

THE NORTHWEST MONTHLY



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NO. 9.

Pure Seed Producers Attend Crops Meeting

Soil improvement through sweet clover, increase plots of new seedling potatoes, and varietal tests of disease resistant flax were features of the experimental work shown to visitors at the Annual Crops and Soils Day program at the Northwest Station, July 28. About one hundred visitors spent the afternoon inspecting the station plots and listening to addresses by Dr. Andrew Boss, vice director of the Minnesota stations, and Superintendent A. A. Dowell.

Suggestions for farm management in times of economic stress were given by Dr. Boss, who has lived through several periods of agricultural depression during his forty-two years' service with the Minnesota station. He stressed (1) the importance of strict economy in cash expenditures; (2) greater production per acre; (3) the highest possible quality of products; (4) the marketing of crops through livestock, and (5) the utilization of legume crops for soil improvement.

Several hundred strains of seedling potatoes in comparative tests were shown by T. M. McCall, station horticulturist, who conducted the tour for potato growers. The visitors also were invited to sample a fine crop of Latham raspberries growing in the station garden.

Strains of flax developed for resistance to wilt and rust and for high quality linseed oil production were ex-

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Juniors Announce 1933 Aggie Board

At their final meeting of the year, members of the Junior class elected the following to serve on the 1933 Red River Aggie Board: Editor-in-chief, Richard Holmgren, Carp; assistant editor-in-chief, James Rynning, Kennedy; business manager, Clarence Weckwerth, Hazel; assistant business manager, William Sitko, Ada; classes, Jean Nisbet, East Grand Forks, and

Contractor Rushing Work on Stephens Hall

Stephens Hall, the old home of nearly every young man who has ever attended the Northwest School, is now able to take its place among the fine modernized buildings that line the Campus square. Ever since early June workmen have been busy tearing down and replacing everything which was worn out, obsolete, or unsightly.

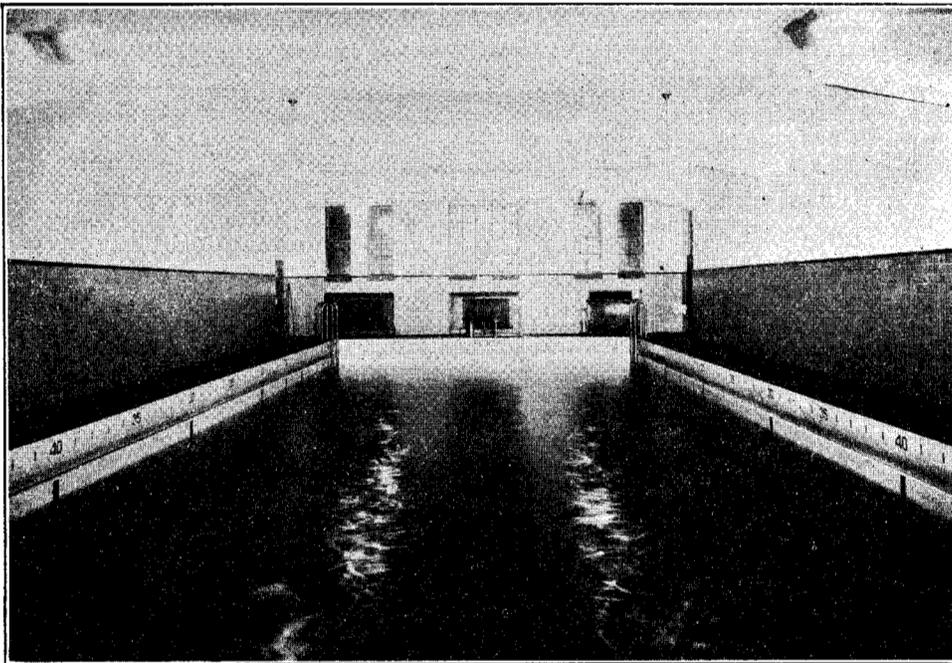
According to A. M. Foker, Superintendent of Buildings and Grounds, the

more noticeable alterations in the building which will be of particular interest to new students, include the new assembly room and the new laundry. The assembly room will fill a long felt need for suitable quarters in which to hold house meetings, Y. M.C.A. meetings, class meetings, and the like. It is located just off and to the right of the front parlor. The room is 16 x 36 feet in size and is furnished with eighty folding opera chairs. This room as well

as the parlor has oak floors and oak woodwork. The laundry room is located in the west wing of the building on the first floor. It has a cement floor tinted a dark maroon color and is equipped with stationary laundry tubs, ironing boards, and all the necessary outlets for electric irons.

Upon entering the building the first thing to catch the eye of the visitor will probably be the new terrazzo floor which covers the center hall leading to the parlor. Perhaps his eye will catch the new stairways with their oak trim-

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The New Physical Education Building Is Equipped with one of the finest Swimming Pools in Northwestern Minnesota

Paul Ingebretson, Ulen; societies, Harold Letnes, Hillsboro, North Dakota; athletics, Rodney Lindstrom, Lake Park; features, Arnold Nakken, Newfolden, and Nelda Mjelde, Beltrami; music, Harriet Severson, Clearbrook.

Advisers of the class of 1933 are Mrs. Roy W. Hollander and Miss Cynthia Weinberger.

According to members of the Aggie Board, a silver anniversary theme will be followed throughout the book, as the Class of 1933 will be the twenty-fifth graduating class from the Northwest School.

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Issued Monthly by
THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE

A. A. DOWELL, Superintendent

OFFICE
Northwest Experiment Station,
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A monthly publication in the interest of agricultural education and home training for Northwestern Minnesota.

UNUSUAL OPPORTUNITIES OFFERED IN MUSIC



Students attending the Northwest School are offered unusual opportunities in music, with three members of the faculty giving instruction in piano, voice, violin and orchestra.

Miss Rose Polski, who has been in charge of piano work for the past six years, will return again at the opening of the fall term. She is one of the most accomplished pianists in the Northwest, having won highest honors at the Chicago Musical College some few years ago in competition with other students representing practically every state in the Union.



In discussing the piano work offered at the Northwest School, Miss Polski states "Ample opportunity is given piano students to expand instrumental experience. The school auditorium is equipped with a Steinway Grand, while a number of pianos are provided for practice work."

The work in voice is given by Mrs. Roy W. Hollander, who also directs the school choruses and glee clubs. Mrs. Hollander received much favorable comment following her presentation of the School Operetta "Oh, Doctor!" last year, and "Sunbonnet Sue" one year ago.



Miss Grace Warne will again take charge of instruction in violin. According to Miss Warne, the violin is one of the hardest instruments to master, but it has always been the favorite of many people because of the close resemblance of its beautiful tones to those of the human voice.

Y. M. C. A. ELECT OFFICERS

At the final meeting of the Y. M. C. A. last spring, officers for the school year 1932-33 were elected as follows: Harry Tangen, Menahga, President; Rodney Lindstrom, Lake Park, Vice President, and Walter Dorseth, Twin Valley, Secretary-Treasurer.

The Y. M. C. A., which is one of the most active organizations on the Campus, holds regular Bible study classes each Sunday morning, and, together with the Y. W. C. A. sponsors the Sunday evening programs held in the School auditorium.

PURE SEED PRODUCERS ATTEND CROPS MEETING

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Inhibited by A. C. Arny, associate agronomist at University Farm, St. Paul, who discussed the methods used in developing flax for high quality oil. Increase fields of Bison flax, grown for the 1933 pure seed distribution were pointed out by E. R. Clark of the station staff. Other pure seed increases included Minnesota 2303 wheat, Peatland and Velvet barley, and Anthony oats.

In the soil improvement experiments, wheat following sweet clover where the first crop had been plowed under appeared superior to wheat on land where two crops of sweet clover had been removed. Flax on corn land and on summer fallow showed a heavier stand than on sweet clover land but contained more annual weeds.

Flax sown April 21 appeared heavier than when sown May 2 or at any later date. Plots sown after June 1 were injured by drouth and heat and failed to make a crop. Marquillo wheat sown with treble superphosphate distributed directly in the drill row seemed slightly better than with the same fertilizer broadcast.

Among the visitors from North Dakota who participated in the tour of inspection were E. M. Gillig, state seed commissioner; R. C. Hastings, deputy in charge of potato inspection; E. J. Taintor, and M. H. McDonald, Walsh County Agricultural school; D. E. Willard, agricultural agent, Great Northern railroad; and Wm. R. Page, county agent, Grand Forks county.

MAHNOMEN HOLDS LAMB-GRADING MEET

The importance of breeding and feeding in the production of market topping lambs was stressed in a county-wide lamb grading demonstration held on the Schermerhorn Farms in Mahnomen county August 15. The program was arranged by D. C. McLeod of the Agricultural Department of the Soo Line railway, and A. J. Robinson, manager of the Schermerhorn farms.

Speakers included Superintendent A. A. Dowell of the Northwest School, D. C. McLeod, A. J. Robinson, G. Montgomery, experienced Montana sheep grower, and representatives of the Fargo packing interests.

Visitors were impressed with the quality of the lamb crop from Montana range ewes mated to purebred Hampshire rams purchased from the famous

Gardner flock. Lambs dropped the latter half of March now weigh from 75 to 100 pounds. The flocks have had the run of woods pasture on the various Schermerhorn farms.

POULTRY CULLING BULLETIN ISSUED

"Culling for Egg Production" is the title of a special bulletin recently prepared by A. M. Pilkey, Poultryman at the Northwest School and Station, and Miss Cora Cooke, Poultry Specialist of the Agricultural Extension Division, University Farm. The authors are to be congratulated on their method of presentation, for the bulletin is well outlined, brief and to the point, in addition to carrying a number of effective illustrations. Poultry producers will find this bulletin a valuable addition to their reference library. Copies may be secured by writing the Northwest School, Crookston, or the Agricultural Extension Division, University Farm, St. Paul, for Special Bulletin 150 on "Culling for Egg Production."

VALLEY CROPS GROUP ELECTS OFFICERS

Herman Skyberg, Fisher, was re-elected president of the Red River Valley Crops and Soils association at the annual meeting at the Northwest Station, July 28. Melvin Flaskerud, Fosston, was elected vice president; E. R. Clark, Crookston, secretary; and S. M. Sivertson, Crookston, treasurer. Directors for one year were chosen as follows: W. S. Ash, St. Vincent, Kittson county; Pontus Johnson, Roseau, Roseau county; Tom Howard, Warren, Marshall county; W. E. Smith, Thief River Falls, Pennington county; George H. Orr, Red Lake Falls, Red Lake county; Robert Davids, Bagley, Clearwater county; Adolph Skyberg, Fisher, West Polk county; W. H. Moll, McIntosh, East Polk county; Alfred Rinnan, Hendrum, Norman county; Henry T. Johnson, Audubon, Becker county; Theodore Mellum, Ulen, Clay county; Harry Ehler, Kent, Wilkin county; A. R. Schulz, Fergus Falls, West Ottertail county, and W. H. Frey, Perham, East Ottertail county.

HOT, DRY WEATHER THROUGHOUT GROWING SEASON

The rainfall at the Northwest Station during the first four months of the 1932 growing season (April, May, June, and July) has been the lightest since 1920 according to weather records kept at the Station. The total rainfall during these months amounted to only 6.98 inches while the average for thirty years was 10.63 inches. In 1926 7.01 inches of rain fell during these four months. In 1919, the wettest season on record for the corresponding period, 17.28 inches of rainfall occurred.

E. R. Clark, acting agronomist, states that the present season has also been one of the warmest on record. The average temperature for the four months was 60.4 degrees Fahrenheit compared to 57.1 degrees, the thirty-year average. The season of 1921 in-

cluded the warmest April, May, June, and July weather recorded at this station. The average temperature during that period was 61.4.

VALLEY DAIRYMEN ARRANGE FALL CONVENTION

At a special meeting of the officers of the Red River Valley Dairymen's association, it was decided to hold the annual fall convention at Crookston November 16 and 17. In addition to deciding upon the date and place of the annual meeting, the officers outlined the program to be followed by the organization during the coming year.

Special emphasis will be placed on 4-H club work, support of cow testing associations, contests for creamery operators, and butter judging.

The Red River Valley Dairymen's association has an unbroken record of 28 years of service on behalf of the dairymen of this territory. Officers include A. A. Dowell, Superintendent of the Northwest School, President; C. M. Pesek, Crookston, Secretary; O. O. Heggeness, Detroit Lakes, Treasurer, and Stuart McLeod, Thief River Falls, and H. E. Osgood, Erhard, directors.

CONTRACTOR RUSHING WORK ON STEPHENS HALL

(Continued from Page 1)

med plastered railings or the graceful plastered arches that lead to the parlor or east and west corridors. All ceiling and wall areas have been replastered, while all students' room as well as the long corridors have new floors of hard maple and new doors and trim of birch enameled in a pleasing shade of buff grey. The large students' wash rooms on each of the three floors have been entirely overhauled with new plaster, new terrazzo floors, new piping, plumbing, and lighting fixtures, new mirrors and new enameled steel partitions. Drinking fountains have been located in the corridors of the different floors.

The entire heating system has also been remodeled and modernized. The steam main has been removed from the ceilings of first floor rooms and placed in the attic. A modern two-pipe vacuum system replaces the old style gravity system of heating. The whole building has been completely rewired. Wall switches, wall outlets and call bells have been placed in every student's room. On each of the three floors will be found class bells, fire alarm bells and signals. The whole building has been supplied with an entirely new set of lighting fixtures which include single ceiling lights for students' rooms, candle type brackets for parlor walls, five light fixtures in Swedish iron for parlor ceilings and a lantern type of fixture of similar design for the vestibule entrance. The whole project is well under way and the contractors promise to have the building ready for occupancy some time before the opening of school this fall.

STUDENTS APPRECIATE HEALTH SERVICE



Service, supported in part by fees paid each term by students.

According to Miss Ruth Sheldon, school nurse, the health service includes a physical examination for each student, bedside and dispensary care to all who are in need of such attention, and protection from contagious diseases. Courses in personal hygiene are also required of boys and girls alike.

With its modern Health Service, Physical Education, Dining Hall, and supervised Dormitories, the Northwest School is one of the best equipped institutions of its kind in the Northwest. The fall term will open October 3, with the winter term closing March 30. This makes it possible for farm boys and girls to continue their education and at the same time be available for assistance on the farm during the entire crop season.

SENIORS WIN FIELD MEET

Taking first place in nineteen of the forty events the seniors captured honors in the annual field meet by a wide margin, scoring 127 points as compared to 99 by the juniors and 88 by the freshmen.

The seniors captured twelve firsts in the track events, three in boxing, two in wrestling, and two in swimming.

The various events together with winners were as follows:

Boxing: (heavyweight) Edwin Widseth (senior); (middleweight) Alvin Gronner (senior); (lightweight) Orin Refling (senior); (welterweight) Jack Ferrier (freshman).

Wrestling: (heavyweight) Edwin Widseth (senior); (middleweight) Alvin Gronner (senior); (lightweight) Arne Nelson (junior) and Lloyd Chapman (senior) tie; (featherweight) Stephen Vilven (junior).

Swimming: (50 yard dash) Llewelyn Reese (junior); (100 yard dash) Clarence Weckwerth (junior); (fancy dive) Jack Ferrier (freshman); (plunge) Orin Refling (senior); (relay) (juniors); (back stroke) Richard Grabowenski (junior); (polo) (seniors); (girls' backstroke) Harriet Severson (junior); (girls' crawl) Nelda Mjeldel (junior); (girls' face float) Harriet Severson (junior); (girls' back float) Agatha Olson (freshman).

High Jump: Searle Nelson (senior).

High Kick: Searle Nelson (senior).

25 yard dash: Llewelyn Reese (junior).

Broad Jump: Ralph Sheldon (freshman).

One-quarter mile: Robert Coulter (senior).

Shot put: Edwin Widseth (senior).

Rope Climb: Robert Coulter (senior).

Chinning: Harry Tangen (senior).

Hop, skip, and jump: Ralph Sheldon (freshman).

Relay: (juniors).

Handstand: James Rynning (junior).

Indian Wrestle: Edwin Widseth (senior).

Tug-of-wars: (seniors).

Girls' Basketball Throw: Elna Matson (freshman).

Girls' Basketball Free Throw: Nelda Mjeldel (junior).

Girls' Leap Frog: (seniors).

Girls' Relay: (seniors).

Girls' High Jump: Pearl Hanson (freshman).



Modern Health Service Building—Fully equipped and with Trained Nurse in Charge

Girls' High Kick: Margaret Gault (senior).

Girls' 25 yard dash: Gladys Quantock (freshman).

Girls' Broad Jump: Irene Pearson (senior).

SCHOLARSHIP IMPROVED BY PHYSICAL EDUCATION



With a view to developing sound bodies as well as sound minds, all students in attendance at the Northwest School are required to register for work in Physical Education.

Physical education for boys is in charge of R. J. Christgau, assisted by E. L. Ocock. Mr. Christgau, a former member of the football, basketball, and baseball teams at the University of Minnesota, has established an enviable record during his three years at the Northwest School. Last year his teams captured the state championship in both football and basketball. Assistant Coach Ocock is a graduate of the University of Illinois.



In commenting on the Physical Education work at the Northwest School, Coach Christgau said, "The athletic field and gymnasium floor are good training grounds for character building, where such traits as self-control and perseverance are developed." With gymnasium and swimming classes required, the advantage of regular exercise is open to all.

The girls' work is in charge of Miss Elsie Mae Kingston, graduate of the Iowa State College, who came to the Northwest School four years ago. Girls are required to take two classes of gymnasium and two of swimming each week. During the early fall, sports include tennis and kittenball, while basketball and swimming are the principal winter sports.



With a new physical education building, equipped with swimming pool and gymnasium floor, together with athletic fields for football, kittenball, baseball and tennis, all students are encouraged to maintain their physical health as the first requirement for mental growth and development.

PERSONALS

Miss Leone Fevold and Mr. Wilbur Lee (1928-29) were married June 28 at Roseau, Minnesota. They are making their home on the Lee farm at Pencier.

Miss Mae Fingalson and Mr. Hilmer Carlson (1918-20) were married July 22. They are making their home at Frazee where Hilmer is operating a dairy farm.

The marriage of Miss Stina Nornes and Mr. Maurice Bursheim '21 occurred Saturday evening, August 6, at Winger, Minnesota. Mr. and Mrs. Bursheim will make their home at Gully, where Maurice has accepted a position as principal of schools.

Miss Natalie Woolson (1928-29) and Mr. Frank P. Johnson were married Saturday evening, August 6, at Thief River Falls. The newlyweds will make their home at St. Hilaire, Minnesota.

Mr. and Mrs. Raymond Green (Sophie Monson '15) and family have moved to Swift, Minnesota.

Mr. and Mrs. Norris Johnson (Norris '14, Esther Kroog) and son Bobby of St. Louis, Missouri visited Mrs. Johnson's parents at Crookston and other relatives and friends in Northwestern Minnesota during the past month.

Superintendent and Mrs. A. A. Dowell and family returned from the University of Chicago in time to take part in the Annual Crops and Soils Day meeting held at the Station the last week in July. Mr. Dowell was enrolled in the Graduate College of the University for the first half of the summer session, during which time he completed the required course work for the degree Doctor of Philosophy.

Luther Haugen (1915-16) is now at Thief River Falls.

Oscar Edevold (1919-20) has moved to Clearbrook, Minnesota.

Mr. and Mrs. Garry Carpenter (Agnes Gronner '20) of Fergus Falls are the parents of a baby boy born July 27.

Mr. and Mrs. R. J. Christgau and children Kathleen and Roger visited with relatives and friends in southern Minnesota during the past month.

Mrs. Roy W. Hollander (Hildur Peterson), instructor in voice during the past three years, had a very enjoyable trip to New York this summer.

Miss Fanny Lippitt of the Home Economics Department has been in attendance at Columbia University, New York, this summer.

Mr. E. L. Ocock, instructor in agricultural engineering, is working on a soil survey of Polk county in cooperation with the University of Minnesota Division of Soils.

Mr. and Mrs. T. M. McCall were in attendance at the International Peace Garden dedication near Dunseith, North Dakota on July 13. Mr. McCall stated that officials in charge estimated there were 35,000 people present. The McCalls returned to Crookston by way of Morgan, Manitoba, visiting the Canadian experiment station at that point.

Mr. and Mrs. O. M. Kiser and family are visiting relatives at Sedgewick, Kansas.

Registrar J. W. Mlinar has just returned from his vacation, having visited relatives and friends in the Twin Cities.

Mr. and Mrs. A. M. Pilkey and children Ruth and David are visiting relatives at Hamilton and Newbrough, Ontario, Canada.

Reuben Ulseth (1930) drowned Tuesday evening, July 19, at Thief River Falls, apparently having suffered a heart attack while swimming.

Mr. and Mrs. Howard C. Rutt are now living at 1025 Pacific Avenue, Waukegan, Illinois.

Visitors at the Northwest School and Station during the past month included Professors Bower F. Forward and F. Foulds, supervising analysts of the Dominion of Canada seed laboratory of Calgary and Winnipeg; President George A. McFarland, Minot, North Dakota State Teachers College, and G. Harrison Durand, Vice President, Yankton, South Dakota Teachers College; and Professor J. H. LaForge of the Agronomy Division, Purdue University, Lafayette, Indiana.

Harwood Conner (1925-27) has asked to have the school paper forwarded to him at P. O. Box 261, Maxwell, California.

Mr. and Mrs. Clair O'Hara (Viola Buringrud 1927-28) and baby of Thief River Falls were Campus visitors Sunday, July 24.

Mr. and Mrs. W. K. Dyer and family of Litchfield, Minnesota were recent visitors at the home of Superintendent and Mrs. A. A. Dowell. Mr. Dyer, brother of Mrs. Dowell, is Executive Secretary of the Minnesota Poultry Improvement board.

Dr. Stevenson, geneticist in potato breeding, United States Department of Agriculture, and Dr. F. A. Krantz of University Farm, St. Paul, were on the Campus early this month.

Frank Brown, District County Agent leader, University Farm, St. Paul, visited the Station during the past week.

Paul Engelstad '16, Thief River Falls, has announced tentative plans for a county-wide alumni get-together to be held in Pennington county early in September. Alumni will await with interest further announcements as to date and place.

Comptroller W. T. Middlebrook, Mr. W. F. Holman, Supervising Engineer, Mr. J. C. Poucher, Director Service Enterprises, and Mr. W. R. Smith, Director Intramural Athletics, all of the University of Minnesota, made their annual tour of inspection at the Northwest School during the past week.

Mr. and Mrs. Leland Lincoln (Leland '21) and daughter Donna Joan, and Miss Gladys Lincoln (1920-21) of Stephen were Campus callers Friday, August 5. Leland reported that a turkey project of some 600 birds was sufficient to keep him off the list of the unemployed.

August R. Thorkelson '28 won a prize of \$50.00 in gold on his essay "The Romance of Gold Mining," in a weekly radio contest. The essay was published in the June third issue of the News and Weekly Tribune, Goldfield, Nevada. August has been employed on a farm near Madelia, Minnesota this summer.