

Northwest School News

Six issues published annually by the Northwest School of Agriculture, University of Minnesota, Crookston. Entered as second class matter, December 2, 1916, at the Post Office at Crookston, Minnesota, under the Act of August 24, 1912.

VOLUME XXXVI.

Crookston, Minnesota, August-September, 1952

NUMBER 5

Fall Term Opens September 29

With an advance registration of 429 students, the 47th year of the Northwest School promises to be one of the best in its history. A number of additional registrations are expected before the opening day which will probably bring an attendance total of some 435 students.

The same registration plan, as followed in previous years, will be followed again this year. All freshmen and new students should register on Monday, September 29. Former students may also register during the afternoon of September 29 and the morning of September 30. While the upper classmen are completing their registration on the morning of September 30, the freshmen and new students will be taken on a guided tour of the campus and school buildings beginning at 9:30 A.M. The first school assembly will be held at 11:30 A.M. on September 30, at which time the members of the faculty will be introduced to the students and the school announcements will be made whereby classes can start at 1:15 P.M. on that day.

The school year of 1952-53 will be the last year in which the three-year ceremony (continued on page 2, col 3)

Homecoming, October 25

The annual Homecoming for alumni, former students, and friends of the Northwest School will be held on Saturday, October 25.

Highlighting the events of the day will be the football game between teams of the West Central School of Agriculture of Morris and the Northwest School team. Almost regardless of how good or how poor the teams are in their first games, the teams are always at their peak performance for the Homecoming game.

The annual "pep-fest" which includes the torchlight parade, bonfire, and speeches of alumni and team members will be held on Friday evening, October 24. The Homecoming assembly program will be held at 11:00 A.M. on Homecoming day. The Homecoming queen and her attendants will be announced between halves of the football game with the formal crowning of the queen to be a feature of the Homecoming dance in the evening.

The Jimmy Dunn orchestra of Grand Forks will furnish the music for the Homecoming dance.

Officers of the Northwest School Alumni Association who will cooperate with the faculty and student committees in the Homecoming arrangements include: President, David Short; Vice-president, Perry Brantner; Treasurer, Michael Harty, and Secretary, Berneil Nelson.

New Faculty Members Announced

New faculty members who have been secured to fill the vacancies in the teaching staff at the Northwest School, are as follows:

Charles Whiting, of Crookston, has been appointed to succeed Thomas Anderson as instructor, assistant coach, and assistant counselor in Robertson Hall. Mr. Whiting, a graduate of Luther College, Decorah, Iowa, has a good record of teaching and coaching experience in high schools and will be a valuable addition to the athletic and teaching staff. During the current summer, Mr. Whiting has been manager of the Minakwa Golf Club of Crookston and has had experience as a professional baseball umpire.

Miss Patricia Harman of New Ulm, Minnesota, who graduated Magna cum laude from the Department of Music, University of Minnesota, Minneapolis, will teach vocal music. She replaces Miss Hazel Nelson. Miss Harman has spent the past summer in study in England and traveling on the continent.

Miss Elsie Kingston of Lakefield, Minnesota, a former member of the Home Economics staff at the Northwest School, returned to the campus on September first as manager of the school dining hall and instructor in home economics. She is a graduate in Home Economics from Iowa State College, Ames, Iowa. In addition to her college training, she has had successful experience in operating and managing a restaurant at Beresford, South Dakota, and during the past year was an instructor in the Lakefield, Minnesota, high school. Alumni and former members of the faculty are pleased to welcome back Miss Kingston after a lapse of a number of years.

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Parents' Day and Home Project Show To Be Held

Students of the Northwest School who have been enrolled in home economics, crops, weather, rural electrification, and collection projects are busy preparing their exhibits for the Home Project Show which will be an outstanding feature of the Parents' Day program on November 26.

Dr. J. L. Morrill, president of the University of Minnesota, expects to be present to meet with the Northwest School Parents' association and speak on the afternoon program. The Northwest School is honored by having the president of the University as a guest for that day.

Parents of Northwest School students are invited to come early on Parents' Day and visit school classes before the 11:00 A.M. annual meeting of the Northwest School Parents' Association. Jonas Didrickson, Badger, president of the Parents' Association, has called a meeting of the officers and directors of the Association for 10:15 A.M. in the school library preparatory to the general Association meeting at 11:00 A.M. in the school auditorium.

The parents of Northwest School students will be guests of the school and students at the noonday dinner in the school Dining Hall. The student program will be held in the school auditorium at 2:00 P. M. followed by the coffee hour in the school gymnasium.

Officers of the Northwest School Parents' Association are: Jonas Didrickson, Badger—president; Morris Grove, McIntosh—vice-president; and William Ash, St. Vincent,—secretary-treasurer.

County directors are: Joseph L. Bourgeois, Baudette—Lake of the Woods; Martin Landby, Swift—Roseau; Wm. S. Ash, St. Vincent—Kittson; Morris Grove, McIntosh—Polk; Arthur Gustafson, Oklee—Red Lake; Clark Nelson, Clearbrook—Clearwater; Lee Chilton, Mahnomen—Mahnomen; Melvin A. Nordquist, Hawley—Clay; John Stromstad, Lockhart—Norman; Robert McCalsion, Detroit Lakes—Becker; Archie Overgaard, Dalton—Ottertail; Albert Eftefield, Stephen—Marshall; and Emil Sanders, Goodridge—Pennington.

Northwest School Cooperates In District Flower Shows

The Ninth District Horticultural Society held three outstanding flower shows in the Red River Valley counties during the week of August 11. B. C. Beresford, horticulturist of the Northwest School and Experiment Station, secretary of the Association, states that the three shows this year were the most successful in the history of the

(continued on page 3, col. 1)



C. D. Whiting



Miss Harman



Miss Kingston

Northwest School News

Issued by
THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE

T. M. McCall, Superintendent
Northwest Experiment Station
OFFICE
Crookston, Minnesota

This publication issued six times a year;
bi-monthly.

Can Commercial Fertilizers Be Applied in The Fall?

O. C. SOINE

"Can commercial fertilizers be applied in the fall?" This is a very important question and has been asked by many farmers and commercial fertilizer companies during the past few years. Up to the present time, approximately 90 per cent of all commercial fertilizers are sold in the late winter and spring and are applied in the spring at seeding time. This practice has some disadvantages and also increases the cost of the fertilizer because the manufacturer has to provide large storage facilities to store his products until spring. In addition to this, it also produces a very uneven work distribution for the manufacturer which increases his costs.

The farmer also has to spend additional time and labor to apply fertilizer during the busy planting season. This is an important consideration in this area because of the short spring season and the large acreage some farmers must cover.

Experiments were begun in 1950, at the Northwest School and Experiment Station, Crookston, to determine if commercial fertilizers could be applied in the fall and give comparable results with spring applications at seeding time.

In the first experiment, Nitrogen was applied in October and disked into the soil, and the following spring at seeding time, the same rates were applied. Nitrogen was selected because it breaks down more rapidly and may leave the soil faster than phosphate or potash.

The following data gives the yield and protein content of spring wheat for the past two years:

Time of Application	Rate Lb.	Yield Bu./Acre	Protein Per cent
Previous fall	40 N	25.0	11.92
Spring	40 N	29.3	13.20
Previous fall	80 N	25.3	14.08
Spring	80 N	24.7	13.98
Check	0	21.0	12.90

The above data shows that the spring application of 40 lbs. of Nitrogen gives a better yield and protein content than the fall application. The 80 lb. rate of Nitrogen applied in the fall gave a slightly higher yield and protein content than the spring application. Of course, both rates gave better yields than the check plot which received no treatment.

In the second experiment, which was conducted in cooperation with the Soils Division, University Farm, St. Paul, fertilizer was applied in July and October, 1950, and in May, 1951. The plots were cropped to wheat in 1951 and the following data gives the results:

(continued in Column 2)



DR. J. L. MORRILL

Dr J L Morrill, president of the University of Minnesota, has been invited to speak at the Parents' Day program to be held November 26, Northwest School.

CAN COMMERCIAL FERTILIZERS BE APPLIED IN THE FALL?

(continued from column 1)

Effect of time of fertilizer application on yield of wheat at the Northwest Station, Crookston, in 1951:

Pounds of Nutrients/Acre	Time of Application	Yield Bu./Acre	Treatment Averages
N-P-K			
0-40-0	July, 1950	35.3	
0-40-0	Oct., 1950	36.7	
0-40-0	May, 1951	39.0	37.0 Bu.
0-40-40	July, 1950	41.2	
0-40-40	Oct., 1950	31.7	
0-40-40	May, 1951	39.0	37.1 Bu.
40-40-40	July, 1950	42.2	
40-40-40	Oct., 1950	36.5	
40-40-40	May, 1951	34.3	37.7 Bu.
0-0-0	July, 1950	26.5	
0-0-0	Oct., 1950	25.9	
0-0-0	May, 1951	26.0	26.1 Bu.

Time average yield:

Fertilizer applied in July, 1950....36.1 Bu.
Fertilizer applied in Oct., 1950....32.7 Bu.
Fertilizer applied in May, 1951....34.6 Bu.

The above data shows individual differences in yield of wheat from the various fertilizers and times of application, but the average for the time application, given at the bottom of the table, shows that the fertilizers applied in July, 1950, yielded slightly more. However, when phosphate alone was applied, the spring application gave the best yield, but in combinations such as PK and NPK applied in July gave better results than when applied in the spring.

It is difficult to summarize only one year's work, but the data seems to indicate that fertilizers applied in July yield slightly more than fertilizers applied in the spring. All of the treatments gave significant increases over the check plot. The important conclusion is that fertilizers can profitably be applied in the late summer or fall.

HOME COMING, OCT. 25

Seven Lettermen Return For Cross-Country

L. J. SUMPTION

With the chill of fall comes the thought among track enthusiasts of cross-country running. This is the case at the Northwest School as well as at the other Schools of Agriculture. Dual meets and the Conference run for the possession of "Cleo, the Rabbit" trophy will be held.

Prospects for the 1952 team are promising. Seven lettermen will be returning to school to provide leadership for the team. In addition, there are a number of good prospects among the new and older students. With several weeks of hard training, the Northwest Aggies should be able to hold their own against the favored Morris team in the Conference.

FALL TERM OPENS SEPTEMBER 29

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tificates of graduation will be issued. The school diploma will be awarded to students completing the full four-year course. The four-year diploma was granted for the first time in 1951-52.

A change in the fee structure was made at the Schools of Agriculture for the year beginning 1952-53. Beginning with this year, tuition will be \$21.00 per term with Health Service fee of \$4.00 and Student Activity ticket of \$3.50. For the students eligible for state Tuition Aid, the tuition of \$21.00 will be covered; in addition, each eligible student will be allowed \$5.50 per month for State Transportation Aid. Another change instituted this year is that the \$10.00 breakage deposit will be held by the University until the student completes his course or transfers from the school. To former students who have had deductions made from their breakage deposit, it will be necessary for them to keep their deposit up to \$10.00 at the beginning of each school year.

All faculty positions have been filled and all school buildings will be in readiness for occupancy on the opening day of school.

Some improvements of marked importance have been made in the school buildings during the summer months. The major improvements include new lighting fixtures in Hill Building and Robertson Hall, with new ceiling fixtures to be installed in Selvig Hall before the end of the school term. The interior of the school Gymnasium has been brightened up with new paint and the exterior walls of the Gymnasium have also been repaired.

While the enrollment of girls is slightly above 1951-52, the enrollment of boys has shown a marked increase. In order to accommodate the boys who wish to attend school, it has been necessary for the school to move all girls from Selvig Hall to the New Dormitory and move the freshmen boys to Selvig Hall, which means that three dormitories are filled to capacity with boys.

There have been no marked changes in the courses of study; however, new

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Football Prospects Good; Schedule Announced

H. H. LYSAKER

Eighteen lettermen are back from last year's strong team to give the Northwest School another very presentable eleven. An attractive seven-game schedule has been arranged with the first two home games being played under the lights in Highland park in Crookston.

Returning linemen who are lettermen are: Co-captain Gene Hovland, Erskine; James Letnes, Hillsboro, No. Dak.; Curtis Anderson, Caledonia, No. Dak.; Carrol Jensen, Hawley; Art Greenberg, Grand Forks, No. Dak.; Duane Halstenggaard, Fertile; Robert Dahl, Kennedy; Maynard Helgaas, Beltrami; Lorne Johnson, Argyle; Michael Whelan, Puposky. Returning backfield lettermen are: Co-captain Ralph Short, Beltrami; Bruce Kramer, Peoria, Illinois; Wayne Mosher, Beltrami; Dennis Hendrickson, Stephen; Donald Roberts, East Grand Forks; Ronald Olson, Alvarado; Harold Vig, Fosston, and Robert McNamee, Halstad. Two of the returning backfield men and three linemen were regulars last year. Stiff competition is expected again for every position because about sixty boys are expected back from last year's "A" squad and "B" squad. The first official practice will be on September 22 with about twenty-six boys scheduled to report for this week of pre-school workouts.

Football schedule:

October 3—Warren—There (night game); October 10—Fosston —There; October 18 — Grand Rapids — There (Homecoming); October 21—Waubun—Here; October 25 — Morris — Here (Homecoming); October 29 — Hallock—Here; October 31—Fertile—There.

FLOWER SHOWS

(continued from page 1)

district shows with a total of 1780 entries.

Three Ninth District Horticultural Society flower shows just completed attracted a record-breaking number of exhibitors and entries: August 11—Hendrum (Exhibitors, 76; total entries, 468; August 12—Stephen (Exhibitors, 60; total entries, 402); August 13—Pencer-Malung (Exhibitors, 120); total entries, 882).

Dr. L. C. Snyder of University Farm, St. Paul, judged the three shows and spoke at afternoon programs at each show.

Winner of the Munn trophy awarded to exhibitor winning most points in all classes of the show was Mrs. H. H. Hanson of Thief River Falls. Winner of the Oftedahl Gladiolus trophy was the Reverend Herman Hoffman of Ada. This award goes to the exhibitor with the most points in the gladiolus class.

The Ada Garden Club, whose president is Mrs. J. J. Teters, won possession of the Citizens' State Bank of Roseau trophy awarded to the club whose members total the most points at any of the shows.

The Pesek Certificates of Merit, (continued in column 3)

NEW FACULTY MEMBERS ANNOUNCED

(continued from page 1)

Miss Shirley Peterson of Alexandria, Minnesota, a graduate of the University of Colorado in 1951, received the distinction of being the outstanding graduate student in music that year. She has taken part of her undergraduate training at Oberlin Conservatory of Music, Oberlin, O., and did graduate work at the University of Minnesota this year. Miss Peterson will teach piano, assist with work in voice and girl's swimming.



Miss Peterson

She replaces Miss Diane Marquette. Miss Darlene Ruth Johnson of Bemidji, Minnesota, a graduate of the Bemidji State Teachers College in 1952, will teach English III and serve as faculty adviser for the 1953 A g g i e Board. She will fill the position formerly held by Mrs. Borgne Skorpén Edin.



Miss Johnson

Robert Hullinger North Dakota, who completed his work for his Master's Degree at the University of North Dakota in August, will teach Science and serve as dormitory counselor and preceptor at Robertson Hall. The Hullingers will live in the Robertson Hall apartment; their young daughter will attend public school in Crookston.



R. Hullinger

Faculty To Present Sunday Evening Program October 5

Northwest School faculty members of the music staff and English Department will open the series of Sunday evening programs for the school year. They will present a program in the school auditorium on October 5 at 7:30 P. M.

Taking part in the program will be Miss Patricia Harman and Miss Shirley Peterson of the music faculty and the Misses Margaret Larsen, Jean Kjorlie, and Darlene Johnson of the English Department.

FALL TERM OPENS SEPTEMBER 29

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equipment has been added to several departments whereby the work can be kept up-to-date in the vocational fields.

In the Home Economics work, a course in Household Science has been added which includes work in a variety of fields including home laundry. New laundry and unit equipment will be installed in the second floor of the Home Economics building preparatory to the complete overhauling of the Home Economics departmental equipment for 1953-54.

A great deal of interest has been shown on the part of new and returning students in the agricultural engineering, crops, and livestock work.

H. D. Fausch of the Department of Animal Husbandry, who was on leave last year, has returned to be in charge of the Animal Husbandry Department work. Mr. Fausch has completed his course work for his Doctor's Degree and will complete his thesis requirement some time during the year.

Lavon Sumption, who served as instructor in Animal Husbandry in Mr. Fausch's absence, will continue on with the Animal Husbandry school work as was taught last year and work with Mr. Fausch in the Animal Husbandry projects of the Experiment Station.

A full schedule of lyceum attractions, motion pictures and other entertainment has been arranged for the school year. Extra-curricular activities which will be in full force during the fall term include football, cross-country running, wrestling, swimming, and basketball getting under-way before the end of the fall term. In music, extra-curricular activities for the fall and winter term will include boys' and girls' glee clubs, mixed chorus, and band.

FLOWER SHOWS

(continued from column 1)

awarded to the sweepstakes winners of each show, were awarded to: The Reverend H. Hoffman, Ada, at the Hendrum show; Mrs. H. H. Hanson, Thief River Falls, at the Stephen show; and Mrs. Gordon Clark, Williams, at the Malung show.

Mrs. Jacob Rigg of Ada, Ninth District Society president, attended the Hendrum and Malung shows and spoke at each program.

COMING EVENTS NORTHWEST SCHOOL

- Sept. 29.....Fall Term Opens.
- Oct. 4.....Lyceum Program, 8:00 P.M.
- Oct. 5.....Faculty Program.
- Oct. 21.....Football—Here.
- Oct. 25.....Homecoming Here. Morris Aggies Here.
- Oct. 29.....Football—Here.
- Oct. 29.....Lyceum Program, 11:40 A.M.
- Nov. 15.....Lyceum Program, 8:00 P.M.
- Nov. 26.....Parents' Day and Home Project Show.
- Dec. 19.....Lyceum Program, 11:40 A.M.

1952-53 Teaching Staff Announced

All positions of the teaching staff of the Northwest School and Experiment Station for the 1952-53 school year are filled. Members of the faculty, as announced by Superintendent T. M. McCall, are:

A. M. Foker, H. W. Soderburg, and William Barron—agricultural engineering; O. C. Soine—agronomy; E. N. Reiersgard, Registrar; H. D. Fausch, and L. J. Sumption—animal husbandry; A. M. Pilkey—poultry husbandry; B. C. Beresford—horticulture and forestry; Miss Margaret Larsen, Mrs. Alice Ittner, Miss Jean Kjorlie, and Miss Darlene Johnson—English, speech, and dramatics; Miss Retta Bede, Miss Elsie Kingston, and Mrs. Joyce Youngren—home economics; the Misses Patricia Harman, and Shirley Peterson—music; H. H. Lysaker, C. D. Whiting—social science, physical education and athletics; Miss Fae Hughbanks—business training; Robert Hullinger—Science; Miss Shirley Dalager—school nurse; and John A. Campbell and O. Sanderson—veterans (On-the-Farm) Training Program. The school physician will be announced later. Additional subjects taught by regular instructors named include history, civics, sociology, economics, marketing, applied art, public health, home nursing, first aid, and journalism.

Northwest School Briefs

***News Regarding Northwest School Alumni and Former Students:

***William S. Vasilakes of Lengby will teach Science at the Fertile High School this coming school year. He received his Bachelor of Science degree at Bemidji State Teachers College and his Master's Degree at the University of Minnesota.

***Martha Johnson of St. Paul will attend Macalester College, St. Paul, this year. She visited the campus on August 15.

***Arlene Solberg of Bagley will resume her teaching duties in a rural school north of Fosston.

***Byron W. Hess is editor and publisher of "The Sioux Center News" at Sioux Center, Iowa. He purchased this newspaper publishing company recently.

***Manferd Dietrich, son of William Dietrich of Owen, Wisconsin, visited with Superintendent and Mrs. T. M. McCall on the Northwest School campus August 23. Alumni and former students who were in attendance at the Northwest School during the period 1913-18 will remember Professor Wm. Dietrich who was animal husbandman at the school during that period. Manferd and his father are specializing in sheep breeding on their farm at Owen.

***Mr. and Mrs. F. T. Groves (Betty

Jones) and daughter, Barbara, visited the campus on September 12. They are living at 110 Zurbrick Rd., Depew, N. Y.

***Mrs. Don Bliven (Ethel Torkelson) of Pacoima, California, and her two sons visited the campus on August 15.

***Lt. Eleanor Torkelson is employed as a registered nurse at the U. S. Naval Hospital at Oakland, California.

***Miss Jean Kjorlie of Fargo, N. D., a Northwest School faculty member, was recently initiated into the Delta Kappa Gamma Society, a national honor society for women teachers.

***Forrest Mosher of Beltrami was elected an honorary camper at the 1952 Minnesota State Fair Farm Boys' Camp. He also received a wrist watch for attaining the highest number of athletic points during this year's camp period. Besides receiving the highest number of points for this year, he totaled the second highest number in the 40-year history of the camp.

***A/3C Donald Miller of Crookston received his basic training at Lackland and Wichita Falls air force bases, Texas, and recently completed a 90-day general jet course at Amarillo air force base. He is now completing his instructor's training at Amarillo, Texas, and will remain there as an instructor in jet mechanics.

***Orvis J. Engelstad, a 1952 graduate of the University of Minnesota, is now studying for his Master's Degree in soils at the College of Agriculture, University of Minnesota.

***Dick Bonner will enroll this fall at Augustana College, Rock Island, Illinois. He has been a student for the past two years at North Park Junior College, Chicago, Illinois. His address is 601-38th Street, Rock Island, Illinois.

Marriages

***Miss Elaine Kopecky of Angus to Charles A. Johnson on August 8, at Grand Forks, North Dakota.

***Miss Francis Hofacre of Clearbrook to Herman Tribon of Waterloo, Iowa, on August 23, at Nashua, Iowa. Their address is Waterloo, Iowa.

***Miss Betty Fondell to Dick Bonner on August 16 at Chicago, Illinois.

***Miss Marlys Sargent of Crookston to Orvis P. Engelstad of Fertile on September 13 at Crookston, Minnesota.

***Miss Darlene Ann Larson of Red Lake Falls to Kenneth Ewing of Beltrami on July 26, at Red Lake Falls, Minnesota.

Births

***To Mr. and Mrs. Kenneth Schuett (Lillian Qualley) of Carbondale, Illinois, a daughter on August 4.

***To Mr. and Mrs. Norman A. Johnson (Camilla Ecklund) a son on August 8, at Hopkins, Minnesota. Their address is 6312 Waterman Avenue, South, Hopkins.

***To Mr. and Mrs. Byron W. Hess of Sioux Center, Iowa, a son, on August 23.

***To Mr. and Mrs. Lavon J. Sumpston, Northwest School campus, a son, on August 4, at Crookston, Minnesota.

4-H Queen, Attendants



Pictured above are three Northwest School students who won awards at the West Polk County 4-H Achievement Day held in East Grand Forks on September 13. Estelle Flatten (center) was chosen queen and her two attendants are Elaine Thureen (left) and Evelyn Holy (right). The three girls, all members of the Northland 4-H Club and all of rural East Grand Forks, were chosen tops from a field of 18 on the basis of homemade clothes they modeled at a style revue.—(Courtesy of Grand Forks Herald)

**PLAN TO ATTEND
HOMECOMING
OCTOBER 25**