next February 4-9. Keen competition has developed among the farm clubs in the annual stock judging contest held during the week. At their last regular meeting the Warrenton club, near Warren, selected their team for 1924. This team will consist of Ernest Palmer, Arthur Henning and Havlock Nicholls. All three members have had considerable experience with stock and will begin at once to hold regular meetings to still further perfect themselves for next winter's contest.

#### STATE HOLSTEIN BREEDERS MEET

The Minnesota Holstein Breeders' association held their annual summer meeting and sale at Detroit on June 25 and 26. The meeting was addressed by Governor J. A. O. Preus; Mr. Kelly, vice president of the National Holstein breeders' association; E. T. Winship, president of the Minnesota Holstein Breeders' Association, and O. M. Kiser, secretary of the Red River