

THE NORTHWEST MONTHLY

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NUMBER 9.

High Enrollment

Assured For 1939-40

With 315 advance room reservation deposits on hand August 16, it is apparent that the attendance at the Northwest School this year will equal the all-time record established last year when 478 students enrolled.

Registration October 2

All new and second year students will register on Monday, October 2. Registration for senior and advanced students will take place on Tuesday morning, October 3, with class work starting promptly at 1:15 P. M. on that day.

Thirty-three Years of Service

The Northwest School of Agriculture has been in operation for the past thirty-three years and has issued during that period a total of 2001 diplomas and certificates of graduation. The total annual enrollment figure for the thirty-three years is 7834. Approximately ninety per cent of the graduates have become farmers and homemakers in the Red River Valley area, and many of the older graduates have become agricultural leaders in the region. A good percentage of the graduates of the four-year course have entered colleges

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Weather Crop Relations

With threshing of small grains nearing completion in the Valley, yields are in many instances better than the estimates made before harvest. The relation of yield to factors of environment has been the subject of study at the Northwest Experiment Station since 1934. A summary and discussion of the results obtained so far has been published by R. S. Dunham, agronomist, and may be had free upon request. A recent letter from Germany asking for a copy is evidence that such work is of wide interest.

The study has not been continued long enough to make conclusions too definite, but certain tendencies have been observed. Can the yield of small grains be estimated on the basis of the amount of straw? The study so far indicates that it may work out with wheat but not with oats and flax. Does the number of kernels per head indicate yield? It has been directly associated with yield of flax but not of wheat. Does the weight per bushel indicate yield? It has in oats but not in wheat. Can the yield of small grains and corn be estimated on the basis of rainfall? It has not always been true since temperature is also a very im-

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WPA Assistance Sought

For Tunnel Repair

The 1939 State Legislature appropriated \$24,500 to the Northwest School for replacement and repair of the steam heating tunnel. This amount, recommended by the University Board of Regents, was appropriated with the expectation that labor for the project could be supplied by the Works Progress Administration. The project proposal has been given approval by the district and state officials of the Works Progress Administration and has been submitted to Washington, D. C. for the President's approval.

The entire heating tunnel is in bad condition with side walls and top badly disintegrated. The sum recommended by the Board of Regents was to cover the costs of replacement of the old tunnel from the heating plant west to the line of the Kiehle building. From this point south new tunnel construction is to replace the solid concrete slab encasing the steam lines to Kiehle building and Robertson Hall. The new tunnel line will extend south under Kiehle and Robertson Halls to the new building site south of Robertson Hall and from that point east and south to

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NORTHWEST SCHOOL BAND—1938-39



Issued Monthly by
THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE.

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

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

HIGH ENROLLMENT

ASSURED FOR 1939-40

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and universities are making names for themselves in the field of education, agriculture, home economics, and engineering.

A large number of the sixty-two graduates from the advanced course in 1939 are enrolling as freshmen in many of the colleges of the state this fall.

The Northwest School is enlarging the scope of the courses offered and modernizing its equipment to meet the needs of the times.

Business Training Courses Popular

The new quarters of the business training department in Owen Hall will provide for the much needed expansion in courses of business training. A full equipment of typewriters, adding and calculating machines, duplicator, mimeograph, files, and bookkeeping

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B. M. Bakkegard

Succeeds Caryl Meyer

B. M. Bakkegard, band director for the past two years at the Northwest School, has been secured as a full-time instructor with duties beginning on October first. Mr. Bakkegard will fill the position held by Miss Caryl Meyer in the Department of English and, in addition, he will direct the school band and give private instruction in band instruments.

Since graduating from the State Teachers College at Ellendale, North Dakota in 1934, Mr. Bakkegard has had four years of teaching experience having taught in the consolidated schools in Dickey county two years and two years in the public school at Kulm, North Dakota. During the past two years, Mr. Bakkegard has, in addition to completing his undergraduate work at the University of North Dakota, found time to take a prominent part in the band work of the University of North Dakota under the direction of Professor John Howard.

The new band director and instructor has made a host of friends at the Northwest School and his coming will give added impetus to the band work.



B. M. Bakkegard

Grimm's Alfalfa

The Northwest School and Station played a leading part in the introduction of Grimm alfalfa into the Red River Valley. Much of the prosperity in livestock farming, especially dairy production in the region, has been dependent for a large part on alfalfa. Alfalfa seed crops not only have built homes in the eastern part of the Valley but have been instrumental in giving many boys and girls educational opportunities they might otherwise have missed.

We are pleased to present Bob Hodgson's tribute to Wendelin Grimm, the discoverer and propagator of Grimm alfalfa. Bob Hodgson, as he is popularly known, is Superintendent R. E. Hodgson of the Southeast Experiment Station at Waseca, Minnesota.

"In 1857, Wendelin Grimm came from Germany and settled in Carver county, Minnesota. Little is known about him except that he brought along some alfalfa seed and planted it on his new farm. Practically all of it killed out the first winter, but by saving seed from the hardy plants which survived, Mr. Grimm finally developed a strain which could live through the extremes of heat and cold common to the state of his adoption.

Grimm called the new crop "ewiger klee" or everlasting clover. His neighbors got seed from him and grew alfalfa successfully. Finally, Professor Hayes and his young assistant, Andrew Boss, drove a team from St. Paul to the Grimm farm to see this new crop they had heard so much about. From then on, everyone knows the story. Perhaps no single crop has ever meant so much to the livestock men of the northern states and Canada as this high yielding, deep rooted, hardy forage plant.

Today, every northern seed house sells alfalfa, and farmers are willing to pay a good premium for seed which can be traced back directly to Wendelin Grimm's small field in Carver county. Every man who forks down fragrant green hay to eager cattle should have a bit of respect in his heart for this pioneer who wouldn't give up when the going was tough."

HIGH ENROLLMENT

ASSURED FOR 1939-40

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equipment will be ready for students in business training at the opening of school.

A very strong department of English and public speech is maintained with four full-time instructors. Excellent course work is given in mathematics, history, and social sciences. In the field of agricultural engineering, three full-time instructors will be established in the newly remodelled Owen Hall with new and modern equipment for all departments.

In the agricultural courses, specialists of high rating in both teaching and experimental work conduct the classes. Two specialists in each field crops and animal husbandry, and one each in horticulture and poultry teach both

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Miss Caryl Meyer

Resigns From English Staff

Miss Caryl Meyer, an instructor in freshmen English for the past two years at the Northwest School, has resigned to accept work in public schools. During her stay at the Northwest School Miss Meyer won the admiration and respect of students and faculty alike. Miss Meyer was an excellent teacher, good cooperater, and an enthusiastic coach in public speaking and dramatics.



Miss Caryl Meyer

The best wishes of the faculty are extended to Miss Meyer in her new work.

WPA ASSISTANCE SOUGHT

FOR TUNNEL REPAIR

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the gymnasium. The new tunnel and steam lines to the gymnasium will eliminate the trouble experienced in heating that building in late winter. This improvement will eliminate the so called "old faithful" geyser seen coming from the manhole on the steam line in the center of the campus.

High pressure steam mains will be installed in the new and rebuilt sections of the tunnel. Exhaust steam will also be used in heating one or two buildings. The tunnel will be six feet in depth and be made of reinforced concrete. Ample space will be available in the tunnel for electric and telephone conduits.

Construction on the new tunnel line will probably get underway this fall; the old tunnel replacement will be done after the close of school next year. The replacement of the tunnel from Stephens Hall east to the Owen building will require a new appropriation.

WEATHER CROP RELATIONS

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portant factor. High temperatures at critical periods in the life of a crop may reduce yields in spite of adequate moisture. In corn, the combination of high temperatures and sufficient moisture may result in high yields where the absence of either the proper temperature or the proper amount of water may reduce yields materially.

Although records of rainfall are helpful, they do not accurately reveal the amount of water available to a crop since part is lost through run-off, evaporation, and under-drainage. The determination of available soil moisture under the growing crop provides a single factor which represents a resultant of these elements of environment.

REGISTRATION DATES

- Oct. 2—Registration of all new students and juniors
- Oct. 3—Registration of seniors and advanced students



NORTHWEST SCHOOL BOYS' GLEE CLUB—1938-39



Miss Grace Warne
Instructor—Violin



Miss Marian Frykman
Instructor—Piano



Miss Elvira Bierbauer
Instructor—Voice



NORTHWEST SCHOOL GIRLS' GLEE CLUB—1938-39

HIGH ENROLLMENT

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beginning and more advanced courses in their respective fields.

Practical Training Given

"Science with Practice" is the motto of the Northwest School. The courses of agricultural engineering, crops, horticulture, poultry, animal husbandry, home economics, and business training are taught by demonstration and practice in addition to theory. Skills in the various courses are developed by doing.

Great Interest Shown in Northwest School

Valuable training in learning to live with others is obtained in the school dormitories. Dormitories are under the supervision of staff members who reside in the buildings. A friendly home-like spirit is prevalent in the well-managed dormitories. The Northwest School family spirit is further developed in the Dining Hall where, through a system of rotation in seating, and serving, students make new friends and secure valuable training. Parents appreciate the supervised home-like life in the dormitories for another reason in that it removes twice daily transportation hazard encountered in many rural communities.

School Serves Northwestern Minnesota

The Northwest School is a vocational school offering unusual opportunities to the young men and women of Northwestern Minnesota. All who have completed the eighth grade are eligible to attend. Those who have not completed the eighth grade may attend only if they are sixteen years of age or over. No age distinction is made in the class groupings. Many eighth graduates who have been out of school for a few years enter with younger freshmen. Regular course students receive the Northwest School diploma upon the successful completion of three years of work supplemented by the necessary completion of summer project work. Students who wish to continue their educational training may return for a fourth or college preparatory year, following which they are eligible to enter any college or university. Students who lack only a few credits for college entrance may attend the Northwest School and earn the necessary credits and have the opportunity of special course work.

An increasing number of high school graduates are entering the Northwest School each year to get special training in agriculture, farm engineering, home economics, and special business training.

Tuition Aid for Rural Students

The amended state aid law permits rural students to receive tuition aid at schools of agriculture. A student to qualify for tuition aid at the schools of agriculture must be an eighth grade graduate, under twenty-one years of age, and come from a rural school district that does not offer accredited high school instruction. The hiring of a school bus by a rural school district does not disqualify an eligible boy or girl from tuition aid at the Northwest School.

- - PERSONALS - -

***Rufus Logan, '21, visited the campus August 13. He has been a school superintendent for a number of years and recently finished his graduate work at the University of Chicago. He has accepted a position as instructor in Economics at the Gustavus-Adolphus College, St. Peter, Minnesota, for the coming year.

***Ed Widseth, '32, is a member of the New York Giants professional football team again this year. He will play in the All-Star game in Chicago on August 31 against the College All-Stars.

***Ebenhard Gandrud, '24, visited the campus on July 10. He is the owner of the "Gandy" Manufacturing Company at Owatonna, Minnesota. Stanton Gandrud, '29, is employed in the sales department of the company.

***Ruth Lerud, '36, of Twin Valley, will serve as treasurer of the Ag Student Council for the 1939-40 school year at University Farm, St. Paul, where she is a student in home economics.

***Lester Lerud, '35, of Twin Valley, a senior last fall in the College of Agriculture, University Farm, St. Paul, was awarded the Block and Bridle merit trophy on May 27. The trophy is awarded annually to a senior member of the club who has excelled in scholarship and extra-curricular activities.

***A large number of Northwest School students attended the 4-H Club Week at University Farm, St. Paul, June 12-15, including: Esther McFarland, Oslo; Silas Strand, Twin Valley; Owen Weckwerth, Hazel; Ralph Hvidsten, Stephen; Marianne Erickson, Roseau; Raymond Sorvig, Red Lake Falls; Esther and Gladys Worman, Crookston; Howard Brandt, Gonvick; Agnes Dahl, Bejou; Donald Nelson, Kennedy; Alvedo Haak, Waubun; Beverly McKibben, Lancaster, and Harold Anderson, Argyle. Edna Hoppe, '38, who is now serving as Temporary 4-H Club Agent in Red Lake county, also attended 4-H Club Week at St. Paul.

***Harold Sanden, '35, of Mahanomen, a student in the College of Agriculture, University of Minnesota, was elected treasurer of the Ag Y.M.C.A. for the coming school year.

***Don McCall, '31, spent the week of August seventh at the home of his parents, Superintendent and Mrs. T. M. McCall. He was vacationing from his duties as radio announcer of Station WEBC, Duluth.

***J. W. Mlinar, Registrar at the Northwest School, is spending his vacation visiting at Glacier National Park, Chicago, and Detroit, Michigan. He will return to the campus on September 11.

***Former Superintendent A. A. Dowell with Mrs. Dowell and their daughters are spending their vacation this month visiting relatives at Nevada, Iowa, and touring in the state of Colorado. Dr. Dowell is a Professor in the Department of Agricultural Economics, University of Minnesota.

***Oscar Molldrem, '32, visited the campus on August 19. He will teach again this year in the Waldorf, Minnesota, high school.

***Charles Ford, '38-39, of Crookston, has passed the entrance examinations to the Great Lakes Naval Training Station, Chicago, and will leave within a few weeks for the training station.

***Mervin Hagen, '32, and Burnet Bergeson, '35, visited the campus August 4. Both of them are employed by the Farm Security Administration.

***Mr. and Mrs. Thomas Abbott of Dassel, Minnesota, were callers at the Northwest School on August 19. Mr. Abbot, a graduate of the class of 1918, is now operating his own farm at Dassel and reports excellent crops for his region.

***Superintendent T. M. McCall and Professor R. E. Nylund, horticulturist, attended the annual conference of the Great Plains Section of the American Society for Horticultural Science which was held August 21, 22, and 23. The meetings were held in the Center for Continuation Study at the University of Minnesota, Minneapolis.

***Delsie Filipi, '38, of Angus, has enrolled in the nurses' training department at St. Luke's Hospital, Fargo, North Dakota.

***Eleanor Torkelson, '33, of Crookston, will enter nurses' training this fall at the St. Michael's Hospital, Grand Forks, North Dakota.

MARRIAGES

***Walter E. Burk, '23, to Miss Winnie Goldsmith, on July 17, at Pilot Mound, Manitoba, Canada. They will make their home at Rockford, Illinois.

***Alice Erickson, '30, of Pencer to Joseph M. Ulvin of Wannaska on July 5. They will make their home at Wannaska.

***Ruth Solties, '27, of Tabor, to Mr. John Marko of Minneapolis on Sunday, June 18, at Crookston. Mr. and Mrs. Marko will make their home at 112 Warwick Street, S.E., Minneapolis.

***Helen Hanson, '33, of Crookston, to Mr. Nixon Knight of Union, Iowa, at New Providence, Iowa, on Saturday, August 12. They will live at 1518 Laurel Avenue, Minneapolis.

***Miss Inez Wang of Ulen to Manford L. Halverson, '28, of Gary, on Sunday, July 30, at Ulen.

***Viola L. Christenson of Cass Lake to Lowell V. Lindberg, Sp. '37-38, of Warren, on Saturday, August 5. Mr. Lindberg has been employed at Cass Lake during the summer months; however, he will return to the Iowa State College, Ames, Iowa, this fall to continue his studies in dairying.

BIRTHS

***To Mr. and Mrs. Mervin Hagen (Mervin '32) of Fergus Falls, a daughter on July 14.