

# THE NORTHWEST MONTHLY

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NO. 10.

## Northwest School of Agriculture

### Fall Term Opens October 1

The Northwest School of Agriculture is located at the Northwest Experiment Station, two miles north of Crookston, Minnesota. There is a paved road to the city, and the school motor bus maintains a regular schedule. The Great Northern and Northern Pacific make Crookston a railroad center with convenient connections for students to reach the school. Excellent state highways center at Crookston and the school may be reached in only a few hours.

The Northwest School was organized in 1906 with the first class graduating in 1909. The School is a part of the University of Minnesota. The Experiment Station was established in 1896 on land donated by J. J. Hill of the Great Northern Railroad.

#### Experienced Faculty

Instructors at the School are selected to take charge of some special department.

Instruction is therefore given by men and women who have made a life study of the work in which they are engaged. Approximately twenty instructors are in charge of the work at the school and station.

#### Complete Equipment

The school has three dormitories, a dining hall, a recitation hall, one building for domestic science, art and music; health service building; one building for library, auditorium, gymnasium, offices and museum; engineering building; dairy products building; in addition to barns and other special equipment. All laboratories and classrooms have excellent equipment for class work, while the station herds

and the experiment station projects add to the material available.

#### Length of Term

School opens the first of October and closes March 29. This is the most convenient time for the majority of students to attend. It enables them to help with the fall and spring work at home and if they are working their way through school it affords a longer earning period.

#### Reasonable Expense

Being a state school there is no tuition. Practically the only expense is for board and room, which is obtained at the school. The entire cost for the actual school expenses during the six months should not exceed \$150.

ing, home making, besides regular academic subjects.

**Preparatory for College.** Graduates from the four-year course may enter the University or teachers colleges. Students from other schools who need only a few credits for college entrance requirements may attend the Northwest School to earn such credits and take special work in one or more of the departments.

**Other Courses.** Students who cannot complete the three-year course may enter and select special studies in which they are most interested. They may enter in either October or January, although it is always preferable to complete the full term's work.

#### Opportunities in Music

**Private Lessons.** The School has a complete music department in which instruction is given in voice, piano, violin and orchestra instruments. Students may take private lessons for which only a small charge is made. Credit towards graduation is allowed for private lessons so students may find time to practice and complete their music work at the same time they are completing the regular course.

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**Glee Club.** All students who are interested in music can join some musical organization. There are two men's glee clubs, one for freshmen and one for those with experience. Each has a membership of 24 students. The girls' glee club is made up of 26 voices.

**Choruses.** A chorus of from 80 to 100 voices is organized each year. The chorus appears at special programs and prepares special operettas, cantatas, or chorus numbers.

**Orchestra.** All students who play band or orchestra instruments should  
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EXCELLENT TRAINING FROM CLASS PLAYS, DEBATE AND PUBLIC SPEAKING

#### Who May Come

Students may come who have finished the common school. Those who have not completed the common school may come if they are 16 years of age. Students from other schools above the common school are admitted and their credits applied on the regular course.

#### Courses Offered

**Three-year Course.** A diploma is given upon the completion of the work of three years of six months each. The studies for boys include English, history, mathematics, engineering, animal husbandry, farm management, dairying, agronomy, etc. The work for girls includes music, business training, nursing, dressmak-



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**OFFICE**  
 Northwest Experiment Station,  
 Crookston, Minnesota.

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

### NEW FACULTY MEMBERS

Mr. S. A. Anderson of Milford, Illinois, has been appointed instructor in Farm Mechanics and Repairs at the Northwest School of Agriculture. He will succeed Howard C. Rutt, who resigned to accept a position with a company specializing in rural electrification in northern Illinois. Mr. Anderson received his Bachelor of Science degree at the University of Illinois in 1927, and has more recently completed six of the eight credits required for a Master's Degree. In addition to his class room and laboratory duties, Mr. Anderson will assist Coach LaVoi during the football and basketball season.

John William Mlinar will take charge of the lecture work formerly offered by Registrar A. H. Larson, who has been granted a year's leave of absence for graduate study at the University of Kentucky. He will also relieve Professor E. R. Clark, who is acting registrar in the absence of Professor Larson. As a student Mr. Mlinar specialized in History and Mathematics, graduating from the University of Minnesota in the spring of 1928.

Mr. Anderson and Mr. Mlinar come to the Northwest School well equipped to assume the responsibilities in their respective departments.

### ANNUAL VALLEY POTATO TOUR

"The best potato tour ever held in the Red River Valley," was the comment made following the recent tour staged on August 1 and 2. This tour was outstanding not only from the standpoint of attendance and interest, but in the quality of work inspected.

The tour through the Valley began August 1, starting from Moorhead in Clay County. E. M. Gillig, of the Leonard, Crosset & Riley Co., was in general charge. Lecturing specialists accompanying the tour were Dr. Wm. Stewart, of the Bureau of Plant Industry, Washington, D. C.; C. L. Fitch, Extension Specialist in Potatoes from Iowa State College; and T. M. McCall, Horticulturist of Northwest Experiment Station. In spite of rainy, disagreeable weather, seventy-five potato enthusiasts made the full trip.

Experimental and demonstrational work in Clay County consisted of tuber unit and hill unit methods of seed improvement; the comparison of the

commercial mercuric compounds with hot formaldehyde for tuber disease control; fertilizer trials; and strain tests of potato varieties.

The most interesting plots inspected during the day were those on the Albert Carlson farm, where most of the seed improvement work was centered, and where some of the best strains of Cobblers were grown in comparison with stock from Prince Edward Island. The best strains of Triumphs were also compared.

On the following day the tour started from East Grand Forks and took in Minnesota Point, Bygland Township, Climax and Nielsville. One hundred fifty farmers and potato men stopped work to make the trip. Much the same type of experimental and demonstrational work was carried on in Polk as in Clay County, though a larger number of farmers in Polk County seemed to be practicing approved methods of seed improvement.

Considerable interest was shown in the comparison of Prince Edward Island Cobblers and home grown seed. Wurden Brothers had the outstanding field of Cobblers seen on this trip. The Wurden field of 24 acres had both home grown and imported seed, the home grown seed being apparently equal in every respect to imported stock.

The careful methods employed and the scope of the project of improving Triumphs by tuber unit selections by Ole Flaas and Gunnar Moe were among the outstanding features of the tour, as was also the tuber unit work of H. F. Skyberg.

A. W. Aamodt, county agent, and Fred Pratt were in charge of the Polk County tour. The specialists present in Clay county were joined in Polk county by C. P. Close, of the Bureau of Plant Industry, A. G. Tolaas, R. C. Rose, F. A. Krauty and I. Porter of University Farm, St. Paul.

The south Polk county tour of July 28 took in the Fertile and Gary territory. This tour demonstrated that growers have made great strides in potato improvement during the past two years.

T. M. McCall, Horticulturist at the Northwest Experiment Station, draws the following conclusions following this visitation of some forty potato fields in the heart of the Red River Valley:

1. Good seed from carefully guarded seed plots produced better stands and crops more free from disease than non-selected seed.
2. Treated seed produced better stands with less rhizoctonia and less blackleg than untreated seed, also that all standard seed treating substances improved stand and quality more than enough to offset cost.
3. That it is profitable and worth while for the potato grower to adopt advanced methods of seed plot procedure.
4. Commercial fertilizers, especially the phosphates, show outstanding effects on vine growth and tuber set.

### MANY IMPORTANT EVENTS SCHEDULED

Arrangements have been made through T. W. Thorson, Director of the Northwestern Minnesota Singers' Association, for the Fertile Community Chorus to present what is expected to be one of the strongest numbers of the year's lecture course program. This program will be held in the school auditorium Friday evening, October 19. Other numbers will be announced in later issues of the Northwest Monthly.

One of the most important events of the school year will be held on November 3, when parents are invited to visit the class rooms and laboratories and take part in the annual Parents' Day celebration. This offers an excellent opportunity for parents to acquaint themselves with the work of the school and station.

The annual Pow Wow, Frolic, Outdoor Festival, parties and movies, in addition to the football and basketball games, will complete the activities of the fall term.

### FOOTBALL SCHEDULE ARRANGED

The official opening of the 1928 football season at the Northwest School will take place Saturday, October 6, when the Red Lake Falls team will clash with the Aggies. Home Coming Day activities on October 27 will center around the annual battle with the Morris Aggies. Other important games include East Grand Forks, and Bemidji Teachers' College. Coach LaVoi will miss a number of star players from the 1927 squad, but expects to have a creditable team in action before the close of the season.

### OUTSTANDING EXHIBITS IN COUNTY BOOTHS

In the Agricultural Building at the State Fair maximum interest centered around the 36 county booths. Highest score was awarded Dakota county, although the Rice county booth was judged most beautiful. In the northern section first place went to Roseau county, with Aitkin winning the banner for beauty. In addition to the regular county booths, four counties presented exhibits displaying some important agricultural extension project undertaken in the county.

#### County Booths

It is no easy task to put up a county booth. Definite varieties of grains, corn, forage crops, wild grasses, potatoes, fruit, vegetables, canned goods, and manufactured articles are required. Furthermore, everything must be arranged attractively, since beauty is an important factor in the general score. Each class of products is scored both as to quantity and quality.

Aside from the prize money which is generous in amount, the counties receive almost priceless advertising. Thousands of visitors are attracted to the booths both because of their beauty and agricultural display and be-

cause of interest in the county itself. Newspapers and farm magazines feature the winners.

#### Northern Section

The state is divided into a northern, central and southern division. Counties within a division compete among themselves, the sectional winners later competing for sweepstakes in high score and beauty. The seven counties represented in the northern division placed as follows: Roseau, Aitkin, Carlton, Becker, St. Louis, Crow Wing and Koochiching.

Pennington county had a very interesting and instructive project booth displaying its method of raising turkeys. "Let us show you how it is done. We do it by sanitation," read their slogan on a traveling electric sign.

Ottertail county made an excellent record in the central section, winning fifth in the largest division of the show. Meeker took first.

Mr. C. C. Houtved and County Agent Taylor are to be congratulated on the wonderful Roseau booth. It excelled in those products for which the northern section is noted, and only lost highest score in the show because of climatic limitations. According to R. S. Dunham, agronomist of the Northwest School, the quality of these exhibits was unusually high this year. Scores were very close; placings in some cases resulted from fractions of a point, although 1300 constituted a perfect score. Many of the exhibitors have become professional through years of experience. As one judge said, "If you get any better you'll have to get a new judge."

### NORTHWEST SCHOOL OF AGRICULTURE

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bring them to school. Groups are formed for both beginners and those with experience.

#### Athletics

**Football.** Athletics have a proper place at the school, and students are encouraged to participate in athletic events. Football is the important fall sport. Although the season is a little short, the boys make up for it by harder work and consistent practice. The school schedules about the same number of games as other schools and maintains athletic relations with other schools of agriculture, high schools and teachers' colleges.

**Basketball.** This is one of the important athletic activities of the year. In addition to the school squad, each class organizes a team for the inter-class contest. The teams have the benefit of experienced coaches. Members of school teams are awarded letters and other insignia for participation in inter-school contests.

**Girls' Basketball.** Girls' teams are organized in basketball, with emphasis placed on inter-class contests.

**Physical Education.** Both boys and girls receive physical training. The school gymnasium is equipped for gymnasium instruction and athletic events. Students who do not wish to play football or basketball enjoy cross-country running, track events, volley ball, hand ball, indoor baseball, and organized games of various kinds.

#### Literary Societies and Public Speaking

**For Boys.** Three literary societies enable all the boys to become members of some organization for improvement in public speaking. The three societies are the Pioneer, the



THE AGGIE BOARD, MEMBERS OF 1928 SENIOR CLASS

Lincoln and the Agrarian. The clubs are also for good fellowship in addition to other distinct advantages.

**For Girls.** The girls may become members of either the Home Economics Club or the Maria Sanford Club. These societies meet on alternate Monday evenings and are conducted by the students themselves, although each has members of the faculty as advisers.

**Debating.** Much work is done in debating. Regular classes are held, and debating holds a prominent place in public programs. Each year the inter-society debates afford opportunities for improvement. Inter-school debates are held each year with the agricultural schools of Morris and Fargo.

**Public Programs.** Public programs are given at assembly each Thursday and on alternate Monday evenings. In addition, special classes are conducted in public speaking and each student receives individual assistance

in correct public address. This feature of the school has been regarded by students and alumni as one of the outstanding benefits. Plays, skits, and special numbers are included in the programs for the year.

#### Ideal School Life

**The Dormitories.** Most of the students live in the school dormitories, of which there are two for boys and one for girls. A member of the faculty lives in each dormitory, but the students maintain their own organization with the preceptor or preceptress as dormitory adviser. The dormitory life is perhaps one of the most interesting features of school life. Students become intimately acquainted, and form friendships with others from all parts of the Northwest. The spirit of good fellowship, responsibility and evidences of good citizenship are best brought out in the dormitory life. Each dormitory has a fire place and piano, and many pleasant memories result from the get-togethers that are held.

**Dining Hall.** All the students board at the school dining hall, a new building, with accommodation for 400 students. Lunches are served in the cafeteria.

**About the Campus.** When students are not in classes they are free to go to their rooms, the library, or other places about the school. All members of the faculty reside at the school and are available for assistance and advice. Each class has members of the faculty as advisers for class activities. Because of the close relationship of students and faculty, a real community life has been developed, and the school has often been designated as the "Northwest School Family."

#### Religious Life

Among the members of the faculty and students of the Northwest School are represented practically all the various church denominations. Whatever their religious faith, all students are encouraged to attend the church of their choice in Crookston. Local ministers have given splendid cooperation in this respect.

The Northwest School has one of the strongest Young Men's Christian Associations. Bible classes are held on Sunday mornings, conducted by members of the faculty. The Young Women's Christian Association holds the same relation to the girls as the Y. M. C. A. does to the boys. Women prominent for their work with

girls are invited to be present at the various sessions.

On Sunday evenings the Y. M. C. A. joins with the Y. W. C. A. and ministers from churches in Crookston are invited to speak. Music is furnished by members of the music department or by groups of students. Many meetings are conducted by the students themselves and are then in the form of a young people's society.

#### Special Events

Five lyceum numbers are included each year in the lecture program. These programs are given by lecturers and entertainers who are noted in their respective fields.

The school has its own moving picture machine. This makes possible the showing of educational films and slides in addition to regular movie programs.

Saturday evenings are given over to school parties, lecture course numbers, movies or other forms of entertainment.

Programs of unusual interest are planned for Hallowe'en, Thanksgiving, close of each term and in connection with the observance of national holidays. The Girls' Frolic and Boys' Pow Wow at the opening of school are not soon forgotten, while the outdoor festival in the fall is perhaps the best event of all.

#### Typical Weekly Schedule

School is in session five days of the week and Monday is the day for preparation for the coming week. Rehearsals for plays, athletics, and other events are planned for Monday. The following schedule will indicate, to some extent, the activities of the week. Breakfast is served at 7:30, classes convene at 8:15, and continue until 5:20. All students have periods through the day when they are not in classes.

Monday—

- 9:30 a. m. Orchestra practice.
- 11:30 a. m. Chorus or glee club rehearsals.
- Afternoon given over to athletic teams for practice.
- 7:00 p. m. Literary societies or public speaking program.

Tuesday—

- 11:40 a. m. Assembly. Special music, speaker, or student program.
- 6:30 p. m. Social hour.

Wednesday—

- 11:40 a. m. Music groups rehearse.

Thursday—

- 11:40 a. m. Public speaking program.

Friday—

- 11:40 a. m. Music groups rehearse.

Saturday—

- 11:40 a. m. Assembly. Music, speaker or other program.
- 7:30 p. m. Basketball game, movies, lecture course number, or school party.

Sunday—

- 8:45 a. m. Bible classes.
- 7:00 p. m. Community service by Y. M. C. A. and Y. W. C. A.

#### Fall Term Opens October 1

The fall term of the Northwest School of Agriculture will open for registration on October 1, 1928. Rooms will be opened in the dormitories on that day, and the first meal will be served at noon. Classes will begin at 8:00 o'clock on Tuesday, October 2. The fall term closes on December 21, 1928.

The winter term will open for registration on January 7, with classes beginning at 8:00 o'clock on January 8, 1929. The winter term closes March 29, 1929.

Students contemplating entering school this fall are urged to reserve their rooms immediately. This may be done by paying a deposit fee of \$2.00, which will apply on the first month's rent. Each dormitory room is furnished with two single beds, a dresser, table and chairs. The rooms are all lighted by electric light and heated by steam.

#### What to Bring

Each student should come provided with sheets, blankets, quilts, one bedspread, one pillow, three pillow cases, dresser scarf, towels, and necessary toilet articles.

For further information write to the Northwest School of Agriculture, Crookston.

## PERSONALS

Wallace Miller, '24, Roseau, has the honor of being one of four students in dairy classes at University Farm chosen to represent the Minnesota College of Agriculture in dairy cattle judging contests at the Dairy Cattle Congress at Waterloo, Iowa, October 1, and at the National Dairy Show at Memphis, Tennessee, October 13.

Juel O. Stephanson, of the class of 1929, passed away at his home near Pelican Rapids, September 6, after an illness of only a few days. The news came as a shock to his friends at the Northwest School as he had been very active in 4-H Club work in his home community during the present summer and was a candidate for a club leadership scholarship. Juel entered the school in the fall of 1926 and had a splendid record during two years in the class room and on the campus. Last winter he served as assistant trainer to the Aggie basketball team. He will be greatly missed.

A. H. Larson, Registrar, 703 S. Linestone St., Lexington, Kentucky, writes that the family is now nicely located and beginning to get accustomed to the southern environment. He adds, "We have taken a few rides into the country and it is very picturesque. The country is rolling, with many large farms. We were out far enough one day to see the Blue Ridge mountains in the distance. We spent one day at Boonesboro and saw the end of Boone's Trail, the location of Old Fort, built in 1776, and the place where Boone swung down the grape vine. There are many historical places nearby. We wish we could be present for some of the activities, such as the faculty party, faculty meetings and other events of the school. We will be thinking of every body on October 1."

Mrs. H. A. Pflughoeft received the sad news of the death of her mother at her home in Madison, Wisconsin, on August 25. Mr. and Mrs. Pflughoeft left immediately for Wisconsin, where they will spend a few weeks before returning to the campus.

Alfred Voxland, '24, McIntosh, who completed the special cowtesters' course in 1927, is employed by the cowtesting association at Upsala, Minnesota.

Della Strommer, '25, is now located at Bagley, where she has a position in a doctor's office.

Richard Cowan, assistant in farm motors in 1920-21, died at Coachilla, California, September 8. For the past four years he had made his home in California.

Hannah Degerness, '27, is enjoying her work at the Moorhead Teachers College. Her address is box 43, Moorhead Teachers' College, Moorhead.

Gertrude Schaaek, '28, has entered the Bemidji Teachers' College at Bemidji.

Earl R. Anderson, '23, who is farming near Allen Hills, Saskatchewan, sent a very fine sample of Marquis wheat grown on his farm this year.



BUSINESS DEPARTMENT