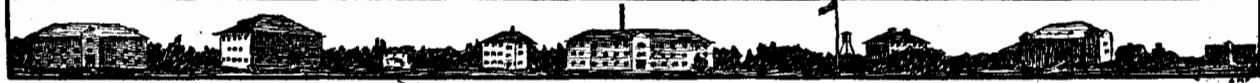


# THE NORTHWEST MONTHLY



Published Monthly by the Northwest School of Agriculture of the 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 XVIII.

CROOKSTON, MINNESOTA, SEPTEMBER, 1934.

NO. 10.

## NORTHWEST SCHOOL BEGINS TWENTY-NINTH YEAR OF SERVICE FALL TERM OPENS OCTOBER 1

When the doors of the Northwest School are thrown open for registration on Monday, October 1, this will mark the twenty-ninth annual opening of the School of Service. Ever since the fall of 1906 the staff and equipment of this co-educational institution have been devoted to the training of young men and women for lives of usefulness on the farms and in the farm homes of Northwestern Minnesota. That this training has contributed greatly to the success of our alumni is evident from the progress which they have made in their respective communities. The school is proud of their achievement.

Home project leaders E. R. Clark and R. J. Christgau report unusual interest this year on the part of parents and prospective students scattered throughout the fourteen northwestern Minnesota counties. Registrar J. W. Mlinar has also announced that the advance room reservation list is running considerably above the past several years. Although portions of the Red River Valley suffered severely from wind, drouth, and hail, crop yields were good to excellent in other sections and with satisfactory prices the fall term enrollment is expected to be the best since 1929-30.

Any boy or girl who has completed the 8th grade or who is 16 years of age or over is eligible to attend. Courses

for boys include English, history, mathematics, engineering, animal husbandry, farm management, dairying, agronomy, etc. The work for girls includes music, business training, nursing, dressmaking, home making, in addition to the regular academic subjects. A diploma is granted at the conclusion of three years work of six months each. Those who wish to return for a fourth or preparatory year are eligible to enter any of the colleges or

### RECENT CAMPUS IMPROVEMENTS

A great many permanent improvements have been made about the buildings and on the campus during the past six months, under the supervision of Professor A. M. Foker, Superintendent of Buildings and Grounds. Some of the more important items will probably remain unnoticed by the casual observer. Their value, however, will be appreciated never the less. New and stronger concrete

footings have been placed under the entire foundation of Robertson Hall. With this more solid bearing surface, the walls have been raised to their original height so that all floors are now perfectly level. This repair also involved considerable replastering



Dramatic Productions Are Featured Throughout the Year

and redecorating throughout the building. The old laundry on the ground floor has been enlarged to twice its former size. This change will provide more space for ironing boards and inside clothes lines. The shrivelling up of old mother earth during these years of dry weather has also made it necessary to install stronger and wider concrete footings under part of the dining hall foundations. Students leaving Kiehle building for Home Economics or

university in the state without examination. The entire cost for actual school expenses including board, room, flat laundry, books, fees, and entertainment for the full six months will average around \$126.00 per student. Most of the students live in the school dormitories, of which there are two for boys and one for girls. Parents are particularly appreciative of the home-like supervision and community life which sur-

(Continued on Page 2)

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Issued Monthly by  
THE UNIVERSITY OF MINNESOTA  
NORTHWEST SCHOOL OF  
AGRICULTURE

A. A. DOWELL, Superintendent

OFFICE  
Northwest Experiment Station,  
Crookston, Minnesota.

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

### MISS SMITH SUCCEEDS MRS. CYNTHIA HAUGLAND

Students and friends of the Northwest School will be sorry to hear that Mrs. Cynthia Haugland will not be back



to take charge of the work in English and Dramatics this fall. She joined the Northwest School family in 1930, after five years successful teaching experience in Wisconsin and Iowa. Her enthusiasm and friendly personality did much to popularize the important work which has been

carried forward by the English department. Mr. and Mrs. Haugland are at home in Minneapolis where Mr. Haugland is engaged in the practice of law.

Miss Dorothy M. Smith, who has been named to succeed Mrs. Haugland, is a graduate of the Oshkosh State Teachers' College, Oshkosh, Wisconsin, and has recently been granted a Masters' Degree in dramatics and English by the University of Minnesota. She has also completed one year's graduate study in English and speech at the University of Southern California, in addition to two years teaching experience in Wisconsin. Miss Smith is a member of Phi Beta Sigma, national scholastic society and of the Minnesota Masquers. She was associate editor of her college annual; assisted with the Minneapolis Players' Guild productions; participated in college dramatics, oratory and debate; coached declamatory work for two years; and directed an all-University production. She comes to the Northwest School with the training and experience which insures the maintenance of the high standards which have been set by the English department in past years.

### DOWELLS HONORED BY SURPRISE PARTY

Members of the Northwest School and Station staff held a surprise party at the campus home of Superintendent and Mrs. A. A. Dowell on September 19. The occasion was in honor of the return of the Dowell family from Washington, D. C., where Mr. Dowell had been engaged in special research work for the Department of Agriculture during the past year. The evening

was spent in renewing friendships and exchanging experiences of the past year. Those present included Superintendent and Mrs. A. A. Dowell and family, Mr. and Mrs. T. M. McCall, Mr. and Mrs. R. S. Dunham, Mr. and Mrs. O. M. Kiser, Mr. and Mrs. A. M. Foker, Mr. and Mrs. H. A. Pflughoeft, Mr. and Mrs. E. R. Clark, Mr. and Mrs. A. M. Pilkev, Mr. and Mrs. R. J. Christgau, Mr. J. W. Mlinar, Misses Retta Bede, Kate Bedard, Margaret Fvllin, Wilma Coss, Marie O'Connell, Mr. and Mrs. George Hillmon, Mr. and Mrs. A. J. Sunderland, Mr. and Mrs. Andrew Anderson, Mr. and Mrs. George Stensrud, Mr. and Mrs. Juel Torvi, Mr. Martin Rud and Mr. Alfred Lund.

### NORTHWEST SCHOOL BEGINS 29TH YEAR OF SERVICE (Continued from Page 1)

rounds the school dormitories. Students are also encouraged to take part in the many worth while outside activities such as the Y. M. C. A., Y. W. C. A., debate, public speaking, class plays, chorus, athletics, and livestock and farm crops judging work.

Prospective students should write the Northwest School for additional information. The fall term will open for registration Monday, October 1.

### STAFF ENTERTAINS McCALL FAMILY

Acting Superintendent and Mrs. T. M. McCall and Vincent Iverson, horticulturalist during the past year, shared honors at a dinner given the latter part of August by the Northwest School staff. The appreciation dinner was held in the school dining hall. Snapdragons were used to decorate the tables. Members of the staff expressed their appreciation to the honored guests for their important contributions to the success of the past school year. Professor and Mrs. McCall left the following day for a vacation trip through Iowa, the Century of Progress, and the Minnesota State Fair.

### WINTER SHOWS DATES ANNOUNCED

The forthcoming Northwest School Farmers' Week and Red River Valley Winter Shows will be held February 4 to 8, 1935. This date was announced following a recent meeting of the Winter Shows Board when the matter was discussed by representatives of the various cooperating organizations. Reports by individual directors indicate that all finances are in good condition and that the cooperating agencies are looking forward to another successful Valley week. During the past year T. M. McCall served as President of the board during the absence of Superintendent A. A. Dowell.

Members of the board include A. A. Dowell, President; John Saugstad, Business Manager and Secretary of the Northern Minnesota Poultry Association; F. A. Green, Stephen, Red River Valley Livestock Breeders' Association; C. M. Pesek, Red River Valley Dairy-men's Association; R. S. Dunham, Red River Valley Crops and Soils Association; E. W. Spring, Crookston Associa-

tion of Public Affairs; H. A. Pflughoeft, District Club Leader; and C. L. McNelly, District County Agent Leader. T. M. McCall, Vice-President of the Red River Valley Development Association, represented that organization at the preliminary board meeting.

### VINCENT IVERSON RESUMES GRADUATE WORK

Vincent E. Iverson, instructor and acting horticulturist for the past eleven months, left Crookston for his home in Minneapolis on September first. Mr. Iverson will resume his graduate work in horticulture at the Minnesota Agricultural College at the beginning of the fall quarter. With the return of Superintendent A. A. Dowell to the campus, Acting Superintendent T. M. McCall has again assumed



charge of the horticultural work.

Vincent Iverson, in the short time spent at the Northwest School, made an enviable reputation for himself in his line of work and made a host of friends throughout the Red River Valley. Mr. Iverson gave freely of his time and talents to the school and valley enterprises. He gave his enthusiastic support to the tree planting and farmstead beautification program sponsored by the Northwest School, and assisted communities in the beautification of public school grounds and the improvement of village parks. He also gave unstintingly of his time to school activities and was one of the sponsors of the Plant Industry club. The best wishes of the school and faculty go with Mr. Iverson as he continues his graduate work at the University this year.

### CHRISTGAU ANNOUNCES FOOTBALL SCHEDULE

The 1934 football schedule, announced by Coach R. J. Christgau, includes five games, two at home and three on foreign fields. One new opponent, the Minot Teachers' College eleven, appears on this year's schedule. The most important game of the 1934 season for the Northwest Aggies will be the annual conflict with the Morris Aggies, the game being scheduled for the Northwest School campus on Saturday, October 20 as the feature event of the Homecoming festivities on that day.

The completed 1934 schedule is:

October 5—Minot Teachers' College at Minot, North Dakota.

October 13—Bemidji Teachers' Reserve—here.

October 20—Morris Aggies—here. (HOMECOMING).

October 27—Grand Rapids Aggies at Grand Rapids.

November 2—Park River Aggies at Park River, North Dakota.

### S. A. ANDERSON JOINS PURDUE UNIVERSITY STAFF

S. A. Anderson, instructor in agricultural engineering and preceptor of Senior Hall, has recently been appointed



Extension Agricultural Engineer at Purdue University, Lafayette, Indiana. Mr. Anderson came to the Northwest School in the fall of 1928 as a graduate of the University of Illinois. More recently he was granted a Master's Degree by his Alma Mater.

In July 1933 Mr. Anderson married Miss Rose Polski, instructor in piano from 1926 to 1933.



During the past year they made their home in Senior Hall. While at the Northwest School both Mr. and Mrs. Anderson endeared themselves to faculty, students, and friends of the school throughout the Red River Valley. Their many friends join in wishing them much joy and happiness

in their new field. Their hearty cooperation and friendly council will be greatly missed during the coming school year.

### VALLEY DAIRYMEN ANNOUNCE ANNUAL CONVENTION

The Red River Valley Dairymen's Association annual convention will be held at Thief River Falls October 17-18. According to C. M. Pesek, Secretary of the Association, the convention will open Wednesday evening, October 17, with Dr. A. A. Dowell, President of the Red River Valley Dairymen's Association, as the principal speaker.

On Thursday morning, October 18th, butter judging contests for men and ladies will be held, followed by a business session.

A dairy maids milking contest will precede the afternoon meeting at which important addresses will be made by A. H. Lauterbach, Chief of the Dairy Division of the United States Department of Agriculture, Washington, D. C., L. A. Gibson, Dairy Commissioner, Winnipeg, Canada, and W. E. Peterson, Associate Professor, Division of Dairy Husbandry, University of Minnesota.

A special session for ladies will also be held on October 18th, with Julia O. Newton, State Home Demonstration Leader, speaking on "The Home in the New Era" and Miss Retta Bede, Northwest School of Agriculture, discussing culinary arts.

R. A. Trovatten, State Commissioner of Agriculture, Dairy & Food, will award prizes to the winning contestants at the Thursday evening session which will

close with special entertainment sponsored by the business men's organization of Thief River Falls.

### ROSEAU ALUMNI MEET

The second annual Roseau county Northwest School alumni picnic was held at the community park in Roseau, Sunday, August 26. A large and enthusiastic group was present to renew old acquaintances and to discuss matters pertaining to the county alumni association.

Following the picnic dinner, a business meeting was called by Miss Ann Brandli, '31, of Warroad, who is president of the Roseau county group. The secretary's report was given by Archie Lee, '23, Roseau, who holds the secretariat in both the county association and the Northwest School's General Alumni Association. Members present were unanimous in requesting that a Roseau county alumni directory be prepared and placed in the hands of all those now residing in the county. Officers of the county association who are: Anne Brandli, '31, Warroad, president; John Kappes, '21, Badger, vice-president; Archie Lee '23, Roseau, secretary-treasurer, will continue in office until the 1935 meeting. Upon completion of the business meeting Professor E. R. Clark, assistant agronomist at the school, addressed the group.

The concluding features of the afternoon's program were several races for the picnickers. The 50-yard dash for children under six years of age ended with prizes given to all contestants. The cracker eating contest for women was won by Mrs. Robert Hipsher of Warroad. In the cracker eating contest for men, first place was won by Charles Brandli of Warroad with Gustav Kveen of Roseau finishing second. William Austin of Malung won first place in the whistling contest for men while Archie Lee finished second in this contest.

All present voted the 1934 gathering a success. Professor and Mrs. E. R. Clark and daughter Mary Ellen, J. W. Mlinar, and Miss Mary Thompson represented the school at the picnic.

### WATERING LAWN AND PARK TREES

Much of the loss from winter killing and drouth injury to street and lawn trees can be avoided, according to T. M. McCall, horticulturist at the Northwest School at Crookston, by timely watering of the trees now. The injury to trees from drouth, insect injury and diseases has been cumulative over a period of several years and many of the more desirable species of lawn trees, both broad leafed and evergreen that are drying up prematurely this fall, may be past reviving.

The proper watering of drouth stricken lawn trees demands intelligent action for such trees are suffering from a lack of sub-soil moisture; hence, the first task is to replenish the subsoil supply. Either one of two methods can be employed to get water to the feeding roots of trees and shrubs; namely, surface or sub-surface watering. Surface or overhead watering of trees and lawns is the system most commonly

used about cities and villages where water can be secured under pressure. In general, where water is used in sufficient abundance to make a perfect lawn, then the trees and shrubs when given like amounts from the surface, will also thrive but where lawns are maintained by the dust sprinkling method, whereby one-tenth of an inch or less of water is applied at a time and at irregular intervals, the grass may survive but no water reaches the roots of trees or shrubs located in the subsoil. It is apparent throughout the Red River Valley that trees on well maintained lawns have survived much better than trees on lawns not regularly watered. If the subsoil is dry under the trees, then a succession of surface watering is necessary to get an adequate supply to the tree roots. A cultivated circular area one foot in width around the base of the tree makes a convenient basin to fill when watering the lawn under the tree. The feeding roots of the tree, however, extend out generally as far as the branches of the top; hence, this outer ring of feeding roots must receive water. Oftentimes, the surface must be saturated three or four times in order to get moisture to penetrate to a depth of three feet.

The sub-surface method of watering dry subsoils is generally most satisfactory when prompt action is necessary to save the trees. Commercial sub-surface irrigation systems can be installed or vertical tiles can be conveniently placed about the trees and shrubs if something of the more permanent type is desired. For emergency sub-surface irrigation, from four to six post holes can be bored out among the feeding roots; for large trees, these holes should be from two to three feet deep and should be filled repeatedly until the subsoil is moist. Commercial fertilizers, such as sodium nitrate or ammonium sulphate, may be dissolved in the subsurface irrigation water at the rate of one ounce to one gallon of water. Eight ounces would be the minimum application per tree at any one time.

Rainfall sufficient to revive lawns will not be adequate to give trees and shrubs sufficient water for good winter protection. A few test holes about the grounds will tell the story of the subsoil moisture supply.

### RECENT CAMPUS IMPROVEMENTS

(Continued from Page 1)

beyond, will appreciate the new cement walk which has been installed "around the bend." In the heating plant the two new automatic steam driven stokers will make themselves felt as colder weather approaches. These units are the very latest in design and efficiency for boiler firing. Not only will they eliminate all hand firing but will also maintain more uniform boiler temperature at a considerable saving of fuel.

The exterior wood work of the Home Economics building has received a new coat of ivory paint. This completes the new color scheme adopted a few years ago for all brick buildings on the campus. Plans are also under way to re-equip the home management quart-

ers on the third floor, and waiting room on the ground floor with comfortable, new, up-to-date furniture. Classes in bee keeping under Professor T. M. McCall will enjoy the new bee storage house which has been built just south of the bridge leading to the gardens and athletic field. This new building 12x18 ft. in size, will help materially in developing the bee industry at this station. It consists of a basement for wintering bees, a store room for supplies, and a small work room for extracting honey.

These new additions, together with the interior painting completed last winter in Stephens Hall, Home Economics and Kiehle buildings, the installation of new water mains and sewer system, and the usual routine of cleaning and scrubbing will put the physical plant in readiness for the opening of another successful school year on October 1st.

### NARVESON HEADS POLK COUNTY ALUMNI

In line with the policy adopted one year ago, upon recommendation of the General Alumni Association, to hold each year special reunions in the various counties of the Northwest School territory, alumni, students, and former students residing in Polk county held their second annual county-wide picnic on the Northwest School campus Sunday, September 9. The occasion also served as a welcome to Dr. and Mrs. A. A. Dowell and their daughters who recently returned to the school after an extended stay in Washington, D. C. where Superintendent Dowell was engaged in special work for the United States Department of Agriculture.

Staff members and their families joined with former students for the picnic dinner. Many interesting and humorous school events were recalled as graduates renewed school friendships.

The program following the picnic dinner was held in the Kiehle building auditorium with Carl Narveson, '20, superintendent of Erskine Public Schools, residing Mr. J. W. Mlinar opened the program with some community singing. The three Nisbets of East Grand Forks, Herbert '30, Jean '33, and Myrtle '33-34, rendered several music selections. An interesting account of work and experiences in Washington, D. C. was given by Superintendent A. A. Dowell. Following the

program, a brief business meeting was held at which time all present officers were unanimously re-elected for another year.

Present officers of the Polk county Northwest School Alumni association are: Carl Narveson, '20, Erskine, president; Mrs. G. S. Olson, '09, Beltrami, vice-president; Selma Hedstrand, '31, East Grand Forks, secretary-treasurer; Herman Simonson '32, McIntosh, Helmer Nornes, '31, Lockhart, and Mrs. Arnold Hanson (Edna Ross), '29, Fisher, directors.

The Polk county meeting was the third of a series of county meetings. A tri-county meeting of Red Lake, Pennington, and Marshall counties was held at Thief River Falls June 16. The Roseau county alumni met at Roseau Sunday, August 26.

## PERSONALS

Miss Edna Erdmann and Mr. Ernest Newhouse '28, were married Monday, September 3, at Crookston. Attending the couple were Miss Martha Erdmann of Crookston and Mr. Lawrence Newhouse '30, of Fargo. Mr. and Mrs. Newhouse will make their home in Duluth.

Recent campus visitors include Walter Turgeon '24, of Brooks; Edwin Widseth '32, who has been working on the state highway near Euclid during the summer and left September 14 for football practice at the University of Minnesota; Helga Moe '30, of East Grand Forks; Mr. and Mrs. Julius Paulsrud '10, of Nielsville; John Gronner '22, of Underwood; Roy Boman '31, of Syre; and Arnold Hetland '30-31, of Climax.

An announcement has been received of the birth of a daughter, Cleone Rena, to Mr. and Mrs. Milton Carlson (Myrtle Marmorine '22) of Clearbrook on September 8.

George Berggen '28, has been appointed seed analyst for the U. S. D. A.

and will be stationed in St. Paul.

Professor T. M. McCall and family returned to the campus September 9 following a ten-day motor trip which included Iowa, the Century of Progress at Chicago, and the Minnesota State Fair.

Professor R. S. Dunham and family reported a very pleasant trip to the Chicago World's Fair. While in Chicago the Dunhams visited Mr. Dunham's mother and brother.

Coach R. J. Christgau and family spent the latter part of August visiting relatives in southern Minnesota. Mr. Christgau also served as one of the supervisors of the Farm Boys' Camp at the Minnesota State Fair.

Professor and Mrs. A. M. Foker were in the Twin Cities during the week of the Minnesota State Fair. Mr. Foker also assisted with the Farm Boys' Camp, which is held each year on the State Fair Grounds during fair week.

Miss Retta Bede returned to the campus September 17 to assist in final arrangements for the opening of the fall term.

Mr. and Mrs. S. A. Anderson announce the birth of a son, Norbert John, born September 9. Mr. Anderson has recently joined the Agricultural Engineering staff of Purdue University, Lafayette, Indiana.

Esther Dalager '33, of Pelican Rapids, is taking a nurse's training course at St. Luke's Hospital, Fargo, North Dakota.

Miss Naomi Forder '26, and Mr. Lloyd Waag of Roseau were married Saturday afternoon, August 18, at Twin Valley. They will make their home in Roseau.

The Howard C. Rutt family moved to Niles City, Illinois, 7941 Kedvale Avenue.

Mr. and Mrs. Conrad Peterson ('28-29) and son Earl have moved to Wenatchee, Washington. Miss Marie Austin, '21, accompanied them on their trip west and has just recently returned to her home at Malung. Marie will teach in Roseau county again this year.



Freshmen Class, 1933-34