

# 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.

VOL. VIII.

CROOKSTON, MINNESOTA, DECEMBER-JANUARY, 1924.

NO. 1-2.

## SIX WEEKS SHORT COURSE AT NORTHWEST SCHOOL Feb. 11-March 22

In order that the Northwest School may do all it can to help in the program of greater diversification a six week short course is being offered from February 11 to March 22. This seems to be the most convenient time for farmers and their sons to leave home for a short time. It is also the time complete plans are being made for the coming season. The school's faculty and facilities will be placed at the disposal of those interested in this course.

The course will deal with dairying, field and feed crops, sugar beets, potatoes, seed and seed treatment, poultry, farm records, and other questions that come up in a diversification program. It is also possible to spend some time in the motors laboratory in discussing, operation and care of motor machinery. If there are other questions suggested by those who come, efforts will be made to offer such work also. The plan is to present those problems which will be of greatest value to those who come. The studies will be mostly demonstrations and lectures in the laboratories, with emphasis on "HOW TO DO IT."

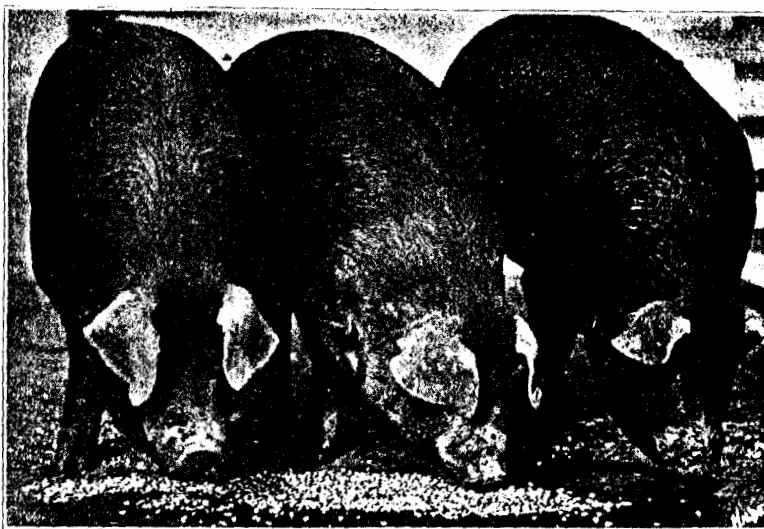
In order that the ladies may come also, courses in dressmaking, canning, cooking, house planning and other questions of particular interest to women will be given. Some are planning to come and secure the assistance of the instructors in planning the family sewing.

All who come may live at the school. Board will be \$4 and room \$1.25 a week.

Those who wish to enroll a week earlier may do so and attend the meetings of the Northwest School Farmers' and Women's week and shows, Feb. 4-8. The only additional expense will be the board and room at the school. For more complete information address the Northwest School, Crookston.

## Honor Scholastic List

FIRST TERM, 1923-1924



TRIO OF DUROC JERSEY BARROWS—WINNERS AT CHICAGO INTERNATIONAL. BRED AND RAISED AT NORTHWEST EXPERIMENT STATION, CROOKSTON

The following students were placed on the honor scholastic roll for the first term. The large number who are on this list speaks well for the good quality of work being done by all students:

### Advanced

Iver Johnson, Crookston.  
Albert Kopecky, Angus.

### Seniors

Howard Balk, Guthrie  
Robert Davids, Bagley  
Ebenhard Gandrud,  
Gladys Gunnufson,  
Fertile.  
Walter Luchau, Gary.  
Inger Lundin, Erskine  
Wallace Miller, Roseau.  
Emma Nelson, Gatzke  
Mildred Oswald, Fertile.

Gertrude Pulkrabek,  
Angus.

Walter Turgeon, Brooks.  
Marie Strickler, Euclid.

### Juniors

Alice Amundson, East Grand Forks.  
Elmer Anderson, Clearbrook.  
Stella Carlson, Hallock.  
Einar Eilertson, Drayton, N. D.  
Selma Hamre, McIntosh.  
Anna Hoper, Stephen.  
Chester Johnson, Fergus Falls.  
Elizabeth Jones, Lancaster.  
Elmer Krogstad, Fertile.  
Einar Loven, Gatzke.  
Elmer Miller, Erie.  
Stella Sorenson, Plummer.  
Esther Strickler, Euclid.  
Della Strommer, Clearbrook.  
Cora Thompson, McIntosh.

### Freshmen

Raymond Armstrong, Euclid.  
Emil Berg, Fosston.  
Albert Carlson, Stephen.  
Elwilda Eklund, Gilbert.  
Iver Eklund, Gilbert.  
Tillie Fort, Erie.  
Alicia Hoppe, Crookston.  
Ben Hurner, Glyndon.  
Clarence Krogstad, Gully.  
Mabel Larter, Lancaster.  
Violet Lundberg, Kennedy.

### ALUMNI REUNION

The annual alumni banquet and reunion will be held at the Northwest school, Friday, February 8, at 5:30 P. M. There will be a business session in Kiehle building at 4 o'clock.

Very elaborate plans are being made to make these gatherings a success. The Minnesota "U" alumni of Crookston will join with the Northwest School alumni and former students for the meetings. President L. D. Coffman will be present, as will Dr. C. A. Prosser of Minneapolis.

In order that complete arrangements may be made it is necessary that all who are planning to attend these meetings should make reservations to Harry Hedin, Secretary, 316 Elm Street, Crookston. This notice must reach him not later than Wednesday evening, February 6. The dinner will be \$1.00 a plate and remittance should accompany the reservation to the secretary.

Ray Magneson, Grygla.  
Melvin Minski, Kennedy.  
Arthur Pederson, Clearbrook.  
Edna Peterson, Grygla.  
Arthur Ramse, McIntosh.  
Phinney Stenborg, Clearbrook.  
Lily Walhaug, Plummer.  
Theodore Ystenes, Fertile.

#### ANNUAL DINNER PRAISED

The annual get-together dinner, following a custom of many years, was held at the close of the first term on December 20. The dining room was artistically decorated in the season's colors and a Christmas tree had been placed on either side of the fireplace. Following the dinner, Supt. C. G. Selvig called for a number of toasts and music selections. Arthur Pederson, Clearbrook, spoke for the freshmen on "The Yule Log"; Selma Hamre, McIntosh, junior, spoke on "The Early Days"; Harry Henderson, Halstad, senior, responded to "Christmas in 1950", while Iver Johnson, Crookston, spoke for the advanced class on "The New Year." Mr. S. L. Victor extended the Christmas message for the faculty, while Mr. R. A. Rossberg, president of the Crookston Association of Public Affairs, extended greetings from the City of Crookston. The music numbers were violin solos by Elmer Uggen, violin instructor, Miss Bothne, the mixed quartette and the senior girls' quartette. Miss Bothne also directed in the community singing of Christmas carols.

#### INSTRUCTORS GIVE RECITAL

On December 14, Miss Agnes Bothne and Miss Lucille Dokken appeared in a joint recital in the school auditorium. A large audience composed of students and Crookston people, was present. Each instructor presented three groups of musical numbers which were enthusiastically received. The Northwest School is fortunate in having instructors of so great ability in the music department and the students appreciate this, as is shown by the large enrollment in the piano and vocal classes.

#### SENIORS WIN SONG CONTEST

In the annual interclass song contest, December 18, the seniors won first place, freshmen second and the juniors third. The three songs used were "A Mighty Fortress is our God," "America the Beautiful," and "Farewell to the Forest." The directors for the classes were Wallace Miller, Roseau, for the seniors; Einar Loven, Gatzke, for the juniors, and Harold Walters, Beltrami, for the freshmen.

#### FOOTBALL AWARDS

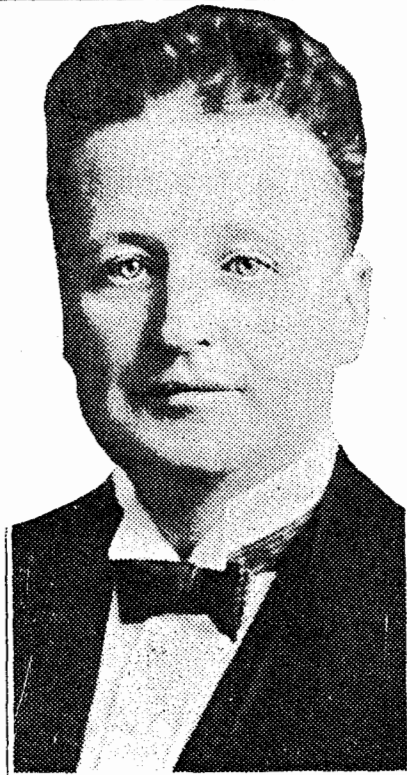
The following football awards were made at the annual school dinner, December 20. Service bars to Iver Johnson, Crookston; James Hanson, Twin Valley; Walter Turgeon, Brooks; Letter A to Harry Henderson, Halstad; Cecil Berg, Halstad; Joseph Skatvold, Twin Valley; Elmer Miller, Erie; Howard Balk, Guthrie; Bert Johnson, Kratka; Melvin Eidsmoe, Nielsville; Walter Luchau, Gary, and honorable mention to Harold Amundson, East Grand Forks; Sylvester Adamski, Oslo; Arnie Solem, Thief River Falls, and Edgar Olson, Middle River.



DEAN W. C. COFFEY

Who will speak on Tuesday and Wednesday, February 5 and 6, at the Northwest School Meetings.

The football season last fall was the most successful in the history of the school and the above men who received awards were deserving of much credit.



FRED W. CARBERRY

of Milwaukee, who will lead community singing on Monday, Tuesday and Wednesday evenings during the N. W. School meetings.

#### JUNIOR SHORT COURSE, MARCH 31-APRIL 4

The twelfth annual Junior Short Course will be held at the Northwest School the week of March 31-April 4. This is for boys and girls 12 to 18 years of age, inclusive. Students will live at the school under the supervision of the school faculty. The only expense will be \$3 for the week at the school.

The greater part of the instruction will be along boys' and girls' club work. Many of the winners in other years in club work have done so because of the lessons received at the short course. The school work is also arranged so that it will be of practical use, even though the boys and girls are not in club work. The program of a social nature is always interesting and the community singing is an important part of the week.

Many teachers are planning their spring vacation during the week of the short course. In many cases the teachers have been present with their students, which is to be encouraged. Where school is in session arrangements have been made in previous years to have the attendance at the short course count as attendance in the local school, and the attendance records thereby kept complete.

Anyone interested should write the Northwest School, Crookston, for more complete information.

#### LECTURE COURSE PROGRAM

Students attending during the second term will hear and see several worthy programs presented on the lecture course. The program includes William Lindsay, head of the piano instruction department at University of Minnesota, and Carl Schuerer, violinist, also with the University. Both of these artists are scheduled to give two recitals during their visit.

Two programs have been secured through the U. of North Dakota. Both are of unusual interest and will be greatly appreciated. The men's Glee Club and the Playmakers will both be outstanding events of the year.

The final number will be a Lyceum troupe, "The Ambassador Male Quartette," who will come in March.

Students in attendance are fortunate in being able to hear programs of such merit and they make school the much more worth while.

#### FACULTY LOSES GAME.

The first team felt highly elated in their victory over the faculty January 5. The final score was 21 to 1. The game was a rather exciting event, both sides playing hard and fast. All members of the faculty took part in the game, but the first team had the advantage in having more men to use and thereby had fresh players available. A number of humorous situations were staged by the faculty teams, which added zest to the evening.

The faculty ladies played the girl team and lost, 31 to 2. The instructor presented many alibies for losing, but none of the explanations were acceptable to the spectators.

The first team has been playin

good basketball but have lost the majority of their games thus far. Most of the players are new men, but the team is developing rapidly and will give a good account of itself before the season is over.

The games played thus far have been: With Fertile, December 1, 14 to 16 in favor of Fertile; Warren, at Warren, December 7, 26 to 12 in Warren's favor; December 15 the Aggies defeated Argyle 13 to 11. On January 12 McIntosh won the return game, 24 to 8.

IN AND ABOUT THE SCHOOL

The sundial purchased for the school by the class of 1919 has arrived and will be placed on the campus this spring.

The class of 1923 has ordered a new velvet curtain for the stage.

A grand piano was purchased last fall for use in the auditorium. With so many musical programs being presented each year such a piano adds greatly to the effectiveness of the selections presented.

The senior class will stage their play early in March. The play selected this year will be "A Strenuous Life," written by Richard Walton Tully. Miss Simley of the English department will direct the production.

Plans have been made to have several student music recitals during the present term. So many students are enrolled in vocal and piano classes that some very interesting programs will be given. Music students have appeared on public programs and other special occasions, and have acquitted themselves very creditably.

Many of our students have taken part in programs given before various civic organizations in Crookston, farmers' clubs and at the Sanatorium. These have been enjoyable occasions for the students who, from all reports, have presented very interesting programs.

Due to Mr. Uggens' absence from the city, the school orchestra was not organized during the first term. Mr. Uggens returned during the holidays and is now in charge of the violin students. The orchestra has also been started and a large number are trying out for the various parts.

On December 11 slides were shown at the school of the Passion Play at Oberammergau. This program was made especially interesting by Mrs. N. A. Thorson, of Crookston, who had personally seen this play presented in Bavaria. Her descriptions and explanations were greatly appreciated.

The lecture by Perry J. Carter, the cartoonist, December 10, will long be remembered by all students. Mr. Carter was very clever with the crayons in depicting cartoons, scenes and events of everyday life.

Arrangements have been made in Prof. T. M. McCall's schedule so that he will be available for a number of extension dates this winter. Farmers' clubs or other organizations who de-



PRESIDENT D. J. COWLING of Carleton College, Northfield, who will speak Wednesday evening, February 6, during the N. W. School meetings.

sire his services should write for further information. Mr. McCall is the horticulturist at the Northwest School and Station.

The finals in the intersociety debating contest was between the Pioneer and Agrarian societies. The Pioneers were declared the winners by a margin of one decision. The question debated was, "Resolved: That the United States should prohibit European immigration for a period of five years."

The home projects awards were



DR. J. A. O. STUB of Minneapolis, who will speak Monday evening, February 4, at the Armory during the N. W. School meetings.

made at the annual school dinner at the close of the first term. For the boys, Raymond Hogenson, of Fertile, received the silver trophy, as having done the best work, while Stella Carlson, Hallock, received the award for the best work among the girls.

INTERSCHOOL DEBATES ARE ARRANGED

The interschool debates will be held March 7, with the Agricultural schools of Morris and Fargo. The question selected this year is, "Resolved, That the United States should subsidize the merchant marine. Two teams will participate in these debates and are already at work. While the teams have not been definitely selected, it is thought that those who have good possibilities are Helen Gibbons, Crookston; Iver Johnson, Crookston; Oliver Howard, Highland; Melvin Neske, Princeton; Albert Kopecky, Angus; Wallace Miller, Roseau; Lydia Miller, Roseau, and Elmer Anderson, of Clearbrook. Iver Johnson, Albert Kopecky and Wallace Miller were on the teams last year, while Helen Gibbons was alternate. Mr. E. W. Avery will have charge of the teams this year.

FROM NEAR AND FAR

Arthur Ingwalson, '23, writes that he is a member of an orchestra at Rockford, Illinois. His address is 2710 11th street.

Paul Engelstad, '16, with his family, has moved from Thief River Falls. He is the manager of the Northern Cedar farms at Blackduck, a Guernsey herd which is under the supervision of the United States Department of Agriculture.

Mrs. A. F. Haig, formerly head of the English department at the Northwest School, is now head of the English Department of the Technical High School, St. Cloud. She is associate editor of the Tri-State English notes published by Wisconsin, Iowa and Minnesota English teachers.

Gilbert Huot, '14, until recently manager of the People's Auto Company, Thief River Falls, was chosen secretary-treasurer of the Red Lake Falls Auto Club at a meeting last week.

Norris M. Johnson, '14, formerly connected with the N. E. Experiment Station, has now established headquarters at Grand Rapids for his territory as representative of the American Agricultural Chemical Company of St. Louis, Mo.

R. C. Coffin, state secretary for the Y. M. C. A., Minneapolis, visited at the school on December 19.

William Lindberg, '12, writes that he is now in the Creamery and Produce business at Minto, North Dakota, which he purchased last March. He is enjoying a good business and likes his new location.

Hannah Insdahl, '16, asks to have the N. W. Monthly sent to her at Warren, where she is taking nurses' training. She has been there since July and will study there two years, when she will finish at the University.

(Continued on Page 8)

# THE NORTHWEST MONTHLY

Issued Monthly by  
**THE UNIVERSITY OF MINNESOTA**  
**NORTHWEST SCHOOL OF**  
**AGRICULTURE**  
**C. G. SELVIG, Superintendent**

**OFFICE**  
 Northwest Experiment Station,  
 Crookston, Minnesota

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

## DUROC JERSEYS WIN AT INTERNATIONAL.

The University of Minnesota Department of Agriculture made a splendid showing in the fat hogs, fat cattle, and in the breeding classes at the International Livestock exposition held in Chicago last December. Three Duroc Jersey barrows bred and raised at the Northwest Station, and which were fitted and exhibited as a part of the University exhibit, won first and third place in the 250 to 350 pound class. The pen of three won first place in that class and second place in the open class. O. M. Kiser, in charge of livestock work at the Northwest Station, is highly elated over this showing.

## FEBRUARY 4-8

The increasing interest that is being taken by the people of northwestern Minnesota in the annual Red River Valley event known as the Northwest School Farmers' Week and Women's meeting and Red River Valley Winter Agricultural Shows is an indication of the importance that this week has assumed in the agricultural development of this section of the state.

This issue of the Northwest Monthly gives the program in full, with the exception of the details of the meetings to be held on Friday, February 8, the last day of the week.

The week is rich in what it offers farm men, farm women, and townspeople alike. Messages will be presented by experts in every line. In addition there will be music at all of the sessions and each evening an inspirational address will be given by a person of outstanding ability.

Each community should be represented during this week. It will pay you to come. Make plans to be present!

## RED RIVER VALLEY IDEAL FOR SHEEP RAISING

Conditions are Favorable, Says Dean Coffey

Dean W. C. Coffey of the University Department of Agriculture, whose book, "Productive Sheep Industry," is



**PRESIDENT L. D. COFFMAN**

Who will speak Thursday evening, February 7, and Friday afternoon, February 8, at the N. W. School meetings.

the recognized standard text on that subject, and who is thoroughly familiar with conditions favorable to sheep raising, sent a statement recently to a Nebraska man in reply to his inquiry regarding the best place to raise sheep.

Dean Coffey's statement follows:

"A man looking for a location for sheep raising at the present time could make no better selection than in the Red River Valley of Minnesota or North Dakota. This may seem like a very strange statement in view of the fact that this region is very flat, but the rainfall is not great enough to make an insurmountable



**MRS. JAMES PAIGE**

of Minneapolis, who will speak at the women's meetings on Wednesday and Thursday afternoons, February 6 and 7.

health problem and it is sufficient to grow the necessary feed."

"The flock of Shropshires at the Crookston Experiment Station is remarkably healthy, and it returns as much on the investment as any investment at that place. Land can be had at a very reasonable figure in the Valley at the present time, and there are places for sale that are well improved and have all the drainage necessary to the growing of crops and keeping a healthy flock."

"The land is fertile; it will grow alfalfa and sweet clover in abundance, and corn is assuming greater importance each year. Moreover, there is a heavy dockage in the wheat being grown in the Valley and movements are under way which will bring about the practice of removing the dockage before the wheat is placed on cars. This dockage, or screenings, is good sheep feed and together with the corn, the barley and other grains that can be grown in the Valley, adequate provision will be made for both growing and fattening sheep."

"Sweet clover for pasture can be depended upon to greater degree than upon blue grass. Early in the spring blue grass is splendid, but as the season advances it does not yield very great feeding value, while sweet clover holds up in feeding value throughout the growing season. The practice of growing alfalfa for hay through the winter months and sweet clover for pasture in the summer months gives an ideal forage combination for sheep raising in the Red River Valley."

## A WILT RESISTANT FLAX

The first distribution of the new wilt resistant variety of flax, known as Chippewa, or Minnesota No. 181, will be made from the Northwest Station this spring. Small amounts of seed, not exceeding five bushels to any one grower, will be distributed to farmers who will agree to sow it on especially fertile land, have the crop inspected for certification by the Minnesota Crop Improvement Association and reserve the entire yield for their own seed or for sale to their neighbors as seed. Chippewa flax has been tested for five or six years by various Minnesota experiment stations and has proved to be very resistant to wilt, even when sowed on old land, and has been an excellent yielder. Twenty-five bushels of Wisconsin Black soy beans, and 200 bushels of pedigree Northwestern Dent corn also will be distributed this year. The demand for soybeans, corn, and flax has been unusually great this year. Wisconsin Black and Minsoy soy beans are the earliest maturing varieties tested at this station.

Other varieties of pedigreed grain which will be distributed for the 1922 seeding, are Minota, a high-yielding midseason variety of oats, Improve Ligowa (Minnesota No. 281) oats; Minnesota No. 184 barley, Mindun (durum) Marquis and Kota wheat. For list and description of seed available or for list of pure seed grower who can furnish large quantities of these varieties, write E. R. Carl Seed Specialist, Northwest Experiment Station, Crookston.

*Program for*  
**Red River Valley Week--Northwest School Farmers' Week,  
Women's Meetings and Red River Valley Winter Shows**

**FEBRUARY 4, 5, 6, 7, AND 8, 1924**

**PROGRAM OF EVENING MEETINGS  
ARMORY**

**MONDAY EVENING, FEBRUARY 4**

Address of Welcome—Supt. C. G. Selvig.  
Address—Dr. J. A. O. Stub, Minneapolis.

**TUESDAY EVENING, FEBRUARY 5**

Address—Dr. Preston J. Bradley, Chicago.

**WEDNESDAY EVENING, FEBRUARY 6**

Greeting from Dean W. C. Coffey, St. Paul.  
Address—President D. J. Cowling, Northfield.

**THURSDAY EVENING, FEBRUARY 7**

Red River Valley Song Festival.  
Address—President L. D. Coffman, Minneapolis.

**FRIDAY EVENING, FEBRUARY 8**

Address—Dr. C. A. Prosser, Minneapolis.

BRING THIS PROGRAM WITH YOU.

**SCHEDULE OF MEETINGS, EXHIBITS, CONTESTS  
AND SALES**

The following events will take place in Crookston during Northwest School Farmers' Week meetings and the Red River Valley Winter Shows, February 4 to 8, 1924.

**FARMERS' WEEK MEETINGS**

Crops for Livestock Feeds.....Tuesday, February 5  
Livestock Problems.....Wednesday, February 6  
Balancing Farm Production.....Thursday, February 7  
Stabilizing Farm Prices.....Friday, February 8

**EDUCATIONAL CONTESTS**

9:00 A. M., February 4  
Livestock judging contests for farm club, high school and inter-class teams of Northwest School of Agriculture. T. M. McCall and D. H. LaVoi in charge.

9:00 A. M., February 4  
Farm Crops judging contests for high schools, E. R. Clark in charge.

Red River Valley Spelling contest will be held on Friday, February 8, at the Central High School building. The two winners in the county contest will be eligible to compete in this event from Becker, Clay, Clearwater, Kittson, Mahanomen, Marshall, Norman, Pennington, Polk, Red Lake, and Roseau.

Committee in charge: E. K. Sampson, Ada; Erba Pouliot, Red Lake Falls, and Ingeborg Espeseth, Crookston.

The final spell-down will be held at 4:00 o'clock, Feb. 8, at the Armory.

**SHOWS AND EXHIBITS**

Livestock, junior livestock, poultry and farm crops shows, an industrial and implement exhibit and various educational exhibits will be held during the entire week in the Red River Valley Livestock association's pavilion and two annexes.

**ASSOCIATION MEETINGS**

Red River Valley Livestock, 11:00 A. M., Tuesday, February 5  
Red River Valley Crops and Soils, 10:00 A. M., Tuesday, February 5  
Boys' and Girls' Club Conference, 11:00 A. M., Tuesday, February 5  
Northern Minnesota Poultry, 12:00 o'clock, Wednesday, February 5  
Minnesota Red River Valley Development, 6 P. M., Thursday, Feb. 7  
Red River Valley Guernsey Breeders, 12:00 M., Thursday, February 7  
Northwest School of Agriculture Alumni, 4:00 P. M., Friday, Feb. 8

**PUREBRED LIVESTOCK SALES**

Chester White, Duroc Jersey and Poland China, Thursday, February 7  
Holsteins.....Friday, February 8

**FOURTEENTH ANNUAL NORTHWEST SCHOOL  
FARMERS' WEEK AND WOMEN'S MEETINGS**

**INFORMATION**

The meetings, both men's and women's, scheduled for the week, excepting the meetings of Valley organizations, are held under the auspices of the University of Minnesota, Northwest School of Agriculture, Crookston, and are a regular part of the work of that institution.

Reduced railroad rates have been granted. Fare and one-half, open rate. No certificates are required. Tickets are on sale February 2 to 8, inclusive, with final return limit, February 11.

On arriving at the Red River Valley Winter Shows building, secure tickets for the day or the week. There is no charge for the day sessions held in the Armory or

the women's meetings held in the Presbyterian church.

The daily admission to the livestock, farm crops and poultry exhibits is 50 cents. Admission to each evening program is 50 cents. Day and evening combined on special ticket of admission, 75 cents. One ticket for entire week, is \$2.00.

For lodging accommodations inquire at the Lodging Booth at the Winter Shows building.

Be sure to read carefully the announcements in these pages for the different association meetings, shows and conferences.

Attend evening programs in the Armory, Monday, Tuesday, Wednesday, Thursday and Friday. They begin promptly at 7:30 o'clock. The Red River Valley Song Festival will be held on Thursday evening.

Note the meetings by various organizations. These are very interesting events. Opportunity is presented to get acquainted with members from other counties.

Tuesday, February 5, will be growing livestock feeds day, when special topics relating to these crops will be given.

Wednesday, February 6, will be livestock day. Northern Minnesota Poultry Association will hold its annual meeting on February 6, also.

On Thursday, February 7, balancing farm production will be the principal theme.

On Friday, February 8, the topic will be on the subject of re-establishing the purchasing power of the farmers' dollar. This meeting is held under the auspices of the Minnesota Red River Valley Development Association, C. H. Zealand, Secretary.

The Red River Valley Guernsey Breeders' Association will meet at 12:00 noon, Thursday, February 7, at the Armory, in room at right of entrance. Leonard Houske, secretary.

Boys' and girls' club conference in room at right of entrance, Armory, Tuesday, February 5, 11:00 A. M.

The Northwest School of Agriculture Alumni association meeting will be held at the Northwest School Auditorium at 4:00 P. M., Friday, February 8. There will be a dinner served at 6:00 o'clock. All members of the Alumni association are requested to attend. Make reservations for the dinner. Alumni ball in evening. Harry Hedin, Crookston, is in charge.

**PROGRAM**

**MONDAY, FEBRUARY 4**

9:00  
LIVESTOCK PAVILION JUDGING ARENA  
Farmers' Club, Township Team, High School and Northwest School of Agriculture Livestock Judging Contests.

Judges: Sheep, W. A. Peters; Horses, H. G. Zavoral; Dairy Cattle, A. M. Challey; Beef Cattle, Wm. Guy; Swine, D. B. Morris.

9:00  
LIVESTOCK PAVILION, 2ND FLOOR

High School Farm Crops Judging Contest.  
Judges: T. A. Erickson, A. J. Kittleson and R. C. Rose.

9:00  
LIVESTOCK PAVILION, 2ND FLOOR

Judging Grain, Corn, and Potato Exhibits  
Judges: A. C. Arny and R. C. Rose, University Farm, St. Paul, and M. J. Thompson, Duluth.

Judging Livestock Exhibits  
Judges: Dairy cattle: H. R. Searles, U. Farm, St. Paul; Beef cattle, W. E. Morris, U. Farm, St. Paul; Swine, A. A. Dowell, U. Farm, St. Paul; Sheep, W. C. Coffey, U. Farm, St. Paul; Junior Classes, H. R. Searles and W. C. Coffey.

Judging Poultry Exhibits  
Judge: Geo. W. Hackett, Minneapolis.

5:30  
CROOKSTON ASSOCIATION  
Dinner meeting of members of judging teams and junior livestock exhibitors.

Crookston Municipal Band, H. L. Smith, Director, will furnish music during the afternoon.

**MONDAY EVENING**

7:30  
AUDITORIUM  
ARMORY

L. D. Foskett, President of Kiwanis Club, Presiding  
Music—Crookston High School Orchestra, R. S. Coker, Director.  
Address of Welcome—C. G. Selvig, Superintendent, Northwest School and Station, Crookston.

Community Singing—Fred W. Carberry, Director.  
 Music—Junior High School Boys' Glee Club.  
 (a) All Through the Night.....Old Welsh Air  
 (b) Vive L'Amour.....College Song  
 F. I. Schweppe, director, Claire Fylling, accompanist.  
 Address—"Trimming the Wick", Dr. J. A. O. Stub, Minneapolis.  
 See Poultry Shows: Be sure to see the entries in this year's Northern Minnesota Poultry Association Poultry Show, second floor, Annex B.

## TUESDAY, FEBRUARY 5

9:00 LIVESTOCK PAVILION  
 Livestock Judging Classes.  
 Judging Poultry Show. Second Floor, Annex B.

10:00 ARMORY  
 Alfalfa Seed in the Red River Valley  
 Getting a Start with Hardy Varieties.....A. C. Army  
 The Performance of Minnesota Grimm.....R. F. Crim  
 The Seedman's Interest in Certified Seed.....C. A. Bush

10:30 LIVESTOCK PAVILION  
 "Proper Feeding of a Dairy Cow"—The Bemidji Dairy Demonstration team, Theodore Fenske and Marshall Nugent. They won first on their demonstration at the State Fair, and received a free trip to the National Dairy Show at Syracuse, N. Y., where they won first place over teams from 19 other states. The leader for the Beltrami county team is H. A. Pflughoeft, teacher of agriculture, Bemidji.

11:00 LIVESTOCK PAVILION  
 Annual Business Meeting of the Red River Valley Livestock Association, followed by Luncheon Meeting at Rap's Cafe.

11:30 ARMORY  
 Annual Meeting of Red River Valley Crops and Soils Association.

1:30 ARMORY  
 General Subject: "Growing Feed for Livestock in Red River Valley."  
 Sweet Clover and Soybeans—A. C. Army, University Farm, St. Paul, and O. M. Kiser, Northwest School, Crookston.

Northern Corn for Northern Climate—H. L. Walster, North Dakota Agricultural College, Fargo.

The Red River Valley Alfalfa Campaign—C. R. Hutcherson, N. W. Farmstead, Minneapolis.

The Red River Valley as a Livestock Region—Dean W. C. Coffey, University Farm, St. Paul.

## TUESDAY EVENING

7:30 ARMORY  
 G. H. Sanberg, President of Rotary Club, Presiding

Community Singing, Fred W. Carberry, Director.  
 Music—Combined Mixed Chorus from Crookston High School and Northwest School of Agriculture.

(a) Hail to the Heroes (From "Aida").....Verdi  
 (b) Love's Old Sweet Song.....Molloy

Presented under direction of Mr. F. I. Schweppe and Miss Agnes Bothne

Address—"The Window of the World," Dr. Preston J. Bradley, Chicago.

See the Farm Crops Exhibit: Be sure to inspect the grain, corn and potato exhibits, first and second floors of Livestock pavilion.

## WEDNESDAY, FEBRUARY 6

9:00 LIVESTOCK PAVILION  
 Parade of Price-Winning Livestock.

Presentation of Silver Trophies:

Best Beef Herd in the Red River Valley, won in 1923 by University of Minnesota, Northwest School and Station, Crookston.

Best Dairy Herd in the Red River Valley, won in 1923 by C. L. Spaulding, Warren.

Best Sheep Flock in Red River Valley, won in 1923 by University of Minnesota, Northwest School and Station, Crookston.

Best Swine Herd in Red River Valley, won in 1923 by R. E. Morehead, Euclid.

Best Dairy Calf in Junior Livestock Show, won in 1923 by Allen Gandrud, Detroit.

10:00 ARMORY  
 General Subject: "Raising Livestock in the Red River Valley."

Feeding the Dairy Cow and Calf—H. R. Scaries, University Farm, St. Paul.

Making Money in Hog Raising—A. A. Dowell, University Farm, St. Paul.

Discussion.

12:00  
 Luncheon Meeting, Northern Minnesota Poultry Association. Place of Meeting to be Announced.

1:30 ARMORY  
 Producing Beef in the Red River Valley—W. H. Peters, University Farm, St. Paul.

Deficiencies in Feeding Rations, How to Overcome—C. H. Eckles, University Farm, St. Paul.

Minnesota's Record in Dairying—Chr. Heen, state dairy and food commissioner, St. Paul.

What Should the Red River Valley Produce in 1924?—Andrew Boss, University Farm, St. Paul.

Discussion.

## WEDNESDAY EVENING

7:30 ARMORY  
 J. Harry Sylvestre, Representing Crookston Association, Presiding

Community Singing—Fred W. Carberry, Director.  
 Music—Girls' Glee Club, Northwest School.

(a) Hearts Light as Air.....Wekerlin  
 (b) Almond Blossoms.....Pestalozza

Miss Bothne, Director; Miss Dokken, Accompanist.

A Word of Greeting—W. C. Coffey, Dean, University Department of Agriculture.

Address—President D. J. Cowling, Carleton College, Northfield.

See the Livestock Exhibits: Be sure to see the livestock exhibited in this year's Red River Valley Livestock Association show.

## THURSDAY, FEBRUARY 7

9:00 LIVESTOCK PAVILION  
 Presentation of Sweepstakes Prizes in farm crops show and for best farm crops exhibits by farm clubs.

Parade of Prize Winners in Red River Valley Livestock association livestock show.

Livestock Judging Demonstration.

10:00 ARMORY  
 General Subject: "Balancing Farm Production in the Red River Valley."

Profits in Raising Sheep on Red River Valley Farms, W. H. Peters, University Farm, St. Paul.

Mineral and Protein Supplements in Hog Feeding—W. E. Morris, University Farm, St. Paul.

1:30 ARMORY  
 Poultry Production Problems—N. E. Chapman, University Farm, St. Paul.

Potato and Sugar Beet Production in the Red River Valley—T. M. McCall, Northwest School, Crookston.

The Importance of Balancing Production—Andrew Boss, University Farm, St. Paul.

Diversified Farming in the Northwest—President J. L. Coulter, North Dakota Agricultural College, Fargo.

## THURSDAY EVENING

7:45 ARMORY  
 N. A. Thorson, Representing Singers' Association, Presiding

Part One—Red River Valley Combined Chorus.  
 Address—President L. D. Coffman, University of Minnesota, Minneapolis.

Part Two—Red River Valley Combined Chorus.

## FRIDAY, FEBRUARY 8

9:00 ANNEX B, SECOND FLOOR  
 Presentation of Awards to Winners in the Poultry Show.

Poultry Demonstration. LIVESTOCK PAVILION

9:00 LIVESTOCK PAVILION  
 Parade of Prize Winners in Livestock Show.

Livestock Judging Demonstration. ARMORY

Meeting held under the auspices of the Minnesota Cooperative Potato Growers Association.

"The Potato Warehousing Problem." ARMORY

1:30 ARMORY  
 Meeting held under the auspices of the Minnesota Red River Valley Development Association.

"Re-establishing the Purchasing Power of the Farmers' Dollar." ARMORY

4:00 ARMORY  
 Red River Valley Rural School Spelling Contest.

## FRIDAY EVENING

7:30 ARMORY  
 C. G. Selzer, President Winter Shows, Presiding

Music—High School Girls' Glee Club:

(a) Swing Low, Sweet Chariot.....Burleigh  
 (b) Shooey Shoo.....Ambrose

F. I. Schweppe, Director; Minnie Hoven, Accompanist.

Address—"The Magic Chance"—Dr. C. A. Prosser, Minneapolis.

Special Exhibit: Be sure to see the Industrial and Farm Machinery Exhibits in Annex B.

## WOMEN'S MEETINGS

At 10:30 each morning, on Tuesday, Wednesday, Thursday and Friday, February 5-8, regular classes will be held at the Presbyterian church.

Miss Carlotta Brown, instructor in millinery, Home Economics department, University Farm, St. Paul, will conduct classes on Feb. 5 and 6.

Miss M. Louise Stoddard, instructor in home decoration, from the same institution, will conduct classes on Feb. 7 and 8.

## AFTERNOON MEETINGS

The afternoon meetings on the same days will be held in the auditorium of the Presbyterian church. These meetings will commence promptly at the time scheduled.

Mrs. James Paige is a prominent lecturer living in Minneapolis, and is a member of our state legislature. She recently returned from a trip to Europe and has a vital and interesting message.

## TUESDAY FORENOON

10:30 When You Choose Your Hat—Miss Carlotta M. Brown.

## TUESDAY AFTERNOON

1:45 General Singing, led by Fred W. Carberry.

2:00 Shopping in Your Attic—Miss Carlotta M. Brown.

2:50 Pipe Organ Selections—Mrs. Wm. A. Nebelung.

3:00 Address—Dean W. C. Coffey.

3:30 Music—Selected.

3:45 Address—Dr. Preston J. Bradley.

## WEDNESDAY FORENOON

10:30 Renovation—Miss Carlotta M. Brown.

## WEDNESDAY AFTERNOON

1:45 General Singing, led by Fred W. Carberry.

2:00 Brim Coverings—Miss Carlotta M. Brown.

2:50 Pipe Organ Selections—Miss Agnes Bothne.

3:00 Address—President D. J. Cowling.

3:30 Music—Selected.

3:40 "An International Woman's Congress"—Mrs. James Paige, Minneapolis.

## THURSDAY FORENOON

10:30 Wall Paper and Floor Coverings—Miss M. Louise Stoddard.

## THURSDAY AFTERNOON

1:45 Pipe Organ Selections—Mrs. Wm. A. Nebelung.

2:00 Home-like Living Room—Miss M. Louise Stoddard.

2:50 Music.

3:00 Address—Music in the Past, Present and Future—Dr. Victor Nilsson, Musical Critic of the Minneapolis Journal.

3:45 Woman's Place in Politics—Mrs. James Paige, Minneapolis.

## FRIDAY FORENOON

10:30 Uses of Flowers in the Home—Miss M. Louise Stoddard.

## FRIDAY AFTERNOON

1:45 Pipe Organ Selections, Miss Agnes Bothne.

2:00 Dresses Becoming in Line and Color, Miss M. Louise Stoddard.

2:50 Music—Selected.

3:00 Address—President L. D. Coffman.

3:30 Music—Selected.

3:40 Address—Dr. C. A. Prosser.

## Summary of Results for 1923, Northwest Experiment Station

TAKEN FROM ANNUAL REPORT NOW ON THE PRESS. SEND FOR COPY.

1. Marquis, with 15.8 bushels per acre, has the highest average yield during the last four years of any common wheat variety. It has a 12-year average of 20.7 bushels.

2. Mindum, an amber durum, has outyielded all varieties with an average of 24.6 bushels for 12 years and 19.9 bushels for the last 4 years.

3. Of 10 varieties of common wheat compared, Kota has proved the most resistant to rust, although as a four year average, it has not outyielded Marquis (average of 15.5 bushels). It has a tendency to lodge, and milling qualities are still questionable. In 1923, a rust year, it yielded slightly more than Marquis, but the quality of Kota was markedly superior.

4. One year trial of wheat and flax mixture shows no increase in yield for the mixture over either grown alone, but wheat in flax controlled the weeds.

5. Medium maturing oats have outyielded the early varieties. Minota and Minn. 281 are standard varieties that have proven satisfactory. Gopher is a good early variety.

6. Minn. No. 184 is a high yielding 6-row barley and Svansota a reliable 2-row variety.

7. Minn. No. 2 rye has the highest average yield of the rye varieties.

8. Winter wheat has been successfully grown at the Northwest Station only when sown between the rows of standing corn, with every tenth row left standing.

9. Chippewa flax has proved most resistant to wilt. Seed is available for distribution. Saginaw is recommended for a fiber variety.

10. Minnesota Grimm Alfalfa is recommended as a hay and seed crop for northwestern Minnesota. Seeding alone from June 15 to July 15 has given best results.

11. Sweet clover is recommended as a pasture and soil-improvement crop for Northwestern Minnesota. In a 2-year trial no marked difference in yield of hay was obtained between the white and yellow blossom. Annual (Hubam) yielded almost twice as much hay the first year as the biennial, but over a two-year period, the biennial yielded about one ton more than two annual crops of the Hubam.

12. Soy beans are recommended for seed production, hay, hogging-off, and for silage. Minsoy and Wisconsin Black are safe varieties for this section.

13. Soy beans planted with a grain drill produced larger yields than with a corn planter, but almost three times as much seed per acre was required.

14. Of the soy beans planted with corn for silage, Chestnut soy beans proved best with Northwestern Dent.

15. Corn is a successful crop if early-maturing varieties and home-grown seed are used. Adapted strains produced near home, seed of high germination, early planting, and careful cultivation are the essentials.

16. Northwestern Dent corn with 49.6 bushels of ear corn per acre, has produced the highest average yield of ear corn.

17. North Dakota White Flint, Pearl Flint and Gehu have produced average yields of from 43 to 48 bushels per acre. They are recommended for ear corn and for hogging off.

18. Minnesota No. 13 is recommended for silage corn; N. W. Dent for the northern section of the valley.

19. The early seeding of barley out-yielded the later seeding by nearly six bushels per acre.

20. The September 10 seeding of winter rye has given best results.

21. In a mixture of wheat and oats the mixture outyielded the wheat-alone seeding by 588 pounds per acre. Wheat in the mixture was less affected by rust than when seeded alone.

22. Of the three-five, and seven year rotations carried on at the Northwest Station, it has been demonstrated that all are satisfactory, but that the seven year rotation is the weediest.

23. A ten-year average shows that it would require 100 acres of continuous wheat to produce as much as 60 acres of wheat in a rotation.

24. Rotating wheat, barley and oats has shown no increase over continuous cropping.

25. Although copper carbonate has not been as effective in controlling smut as formaldehyde, it has not in two years reduced the yield, but rather an increased yield has been obtained. Formaldehyde has reduced the yield of wheat and oats as compared to untreated grain, although smut has been controlled.

26. Plowing under sow thistle seed to a depth of seven inches does not kill them but it greatly retards their growth, so that fewer cultivations are necessary to prevent leaves from forming. Infestation occurs more generally from old roots than from seed, although, given favorable conditions, seedlings may produce heavy infestation.

27. Commercial fertilizers have not paid for themselves in the grain and corn crops on the station soil, but cooperative trials in other counties show profitable increases from phosphate. Marked increases are also obtained at the station from the use of phosphate on alfalfa and clover.

28. The largest increases from manure are obtained from the 16 to 32 ton per acre applications, but the most economical increases come from the four ton per acre application.

29. Pure seed stocks in limited amounts are distributed to farmers who will plant them on clean land to increase further the available amount of superior producing strains.

### HORTICULTURE

30. Virginia, Transcendent, Arctic, Early Strawberry and Siberian crab apples and Hibernial and Malinda seedling apples are fruiting at the Northwest Station.

31. Many of the less hardy varieties of apples top-grafted on hardy crab stocks are making good growth.

32. Practically all of the standard American plums do well here. The Winnipeg plum and the Zumbra cherry are two very promising varieties for Northern Minnesota.

33. Beta and Campbell's early grapes are fruiting.

34. Red currant varieties that yield best are Perfection, Pomona, Red Cross, Long Bunch Holland and London Market.

35. Gooseberry varieties that yield best are the Carrie, Houghton, and Pearl varieties.

36. Raspberry varieties that yield best are the Latham, King, Sunbeam, and Gregg varieties.

37. Strawberry varieties that yield best are Duluth and Progressive ever-bearing and Senator Dunlap.

38. The white elm is a very valuable tree for this section of the state. Write for recommended list of trees.

39. A large number of ornamental shrubs are adapted to northwestern Minnesota's conditions. Write for list of shrubs.

40. Recommended varieties of the different kinds of garden vegetables and root crops will be mailed upon application.

41. Early varieties of potatoes, such as the Early Ohio, Irish Cobbler and Triumph are best for the Red River Valley. The Green Mountain is best of the late varieties.

42. Very profitable returns have come from treating seed potatoes. The hot formaldehyde or the corrosive sublimate solutions are recommended for tuber disease treatment.

43. From two years tests with inoculated sulphur for potato scab, it has been found that 400 lbs. per acre reduces the alkalinity of the soil but slightly and that scab control on the sulphur plots has not been complete.

44. Home-made Bordeaux mixture proved more economical than the commercial brands in spraying potatoes.

45. Five applications of Bordeaux with a high pressure liquid sprayer increased the yield of potatoes 50.45 bushels per acre over those not sprayed.

46. Acid phosphate continues to be the most profitable commercial fertilizing material for potatoes on the station soil, producing an increased yield in 1923 of 49.6 bushels per acre.

47. Sixteen tons of manure per acre produced the greatest yield of potatoes per ton of manure applied.

48. Many desirable, apparently disease-free strains are showing up

in the tuber unit selections of Early Ohio and Irish Cobbler potatoes.

49. Vilmorin Elite sugar beets have produced an average of 12 tons per acre per year for the past nine years.

50. Mangel varieties in 1923 yielded from 23 to 31 tons per acre.

Hundreds of varieties of trees, shrubs, fruit trees, small fruits, flowers and lawn grasses may be seen best in a personal visit. Bring your neighbors and spend a day at the Northwest Station.

#### LIVESTOCK

51. Hogs can be profitably finished on barley when corn is not available or too high in price.

52. Pasture is required if pork is to be produced economically.

53. Pigs will make favorable and economical gains on rye.

54. Skimmilk is more economical and a more satisfactory feed than tankage in producing animal growth.

55. Lambs return a greater profit on feed consumed than other classes of livestock.

56. Lambs on good pasture will make an average daily gain of from .35 to .4 lb.

57. Hogging off corn is the most economical method of producing gains during the fall months, after pigs have made a growth on summer pasture.

58. For economical gains in hogging off corn, a protein must be supplied. Soybeans planted with the corn will supply the protein requirement.

59. Shorts or flour middlings when used with barley and tankage in a ration for growing pigs on alfalfa pasture will make a more economical ration than barley and tankage.

60. Sweet clover is demonstrated to be a very valuable pasture crop for Northwestern Minnesota.

61. Good second cutting sweet clover hay has practically the same feeding value as alfalfa hay.

62. The first cutting of sweet clover should be made before bloom for the most palatable and most nutritious hay.

63. The average production of the dairy cow in the Northwest Station dairy herd for 1923 was 8131 lbs. of milk. The cows were in milk an average of 229 days.

Livestock feeding problems in the Red River Valley are being given much attention at the Northwest Station. Spend a day there to see the results for yourself. Come at any time.

#### POULTRY

64. Moist mashes, green food, buttermilk, grains, oyster shells and grit are necessary poultry feeds.

65. Early hatched pullets are better winter layers than old hens. It pays to cull the flock every year.

66. A poultry house with a straw loft will remove the moisture from the poultry house, if properly constructed.

67. The essentials of a good poultry house are: freedom from moisture; abundance of ventilation; freedom from drafts, plenty of sunlight; rat and mice proof and having good sanitation.

68. Cotton fronts and straw lofts

are proving satisfactory for ventilating poultry houses in this district.

69. Where only a few chickens are to be hatched, natural incubation gives the best results.

70. Use only healthy, vigorous birds in the mating pen.

71. Only by careful breeding, selection and culling of the flock will improvement be made.

72. Pure-bred poultry will lay eggs of higher quality and uniformity than mongrels.

73. Old hens give better results as breeders than pullets.

74. Buttermilk gives better results than water as a drink for young chicks.

75. Chick mortality is much greater among mongrel chicks than pure-bred.

76. Barred Rocks at the Station made better gains per pound of feed fed than did Rhode Island Reds or White Leghorns.

77. Buttermilk, skimmilk, rabbits or animal meat supplies the animal food the poultry needs.

78. Lime water has proved to be a good preservative of eggs at the Northwest Station.

A flock of chickens or turkeys gives a substantial reward when properly handled. The Northwest Station will give you any help or suggestions possible. Plan a personal visit and talk over your problems with the poultry specialist.

#### WHAT OF 1924?

1924 will show a greater trend toward balanced production in the Red River Valley than ever before. Encouraged by the successes, even during the present depressed period, of neighbors who have live stock and have been growing feeds for it, profiting by the experience they have gained, and securing all the information available, many other farmers in 1924 are giving attention to the following

#### PROGRAM OF FARMING FOR THE RED RIVER VALLEY

1. Have dairy cows or beef cattle. In one Red River Valley county, the average farm has only 13 head of cattle per farm. The number should be at least 50. There are 1,333 cowless\* farms in the 11 counties of the Red River Valley.
2. Have a few hogs. In one Red River Valley county the average farm has only 4 hogs per farm. There are 5,671 \*hogless farms in the 11 counties of the Red River Valley.
3. Have a few sheep. The Red River Valley is especially adapted for sheep raising. Wool and mutton bring good prices.
4. Have a good sized flock of chickens. Red River Valley farms average about 60 hens per farm. There are 2,046 henless\* farms in the Red River Valley.
5. Have pure bred sires. No investment brings greater returns.
6. Raise Sweet Clover for Pasture. Every year brings added testimony to the record of the value of sweet clover both as a pasture and as a hay crop.

\* 1920 U. S. census figures.

7. Raise alfalfa for hay. The Red River Valley is favored in the large yields of alfalfa obtained. Many counties are putting on an alfalfa campaign. The Red River Valley will soon lead the state in alfalfa acreage per farm.

8. Plan to grow sugar beets. United States imports 70 per cent of its sugar. Minnesota produces only 10 per cent of the sugar used in this state. Plans for a sugar beet factory to be located in the Valley are under way. This will increase profits from sugar beet raising.

9. Plan to grow more corn. In 1923 corn received more attention than during any previous year. Read carefully the points under corn in the first part of this booklet. Use northern grown seed of early maturing varieties.

10. Plan to grow a limited acreage of potatoes. Grow them on well prepared ground, using treated seed and spraying the vines.

11. Plan to devote a portion of the farm to pure seed production. Raising purebred seed wheat, oats, barley, rye, flax, alfalfa, and sweet clover seed, corn and soybeans will pay you well. Secure the right strains and varieties.

12. Plan to grow some flax. Even with last year's increased production of flax, the United States still imports a large amount of this crop.

13. This does not mean that Red River Valley farmers should not continue to raise wheat and other small grains. The Valley most successful farmers are raising wheat on clean land made possible by rotating crops. Live stock are fed on the roughage.

14. Send for bulletins on growing sweet clover, alfalfa, soybeans, sugar beets, dairying, swine raising, sheep growing, beef production, feeding livestock, value of sweet clover hay for feeding steers, chicken raising, corn, potatoes, small grains, flax culture, and sow thistle control. Write

Northwest Experiment Station,  
C. G. Selvig, Superintendent  
Crookston, Minnesota

(Continued from Page 3)

#### FROM FAR AND NEAR

Amy Malakowski, '18, writes from Valley City, where she is attending the State Teachers' College, that the calendar she received serves as a daily reminder of the pleasant days she spent at the Northwest School.

Ingmar Berner, who attended the school in 1913-14, called at the school in December. His present address is Buchanan, Sask., Canada.

James Homme, '22, is attending Bemidji Teachers' College.

John Gronner, '22, is attending Stout Institute, Menominee, Wisconsin.

Laura Kjalberg, '21, Adela Raymond, and Alma Nelson, '22, visited at the school recently en route to Bemidji, where they are attending Teachers' Training College.

Martin C. Anderson writes from Agricultural College, North Dakota where he is taking a four year veterinary course, that he received and enjoyed the 1924 calendar.