

Northwest School News

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NUMBER 5

50th SCHOOL YEAR OPENS SEPTEMBER 26; FULL ENROLLMENT IS ASSURED

With approximately 400 paid room reservations on September 1, the 50th annual opening of the Northwest School promises a capacity enrollment. With an increasing number of transfer students enrolling, the two upper-class dormitories for boys have been filled to capacity and many of the transfers will reside in Selvig Hall, which in the past has been designated as a freshmen boys' dormitory.

With the completion of the Home Economics building and its installation of modern equipment for the girls in home economics, the girls enrolled will be able to get the maximum benefit from the work in the home economics courses. The boys can profit greatly this year by finding increased opportunities to elect subjects in agricultural engineering. The new instructor added to the Northwest School staff this year will teach in the agricultural engineering department, which means that with four instructors in agricultural engineering many more courses can be offered each term than were offered previously.

A great deal of work has been done during the past summer in getting the dormitories and school buildings in good shape for the opening of the fall term. A new coat of paint has brightened up the exterior of Robertson Hall and the interior decorating which was started two years ago has now been completed. The New Dormitory for girls will get a new coat of paint on the exterior with interior decorating in that building scheduled for the summer of 1956.

The new animal husbandry building annex, for which funds were appropriated in the 1955 Legislature, is now in the planning stage. The building schedule calls for the receipt of bids in late January whereby the contractor can start building operations shortly after April 1st, 1956, in time to complete the structure for the opening of the fall term in 1956.

The registration plan followed in previous years will be followed again this year. It is expected, however, that all of the students will complete their registration on Monday, September 26, so that all enrollments and preparation for classes can be completed by assembly time on Tuesday, September 27, with classes starting at 1:15 p. m. on that date. All new students will be taken on a get-acquainted tour of the campus on Tuesday morning, September 27, at 9 a. m. The fall term will officially open with the assembly program at 11:30 a. m. on September 27, with Superintendent T. M. McCall as speaker.

The faculty will hold their first faculty meeting at 7:30 p. m., Saturday, Sep-

tember 24, which will be followed by the reception to the faculty given by Superintendent and Mrs. T. M. McCall at their home.

The Northwest School has been fortunate in that it has lost only a few of the staff members during the school year, and the school has also been very fortunate in that excellent replacements have been secured to fill the vacancies.

An excellent program of entertainment has been arranged for the students at the Northwest School this year. Outstanding attractions have been secured from the University Lyceum Bureau which together with full-length motion pictures, school parties, and athletic events, round out a full program for all of the students enrolled.

Considerable new equipment has been secured for the football squads. The expectations are that 60 to 70 boys will be trying out for football this year. A great deal of enthusiasm was aroused during the past year in cross-country and a record turnout of boys is expected for tryouts in cross-country competition. Basketball, wrestling, and swimming teams will get started before the end of the fall term for full seasons of subcollegiate competition.

A new part-time instructor has been secured for the school band, who will spend a day and one-half at the school each week in giving private and group instruction to school band members. The new band instructor is Larry Lee of Crookston. Mr. Lee is a graduate of St. Olaf College with a major in music.

Homecoming Scheduled For October 22

Homecoming, one of the outstanding events of the fall term at the Northwest School, will be held on Saturday, October 22.

A full program of events has been arranged for Homecoming beginning with the bonfire, torchlight parade and pep fest on Friday evening, October 21. On Saturday, the judging of the dormitory Homecoming decorations and the Homecoming assembly program are scheduled for 10:30 and 11:15 a. m., respectively. The Homecoming football game with the Fertile High School and the crowning of the Homecoming queen will be the highlights of the afternoon program on October 22.

A football team dinner will be held in the school Dining Hall at 6:00 p. m. The Homecoming queen will be formally presented at the dance which will be held in the school gymnasium at 8:00 p. m.

A large number of Northwest School alumni, former students, and former staff members are expected to be in attendance for Homecoming.

Wheat Fields Sprayed For Rust

A cooperative aerial spraying project for the control of black stem rust of wheat was started during the past summer. The Departments of Plant Pathology and Agronomy from the Institute of Agriculture, University of Minnesota, St. Paul, are cooperating with the Departments of Agricultural Engineering

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The mixed octet is one of many music groups at the Northwest School which appears on programs during the school year. Pictured above is last year's octet—(reading from left to right): Marilyn Balstad, Marlys Love, Jeanette Love, Kathryn Clementson, Donald Wald, Howard Duncan, Walter Fehr, and Willis Finifrock.

Northwest School News

Issued by
THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE

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

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bi-monthly.

Teaching Staff For 1955-56 School Year

Members of the faculty for the 1955-56 school year, as announced by Superintendent T. M. McCall, are as follows:

E. C. Miller, H. W. Soderburg, Wm. Barron, Sr., and Wm. O. Menzhuber—agricultural engineering; O C. Soine—agronomy; E. N. Reiersgord—Registrar, algebra, chemistry; H. D. Fausch and Diedrich Reimer—animal husbandry; A. M. Pilkey—poultry husbandry; B. C. Beresford—horticulture and forestry; Miss Margaret Larsen, Mrs. Alice Ittner, Mrs. Jolanda Gumlia, and Mrs. Mary Paul—English, speech, dramatics, and journalism; Miss Retta Bede, Mrs. Evelyn Peterson, and Mrs. Myrtle Brown—home economics; Miss Rose Marie Johnson and John A. Miller—music; H. H. Lysaker—physical education and athletics; C. D. Whiting—social science, history, and athletics; Miss Fae Hughbanks—business training; Jaroslav Kruta—general science, biology and athletics; Mrs. Ruth Ann Kruta—school nurse, public health and home nursing; and Larry Lee—band.

Additional subjects taught by regular instructors named include civics, sociology, economics, marketing, applied art, clothing, first aid, and business law.

Staff Attend Swine Breeding Laboratory Tour

Superintendent T. M. McCall and H. D. Fausch, animal husbandman, of the Northwest Experiment Station, attended the Minnesota section of the Regional Swine Breeding Laboratory tour on July 20, 21, and 22. Representatives from eleven states whose experiment stations are cooperating in the Regional Swine Breeding Laboratory work began their tour at the West Central Experiment Station at Morris, spent one day at the Rosemount Experiment Station, and on the third day viewed the work at the Southern Experiment Station at Waseca and the swine breeding work which is being conducted at the Hormel Institute at Austin.

Small herds of the Minnesota No. 1 breed of swine, which was developed at the North Central Experiment Station at Grand Rapids, and the Minnesota No. 2 swine which was developed at the Northwest School and Experiment Station at Crookston, were shown at the Rosemount and Waseca Stations. The new Minnesota No. 3 breed of swine was shown at the Rosemount Station.

Agricultural School Leadership Conference Held

A faculty-student leadership conference with representatives from the regional Schools of Agriculture of the University of Minnesota was held for the first time at Itasca Park on September 10, 11, and 12. Ten students, five boys and five girls, from the upper classes in the Agricultural Schools at Crookston, Morris, and Waseca, and five boys from the North Central School at Grand Rapids with faculty advisers and school superintendents met for a discussion of school problems at the Forestry School Camp in the beautiful Itasca State Park. The students selected from each of the schools are leaders in school organizations and many are officers of their respective classes.

The students were made acquainted with their University by representatives from the University staff and made acquainted with the Itasca State Park by guides and lecturers from the State Park Service.

The conference program consisted of panel and group discussions of extra-curricular activities at the schools and ways and means of maintaining high scholarship among the students of the different schools. The fall conference of the superintendents of the Schools of Agriculture was held in conjunction with the leadership conference.

In addition to Superintendent and Mrs. T. M. McCall, the faculty leader for the boys from the Northwest School was E. N. Reiersgord; the faculty leader for the girls was Miss Retta Bede.

Students selected to represent the Northwest School at the first Agricultural School Leadership Conference included: Allen Dragseth, Eldred; Walter Fehr, East Grand Forks; Donald Died- (continued on page 3, col. 3)

Sixth Annual Turkey Day, October 21

A. M. PILKEY

The sixth annual Turkey Day will be observed Friday, October 21, at the Northwest School and Experiment Station, with the program beginning at 1:30 p. m. in the school auditorium.

The results of the 1955 feeding trials will be given which will include six yearly feeding trials using the Minnesota Standard 25 per cent protein ration, two years of feeding a 28 and 34 per cent protein ration, one year of feeding a modified 28 per cent protein ration, and the limited feeding of a 34 per cent ration. The results of the disease control projects will also be reported on Turkey Day.

Program plans are not yet complete. Efforts are being made to arrange a special turkey program of utmost interest to the women, covering the buying, preparing, cooking and serving the family turkey dinner.

Dr. Benjamin S. Pomeroy, head of the Department of Veterinary Medicine, University of Minnesota, St. Paul, a national authority on turkey diseases and director of the disease control project at the Northwest Experiment Station, will be one of the speakers as will Dr. P. E. Waibel, recently appointed poultry nutritionist, University of Minnesota, St. Paul.

There will be a conducted tour of the turkey projects and the results of this year's feeding and disease control trials will be presented.

Turkey growers, breeders, hatcherymen, and feed manufacturers are urged to keep this date open and attend Turkey Day at the Northwest School on October 21.

(By A. M. Pilkey, Poultry Husbandman, Northwest School and Experiment Station, Crookston)



A large number of home economics courses are offered at the Northwest School. Pictured above are three girls from last year's Senior Sewing class and include (reading from left to right): Bernice Jones, Goodridge; Jeanne Vanek, Angus; and Shirley Norgaard, Bemidji.

Corn And Soybean Day Set For October 7

Friday, October 7, has been set as a field day for the inspection of the comprehensive field test trials of soybeans and corn variety trials at the Northwest School and Experiment Station, Crookston.

The growing of corn for grain and the growing of soybeans for a seed crop has been more or less hazardous in the Red River Valley up until a few years ago with the development of new and earlier varieties and hybrids of those crops. Both corn and soybeans have been grown consistently in experimental and increase plots for many years at the Northwest Experiment Station. In both crops, it seldom was possible to get mature crops before frost offener than three years out of five. Farmers who have been growing corn for feed have found it necessary to have dryers whereby the corn could be artificially dried in order to have the crop stored properly and retain its feeding value as feed grain.

New corn hybrids for the Northwest have been developed by the North Dakota and Minnesota Experiment Stations so that now dependable hybrids can be secured which will ripen in average years. Similar developments have occurred in the production of soybean varieties; and, as a result of the development of early varieties, the soybean belt has been moving constantly northward whereby the southern part of the Red River Valley has accepted soybeans as a cash seed crop.

More than 2,000 experimental rows of soybeans are in the Northwest Experiment Station tests this year. A comprehensive test of all of the earlier strains of hybrid corn varieties together with increase fields of the earlier hybrids can be seen on Corn Day.

The program will start at 2:00 p. m. in the school auditorium. Farmers and others interested are invited to attend.

Large Turnout Expected For Football

H. H. LYSAKER

From advance reports, a large turnout is expected for the opening football practice at the Northwest School. By the time school starts, the squad should number seven-five. Football camp will be held at the Northwest School, for all boys interested, the week before school begins—September 19 to 24. The boys on this year's Aggie football team have a big rebuilding job to do after last spring's graduation losses.

Backfield returning lettermen are: Co-captain Richard Miller, Crookston—quarterback; Leon Driscoll, East Grand Forks — left half-back; and Harold Moe, Beltrami—right half-back. Returning linemen who lettered last season are: Co-captain Frank Szczepanski, Stephen—a guard who will be switched to full-back; Anthony DeCesare, Flushing, N. Y.—end; Claude Mosher, Lockhart—guard; Eugene Austin, Gilby, N. Dak.—tackle; Eldon Hanson, Lockhart—end;

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New Staff Members Announced

The Northwest School will open with a full staff of instructors in all departments. A number of new staff members have been appointed to fill the vacancies created by the resignation of former staff members.

Diedrich Reimer, a new member of the Northwest School and Experiment Station staff in the Animal and Dairy Husbandry Department, assumed his



D. Reimer

duties at the Experiment Station on August 16. Mr. Reimer, a Canadian and a graduate of the University of Manitoba, began his graduate work in animal husbandry at the University of Minnesota in 1953. He received his M. S. degree in Minnesota in 1955 and has completed the major portion of his graduate work for the Ph. D. degree in Animal Breeding. The Reimers and their infant son are residing on the Northwest School campus.

Miss Rose Marie Johnson of Herman, Minnesota, has been appointed as instructor in piano. She will succeed Miss Mary Croal who resigned to continue graduate work in her chosen field.

Miss Johnson is a graduate of Carleton College, Northfield, class of 1954, and during the past year has served as organist and parish worker at Burlington, Iowa. Since graduating from college, she has also been giving private instruction in piano.



Miss Johnson

While in college, she served as secretary in the Music Hall office, was a member of the college choir, served as choir president and choir monitor, and member of L.S.A.

Mrs. Jack D. Paul, (formerly Mary Ann Langness) of Minot, North Dakota, has accepted the position as instructor in third year English and dramatics, the position held by J. W. Mlinar last year.



Mrs. Paul

Mrs. Paul received her B.A. degree in English at Grinnell College, Grinnell, Iowa, in 1954, and continued with graduate work in English at the University of North Dakota during the past year. She is a member of Delta Phi Delta sorority, the Honorary Art Fraternity and secretary of the Graduate Club at the University of North Dakota.

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Is Our Climate Getting Warmer?

O. C. SOINE

Several individuals have expressed the belief that our climate in this general area is getting warmer and the weather record maintained by the Northwest School and Experiment Station seems to indicate this fact for this year. However, a study of the long-time records fail to show any definite pattern in this direction.

The mean temperature for the first eight months of 1955 is only slightly above average but a month-by-month comparison shows six of these months to be above average. The spring and summer temperatures have been higher than the long-time averages with April showing the greatest variance.

A review of the temperatures for 1954 show that the mean temperature for this same period was slightly below normal and only two months were above average.

The temperatures for July and August have been rather high but no record has been broken. The highest reading has been 96 degrees compared to the all-time high of 108 in July of 1917.

The following table gives the mean temperature for each month and the averages for the past two years compared to the 40-year average:

	Mean Temperature		
	1954	1955	40-yr. average
Jan.	-4.6 degree	6.4 degree	5.3
Feb.	23.4 "	4.4 "	7.9
March	23.2 "	12.3 "	25.7
April	37.6 "	47.7 "	41.1
May	48.7 "	58.8 "	54.5
June	63.3 "	64.4 "	63.8
July	70.0 "	72.2 "	69.9
Aug.	65.6 "	71.5 "	67.3
Average	40.9 "	42.2 "	41.9

Higher Precipitation in 1955

The precipitation in this general area has been somewhat spotted. The total to date has been two and one-half inches above normal. July showed the greatest variance.

The following table gives the precipitation to date compared to the long-time average:

	1955	Precipitation 50-yr. average
January	0.37 inch	0.54 inch
February	0.77 "	0.67 "
March	1.05 "	0.83 "
April	1.27 "	1.62 "
May	3.46 "	2.73 "
June	3.29 "	3.30 "
July	5.18 "	2.85 "
August	2.50 "	2.87 "
	17.89 "	15.41 "

(By O. C. Soine, Agronomist and Weather Recorder, Northwest School and Experiment Station, Crookston)

LEADERSHIP CONFERENCE HELD

(continued from page 2)

rich, Warren; Fred Ophus, Erskine; Richard Miller, Crookston; Arlene Christianson, Goodridge; Kathryn Clementson, Erskine; Theone Larson, Twin Valley; Jean McWilliam, Winger; and Janice Michaelson, Euclid.

NEW STAFF MEMBERS

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Wm. O. Menzhuber of Crookston has been appointed to fill a new position as instructor in agricultural engineering. The new position was created to take care of the added load of teaching in the Agricultural Engineering Department.



W. O. Menzhuber

Mr. Menzhuber, as fourth man in the department, will teach some of the sections in carpentry, farm shop, and mechanical drawing. Mr. Menzhuber is a graduate of the Moorhead State Teachers College in Industrial Arts and received his Bachelor of Science degree in 1949. He has also taken one year of graduate work at the University of North Dakota. He has had two years of teaching experience in industrial arts in public schools and two years of experience in cabinet work with a local millwork company. Mr. Menzhuber and his family will reside in Crookston at 236 Second Avenue North.

FOOTBALL

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Fred Ophus, Erskine—guard; and Duane Wagner, Fisher—end. A number of other boys who were on the squad last year are going to make it difficult for the lettermen to hold their positions.

The 1955 football schedule: October 4—Warren, here; October 7—Grand Rapids, there; October 12—Walker, there; October 19—Fosston, here; October 22—Fertile, here (Homecoming); October 28—Dilworth, here; November 4—Morris Aggies, there.

(H. H. Lysaker, athletic director and coach—Northwest School, Crookston)



Pictured above are a number of boys in a Field Machinery class with their instructor Wm. M. Barron. Reading from left to right, they are: Robert Zimny, Wendell Helm, Ernest Krabbenhoft (standing), Thomas Thompson, Charles Abentroth, George Grenier, Mr. Barron—Instructor, and Melvin Allrich.

NORTHWEST SCHOOL BRIEFS

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

***Marilyn Balstad of Fosston, a '55 graduate, won a scholarship to attend the 1955 session of the American Institute of Co-Operation National Conference. The conference was held at Purdue University, Lafayette, Indiana, August 6-12. She was one of sixteen 4-H or Rural Youth members chosen from Minnesota to attend the conference. She has been a member of the Rosebud Invincibles 4-H Club for nine years in which she served as president, vice-president, and Junior Leader. She has been active in many 4-H club projects as well as community activities.

***Edith Bergeson will attend the Lutheran Bible Institute at 13016 Greenwood Avenue, Seattle, 33, Washington, this coming school year. She will enroll there on October 10. During the past year, she has been employed in the business office at the Northwest School.

***A/3C Donald Murphy and A/3C Raymond Wiertzema, '55 graduates, are both stationed at Lackland Air Force Base, Texas, where they are completing military training. Their address: USAF Security Service, Box 1264, San Antonio, Texas.

***Simple Monastic vows were taken by Fr. Myron Kasprick (Roger Kasprick, '51) on July 11 which was Profession Day at St. John's University at Collegeville, Minnesota.

***CAMPUS VISITORS. Anne Quantock Schively of Albuquerque, New Mexico, visited the campus on July 22. Ervin A. Dahle, A/Sc, visited the campus recently. His address is 4060 Air Refueling Wing, Dow A. F. Base, Maine.

***Elaine Thureen is enrolled for Nurses' Training at the Swedish Hospital, Minneapolis.

***CAMPUS VISITOR: Simond E. Dahle received Wings and commission as 2nd Lt. in the United States Air Force on July 18 at Reese A. F. B., Texas. His present address: 407 Air Refueling Sqdn., Great Falls, Montana. He visited the campus on July 22.

Marriages

***Miss Bergit Johnson of Fisher to Allan L. Perry of Minneapolis on July 1, in Minneapolis, Minnesota.

***Miss Patricia Battles to Henry Landin on August 28, at Warroad, Minnesota.

***Miss Mary Lou Baird of Crookston to Marlin Hegg of Crookston, an August 21, in Crookston, Minnesota.

***Miss Marilyn Bushee to Peter J. Wald of Red Lake Falls on June 28.

***Miss Gladys Jurchen of Crookston to Eugene Wagner of Fisher, on August 21, at Crookston, Minnesota.

***Miss Leah Anne Lindenberg, of Hoople, North Dakota, to Dean Skjerven of Grafton, North Dakota, on August 10.

***Miss Donna Fugleberg of Roseau to Allen G. Magnusson of Roseau, on August 7, at Roseau, Minnesota.

***Miss Betty Van Baalen to Murray Goodwin of Angus, on August 27, at Angus, Minnesota.

***Miss Beverly Stinar of Warren to Arne E. Filipi of East Grand Forks, on September 2, at Moorhead, Minnesota.

Births

***To Mr. and Mrs. Donald Lundquist (nee Joyce Hunstad) of Karlstad, a daughter, Debra Joy, on March 18.

***To Mr. and Mrs. Dick Widseth (nee Clarice Thureen), a daughter, on June 24, at Ada, Minnesota.

***To Mr. and Mrs. William Barron, Jr., a daughter, on August 17, at Crookston.

***To Mr. and Mrs. Leonard Blade (nee Anna Mae Ecklund) of Alexandria, a daughter, Sandra Ann, on August 5

WHEAT FIELDS SPRAYED

(continued from page 1)

and Agronomy from the Northwest School and Experiment Station in the aerial spraying project for the control of black stem rust of wheat.

The 1955 spraying tests were conducted on a field of Durum wheat on the Strickler Brothers farm north of Euclid. Operations involved in the spraying project were directed by representatives of the Northwest School and Experiment Station. The calibration of the sprayer, mechanics of spraying, and the checking of the spray patterns were the responsibility of Agricultural Engineer E. C. Miller, assisted by H. W. Soderburg. Observations on control and checking of yields were the responsibility of O. C. Soine, agronomist.

The aerial spraying tests will be continued until such time as new rust-resistant varieties of Durum wheat are in full production.