

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. XII.

CROOKSTON, MINNESOTA, JUNE, 1928.

NO. 7.

Third Annual Women's Camp Northwest School of Agriculture Crookston, Minnesota June 18-21, 1928

PROGRAM

MONDAY, JUNE 18

Afternoon

- 4:00 Registration.
6:00 First get-together in the dining hall.
8:00 Reunion of Campers of '26 and '27. Election of officers and reception.

TUESDAY, JUNE 19

Forenoon

- No Alarm Clocks.
7:20 Breakfast is ready, Mother.
8:20 There's music in the air.
The "Thought for the Day"—Mrs. E. E. Green.
8:45- 9:30 "Highways and Happiness"—Miss Fanny Lippitt, or "Summer Care of the Growing Pullet"—A. M. Pilkey.
9:45-10:30 "Aids to Marmalade"—Miss May McDonald.
10:45-11:15 Play Period—Pastimes for Play Times—A. H. Larson.
11:30-12:00 "Everyone Look Pleasant"—John Benson.

Afternoon

- 12:20 Dinner and we'll wash the dishes.
1:00- 1:45 Rest Hour.
1:45- 2:30 "Jellies that Quiver and Shiver"—Miss May McDonald.
2:45- 3:30 "Reading in the Home"—Miss Clara Baldwin.
3:30 Coffee and a "tete-a-tete."
4:00- 6:00 "At Ease"
6:00 Come to Supper.
8:00 Movie—"The Crowd."

WEDNESDAY, JUNE 20

Forenoon

- Take that extra nap or visit with the birds and flowers.
7:20 We eat again.
8:20 Bird Rivalry.
The "Thought for the Day"—Mrs. E. A. Brown.

- 8:45- 9:30 "Outdoor and Indoor Flowering Plants"—T. M. McCall.
9:45-10:30 "Children's Reading"—Miss Clara Baldwin.
10:45-11:15 Play Period—A Shindig—A. H. Larson.
11:30-12:00 A Pleasant Surprise.

Afternoon

- 12:20 The Tables Await You.
1:00- 1:45 Relax.
1:45- 2:30 "Cheese Salads"—Miss Marye Dahnke.
2:45- 3:30 "The Malnutrition Problem"—Miss Mary Hiltz.
3:30 A Round Table "Coffee Session."
4:00 Winter Feeding the Pullets for Production—A. M. Pilkey; or rest period.
6:00 Outdoor Picnic—"Wieners a la stick".
8:00 "Stunt Nite" (Program opened by the Camp Harmonica Band)

THURSDAY, JUNE 21

Forenoon

- Victrola Whispers.
7:10 Reducing Exercises.
7:20 We Meet Again.
8:20 Warbling Together.
The "Thought for the Day"—Mrs. I. W. Kinder.
8:45- 9:30 "Have You Had Your Minerals Today"—Miss Mary Hiltz.
9:45-10:30 "Books for the Town and Country"—Miss Clara Baldwin.
10:45-11:15 Play Period—Wrinkle Erasers—A. H. Larson.
11:30-12:00 Another Pleasant Surprise.

Afternoon

- 12:20 How's Your Appetite?
1:00- 1:45 Rest.
1:45- 2:30 "Unusual Uses for Cheese"—Miss Marye Dahnke.
2:45- 3:30 "Helps for the Home"—Miss Retta Bede.
3:30 The Cup that Cheers.
4:00 Au Revoir and We'll Meet Again.

Open to All Women of Northwestern Minnesota



Issued Monthly by
THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE
A. A. DOWELL, Superintendent

OFFICE
Northwest Experiment Station,
Crookston, Minnesota.

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

WOMEN'S CAMP ANNOUNCEMENTS

The Third Annual Women's Camp for Northwestern Minnesota will be held at the Northwest School of Agriculture, Crookston, June 18-21. Those who come should arrive some time Monday afternoon or evening, so as to be settled in time for the opening session at 8:00 p. m. The closing session will be at 3:30 p. m., Thursday, June 21. The aim of the week is to furnish a well balanced program combining rest, recreation, and instruction. The camp idea will be featured throughout the week.

Open to All Women

While the Federated Women's Clubs of the Ninth district have cooperated with the Northwest School in making arrangements, the camp is open to all women of Northwestern Minnesota. The lectures and demonstrations will be of practical value to all women interested in rendering greater service in the individual homes and local communities. One hundred twenty-nine women attended the camp last year.

What to Bring

Each one should bring bedding, including blankets, sheets and pillow. Also bring pencil and note book. Last year the women found that umbrellas were useful.

Harmonica Band Will Meet

So many mothers used to play the harmonica and other musical instruments that it is suggested each should bring any instrument that may contribute to the fun of the camp. Those who bring harmonicas should have them in the key of C.

Stunt Nite Wednesday.

The annual camp stunt nite is scheduled for Wednesday evening and it is hoped that all will have as much enjoyment from this session as was the case last year. Those who have individual stunts that can be presented will be given a place on the program, or the women coming from the same community or county may arrange a stunt together.

What to Wear

As the sessions will be conducted in camp fashion, there will be no occasion to be "dressed up." Everything will be as informal as possible; consequently, those who wear house dresses or knickers and comfortable shoes will find that such clothing will be "the style."

Reserve Room Early

Those who are planning to come should reserve rooms early so that proper arrangements can be made for the comfort and convenience of all who attend. State whether room is preferred in the "quiet" or in the "noisy" dormitory.

Reasonable Expense

The cost of the entire camp, including board, room, and entertainment, is \$3.75.

Demonstrations Optional

The camp will be devoted to rest, recreation and instruction. Each member may feel free to omit any part of the program. Last year a number were interested in additional instruction in poultry. Those who wish to have work in poultry this year will meet together and arrange for as much work in this subject as they may wish.

Camp Instructors

The instructors for the camp will include members of the Staff of the Northwest School, lecturers and demonstrators from other institutions, and officers and members of Federated Clubs.

Those from the Northwest School who will assist during the week are: Miss Fanny Lippitt, matron and head of the home economics department; Miss Retta Bede, instructor in foods and cookery; A. M. Pilkey, poultryman; A. H. Larson, registrar, and T. M. McCall, horticulturist. Other noted lecturers and demonstrators engaged: Miss Marye Dahnke, director of the home economics department of the Kraft-Phenix Cheese company, Chicago. Miss Dahnke is a graduate of Columbia University, has taught at Columbia and at the University of Tennessee. Miss May McDonald is director of the home economics service of the Certo Corporation, Rochester, New York. She was formerly connected with the home economics department of the University of Minnesota, and later an extension worker in western states. Miss Mary Hiltz is head of the nutrition section of the home economics department of the Manitoba Agricultural College, Winnipeg. She is well known to radio audiences of Northwestern Minnesota.

The inspirational part of the camp will be given by Miss Clara Baldwin, director of libraries of the Minnesota state department of education. Miss Baldwin is a graduate of the University of Minnesota and has been connected with library and literary work since graduation.

Among the members of the Federated Women's clubs who will attend the sessions are Mrs. E. A. Brown, Fergus Falls, president of the Ninth District Federated Clubs; Mrs. E. E. Green, Crookston, chairman of community service for the Ninth district; and Mrs. I. W. Kinder, Crookston, president of the Polk County Federated Clubs.

Many Cooperating Organizations

The Northwest School has valued the cooperation and assistance given the camp movement by the Federated

Clubs, their members and officers. The committee of members from the 1927 camp has also done some effective work in making suggestions for the program and in meeting with their county groups. The committee will further assist in informing the women of their county regarding the 1928 camp. The members of this committee are Mrs. E. E. Green, Crookston, Chairman; Mrs. M. A. Brattland, Ada, Norman county; Mrs. M. L. Warner, Warren, Marshall county; Mrs. Jack Anderson, Clearbrook, Clearwater county; Mrs. Albert Lindstrom, Waubun, Mahnomen county; Mrs. J. W. Campion, Angus, Polk county; Mrs. Mrs. V. C. Noper, Thief River Falls, Pennington county; Mrs. Joe Dunn, Northcote, Kittson county, and Mrs. William Sprung, Moorhead, Clay county.

The Federated Clubs of Crookston will again assist as hostesses and do all they can to make the week at the Northwest School a real success. They will attend the outdoor picnic and assist with the stunts later in the evening.

Further information regarding the camp on June 18-21 may be secured by writing the various committee members or the Northwest School, Crookston.

ATHLETES SPONSOR

ALUMNI REUNION

The athletic association of the Northwest School is cooperating with the alumni and former students to make the annual reunion on June 29 one of the best ever held. Committees have been appointed, an attractive program arranged, and Mr. Dunham has again checked over our weather records and states positively that there will be no rain. The program will begin during the forenoon with reunions and sports. Following the picnic dinner there will be a short speaking program and business session in the auditorium, at which time it is hoped that Congressman C. G. Selvig may be present. The rest of the afternoon will be devoted to ball games and other sports. One of the features of the sports program will be the ball game between the alumni and the undergraduates with the class of 1928 playing with the latter students. A ball game for girls will also be scheduled. Two orchestras have been engaged for the big festival dance in the evening, with Mr. and Mrs. Louis Torgerson and son, Orrin, of Foston, furnishing some old time music.

The refreshment committee suggests that all should bring their picnic dinners and suppers, though light lunches may be secured at the stands. The following committees are in charge of the day's activities:

General Arrangements: Harry Hedlin, '11, East Grand Forks; Robert Davids, '24, Bagley; Einar Loven, '25, Holt; Edna Peterson, '26, Grand Forks; Helen Gibbons, '24, Crookston, and D. H. LaVoi.

Refreshment Stands: George Berggren, '28, Greenbush; Teddy Carlson,

'28, Hallock; Harold Roadfeldt, '28, Salol; Harvey Johnson, Rollag; Wilfred Knutson, Clearbrook; Clara Ness, '28, Wanke; Carrie Buck, '28, Crookston; Esther Gibbons, Crookston; Ethel Harris, '28, Crookston, and Sanna Hanson, Wanke.

Sports: Eddie Trandem, '28, Mentor; Erwin Flynn, '28, Leonard, and Alice Berg, Erskine.

Decorations: Arthur Sandal, '28, Syre; Ernest Newhouse, '28, Crookston; Martin Odland, Wadena; Manley Larson, '28, Twin Valley; Isabelle Dobias, '28, Angus; Esther Veker, '28, Fertile, and Iris Gibbons, Crookston.

Dance: Harry Confer, '28, Angus; Elmer Wardeberg, '28, McIntosh; Hazel Stephenson, Gary, and Isabelle Letnes, Crookston.

Attendance

Becker: Karrol Gandrud, '26, Detroit Lakes; and Myrtle Fingalson, Callaway.

Beltrami: John Heldblad, Saum, and Mrs. S. H. Jacobson (Myrtle Erickson), Bemidji.

Clay: Clayton Mellum, '19, Ulen, and Harriet Skjerva, '28, Hawley.

Clearwater: Phinney Stenborg, '26, Clearbrook, and Esther Engbretson, '28, Clearbrook.

Kittson: Emil Hallgren, '18, Bronson, and Frances Lindahl, '25, Hallock.

Lake of Woods: Elsworth Dowers, '27, Hiwood, and Mrs. Fred LaFave (Nellie Anderson, '17) Baudette.

Marshall: James Porten, '17, Alvarado, and Naomi Forder, '26, Middle River.

Mahnomen: Telmer Olson, '28, Waubun, and Alice Lindstrom, Waubun.

Norman: Oscar Forseth, '25, Halstad, and Hannah Degerness, '27, Gary.

Ottertail: John Gronner, '22, Underwood, and Mrs. Jay Moses (Marie Larson '21), Pelican Rapids.

Pennington: Paul Engelstad, '16, and Theresa Aakre, '24, Thief River Falls.

Polk: Herman Skyberg, '16, Fisher, and Doris Olson, '26, Fertile.

Red Lake: Walter Turgeon, '24, Brooks, and Mrs. Sigurd Grothe (Olga Lovaas, '20) Oklee.

NOTED SPEAKERS ON CROPS DAY

An exceptionally strong program has been arranged for the Annual Crops and Soils Day, which will be held at the Northwest Experiment Station, Monday, July 16. Speakers for the day will include Dr. F. J. Alway, Professor E. G. Booth, and Director F. W. Peck, in addition to the Station staff.

Dr. Alway, chief of the Division of Soils at the University of Minnesota, will discuss the subject of "Soils and Fertilizers." This topic is especially pertinent in the Red River Valley, due to the rapid increase in the use of commercial fertilizers and to the large number of brands and mixtures offered for sale.

Professor E. G. Booth, of the North Dakota Station, was formerly engaged in Crops work in Canada. He is

consequently thoroughly familiar with the Canadian pure seed work, as well as with conditions in this section of the state. No one interested in pure seed production and distribution can afford to miss the opportunity of hearing Professor Booth.

F. W. Peck, Director of the Extension Division, University Farm, St. Paul, will present "The Crop Market Outlook." The field of agricultural economics is of growing importance. It has become necessary to familiarize oneself with many sources of information now available concerning market conditions. Director Peck will ably summarize the known facts and probable trend of the crop market.

Following the speaking program, an inspection tour of the plots will be made under the guidance of Professors R. S. Dunham, T. M. McCall, and E. R. Clark, of the Crops staff of the Northwest Station. New varieties, cultural practices and pure seed increases will be viewed and discussed. The day is under the auspices of the Red River Valley Crops and Soils association and everyone is invited. A special program for women and children will be given during the plot inspection.

CUTTING RUSTED WHEAT EARLY

When badly rusted wheat should be cut is a question always arising in a bad rust year. Some believe it should be cut on the "green side," others wait for ripening. To obtain some information on this question, two trials have been made with Marquis wheat at the Northwest Station by R. S. Dunham, Agronomist.

In 1925, Marquis that had been planted on bare-fallow land was severely rusted. Two cuttings of adjoining plots were made. In the first cutting the necks of the straw were still green. In the second cutting the grain was dead ripe. As a result there was a shrinkage in yield of 4.6 per cent in the grain left to ripen. The mature grain weighed 47½ pounds per bushel and the immature grain, 48½ pounds after drying.

In 1927 similar trials were made, except that the first cutting was made relatively later than in 1925. In this cutting over half of the plants had yellow necks; the remainder were green. At this stage about three-fourths of the kernels were in the soft dough. As a result of the trial, the grain from the first cutting yielded 12.6 bushels per acre, and the ripe grain, 10.3 bushels. Each sample weighed 50 pounds per bushel after drying.

From these trials, it seems advisable to cut badly rusted wheat before ripening and probably about the time the kernels are in the dough stage in order to secure the greatest yield. In addition to this factor is the matter of saving the crop before crinkling sets in.

MANGELS YIELD WELL

Mangels produced enormous yields at the Northwest Station this past season, the three varieties used yielding from 33 to 40 tons per acre. The mangel is a valuable succulent feed for cattle and poultry and if fed with care is valuable for sheep. This crop is particularly adapted to the clay loam soils of the Red River Valley and should be more widely grown because it withstands adverse climatic conditions disastrous to many other succulent crops. According to T. M. McCall, Horticulturist, mangels have never failed to produce good crops during the past seventeen years of testing at the Northwest Station, and succeed best in the cool, moist "off years" for corn.

Contrary to the common opinion, mangels are easily grown and their culture has been simplified by the use of sugar beet machinery. Sugar beet drills and cultivators can be used for mangels, in that both crops require the same distance between rows and should receive the same culture. Planting, blocking and thinning of mangels must be done promptly. Beet lifting machinery is unnecessary when the proper varieties are grown, for the better varieties pull very easily by hand.

The ideal place for the storage of mangels is in a pit or cellar alongside the barns, where the roots are to be fed. The roots can then be fed out during the winter and the silage saved for spring.

Blunt rooted varieties that have short crowns should be selected for planting, for this type of root pulls most easily and the tops can be twisted off as the roots are pulled. The three best varieties in the trials at the Northwest Station, ranked according to yield last year, are Danish Sludstrup, 40 tons; Giant Sugar Feeding, 39 tons, and Yellow Ecken-dorf, 33 tons per acre.

PERSONALS

Carl Widseth, '27, who graduated from the four-year course this year, was recently awarded a \$100.00 scholarship to the Minnesota College of Agriculture. The scholarship was based on the record made in scholarship and leadership at the Northwest School. Others who have won this award are Wallace Miller in 1925, Elmer Miller in 1926, and Elmer Anderson in 1927. Carl is spending the summer in eastern states with Mr. Milligan, working for the government in the corn borer control campaign.

Miss Ruth Sheldon, former nurse, has been spending a brief vacation at her home at Nelson, Minnesota. Miss Sheldon will be instructor of nurses at the Roseland Community Hospital in Chicago.

John Landby, a patient at Oakland Park Sanatorium at Thief River Falls, is reported to be making very satisfactory progress.

Myrtle Ellingson, who attended in 1924-25, died December, 1927.

Fifth Annual Livestock Feeders' Day

June 22, 1928

A general invitation is extended livestock men of Northwestern Minnesota to attend the fifth annual livestock feeders' day at the Northwest School and Station, Crookston, Friday, June 22. The program will include practical discussions dealing with **Dairy Cattle, Beef Cattle, Sheep and Swine Production, Livestock Diseases and Marketing.**

Program

- 9:30 A. M.—Meet in Auditorium, Kiehle Building, Announcements.
- 9:45-10:30 A. M.—Increasing the Farm Income through Sheep Production, —W. H. Peters.
- 10:30-11:30 A. M.—Feeds for the Dairy Cow—H. R. Searles.
- 11:30-12:15 A. M.—Inspection of Station Herds and Flocks—O. M. Kiser and D. H. LaVoi.
- 12:15 Noon—Roast Beef Dinner in Dining Hall—Miss Lippitt in charge.
- 1:00-1:30 P. M.—Address—Dean W. C. Coffey.
- 1:30-2:30 P. M.—Inspection of Baby Beeves and Review of Feeding Trial —W. H. Peters, O. M. Kiser, D. H. LaVoi.
- Four Lots of Eight Calves Each, Fed as Follows:**
- Lot 1—Ground barley, oilmeal, silage, alfalfa hay.
- Lot 2—Ground barley 2-3, ground oats 1-3, oilmeal, silage, alfalfa hay.

- Lot 3—Ground barley 1-3, ground oats 2-3, oilmeal, silage, alfalfa hay.
- Lot 4—Ground oats, oilmeal, silage, alfalfa hay.
- 2:30-3:15 P. M.—Contagious Abortion and How to Prevent It—Dr. C. P. Fitch.
- 3:15-4:00 P. M.—New Developments in Livestock Marketing—J. S. Montgomery.
- 4:00-4:30 P. M.—Feeds for Growing and Finishing Pigs—O. M. Kiser.
- Prominent Livestock Men on Program**
- Among the specialists from University Farm, St. Paul, will be W. C. Coffey, Dean of the Department of Agriculture; Dr. C. P. Fitch, Chief of the Veterinary Division, W. H. Peters, Chief of the Animal Husbandry Division, and H. R. Searles, Dairy Extension Specialist. J. S. Montgomery is general manager of the Central Co-operative Commission association, South St. Paul. O. M. Kiser and D. H. LaVoi represent the livestock department of the Northwest School and Station.

One of the features of the day's program will be the inspection of the 32 baby beeves that have been on feed for the past few months, and a review of the results secured from various rations.

O. M. Kiser and D. H. LaVoi are arranging the tour of inspection of the herds and flocks and will supervise the popular weight guessing contest.

Cyril Cannon, '15, has moved from Northcote to Hallock, and has purchased one of the leading restaurants there. Cyril is planning on attending the reunion on June 29.

Arnold Swanson, '24, is planning to leave his farm duties near Hallock long enough to meet his friends at the reunion on June 29.

Mr. and Mrs. Fred H. Zimmerman (Clarissa Friday, '23) announce the birth of Rosalyn Joyce on May 14, 1928, at their home in Jefferson, Ohio.

Cora Sorenson, '25, died December 6, 1927.

Lily Walhaug, '26, is ill at a sanatorium at Oppening, Minnesota.

Harry Confer, '28, captain-elect of the 1928-29 basketball team, took charge of the athletic events at the district play day of rural schools at Angus, May 16.

Eldor Pederson, '27, has had an operation for appendicitis, and is recovering nicely at the Thief River Falls hospital.

Oscar Olson, '14, had the highest rating for mail carrier at Angus, recently, and received the appointment.

Einar Aakre, '20, a student at the Minnesota College of Agriculture, was in charge of the judging of dairy breeds when high school students competed at University Farm, May 10.

Mrs. Toby Johnson (Annie Welander, '25), living on a ranch at Springdale, Montana, announces the birth of a baby son. The Johnsons are operating a sheep ranch comprising six sections of land.

Wilbur Johnson, '21, was married on March 14 to Mabel Haugen, of Angus. They will live on Wilbur's farm, near Angus.

Harry Melick, '21, writes from 3740 Keystone Avenue, Palms Station, Los Angeles, California. Harry is working part time, but plans to complete his four year work with the Polytechnic High School this year.

Helen Gibbons, '24, was a member of the play cast, "Edward," which was the Carleton College entry at the Northwestern University contest the latter part of April. Helen took the part of "The Neighbor," which is one of the leading parts of the production.

Oliver Peterson, a former Northwest School student, took charge of the Four Towns Creamery while the regular buttermaker was attending the recent annual meeting of the Land o' Lakes association. While at Four Towns, Oliver visited Ray Magnuson, '21.

Earl Luchau, '26, writes from Valley City, North Dakota, that he is enjoying his work at the Teachers' College.

Richard Aakre, '22 and Howard Balk, '24, are now attending the Minnesota College of Agriculture. Both boys are out for spring football and write enthusiastically about the new field house which was recently completed at the University.

Luella Torske, '19, writes from Ada that she is planning to continue her school work this fall. Commenting on her work at the Northwest School, she adds "I wish I had those days to live over again."

4-H CLUB MEMBERS

WILL HOLD CAMPS

Three one-day 4-H club camps will be held at the Northwest School from June 22-27, according to arrangements made by county agents and club leaders of seven Northwestern Minnesota counties. The groups will reach the Northwest School about four o'clock in the afternoon and remain until about four o'clock the following afternoon. As soon as rooms have been assigned in the dormitories there will be a program of sports, followed by a picnic supper. This in turn will be followed by stunts and a camp fire program with movies concluding the day's activities. The next morning "setting-up" exercises will precede the call for breakfast in the school dining hall. The forenoon will be devoted to instruction in the various projects, with district club leader H. A. Pflughoef, Northwest School instructors, county agents, and club leaders in charge. The noonday meal will be in the nature of a picnic dinner and the afternoon will be given over to games and sports. All who come should bring bedding.

The dates for the camps are as follows: June 22-23, Polk County; June 25-26, Marshall, Clearwater, Red Lake and Mahnomen counties; June 26-27, Norman and Kittson Counties.

PERSONALS

Edgar Olson, '25, was recently married and will live on the home farm at Middle River.

Edgar Meldahl, of Badger, who attended in 1920-21, is now principal of schools at Amenia, North Dakota.

Norval Hegstad, '22, is farming near Badger.

John Forder, '21, is farming north of Middle River.

Alice Erickson was recently elected president of the Pencer 4-H club of Roseau county.

Hilda Nyquist, a student of 1914-18, was married in New York, May 14, to James Polk Gammon, an army officer of Richmond, Virginia. They will be at home after the tenth of September at Fort Benjamin Harrison, Indiana.

Einar Eilertson, '25, is a member of a quartet from the Central School of Agriculture, St. Paul, that has been making a tour of the state recently.

Lettie Rupert, who attended 1916-18, was married September 17, 1927, to Dr. John Rens, and is living at Platteville, Wisconsin.

Leonard Wiberg, '20, is now an electrical engineer in Chicago. His address is 663 West 61st Street, Chicago.

Mabel Bergh, who attended in 1919-20, has moved from Gully to Hallock.