

Northwest School News

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NUMBER 4

Fall Term Opens September 29

The fall term of the Northwest School of Agriculture will open on September 29 for the enrollment of all new students; former students may register as late as 11:00 A.M. on September 30.

Five vacancies on the teaching staff have been filled and the new members of staff will be introduced in the August-September issue of the Northwest School News.

Advance reservations for rooms in the school dormitories are coming in rapidly at the school and prospective students are urged to get their room reservations in as soon as possible to be assured of a choice of rooms.

A small change has been made in fees for the students enrolling for the fall term. State Tuition Aid of \$21.00 per term and State Transportation Aid of \$5.50 per month will be granted all students eligible for Tuition Aid; however, the Health Service fee of \$4.00 and the Activity Ticket fee of \$3.50 will be charged to all students. The breakage deposit of \$10.00 will be deposited only once during the period of student enrollment.

A descriptive four-page folder on School News, recently published, is available to all who ask for it. The folder gives information on the school relative to requirements for entrance. Copies of School News may be secured by writing the Northwest School requesting them.

Alumni Reunion Held June 28

The annual Alumni Reunion at the Northwest School and Experiment Station was held on Saturday, June 28, and was declared a great success by some two hundred alumni and members of their families present for the afternoon and evening program.

Four members of the 1912 class and two members of the class of 1913 and their wives and husbands enjoyed a get-together on the campus during the day and early evening. Mrs. Lula Caselman MacMurchy of Los Angeles, class of 1912, came the greatest distance of the members of that class and was awarded the prize for the oldest alumnus who came the greatest distance. Other members of the class present were Minnie Malm Eckman of Argyle, Mr. and Mrs. William Lindberg of Warren, Mr. and Mrs. William Thorkelson of Fertile, Mr. and Mrs. Martin Landby of Swift; and Sophie Monson Green, also of Swift.

Mr. and Mrs. Noel Hanson (Alyce Johnson) and children, from Honolulu, Hawaii, were awarded the prize for the couple coming the greatest distance. Mr. Hanson, who is on the research staff of the California-Hawaiian Sugar Company, showed motion pictures of

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O. M. Kiser Retired On June 30

O. M. Kiser, associate professor and animal husbandman at the Northwest School and Experiment Station, retired from University service on June 30.

Formal recognition was given by the University on June 19 to Mr. Kiser and other retiring University staff members who had periods of service of twenty-five years or more. Mr. Kiser received a Certificate of Merit from the University of Minnesota which was presented by President J. L. Morrill. He was also received into the order of "The Milk Pail"—a group of dairy husbandry men who have reached their retirement age.

Farewell parties honoring Mr. and Mrs. Kiser were given by the school faculty at the close of the school term last March and by the school and station employees on June 25.



O. M. Kiser

In paying tribute to Mr. Kiser for his work and accomplishments, Superintendent T. M. McCall said: "The herds and flocks at the Northwest School and Experiment Station have been built up to their high state of productivity under the guidance of O. M. Kiser. He has brought the beef and dairy herds successfully through serious infestations of tuberculosis and Bang's disease. The Holstein herd is now recognized as one of the high-producing herds of the state. Mr. Kiser and his associates at the Northwest School and Experiment Station have cooperated fully with the Regional Swine Breeding Laboratory and the State Director Dr. L. M. Winters in the inbreeding and crossbreeding of swine. The production of a new breed of swine, the Minnesota No. 2 hog, has been the most notable achievement of the swine breeding work. Foundation stock of the Minnesota No. 2 swine is being maintained at the Northwest Experiment Station where some 200 to 300 head of breeding stock is distributed annually. Experiments in crossing the Minnesota No. 2 swine with other breeds of swine, in the production of market hogs, are now in progress.

Notable work has been done in the feeding of beef cattle under the direction of O. M. Kiser. The most recent work done in this field, which has attracted national attention, has been the feeding of potatoes to fattening steers.

The flock of Shropshire sheep has been built up through the years to a high record of efficiency and is now

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750 Attend Crops and Soils Day

The annual Crops and Soils Day at the Northwest School and Experiment Station, which was held on July 18, was attended by an interested group of 750 crop growers and others. Speaking programs were arranged for the day as well as tours of the experimental field plots of small grains, potato, garden, weed, and forage crops.

At 10:00 A.M., the annual meeting of the Red River Valley Crops and Soils Association was held and the following officers were elected: Peter Schirrick, Sr., Red Lake Falls—president; Bennett Aarstad, Halstad—vice-president; Carl G. Ash, Crookston—secretary; and Otto Hoppe, Crookston—treasurer. A special program was also held at 10:00 A. M. for Veterans' On-the-Farm Training Program trainees.

A large group of interested crop growers visited the animal husbandry and poultry projects at the Station, in the forenoon, under the supervision of H. D. Fausch and L. J. Sumption of the Animal Husbandry Department and A. M. Pilkey of the Poultry Husbandry Department.

At the 1:30 P.M. speaking program, staff members from University Farm, St. Paul, took part in the program. T. H. Fenske, associate director of agricultural administration, spoke on "The Scope of Crops Work at the Minnesota Experiment Stations" and stressed the need for more research and experimental work. He also stated that the money, both Federal and State, which is spent for agricultural research is very small compared to the money industry spends for research.

In his brief remarks, Dr. Will M. Myers, new chief of the Division of Agronomy, emphasized the important place Minnesota occupies in supplying trained personnel for all fields of agriculture, both at home and throughout the country. He also stated that we need to work together with other agencies, states, and foreign countries to promote agricultural research.

Dr. E. C. Stakman, chief of the Division of Plant Pathology, spoke on "The Characteristics and Behavior of Race 15B." He made the following summary in collaboration with Dr. E. R. Ausemus, plant breeder from the Agronomy Division: "1. All commercial spring wheat varieties now grown are susceptible to Race 15B. 2. There are several new crosses with better resistance than the present varieties in row trials at the present time, and at least one in the 1/40th acre plot test. 3. There are no lines of varieties ready for increase or distribution at the present time but we are working hard and fast to produce new crosses that are more resistant than the present varie-

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Northwest School News

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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.

Home Project Work Of Northwest School Students

H. H. LYSAKER

About 290 boys and girls, students of the Northwest School of Agriculture, are continuing their schooling throughout the six-months period prior to the opening of the school term on September 29. This summer education work is in the form of "Home Projects" and presents an opportunity for students to demonstrate ability to put in to practice some of the approved farm practices taught in the classroom or demonstrated at the Northwest Experiment Station.

All students who expect to graduate from the four-year course are required to complete three summers of home project work. A summer's work in home project is defined as completing at least one three-credit project or two two-credit projects.

The agricultural and home economics projects offered give a wide variety of choice in the following groups: Agronomy and Crops Production, Livestock Production, Poultry Management, Farm Horticulture, Farm Engineering, Farm Accounting, Collection Projects, Community Service, Clothing and Textiles, Foods and Cooking and Home Furnishings, and Reading project.

The Reading project necessitates the reading of a required number of books throughout the summer.

Community Service includes the organization, promotion, and leadership of 4-H club and other community activities.

The Collection projects, include: Plant and Weed Collection—selection, mounting, and identification of farm plants and common weeds; Rock and Mineral Collections—includes collection, identification, classification, and mounting of the collections; Insect Collection—collecting, identifying, mounting and classification.

Farm Accounts—keeping a complete record of the farm business for one season or for one year. Comprehensive Project—consists in keeping a daily account of all worthwhile practices that are put into use at home such as: repair of machinery, building of brooder and hog houses, cleaning and disinfecting of brooder houses, cleaning for sows ready to farrow, care of sheep at lambing time, and countless other activities.

In Farm Engineering, the following projects are offered: Building Construction—planning and constructing buildings on the home farm; Tractor Records—consists in keeping daily re-

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4-H Club Week has Good Attendance

4-H club members from fifteen Red River Valley counties, totaling 599, attended the annual 4-H Club Week at the Northwest School of Agriculture, June 16-21.

In the first group of counties enrolled, June 16-18, West Ottertail county, with 83 club members present, topped the county enrollment honors followed in order by Clay, East Ottertail, and Norman counties. There were 353 club members enrolled in the first group of counties. Marshall county led in enrollment in the second group of counties in attendance, June 19-21, with 54 club members enrolled; Roseau county ranked second with 53 enrolled. 246 club members were enrolled in the second group of counties.

HOME PROJECT WORK

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cords of fuel, oil, grease, acres worked and at end of season, determining costs per hour, and per acre; interest and depreciation are also taken into consideration; Farm Shop—a record of all shop repairs made at home; Welding—this project is set up for boys interested in welding and who expect to do considerable welding, arc or gas, during the summer months; R. E. A.—here wiring plans are made (future and present), connected loads are itemized,

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Women's Camp Members Receive Awards

170 women from the Red River Valley counties of Minnesota and North Dakota attended the 27th annual Women's Camp at the Northwest School of Agriculture, June 9-12. Ninety-seven of the members were in residence at the school; others attended the daily sessions. Polk county ranked first in attendance of women at the camp, followed in order by Marshall and Clay counties.

Mrs. Ella Anderson of Crookston, with an attendance record of twenty-five of the twenty-seven Women's Camps, was awarded a silver anniversary silver bowl. Mrs. Emil Peterson of Middle River and Mrs. C. H. Roholt of Mayville, North Dakota, received floral bouquets for twenty-four years of attendance. Mrs. W. J. Cumming of East Grand Forks and Mrs. Christ Person of Thief River Falls received linen towel awards for twelve years of attendance. The eight women receiving the four-year attendance certificates were: Mrs. Carl G. Smith, Baker; Mrs. Leonard Frudhomme, Crookston; Mrs. Doyle C. Ogren, Moorhead; Mrs. Walter Nyquist, Moorhead; Mrs. Clarence Mattson, Felton; Mrs. Eric Landin, Warroad; Mrs. David Kelly and Mrs. Leo Delage of Crookston.

Miss Retta Bede served as camp director.



Pictured above are the officers who were elected at the 27th annual Women's Camp held at the Northwest School, June 9-12. They will serve for the 1953 camp. Reading from left to right: Mrs. Adolph Brule, Crookston—sergeant-at-arms; Mrs. Grace Cook, Middle River—treasurer; Mrs. Walter Nyquist, Moorhead—president; Mrs. Otto Haarstad, Newfolden—secretary; Mrs. Robert Rutherford, Euclid—vice-president.

Excessive Rains End Drought
O. C. SOINE

The month of June ended the four-month drought by bringing 4.77 inches of rain to this general area. This amount is over twice the total precipitation measured during the first five months of 1952 at the Northwest School and Experiment Station. An additional 5.64 inches can be added to this amount which represents the precipitation already measured as of July 22.

This rainfall was badly needed to end the prolonged drought in this area and will greatly help crops like potatoes, beets, and hay. It is doubtful that the small grain crops will be greatly benefited because they were too far advanced and damaged by the drought.

Our greatest monthly precipitation is recorded in June and has averaged 3.30 inches during the past fifty years. The rainfall for the month of June came in sixteen separate showers, two of which measured more than an inch. The rainfall for this past June has been exceeded eight different times but is considerable less than the all-time record of 8.46 inches measured in June, 1915.

The total precipitation for the first six months of 1952 is still 2.68 inches below the long-time average for this same period as indicated in the following table:

	1952	50-Year Average
January	0.66 inch	0.54 inch
February	0.19 inch	0.67 inch
March	0.34 inch	0.83 inch
April	0.69 inch	1.62 inch
May	0.36 inch	2.73 inch
June	4.77 inch	3.30 inch
Total	7.01 inches	9.69 inches

CROPS AND SOILS DAY

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ties. It should be understood that it is a hard job."

Following the speaking program, the group toured the field plots under the supervision of O. C. Soine, agronomist, and B. C. Beresford, horticulturist, of the Northwest School and Experiment Station. An open forum, with T. H. Fenske presiding, concluded the day's activities.

The following men from University Farm, St. Paul, were present and helped with the field tours and took part in the program: Will M. Myers, R. S. Dunham, R. G. Robinson, and H. L. Thomas—Division of Agronomy; E. C. Stakman, J. J. Christensen, C. J. Eide—Division of Plant Pathology; F. G. Holdaway, R. L. Fischer, A. G. Peterson, and B. A. Haws—Division of Entomology; F. A. Krantz—Division of Horticulture. The Northwest Crop Improvement Association was represented by Henry O. Putnam and John Parker represented the Midwest Barley Improvement Association. John Campbell, O. Sanderson and Wm. Barron of the Northwest School, veterans' on-the-farm training instructors and field men, also assisted with the program.

For the women in attendance at Crops Day, a tour of the buildings was conducted by Miss Retta Bede of the Northwest School faculty.

H. D. Fausch to Head Department of Animal Husbandry

H. D. Fausch, M.S., assumed the major responsibility in the operation of the Department of Animal and Dairy Husbandry at the Northwest School and Experiment Station on July 1. With the retirement of O. M. Kiser from the department on June 30, Mr. Fausch will direct all of the livestock maintenance and research projects at the Northwest



H. D. Fausch

School and Experiment Station and devote approximately one-half time to teaching work during the school year. During the past nine months, Mr. Fausch has been on leave of absence from the school for graduate work at the College of Agriculture, University of Minnesota, St. Paul, where he has completed his course work for his Ph. D. degree. His special research work has been in the field of animal breeding. He will complete the requirements for his advanced degree at an early date.

L. J. Sumption, who served as instructor on a temporary appointment during the leave of absence of H. D. Fausch, has now accepted a full-time appointment in the Department of Animal and Dairy Husbandry at the Northwest School and Experiment Station. With the appointment of H. D. Fausch to the head of the department, Mr. Sumption will fill the position formerly held by Mr. Fausch. Mr. Sumption will assist in the supervision of the research projects in animal and dairy husbandry at the school and station, teach animal husbandry subjects during the school year, and serve as coach of the cross-country team.



L. J. Sumption

ALUMNI REUNION HELD JUNE 28
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Hawaii and the cane industry during the afternoon and at the alumni dance during the intermission. The prize to the most recently wed alumnus was given to Mr. and Mrs. Dennis Carpenter, Thief River Falls, who were married on June 24.

David Short of Crookston, president of the Northwest School Alumni Association, presided at the business meeting which was held during the intermission of the evening program. New of-
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Crops Judging Team Visits Northern Minnesota
O. C. SOINE

Members of the 1951-52 Northwest School crops judging team recently enjoyed a three-day trip to the northern lake region of Minnesota. Members of the team who made the trip were: Paul Specht, Mahanomen; Richard Swenson, Angus; and Elmer Halstenggaard, Bejou. The group, accompanied by Coach O. C. Soine, left the Northwest School campus on Saturday noon, June 21, and drove up through Roseau, Baudette, and over to International Falls. On Sunday, the team visited all of the Range towns and saw the largest open pit mine in the world at Hibbing and visited other points of interest. On Monday, the group tried their luck at fishing at Cass Lake, but proved to be better crops judges than fishermen because Paul Specht was the only one who caught any fish.

The Crops Judging Team won first place in the Subcollegiate Crops Judging Contest held during the 1952 Red River Valley Winter Shows and were awarded a cash prize of \$110. This prize money was used to finance the trip.

Retiring Staff Members Honored

More than one hundred members of the Northwest School and Experiment Station and their families attended a community dinner and reception in honor of retiring staff members at the school on June 15. The honored guests were Mr. and Mrs. O. M. Kiser and Peter Hardle. O. M. Kiser, head of the Department of Animal and Dairy Husbandry and Associate Professor, retired after thirty-one years of continuous service at the Northwest School and Station. Peter Hardle, fireman and utility worker, reached retirement after four years of service.

At the formal program, tribute was paid Mr. and Mrs. Kiser for their years of faithful service to the school and station and community. Speakers were T. M. McCall, A. M. Foker, H. D. Fausch, and Miss Retta Bede. Gifts from their co-workers were presented to Mr. and Mrs. Kiser and Mr. Hardle.

Following the recognition program, Commander Loren Kiser of the United States Navy, who is stationed at the naval base at Norfolk, Virginia, showed views in color of scenes and historic places of the Mediterranean countries he had visited while in service with the United States Navy.

ALUMNI REUNION

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ficers elected for the two-year terms were: Perry Brantner, Georgetown—vice-president; Michael Harty, Crookston—treasurer; officers whose terms expire in 1953 are President David Short and Berneil Nelson, Crookston—secretary.

The Jimmy Dunn orchestra of Grand Forks, North Dakota, furnished the music for the Alumni Reunion dance.

O. M. KISER RETIRED ON JUNE 30

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recognized as one of the best flocks of that breed in the Northwest.

As a teacher, Mr. Kiser has always insisted on high standards of work from his students. This standard which sometimes seemed hard to the students has, however, won for Mr. Kiser the lasting respect of his students.

In public and community affairs, Mr. Kiser has rendered outstanding and unselfish service. He has served as secretary of the Red River Valley Livestock Association continuously since coming to the Northwest School and has served also as secretary of the Sales Committee of that organization. He has taken an active part in church work, Masonic lodge work, agricultural extension activities, and livestock judging at county and district fairs.

The Northwest School and Experiment Station will miss the Kisers; however, the record of Mr. Kiser's accomplishments will remain as an important chapter in the history of our branch of the University and Northwest School and Experiment Station."

HOME PROJECT WORK

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monthly meter readings are taken, and a final report is made giving an over-all picture of rural electrification.

Farm Horticulture includes: Potato Production—producing at least one acre of pure seed potatoes of recommended variety, using modern methods of disease control; Gardening and Truck Crops Production—this includes raising a home garden, or growing at least one-quarter acre of some truck crop for market; Planting a Windbreak—100 trees or more using recommended varieties and methods; Home Beautification—consists of improving home grounds with trees, shrubs, and flowers; Fruit Production—the growing of a collection of fruits for a home garden or growing one or more fruits commercially.

Agronomy and Crop Production projects offered are: Pure Seed Production—which consists of raising an acre or more of some recommended variety of grain, treating for disease, keeping it pure and determining cost of production; Fertilizer trials—determined by scientific experimental methods the value of various types of fertilizers on the farm when used on legume and grain crops; Corn Production—growing an acre or more of a recommended variety, determining yields, selecting seed, determining costs and in some projects making yield comparisons with Hybrid strains.

The Livestock Production projects are: Dairy Herd Management—where the student assumes care of a dairy herd on his farm for at least six months making regular reports in regard to feeding and management and keeping accurate accounts of milk production, butterfat test, and feed consumed; Feeding and Management of Baby Beef and Dairy Calf—with records on cost of feed, labor, and weight increases; Sheep Management consists of having the student take over the flock, dock

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HOME PROJECT WORK

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and castrate lambs, treat for stomach worms, if necessary dip sheep, keep labor, feed, and financial records; in Swine Production, the student takes over the management of the swine herd, practices good sanitation, keeps farrowing records, earmarks litters if possible, keeps labor, feed and financial records.

In Poultry Management, the students may choose one or more of the following projects: Poultry Production—the hatching, breeding, and feeding of chicks, including cost of production; Turkey Production—hatching, rearing turkeys, keeping records of all procedure; Poultry Culling—culling the farm flock, including demonstrations to neighbors; Poultry House Construction—building new or remodeling old poultryhouse following an approved plan.

Other varied projects include the following: Alfalfa Growing—which applies in a practical way the principles of alfalfa growing as taught in the school and to demonstrate a practical method of obtaining a successful stand.

Beekeeping—here the student applies the principles of scientific beekeeping as taught in the classroom and to promote beekeeping as a pleasant and profitable sideline on the farm.

Weather—here the student becomes an observer, measuring precipitation after every rain or snowfall and also noting wind and cloud movements.

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Pictured above is Mrs. Ella Anderson of Crookston (left) who received the silver bowl award for the outstanding record of twenty-five years of attendance at the Women's Camp at the Northwest School. Miss Retta Bede, camp director, (right), made the presentation at the Women's Camp held June 9-12.

Northwest School Briefs*****News regarding Northwest School alumni and former students:**

***Donald Nelson is a vocational agriculture instructor in the Tyler, Minnesota, high school.

***Orvis Engelstad received the award of the Order of Ski-U-Mah at the June graduation exercises at the University of Minnesota.

***Shirley Hamre is employed as a laboratory X-ray technician at Excelsior Springs, Missouri.

***A number of Northwest School alumni had a reunion on the school's campus on July 16; these were: Mrs. Erling Anderson (Ann Thoreson), Lynwood, California; Mrs. Al Pasbrig (Angela Filipi), Grand Forks, N. D.; Mrs. Daniel Letnes (Alpha Bruum), Grand Forks, N. D.; Mrs. Alfred Anderson (Lucille Lariviere), Grand Forks, N. D., and Mrs. Herman Johnson (Helga Moe), East Grand Forks.

Marriages

z***Miss Loretta Weiland, Thief River Falls, to Eugene Gust, East Grand Forks, on June 24.

***Miss Mary Perkins, Bagley, to Myron Yearous, on July 6, at Cottage Grove, Oregon.

***Miss Betty Lou Halliday, formerly of Fosston and recently of Colton, California, to Andy J. Parsell at Colton, California, on May 3. Their address is: 129 East G. Street, Colton, California.

***Phyllis Anderson to Gordon Solee on June 25 at Hillsboro, North Dakota.

***Miss Jean Parkin to Gene Johnston of Angus on June 4.

**Miss Elaine Sanden of Winona to Forrest Mykleby, formerly of Eldred, in June. Their address is: 524 Park Avenue, Albert Lea, Minnesota.

***Miss A. Borgni Skorpen to Charles Edin on June 1 at Valley City, North Dakota.

Births

***To Mr. and Mrs. Arlie Fredman (Betty Lou Hoff) a son, Gary Arlen, on June 12, at Conrad, Montana.

Deaths

***Dr. Harry Hedin of East Grand Forks, Minnesota, on July 2.

HOME PROJECT WORK

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In Home Economics, the Foods and Cooking projects are: Bread baking, baking of cookies, baking cake, and pie. Canning and Preserving requires putting up vegetables, fruits, and preserves. Meal Planning includes planning and preparing meals for one week following the principles of a satisfactory diet. The Clothing and Textile projects include making a housedress and lingerie set for self and making wool or silk dress for self. The thrift and handicraft section of Home Economics makes articles of practical value out of common materials. Home furnishing includes renovating and refurbishing one room in the home according to the principle of house planning.