

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. XI

CROOKSTON, MINNESOTA, JANUARY, 1927

NO. 2

NORTHWEST STATION'S REPORT WILL BE READY FEB. 1

The Annual Report of Northwest Experiment Station for 1926 has just been sent to the printers by Superintendent Selvig. It covers the work done since the thirty-first year since the establishment of the station, the eighteenth since the installation of the drainage ditches and outlet, and the seventeenth since Mr. Selvig assumed the superintendency, which also is to be his last year here.

During this thirty-one year period the station has had three superintendents, Torger A. Hoverstad from 1896 to 1906, William Robertson from 1906 to 1910, and Conrad G. Selvig since 1910.

The work of each was adapted to the needs of the period when he was in charge. Mr. Hoverstad did extension work among the farmers, particularly in encouraging dairying. Mr. Robertson's time was occupied with similar work and with securing and constructing the drainage ditches needed here. Mr. Selvig's contribution was in setting up definite investigational projects, in building up the physical plant to its present state, in connecting the work of the school and station directly to this section of the state, and in organizing various Red River Valley associations that work with station corps. The chief one of these is the Red River Valley Winter Shows.

Station Service Grows

During the past year there was a noticeable increase in station correspondence. The number of extension appointments filled was 419. Special bulletins, press articles, and other means to disseminate the results of the station work were used.

Farm Clubs Visits

Farm club visitations occupied nearly every day during June and July when thirty-eight clubs spent a day each at the station. A special train brought visitors from Kittson County. Trips to the various fields, gardens, and orchards were made by members of each club, giving them a direct acquaintance with the projects and the results obtained to date. The estimate for the year is that there were more than four thousand visitors here in 1926.

Improvements

Th swine barn was added to and completely remodeled. The original horse barn now remains as the only

structure which is in need of extensive repairs and alterations.

Publications

The following publications were issued: Farmers' Week Program, 4000 edition; Annual report of Northwest Experiment Station for 1925, 2000 edition; Summary of Results for



HON. DUNCAN MARSHALL
of Toronto, who will give an address
at Crookston, Feb. 8

1925, 15,000 edition; Potato Culture, 1,000 edition; Trees and Shrubs, 1000 edition; Mahnomen and Gary Trials, 500 edition; Annual bulletin of Northwest School, 2500 edition.

Pure Seed Work

Pedigreed seed was furnished from the station farm directly to 178 co-operators located in every section of the state. Several hundred growers obtained assistance in locating pure seed from other sources thru the pure seed office of the station. Velvet, a smooth-awned variety first distributed this year, was furnished to 46 cooperators, who received maximum amounts of five bushels each.

(Continued on page 2)

FIRST TERM HONOR ROLL

The following students were placed on the honor roll for the first term for having done good work in their classes:

Freshmen

Evelyn Dain, Baudette.
Williamine Cenfield, Clinton.
Marian Dahlberg, Clearbrook.
Albert Davids, Bagley.
Earl Ellinger, Crookston.
Gordon Ellinger, Crookston.
Lawrence Elton, Hawley.
Estelle Filipi, Angus.
Mable Fletcher, Bagley.
Rudy Gordon, Badger.
Anna Hanson, Stephen.
Florence Hanson, Mentor.
Anna Heddan, Stephen.
Irma Hoppe, Crookston.
Harvey Johnson, Rollag.
Madeline Kopecky, Angus.
Emma Letness, Thief River Falls.
John Letness, Thief River Falls.
Lauritz Mikkelson, Hawley.
Lawrence Newhouse, Crookston.
Martin Odlund, Verndale.
Ruth Sintak, Angus.
Lloyd Weaver, Crookston.

Juniors

Lillian Bakken, Erskine.
George Berggren, Greenbush.
Laura Buck, Crookston.
Theodore Carlson, Hallock.
Isabelle Dobias, Angus.
Elida Erickson, Clearbrook.
Ethel Harris, Crookston.
Manley Larson, Twin Valley.
Maurice Lillo, Oklee.
Glenn Lindquist, Wylie.
Alta Morrill, Brown Valley.
Ernest Newhouse, Crookston.
Oral Oraas, Clarkfield.
George Roisum, Bagley.
Albert Sandal, Syre.
Arthur Sandal, Syre.
Chester Torgerson, Fergus Falls.
Esther Viker, Fertile.

Seniors

Adeline Bunes, Eldred.
Hannah Degerness, Gary.
Ralph Hamrick, Angus.
Ruby Hanson, Eldred.
Selmer Harstad, Fertile.
Elmer Hedstrand, East Grand Forks.
Randolph Ostlie, Montevideo.
Ishmael Rynning, Kennedy.
Glenn Smith, Bluffton.
Lawrence Spears, Shooks.
Carl Widseth, Gonvick.

Advanced

Elmer Anderson, Clearbrook.
Inger Lundin, Erskine.
Arthur Ramse, McIntosh.
Orlando Rudser, Leonard.
Phinney Stenborg, Clearbrook.

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.

DEAN COFFEY VISITS SCHOOL

Dean W. C. Coffey visited school December 21 and in addition to speaking at assembly was a guest at the get-together dinner in the evening.

In his assembly address Dean Coffey spoke on "What have you got to give." Applying this to student life Dean Coffey illustrated his address with his fund of information gathered from long service in school and community work.

A few of the outstanding statements made by him were "Offer the best you have and the other fellow will give the best he has", "The one who is not willing to give his best is in almost the same class as the one who does not want to give anything", "The best you have is the product of your head, heart and hands," and "The best you have is always made up of a part of your own self which continues to grow the more you give it away."

In conclusion Dean Coffey applied the story of the first Christmas to his theme in illustrating that service, ideals and inspirations are marked by the sacrifice of someone.

N. W. Station Report

(Continued from page 1)

The total amount distributed was 210 bushels. 1277 bushels of Gopher oats were furnished to 95 cooperators. Other varieties distributed included 112 bushels of Chippewa wilt-resistant flax, 293 bushels Mindum durum wheat, 237 bushels of Marquis wheat, 387 bushels of Minnesota No. 184 barley, and 81 bushels of Crookston strain Northwestern Dent corn were distributed.

Field inspections of 129 seed fields were made for 67 growers, located in 13 counties. Among these were 19 fields of Velvet, grown from seed obtained from the station this year, 17 fields of Chippewa bax, and 19 fields of Gopher oats.

Get Together Closes First Term

The annual get-together at the close of the first term was held December 21 in the dining hall. Christmas decorations were used together with the Christmas tree and Yule log.

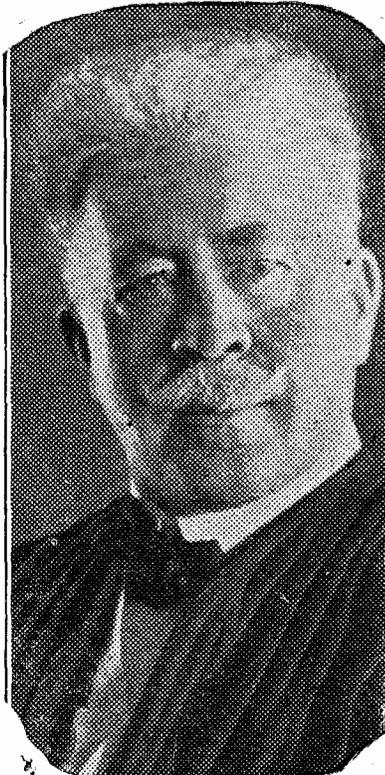
A five course dinner began the evening's program after which a number of toasts and music numbers were given.

Superintendent C. C. Selvig acted as toastmaster and called on members from each class. Harvey John-

son, Rollag, freshman spoke on "The Kindling", Alta Morrill, Brown Valley, junior, spoke on "The Kettle", Nellie Strickler, Euclid, senior had the topic "The Christmas Stocking" while Phinney Stenborg, Clearbrook, advanced, discussed "The Hearth Fire". The response for the faculty was by Miss Grace Warne who had "The Easy Chair" for her topic. The Christmas greetings from Crookston were given by John H. Hougen.

Special music for the occasion consisted of community singing directed by Miss Ruth Gurley, selections by the quartette, the faculty trio and a solo by Joe Skatvold.

The members of the double quartette are Edna Peterson, Grygla, Marian Hahlberg, Clearbrook, Victoria Lewis, Warroad, Doris Olson, Fertile, Joe Skatvold Twin Valley, Arnold Aakre, Thief River Falls, George Roisum, Bagley, and Elmer



JUDGE MARCUS A. KAVANAGH
Chicago, who comes to Crookston
for an address on Feb. 7

Anderson, Clearbrook. The faculty trio is made up of Miss Rose Polski, piano, Miss Grace Warne, violin and R. S. Dunham, saxophone.

Following the program football letters were given to the players by T. M. McCall and the home projects awards announced by E. R. Clark.

SENIORS WIN SONG CONTEST

The seniors won first, the freshmen second and the advanced class third in the ninth annual interclass song contest held December 20. This was perhaps one of the closest contests ever held as each of the three winning classes had only one point margin over the next winner.

The freshmen made an exceptionally good showing and should make a strong bid for the honors next year. Lowell Ryden, Hallock, directed the first year class.

The directors of the other classes were Wesley Shldrew, Grygla, advanced, Arnold Aakre, Thief River Falls for the seniors and Harold Norseth, Gully for the juniors.

The songs used this year were "How Firm a Foundation", a Portuguese hymn, "Anvil Chorus" from Il Trovatore, Verdi, and "Carry Me back to Old Virginny", Bland.

The judges were Mrs. J. L. Gavin, Mrs. R. E. Buckingham and O. W. Peterson of Crookston.

PROJECT CUPS AWARDED

The silver trophy, offered by the faculty for the best home project in agriculture completed during 1926 was won by Lawrence Letnes, '26, Thief River Falls. The cup now becomes Lawrence's permanent possession as he has won it three consecutive times. Carl Widseth, '27, Gonvick, stood second among the boys completing home projects this season.

Elida Erickson, '28, Clearbrook, won the silver trophy for best home economics project, and Vivian Olson, '27, Thief River Falls was second. The trophies were presented at the get-together dinner at the school dining hall December 21.

Ribbon awards were presented to the students making the best records in project work in each department, as follows: boys' farm crops, Teddy Carlson, Hallock; engineering, Harold Norseth, Gonvick; animal husbandry, Otto Saugen, Thief River Falls; girls' community service, Victoria Lewis, Warroad; sewing, Esther Viker, Fertile; cooking, Adeline Bunness, Eldred.

The Valley's Farm Week

The Red River Valley winter shows and the Northwest School farmers' and women's week has become a leading farm and community get-together event in northwestern Minnesota. Last year the attendance included over 12,000 admissions according to the records of the officials in charge. An even larger attendance is expected this year due to the increased interest that is being taken. The winter shows have exerted an influence in the agricultural development of the Red River Valley that cannot be measured in dollars and cents, according to those who have followed its growth and influence. The dates are February 7 to 11, 1927. The place is Crookston.

Important

This issue of the Northwest Monthly is sent to many new names in order to acquaint them with the Red River Valley's Big Week, Feb. 7-11, 1927.

Read it and plan to attend.

Program of Valley's Farm Week

Seventeenth Annual NORTHWEST SCHOOL FARMERS' WEEK AND WOMEN'S WEEK

INFORMATION

PLACE OF MEETING is the Crookston Armory for the farmers' meetings and the Presbyterian Church for the women's meetings.

REDUCED RAILROAD RATES have been granted. Fare and one-half open rate. No certificates are required. Tickets are on sale February 5 to 11 inclusive, with final return limit February 14.

SPECIAL TRAINS.—Noyes to Crookston and return on February 8 and 10. Warroad to Crookston and return on February 9. Detroit to Crookston and return on February 9 and 11. Single fare for round trip on these five trains only. Special train Crookston to Fargo Wednesday, February 9, 11:00 P. M.

ADMISSIONS.—\$.75 for Season Ticket which admits to SHOWS only for the entire week. \$.25 for single daily admission to the SHOWS only. \$.50 for single admission to the evening program. Out of town people may have seats for any evening held for them (until 6:00 p. m. of day designated) upon making written request for same. Tickets for the evening program will be sold on all special trains.

LODGING.—For lodging accommodations inquire at the Lodging Booth at Winter Shows office in Armory, first floor, at left of entrance.

LADIES REST ROOM. The committees representing five women's organizations of Crookston have secured the use of a commodious rest room for visiting ladies in the First National Bank Building.

REST ROOM AT ARMORY. The rooms at right side of hallway in Armory have been reserved for the use of the ladies.

THE WEEK'S PROGRAM

MONDAY—Judging livestock, farm crops exhibits and poultry. Livestock and farm crops judging contests. Address by Judge Marcus A. Kavanagh, Chicago, in the evening. Women's meeting in afternoon.

TUESDAY—Judging stock and poultry. Farm crops meetings in Armory. Address by Dean W. C. Coffey, St. Paul, and by Duncan Marshall, formerly Dominion Commissioner of Agriculture, Toronto, Canada, in the evening. Women's meeting in forenoon and afternoon.

WEDNESDAY—Livestock demonstration and addresses in livestock pavilion in forenoon. Poultry meeting in the Armory in the morning and livestock meeting in afternoon. Address by Arthur E. Nelson, St. Paul in the evening. Women's meeting in forenoon and afternoon.

THURSDAY—Livestock demonstration in pavilion in forenoon. Meetings dealing with farm topics in Armory forenoon and afternoon. Address by President Donald J. Cowling, Carleton College, Northfield, in the evening. Women's meeting in forenoon and afternoon.

FRIDAY—Meetings dealing with farm problems in Armory in forenoon and in the afternoon at 3:00 P. M., following the singers' rehearsal program which will begin at 1:00 P. M. Admission to rehearsal program twenty-five cents. Evening program by Northwestern Minnesota Singers' Association. Women's meeting in forenoon and afternoon.

ASSOCIATION MEETINGS

Members of the Livestock and Farm Crops Judging Contest teams and junior livestock exhibitors, annual dinner meeting. Crookston association, 5:30 p. m., Monday, February 7. Fifty cents a plate. H. A. Pflughoeft and E. R. Clark, in charge.

Red River Valley Crops and Soils association luncheon meeting at 12:00 at Zimmerman's Cafe, February 8.

Certified Potato Seed Growers will meet with A. G. Tolaas, Tuesday at 10:30 a. m., in Armory.

Crookston Association of Public Affairs Noonday Luncheon at Crookston Association rooms, 12:00, Wednesday, February 9. J. C. Kelly, in charge. Speakers will be Winter Shows visitors and Members of the Legislature.

Red River Valley Holstein Breeders Meeting, 4:00 p. m., in gymnasium room, down stairs, in Armory, Wednesday, February 9. Jos. Berg, President.

Red River Valley Guernsey Breeders association annual business meeting Wednesday, February 9, 4:00 p. m., in Room A. down stairs in Armory. L. Houske secretary.

Boys' and Girls' Club Conference. Leaders' conference at 11:00 a. m. Wednesday. A definite program of instruction in livestock and crops projects Wednesday to Friday. Recreation each day. H. A. Pflughoeft, in charge.

Red River Valley Livestock association business meeting, 11:45 a. m. Livestock Pavilion, Thursday, February 10. O. M. Kiser, secretary.

Minnesota Red River Valley Development association annual business meeting 4:00 p. m., Thursday, February 10, Crookston Association rooms. W. R. Low, secretary.

Northwest School of Agriculture Alumni association reunion and party, 8:00 o'clock, February 11 at Northwest School. Dr. Harry Hedin, in charge. Register at alumni booth in Crops Exhibit room.

EDUCATIONAL CONTESTS

Livestock Judging Contest for teams representing farm clubs, high schools, Northwest School interclass and teams representing the University of Minnesota, Northwest School, Crookston; West Central School, Morris; North Central, Grand Rapids, and Central, St. Paul; Manitoba Agricultural College (sub-collegiate class), Winnipeg; S. D. School of Agriculture, Brookings, and Walsh County School, Park River, N. D. T. M. McCall and D. H. LaVoi, in charge. 8:30 a. m., February 7.

Judges: sheep, W. A. Peters; beef cattle, A. A. Dowell; dairy cattle, E. F. Peterson; swine, W. E. Morris and horses, W. H. Peters

Farm Crops Judging Contest for teams from agricultural schools See list under livestock judging contest. 9:00 a. m., February 7.

Judges: A. C. Army and T. J. Harrison.

Red River Valley Rural School Spelling Contest will be held at 10:00 a. m., Friday, February 11 at the Central High School building. The winners from each of Becker, Clearwater, Kittson, Mahnomen, Marshall, Norman, Pennington, Polk, Red Lake, Roseau, Ottertail, Clay, and Wilkin counties compete in this event. Committee: E. K. Sampson, Ada; Erba Pouliot, Red Lake Falls and Ingeborg Espeseth, Crookston. Miss Anne Simley, in charge. The final spelling down will be held at 4:30 o'clock, at the High School Assembly room. Awards will be made at evening session in Armory.

SHOWS AND EXHIBITS

Red River Valley Livestock Association eleventh annual livestock show. This association owns the three buildings used for the Red River Valley Winter Shows. Judges: sheep, Dean W. C. Coffey, University Farm, St. Paul; dairy cattle, W. S. Moscrip, Lake Elmo; beef cattle, Honorable Duncan Marshall, formerly Dominion Commissioner of Agriculture, Toronto, Canada; horses, Prof. H. B. Sommerfeld, Manitoba Agricultural College, Winnipeg; swine, W. V. Gouseff, formerly of Northwest School of Agriculture—now assistant editor of The Swine World, Des Moines.

Minnesota Red River Valley Development Association seventeenth annual farm crops show. The first four shows were held at the Northwest School of Agriculture under the auspices of the institution.

In 1914 the Minnesota Red River Valley Development Association was organized and took over the farm crops show and since 1922 the Red River Valley Crops and Soils association has cooperated. Judges A. C. Army, St. Paul, and T. J. Harrison, Winnipeg.

Northern Minnesota Poultry Association nineteenth annual poultry show. The exhibit is held on the second floor of Annex B. Judge: Geo. W. Hackett, Minneapolis.

Ninth Northwestern Minnesota Industrial and Implement exhibit.

Northwest School Educational Exhibit.
Boys' and Girls' Club Exhibit.

SPECIAL MUSIC

Those who attend the Northwest School Week's meetings will enjoy the splendid music that will be given. The following groups are among those that will appear during the week: Minnesota Singers' association, 1:00 and 8:00 Friday, February 11. T. W. Thorson, Fertile, is leader of the nine chorus groups that make up the combined chorus.

The Warren Woman's Club chorus, ninth district contest winners, will sing one evening during the week.

The G. N. Quartette will come with the Twin Cities delegation on February 9.

Four different bands all directed by H. L. Smith of Crookston will play, including Crookston Juvenile, Municipal, Beltrami and Red Lake Falls bands.

Several quartets are promised. These will be included in the final program.

PROGRAM

MONDAY, FEBRUARY 7

- 8:30 Livestock judging contests—Livestock Pavilion Judging Arena.
- 9:00 Farm Crops judging contest—Crops Exhibit Room.
- 9:00 Judging grain, corn and potato exhibits—Livestock Pavilion, first floor.
- 9:00 Judging poultry exhibits—Annex B, second floor.

MONDAY AFTERNOON

- 1:30 Judging livestock exhibits—Livestock Pavilion Judging Arena.
- 1:30 Women's meeting. See program on page 15.
- 5:30 Dinner meeting of members of judging teams, junior exhibitors and judges. Winners in the contests will be announced.—Crookston Association.

MONDAY EVENING

- Judge Andrew Grindeland, Warren, Presiding.
 - 7:30 Music—Crookston Juvenile Band, H. L. Smith, Director.
 - 8:00 General Singing, Led by A. H. Larson, Northwest School.
 - 8:10 Greeting—C. G. Selvig, President, Red River Valley Winter Shows.
 - 8:20 Music by local quartets.
 - 8:20 Address—"Crime and Our Law Enforcement Problems"—Judge Marcus A. Kavanagh, Chicago.
- Note: See the Livestock, Poultry, Farm Crops, and Pure Seed Shows, the Industrial Exhibit and the different educational displays. They are worthy of your interest.

TUESDAY, FEBRUARY 8

- 9:00 Judging livestock exhibits—Livestock Pavilion.
- 9:00 Judging poultry show—Second Floor, Annex B.
- 11:45 Horse Hitch Demonstration—Livestock Pavilion.

MEETINGS

- 10:30 Farm Crops Meeting—Main Hall, Armory. T. M. McCall, Presiding. Seed Potato Demonstration—A. G. Tolaas. Pure Seed Available in 1927—E. R. Clark.

- 12:00 Luncheon Meeting of Red River Valley Crops and Soils Association at Zimmerman's Cafe.
- 10:30 Women's Meeting—See program on page 15.
- 11:00 Farm Mechanics Group—Room B, Armory. A. M. Foker, Presiding.

TUESDAY AFTERNOON

- 1:30 General Meeting—Main Hall, Armory. E. R. Clark, Presiding. Canadian Varieties for Red River Valley Farmers—T. J. Harrison. North Dakota Varieties for Red River Valley Farmers—T. E. Stoa. Minnesota Varieties for Red River Valley Farmers—A. C. Army. Growing Certified Seed Potatoes—A. G. Tolaas. Corn Varieties for Red River Valley Farmers—R. S. Dunham.
- 1:30 Women's Meeting—See program on page 15.

TUESDAY EVENING

- Dr. N. M. Watson, Red Lake Falls, Presiding.
 - 7:30 Music—Red Lake Falls Band—H. L. Smith, Director.
 - 8:00 General Singing Led by A. H. Larson, Northwest School.
 - 8:15 Music—By local quartets.
 - 8:30 Greeting—Dean W. C. Coffey, University Farm, St. Paul.
 - 8:45 Address—Honorable Duncan Marshall, Toronto, Canada.
- Note: See the Livestock, Poultry, Farm Crops, and Pure Seed Shows, the Industrial Exhibit and the different educational displays. They are worthy of your interest.

WEDNESDAY, FEBRUARY 9

- 9:00 Awarding Championships—Livestock Pavilion. Presenting Silver Trophies to Winners Horse Hitch Demonstration.
- 9:45 Potato Disease Identification and Control Demonstration—Farm Crops Exhibit Room.
- 10:30 Poultry Meeting—Main Hall, Armory. A. M. Pilkey, Presiding. Poultry Disease Problems—Dr. W. A. Billings.
- 11:00 Farm Machinery Group—Room B, Armory. A. M. Foker, Presiding.
- 10:30 Women's Meeting—See program on page 15.

WEDNESDAY AFTERNOON

- 1:30 Livestock Meeting—Main Hall, Armory. O. M. Kiser, Presiding. Music—Great Northern Quartet. Common Poultry Diseases—Dr. W. A. Billings. The Outlook for the Swine Industry—W. V. Gousseff. Sheep for the Red River Valley—J. W. Haw. Address—Hon. Duncan Marshall.
- 1:30 Women's Meeting—See program on page 15.

WEDNESDAY EVENING

- J. E. Sundberg, Kennedy, Member University of Minnesota Board of Regents, Presiding.
- 7:30 Music—Crookston Municipal Band, H. L. Smith, Director.
- 8:00 General Singing, Led by A. H. Larson, Northwest School.
- 8:15 Music—Great Northern Quartet.
- 8:30 Introduction of Mr. Peter Lindahl, Hallock, representing the Master Farmer group.
- 8:40 Address—Honorable Arthur E. Nelson, St. Paul. Note: See the Livestock, Poultry, Farm Crops, and Pure Seed Shows, the Industrial Exhibit and the different educational displays. They are worthy of your interest.

THURSDAY, FEBRUARY 10

- 9:00 Livestock Judging Demonstrations—Livestock Pavilion. Junior Beef Judging Team, Harry Confer and

- Ernest Palmer, Angus.
Horse Judging Demonstration.
- 11:00 Annual Business Meeting of the Red River Valley Livestock Association. Stockholders' meeting to be followed by directors' meeting. Place—Livestock Pavilion.
- 9:45 Potato Disease Identification and Control Demonstration—Farm Crops Exhibit Room.
- 10:00 Bee Keeping—Main Hall, Armory.
T. M. McCall, Presiding.
Farmstead Beautification—T. M. McCall.
New and Desirable Varieties of Fruits and Flowers—E. W. Schuster.
Bees and Bee Keeping—Prof. Fr. Jaeger.
- 11:00 Farm Motors—Room B, Armory.
A. M. Foker, Presiding.
- 1:30 Women's Meeting—See program on page 16.

THURSDAY AFTERNOON

John Perry, Presiding

- 1:30 Farm Business Meeting—Main Hall, Armory.
The Sugar Beet Industry in the Red River Valley—J. B. Bingham.
The Poultry and Egg Cooperative—B. O. Norby.
The Canadian Wheat Pool—Speaker to be secured.
- 1:30 Beekeepers' Meeting, Gymnasium, Armory.
Re-queening—M. A. Thorfinnson.
Building up the Apiary for Heavy Production—P. N. Tri.
Marketing the Honey Crop—Prof. Francis Jaeger.
Wintering Bees—L. Johansson and Daniel Sanders.
Business Session of Red River Valley Beekeepers' Association.
- 1:30 Women's Meeting—See program on page 16.
- 4:00 Business meeting of Minnesota Red River Valley Development Association at Crookston Association rooms.

THURSDAY EVENING

- C. G. Selvig, Superintendent, Northwest School of Agriculture, Presiding.
- 7:30 Music—Beltrami Band, H. L. Smith, Director.
- 8:00 General Singing, Led by A. H. Larson, Northwest School.
- 8:15 Music—By Warren Women's Club chorus.
- 8:30 Address—"Living Together"—President Donald J. Cowling, Northfield.
Note: See the Livestock, Poultry, Farm Crops, and Pure Seed Shows, the Industrial Exhibit and the different educational displays. They are worthy of your interest.

FRIDAY, FEBRUARY 11

- 9:00 Livestock Judging Demonstration—Livestock Pavilion.
Swine Judging Demonstration.
- 9:45 Potato Disease Identification and Control Demonstration—Farm Crops Exhibit Room.
- 10:00 Red River Valley Rural School Spelling Contest—Miss Anne Simley, in charge—High School.
- 10:30 Women's Meeting—See program on page 16.
- 11:00 Farm Machinery Group—Room B, Armory.
A. M. Foker, Presiding.

FRIDAY AFTERNOON

- 1:00 Rehearsal Program by the Northwestern Minnesota Singers' Association. Admission 25c at Armory.
- 1:30 Women's Meeting—See program on page 16.
- 3:00 Farm Organization Meeting, Armory.
G. U. Kappel, Presiding.
Farm Bureau Program—H. F. Skyberg.
Boys' and Girls' Club Work.
- 4:30 Twelfth Annual Red River Valley Rural School Spelling Contest. Final Spell Down at Crookston High School Assembly Room.

FRIDAY EVENING

SONG FESTIVAL

- A. E. Morck, President of Northwestern Minnesota Singers' Association, Presiding.
- 8:00 Tenth Semi-Annual Program of the Northwestern Minnesota Singers' Association.
Member Choruses are Fisher-Bygland, Crookston, Erskine, Fertile, Fosston, Mentor, McIntosh, Winger and Northwest School.
Different nationality numbers will be given in addition to Grand Chorus numbers.

WOMEN'S MEETINGS

All the women's meetings will be held at the Presbyterian church. There will be no meetings held on Monday forenoon. At 1 p. m. Friday at the Armory, the Northwestern Minnesota Singers will give a rehearsal program. Admission twenty-five cents. Those who cannot remain for the evening program should avail themselves of this opportunity to hear them.

Speakers include Miss Georgina Lommen, Moorhead; Miss Louise Landis, St. Paul; Miss Elsie Stark, Chicago; Dean W. C. Coffey; Miss Carlotta Brown, St. Paul; President J. N. Brown, Concordia College, Moorhead; Miss Julia Newton, St. Paul and others.

Ladies Rest Room. The committees representing five women's organizations of Crookston have secured the use of a commodious rest room for visiting ladies in the First National Bank building. All are invited to use these rooms.

Rest Room at Armory. The rooms at right side of hallway in Armory have been reserved for the use of the ladies during the week.

PROGRAM

MONDAY AFTERNOON

Mrs. E. E. Green, Presiding.

- 1:45 Singing, Led by Miss Gurley.
- 2:00 Address—"The Newer Children's Books"—Miss Georgina Lommen, Moorhead.
- 2:45 Music—Pipe Organ Selections.
- 3:00 Demonstration—Clothing Topic—Miss Louise Landis, St. Paul.
A Reception Committee from the Current Events Club, of Crookston, will be in charge on Monday.

TUESDAY FORENOON

Miss Laura Gerber in charge.

- 10:30 Demonstration by Miss Louise Landis.

TUESDAY AFTERNOON

- Mrs. G. E. Davis, Warren, President, Ninth District Women's Clubs, Presiding.
- 1:45 Singing, Led by Miss Ruth Gurley.
Pipe Organ Selections—Mrs. W. A. Nebelung.
- 2:00 Interior Decorating—Miss Elsie Stark, Chicago.
- 2:30 Address—Dean W. C. Coffey.
- 3:10 Duets—
- 3:20 Demonstration by Miss Louise Landis.
A Reception Committee from the Matrons Club, of Crookston, will be in charge on Tuesday.

WEDNESDAY FORENOON

Miss Retta Bede in charge

- 10:30 Demonstration by Miss Elsie Stark.

WEDNESDAY AFTERNOON

Mrs. E. H. Harding, Presiding.

- 1:45 Singing, Led by Mrs. C. Merriam Stephens.
Pipe Organ Selections—Mrs. W. A. Nebelung.
- 2:00 Milk Demonstration.
Punch as a Cook—Miss Elsie Stark.
- 2:50 Address—President J. N. Brown, Moorhead.
- 3:20 Music—
- 3:30 Demonstration—Miss Carlotta Brown, St. Paul.
A Reception Committee from the Legion Auxiliary, of Crookston, will be in charge on Wednesday.

THURSDAY FORENOON

Miss Fanny B. Lippitt, in charge

10:30 Demonstration by Miss Carlotta Brown.

THURSDAY AFTERNOON

Mrs. C. G. Selvig, vice-president, Minnesota Federation Women's Clubs, Presiding.

1:45 Singing, Led by Mrs. C. Merriam Stephens.

Pipe Organ Selections—

2:00 Habit Score Card

Jewell Case—Miss Elsie Stark.

2:50 Address—

3:20 Music

3:30 Demonstration—Miss Carlotta Brown.

A Reception Committee from the the Woman's

Club, of Crookston, will be in charge on Thursday.

FRIDAY FORENOON

Program to be announced later.

FRIDAY AFTERNOON

Mrs. O. M. Kasberg, Eldred, Presiding.

Program by Polk County Home Demonstration Groups. To be announced later.

Miss Julia O. Newton, St. Paul, and Mr. Carl G. O. Hansen, Minneapolis, will be two of the speakers.

A Reception Committee from the Business and Professional Women's Club, of Crookston, will be in charge on Friday.

PURE SEED AVAILABLE

A new selection of Mindum durum wheat, the smooth-awned Velvet barley, Gopher oats, and a pure strain of Marquis will be offered to the farmers of Northwestern Minnesota by the Northwest Experiment Station for 1927. The annual pure seed distribution announcement, listing 3300 bushels of seed grain and corn grown on the Station farm will be issued January 20.

Mindum, an amber durum variety, has outyielded all other varieties tested at the Northwest station during a 15 years period. It was re-selected in 1924 to obtain a strain free from barley and spring wheat admixtures. Three hundred bushels from this new selection will be distributed this year. One hundred bushels of Marquis, from a pedigreed strain free from bearded spring wheat, will be distributed in small lots.

Velvet barley, the smooth-awned variety, first distributed in 1925, will be available in considerable quantities this year. Trebi and Minnesota No. 184 barley also will be distributed. Gopher oats, a very early variety which has given excellent results on Red River Valley farms the past two seasons will be quite plentiful this year. Chippewa wilt-resistant flax and Golden Vine field peas also are available. Crookston strain Northwestern Dent corn, grown at the station since 1918, and in Polk County for many years before that date, can be furnished to a few growers in each county.

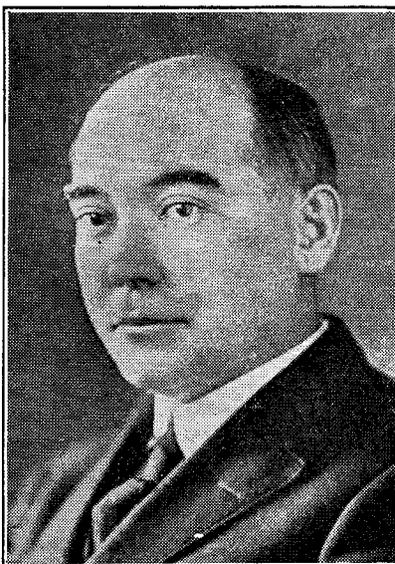
OLE FLAAT SCORES ON WHEAT

A carload of Mindum durum wheat, grown by Ole A. Flaata, Fisher, was sold December 27, at Grand Forks for \$1.85½ a bushel, or approximately 57½ cents over the Duluth May option price. This wheat was first grown from seed obtained last spring from M. L. Enright, East Grand Forks, who purchased the original seed two years ago from the Northwest Experiment Station thru the Farmers' Cooperative Marketing Association, East Grand Forks.

The carload was part of the crop from a field of 95 acres of Mindum grown on the Flaata farm the past season. The high premium paid was due to the excellent texture of the wheat and its freedom from foreign material. The carload graded No.

1 Amber Durum, weighed 63 pounds to a bushel and contained only one percent dockage.

Lars Hylden, manager of the Farmers' Cooperative Marketing Association, East Grand Forks, has obtained quantities of pure seed from the



PRESIDENT DONALD J. COWLING of Carleton College, Northfield, who will be a Winter Shows Speaker at Crookston, Feb. 10.

Crookston Station each year, for distribution among farmers in his community. "We have found that pure bred seed is just as important as pure bred sires," states Mr. Hylden, "and the big premium commanded by this car of wheat is only another demonstration of this fact."

PERSONALS

Marie Emanuelson, a former student took the Oriental Limited from Grand Forks to Everett, Washington, where she will spend the winter months.

Kenneth Monson, '21 writes from Deerfield, Illinois that he has broken five state records with Holsteins the past year. Kenneth is a herdsman on the Elmwood Farm which specializes in pure bred Holstein-Friesian cattle.

Herman Skyberg, '16, Fisher visited school December 11 in connection with Farm Bureau matters. Herman is president of the Polk County Farm Bureau.

Lawrence Letnes, '26, Thief River Falls secures permanent possession of the Home Projects silver trophy for having won the trophy three successive years.

Iver Johnson, '23, is now part time instructor at the Central School of Agriculture. Iver is a junior in the college.

Mr. and Mrs. Lloyd Ness, '22, Ada spent part of the Christmas season with Neva's parents who live near Crookston.

Helen Gibbons, '24 visited school a few days at the close of the first term and gave several readings before the English classes. Helen is a sophomore at Carleton College.

Richard Aakre, '21 will attend the College of Agriculture, St. Paul, for the second quarter.

Walter Anderson, '21, Clearbrook, is attending the Bemidji State Teachers college at Bemidji.

UTILITY SEED CLASS

Another feature of the Farm Crops Show will be the utility seed class. Bushel samples of wheat, oats, rye, flax, corn, and soy beans and peck samples of alfalfa, sweet clover, and red clover are required for entry. These samples truly represent bulk lots of seed for sale. After judging, advertising literature will be displayed on each sample. This class affords a splendid opportunity for the pure seed cooperator with the Northwest station to display his seed and likewise for the buyer to see samples of seed available.

Undoubtedly samples of Velvet barley, Ceres wheat, Chippewa flax, Grimm alfalfa, Gopher oats, Trebi or Canadian barley, and Mindum wheat will be exhibited. A new method of display for this class will make it considerably more interesting and more prominent than it has been.

WINTER SHOWS PLANS

PRIZE SAMPLES TO BE SHOWN

One feature of the 1927 Farm Crops Show will be the display of samples winning at this year's International Hay and Grain Show held in Chicago. As judge of small grains at this show, R. S. Dunham was able to secure samples from the winning exhibits, among which is a sample of Marquis wheat exhibited by Herman Trelle of Alberta, Canada, which won the sweepstakes award. Likewise, a sample of Victory oats which won sweepstakes will be shown and the first prize samples of red clover, sweet clover, and alfalfa.

It is a rare opportunity to view these samples since they represent the best in the biggest crops show on this continent. Nearly 4000 samples were entered from almost every state in the United States and province of Canada.

RUST CONTROL EXHIBIT

Another feature of the Farm Crops Show will be the exhibit of sheaves and threshed grain from plots grown at the Northwest Station last summer on which sulphur dust was applied to control the black stem rust of wheat.

Somewhat accidentally it was discovered that flowers of sulphur applied to wheat controlled rust. Plots were laid out last summer at the Northwest Station to determine the effect of this treatment, the time to apply for best results, and the number of dustings necessary for practical control. Results of this experiment will be on view.

With airplanes now in use for spraying melon fields in the west and the cotton-boll weevil in the south, sulphur dust application to wheat is of practical interest.

Special Trains to Crookston

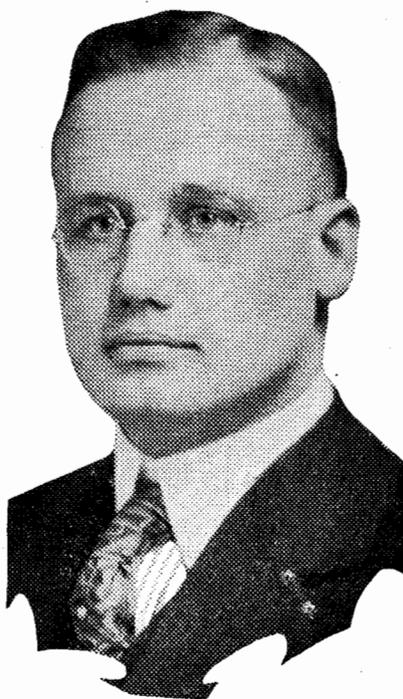
Special train service for the Northwest School's Winter Week has been secured. On Wednesday and Friday, February 9 and 11, special train service will run on the Northern Pacific from Detroit to Crookston, and return. On Tuesday and Thursday, February 8 and 10, similar round-trip service will be run on the St. Vincent line from Noyes and on Wednesday, February 9, on the Warroad line, both on the Great Northern. On February 9 a special train will run at 11:00 p. m. from Crookston to Fargo. A single fare for the round trip is authorized, good on the special trains only. Reduced rates of fare and one-half on other trains from February 4 to 11, return limit February 14.

FARM CLUB EXHIBITS

Room will be made available this year to display farm club exhibits in booths. Names of the clubs will

be prominently displayed above the exhibit. The entries will be scored and prizes awarded as follows: a cup to be retained one year and \$15.00 for first; \$10.00 for second; \$7.50 for third; \$5.00 for fourth, and \$2.50 for fifth.

Collections for entry must consist of (1) one variety of bread spring wheat, (2) one variety of durum, (3) one variety of early oats and one variety of mid-season oats; (4) one variety of barley, (5) one variety of flax, (6) one variety of rye, (7) one variety of alfalfa, (8) one variety of sweet clover, (9) two varieties of dent corn, (10) two varieties of



HON. ARTHUR E. NELSON
St. Paul, who will speak at
Crookston, Feb. 9.

flint corn, (11) two varieties of potatoes.

Corn and potato exhibits may be entered also in the open class but there must be duplicate samples of small grains and legume seeds, if entered in the open class. Four-quart samples of grains and legumes seeds, ten ears of corn and thirty potatoes are required for club entries. In the open class, peck samples of grain, four-quart samples of legumes, ten ears of corn and thirty potatoes are required.

Livestock Banquet

On Wednesday, February 9, the annual banquet of the Red River Valley Livestock association will be held. This event attracts annually from three to five hundred persons, including delegations from both Houses of the Legislature and agricultural and civic groups not only from the Red River Valley but from the entire state. A program committee is at work to make this an outstanding event. It will be held in the Eagles' Hall, 6:00 p. m., February 9, and reservation must be made in advance.

No Calendar for 1927

There will be no Northwest School calendar for 1927, according to authorities at the school. The Crookston Association pledged funds for calendars for a period of three years which pledge has now been fulfilled. The institution is grateful to the Crookston Association for this evidence of interest and cooperation.

Eastern Ottertail County

Farm Bureau Work

R. C. Shaw

The eastern Ottertail County farm bureau accomplished a great deal of work during 1926. Three hundred fifty members are enrolled in this organization. Eight thousand pounds Canadian Grimm alfalfa seed were distributed to all parts of Ottertail county. A large amount of wool was sold through the Verndale wool pool with the result that farmers received 5c to 8c above the local markets. One hundred eighty two pure bred sires were sold as a result of the pure bred sire campaign in Ottertail county. Three cars of Pyrotol were distributed in five counties and land clearing demonstrations were held.

Two hundred fifty were enrolled in junior club work. Fourteen won free state fair trips and twelve won trips to the junior livestock show. The farm bureau had an exhibit at the county fair.

They organized the county area tuberculosis test campaign. Considerable work was done in testing poultry flocks for avian tuberculosis and for bacillary white diarrhoea.

Many cooperators were secured for the new and improved varieties of grains and standardized varieties of potatoes.

Home management groups, enrolling 175, carried on systematic work in the eastern part of the county.

Kittson Co. Farm Bureau**M. A. Thorfinnson**

The Kittson county farm bureau has put across the past year an extension program of much value to the farmers of that county. In all 240 meetings were held attended by 14,000 people. Four tours were held in which 245 farmers took part, including two weed tours, a 4 H club tour, and an alfalfa tour.

Among the accomplishments are: the seeding of 2000 new acres of alfalfa, a 25 per cent increase in the sweet clover acreage, fourteen successful alfalfa demonstrations on sandy soil, and an alfalfa tour made by 75 farmers to eight of these plots and to Pennington county alfalfa farms; forty-three grain demonstration plots resulting in over seven thousand bushels of pure seed of new improved varieties saved, such as Gopher oats, Velvet barley, Chipewa flax and Marquis and Mindum wheats; the potato certification work resulting in about sixty carloads of certified seed; the ten fertilizer trials on potatoes which showed increased yields of ten to twenty-five bushels per acre with 3-8-5 fertilizer; and five weed control meetings and follow-up work which resulted in publicity for the best methods of control used by the best farmers.

Seventy-seven were enrolled in livestock judging and sixteen teams were trained at 36 judging demonstrations. These teams besides competing at the Hallock Fair won the first five places at the Red River Valley Show in the farmers' club contest and fourth at the State Fair in the dairy judging contest. Six hundred and fifty herds including 9,222 head of cattle were tested for tuberculosis, bring the total up to two-thirds of the cattle population of the county with less than one per cent reactors up to date. Farmers were assisted in buying thirty-six sires and forty-five pure bred and high grade females, and twenty-eight farmers were helped in securing 1,150 yearling western ewes through the Agricultural Credit Corporation loans.

Seventeen windbreak demonstrations are under way and two new ones applied for, six farm forestry meetings were held and eight fence post creosoting demonstrations given; ten tree fruit demonstrations are being conducted with early strains of plums and apples. One beekeeping demonstration was given.

A clothing project was conducted with the help of the University Farm specialist with 187 women enrolled in 15 groups and 175 finishing the course. These reported over 4000 instances where they made use of what they learned from the specialist.

In the boys and girls club work 322 were enrolled in the various projects and 290 completed in fourteen organized clubs. Fifty district, state, and national trips were won, three district and three state championships on demonstration teams, pigs and sheep and one International Livestock Show Championship on bread demonstration.



PRESIDENT J. N. BROWN
Concordia College, Moorhead, who will speak on Wednesday afternoon, February 9, at the Women's Meeting

NORTHWEST SCHOOL'S FARM WEEK

This issue which will be received by many new readers presents the 17th annual N. W. Minnesota Farmers' Week and Women's Meetings program.

The Red River Valley Winter Shows are held during the same week, Feb. 7-11. Plan to attend.



W. V. GOUSSEFF
Editor The Swine World, Des Moines, will judge the Swine Exhibit.

Pennington County Farm Bureau**J. J. McCann**

The major projects of the Pennington County Farm Bureau for the year of 1926 were: upbuilding of the soil, planting of more alfalfa and sweet clover, increasing yields thru seed selection, promotion of better live stock, co-operative marketing home projects, farm management recording and Boys' and Girls' Club work.

Through the use of phosphate yields have been trebled over that of check plots on the same farm. The planting of alfalfa and sweet clover as soil builders showed that following these two crops yields of 25 bushels of flax to the acre were secured on two Pennington County farms. A survey by the farm bureau now shows that the alfalfa acreage has reached the 10,000 figure and that 60 car loads of sweet clover seed have been shipped from the county.

A cow testing association organized by the county agent in 1925 and completing a year's work in April, 1926, was instrumental in weeding out 27 poor producers from the herds under test.

Pure seed secured from the Northwest Station through the farm bureau has raised the average yields all the way from 4 bushels of flax to the acre to an increase of 40 bushels of oats to the acre. This seed is now supplying other growers with high yielding pure varieties to sow on their farms in 1927. Along this same line farm accounts have been kept by 5 farmers in co-operation with the Department of the University. These people have discovered methods whereby they can eliminate much of the waste in their former farming activities.

Marketing through the co-operative poultry association has been assisted by the county agent, and has resulted in the shipping of 400 carloads of alfalfa and other hay as well as three hundred thousand dollars worth of poultry products.

In 1926 the first home project was promoted co-operating with the department at the University. Through this work 822 homes were reached and assisted by local leaders in establishing short cuts and improved methods in sewing.

The Junior 4H club activities in 1926 were the most successful of any previous attempts in the county. Five clubs enrolling approximately 175 members completed their projects, eleven receiving free trips to the state fair, four to the junior live stock show in St. Paul and one to the national at Detroit. Business men awarded \$300 in premium money in addition to that of other organizations.

For Sale: Holstein Bulls; Barred Rock and White Leghorn Cockerels. N. W. Station, Crookston.