

# THE NORTHWEST MONTHLY



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## Crops and Soils Day Northwest Experiment Station July 22, 1929

### PROGRAM

- 11:00 a. m. Business Meeting—R. R. Valley Crops and Soils Association.
- 12:00 m. Picnic Lunch on Campus—Coffee, cream and sugar furnished free.
- 1:00 p. m. Speaking Program. Ole A. Flaot, President Red River Valley Crops and Soils Association, presiding.
- Address of Welcome—Supt. A. A. Dowell, Northwest School and Station.
- Injurious Insects and Their Control—A. G. Ruggles, University Farm, St. Paul.
- Plant Physiology and Its Relation to Killing Weeds—Dr. R. B. Harvey, University Farm, St. Paul.
- Handling the Seed Plot—A. D. Haedecke, in charge of Seed Grain Certification, University Farm, St. Paul.
- 3:00 p. m. Tour of Station Plots and Fields—R. S. Dunham, station agronomist, and E. R. Clark, pure seed specialist.

Pure seed growers, seedsmen, extension workers and all interested in crops improvement and soil problems are invited to attend the Annual Crops and Soils Day meeting at the Northwest Experiment station, Monday, July 22. Test plots of new varieties of wheat, oats, barley and flax; trials with new forage crops, and the results of sodium chlorate sprays on sow thistles will be shown and explained to the visitors. Dr. R. B. Harvey, one of the foremost plant physiologists in America, will be present to discuss weed control problems. Professor A. G. Ruggles, University Farm, will explain the attacks of insects upon farm crops and means of combating these pests, while Mr. A. D. Haedecke, in charge of seed certification work in Minnesota, will discuss pure seed production.

New varieties of farm crops in test at the Crookston station this year

include Hope, Reliance, and Supreme wheat; the much-discussed Montana Wonder oats, and new smut-resistant hybrids; Buda, Bison, and several strains of Argentine flax, and Reed's Canary Grass. Trials with new hardy varieties of alfalfa, grass plots, and crop rotation experiments will also be shown.

Extensive experiments on the use of sodium chlorate and other chemicals for weed control were begun at the Northwest Station last year. The effects of various rates and dates of application on sow thistle; the effects upon the soil, and comparisons with mowing and cultivation methods will be of interest to all. How these chemicals affect various plants and problems in connection with their use will be explained by Dr. R. B. Harvey, who has cooperated in these trials since they were established at various Minnesota stations.

Reed's Canary Grass, also known as Phalaris, has been found to be a promising forage crop on wet land and peat soils. Experiments on methods of seeding and yield trials have been undertaken and will be shown to visitors on Crops and Soils Day.

Growers of certified seed grain and farmers interested in obtaining seed of the new varieties will be interested in the varietal plots and increase fields at the station. Mr. A. D. Haedecke will be present to meet the growers.

The program will be held in cooperation with the Red River Valley Crops and Soils association, of which Ole A. Flaot, Bygland, is president. The annual business meeting of the association will be held at 11 a. m. All persons interested, whether members of the association or not, are invited to attend. Bring the entire family and enjoy a picnic dinner on the campus. Coffee, cream and sugar will be furnished free. The speaking program will begin at 1:00 p. m.

R. S. Dunham, station agronomist, and E. R. Clark, pure seed specialist, will conduct the trip to the experimental plots.

### FEEDERS' DAY A SUCCESS

The Sixth Annual Livestock Feeders' Day program, held at the Northwest Experiment Station, June 17, opened with an address on "Feeding Growing Pigs," by W. H. Peters, Chief of the Animal Husbandry Department, University Farm, St. Paul. "The value of the feed consumed represents about 75% of the cost of producing the average pig to a suitable market weight," according to Professor Peters. "Because of this fact, the feeding of hogs is a subject of interest and importance to every swine raiser."

"Pigs should gain from one and one-fourth to one and one-half pounds per day, and be ready for market when from five to seven months old. To do this, a number of principles concerned in swine feeding must be understood and a number of practices must be carried out: (1) Pigs of a growthy, deep-bodied type must be fed; (2) the pigs must be kept healthy; (3) all of the nutritive requirements of the pig must be supplied in the ration fed.

### Lamb Feeding Reviewed

In reviewing lamb feeding trials at the West Central station, Morris, P. S. Jordan, Animal husbandman, stated that western lambs can be profitably fattened on feeds common to west central Minnesota. Altogether, six carlots of lambs have been fed at the West Central station during the past few years. In the case of most classes of livestock, it has been found profitable to grind such grains as barley and oats. In lamb feeding trials, however, results show quite conclusively that it does not pay to grind the common grains. Lambs receiving whole barley made just as rapid, and, consequently, cheaper gains than those receiving ground barley. Professor Jordan expressed the opinion that farmers with some knowledge of lamb feeding could very profitably incorporate this work as a feature of their farming operations, thus condensing hay and coarse grains into a more marketable product.

Following these two discussions, visitors inspected the station herds and flocks under the direction of O. M. Kiser and D. H. LaVoi.

The afternoon program opened with the inspection of the 32 grade Short-horn baby beeves that had been on feed at the local station since last November. Results of this feeding trial were summarized by Professor W. H.

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THE UNIVERSITY OF MINNESOTA  
NORTHWEST SCHOOL OF  
AGRICULTURE  
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OFFICE  
Northwest Experiment Station,  
Crookston, Minnesota.

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

### RECORD ATTENDANCE AT JUNIOR SHORT COURSE

A new attendance record was established at the Junior Short course held at the Northwest School of Agriculture, June 10-13, when 300 boys and girls from ten Northwestern Minnesota counties enrolled for an intensive study of 4-H Club projects. According to E. R. Clark, acting registrar, 2300 boys and girls have participated in these Short courses since this feature was added to Northwest School activities eighteen years ago.

District Club leader H. A. Pflughoeft considered this the most successful short course ever held at the Northwest School. The attendance not only surpassed any previous year, but the boys and girls were keenly interested in learning all that they possibly could about the particular projects they are carrying on at home during the summer.

Instructors included H. A. Pflughoeft, District Club leader; T. M. McCall, R. S. Dunham, E. R. Clark, O. M. Kiser, D. H. LaVoi, A. M. Foker, A. M. Pilkey, Miss Fanny B. Lippitt and Miss Retta Bede of the Northwest School staff, assisted by Mrs. Ruth Whitevell McManus of the Russell Miller Milling Company, Minneapolis; Georgia Rose of the Kerr Glass Manufacturing corporation; Dean Rundlett, Editor of "Fins Feathers and Fur"; A. W. Aamodt, Western Polk County agent; Fred Idtse, Eastern Polk County agent; J. J. McCann, Norman County agent, and Miss Evelyn Bierbaum, Western Polk County Club leader.

Monday night was devoted to organization work; Tuesday, the outdoor picnic; Wednesday, stunt night, and Thursday night to the announcement of winners of the livestock, crops and poultry judging contests, athletic events, and winners in the various girls' projects. All forenoon and early afternoon periods were devoted to an intensive series of lectures and demonstrations.

Pearl Knudsen, Warren, won the advanced corn judging contest; Otto Walberg, Fosston, potato judging; Harold Trask, Warren, poultry judging; Lawrence Harstad, Crookston, baby beef judging; Paul Wiegert, Warren, sheep; Lawrence Harstad, swine; Arnold Johnstad, Beltrami, dairy, and Edward Osterloh, Angus, rope work. In the sewing classes,

Hazel Geldaker, Winger, was declared winner among first year girls; Cecilia Steiner, Eldred, second year sewing; Corrine Quern, Gonvick, third year, and Leilia Steiner, first in advanced sewing.

First place in the stunt program was awarded to the Beltrami 4-H Club on their play, "Clubs is Trump." Other winners included the Eldred 4-H Club initiation ceremony, second place, and the Excelsior 4-H Club of Gonvick, third. A special feature of the stunt night program was presented by the Short Course orchestra, directed by R. S. Dunham.

Coach D. H. LaVoi had as many as twelve kittenball teams playing at one time, in addition to volley ball and basketball events. According to Mr. LaVoi many new records were established in the various outdoor sports which culminated in the annual field meet.

A number of the students proudly announced that their parents graduated from the Northwest School of Agriculture some years ago. Twelve-year-old William Arthur Lindberg stated that his father and mother, Mr. and Mrs. Wm. A. Lindberg (Helga Lindfors), Warren, graduated in the same class in 1912. Mr. Lindberg is manager of the Warren Cooperative creamery. Other students whose fathers or mothers attended the Northwest School were Roy Clover, Angus, whose mother, formerly Emma Osterloh, graduated in 1912; Edward Osterloh, Jr., Angus, whose father also graduated in 1912, and Oscar E. Eck, Jr., Gonvick, whose father attended in 1909-10.

Attendance at Northwest School Boys and Girls' Short Courses has grown steadily from 21 who attended the first Short course eighteen years ago to over 300 in 1929. Under the leadership of H. A. Pflughoeft, District Club leader, club work has made steady progress throughout Northwestern Minnesota.

### WOMEN APPRECIATE ANNUAL CAMP

That the Women's Camp idea is becoming more popular each year, was clearly shown by the increased attendance and keen interest in the various lectures and demonstrations presented during the fourth annual camp held at the Northwest School of Agriculture, June 17-20. One hundred forty-one women from eleven Northwestern Minnesota counties registered for the work this year, compared to 112 one year ago.

Monday evening was set aside for the reunion of former campers, together with an informal reception. Tuesday was designated "Movie Night" while the annual "Stunt Night" was held on Wednesday, when representatives of the women's clubs of the city of Crookston joined the campers in their annual picnic supper, and participated in the stunt program. The handsome trophy won last year by the Matron's club of Crookston, was captured by the '26 Campers with

their stunt "The '26 Reunion."

Many outstanding lectures and demonstrations dealing with problems of the home and local community were presented during the three days' Camp. Miss Eva L. Blair, Agricultural Extension division, University Farm, St. Paul, gave two interesting lectures on "Planning Community Meetings" and "Nutrition in Hawaii." Mrs. Marjorie Child Husted of the Washburn Crosby Company, Minneapolis, offered many valuable suggestions in the course of her two lecture-demonstrations on "Attractive Desserts" and "Unusual Dishes for All Occasions."

Other features of the recent camp included a series of basket weaving demonstrations by Mrs. Rlice S. Allen of the Brown Supply company, Wilbernie; "Use of Sewing Machine Attachments," by Miss Viola M. Miller of the Singer Sewing Machine company; "Selection of Fabrics," by Miss Retta Bede; "Buying Supplies for the Home," Miss Fanny B. Lippitt; "Summer Care of the Flock," by A. M. Pilkey; "Attractive Flower Gardens," by T. M. McCall; Finishing and Enameling Used Furniture" by A. M. Foker, and "Outdoor Games for All Occasions," directed by Coach D. H. LaVoi.

Inspirational addresses were delivered at the daily assemblies by Dean W. C. Coffey, University Farm, St. Paul; Mrs. I. W. Kinder, Crookston, President of the Polk County Federation of Women's Clubs, and Mrs. E. E. Greco, Secretary of the 1929 Women's camp, and Ninth District chairman of Community Service.

Mrs. Emma Wright, Middle River, who has attended every Camp to date, was elected president of the 1929 Camp; Mrs. E. E. Green, Crookston, Secretary; Mrs. Ed. Filipi, Angus, Chairman of the Self Government Committee, assisted by Mrs. V. C. Noper, Thief River Falls, and Mrs. A. F. Stroble, Angus.

At the closing session of the week, officers were elected to cooperate with the Northwest School in arranging for the Fifth Annual Camp in June, 1930. The following resolutions were prepared by this committee and placed in the hands of the officials of the Northwest School:

We, the women of the Northwest School Camp, in attendance at the Fourth Annual Camp, wish to express our great appreciation to Superintendent and Mrs. A. A. Dowell and Faculty members who, in any way, have contributed to the success of this Camp.

We especially desire to stress our appreciation to Dean W. C. Coffey, Miss Eva Blair, Mrs. Marjorie Child Husted; Miss Viola Miller, Mr. and Mrs. Roscoe J. Brown, Mrs. Alice S. Allen, Miss Retta Bede, Miss Fanny B. Lippitt, Mr. E. R. Clark, Mr. A. M. Foker, Mr. T. M. McCall, Mr. A. M. Pilkey, Mr. D. H. LaVoi and those giving the Thought for the Day.

We also wish to remember the girls who have so delightfully served us in the dining room and to any others

who have in any way contributed to our pleasure and comfort.

To the Women's Clubs of Crookston for their attendance at the Picnic Supper and assistance in the Stunt program.

Therefore, Be it Resolved, that each and every member of the Camp of 1929 work toward a better and a larger Camp for 1930.

(Signed by Committee)

Mrs. E. E. Green, Crookston, Chairman, Polk County; Mrs. J. W. Mapps, Warren, Secretary, Marshall county; Mrs. Edward Singer, Erie, Pennington county; Mrs. N. P. Stenborg, Clearbrook, Clearwater county; Mrs. J. E. Roadfeldt, Salol, Roseau county; Mrs. Reuben R. Anderson, Frazee, Becker county; Mrs. Albert Lindstrom, Waubun, Mahanomen county; Mrs. H. J. Enderle, Plummer, Red Lake county; Mrs. Oscar Lee, Hendrum, Norman county, and Mrs. John Brendal, Hallock, Kirtson county.

### STAFF HOLD PICNIC

Activities at the Northwest School were suspended on June 21 while members of the staff, together with their families, engaged in the First Annual School and Station Picnic, which was held at Maple Bay. The outing proved to be a most enjoyable affair for everyone was in a holiday mood, following the two strenuous weeks of short courses, and special days.

The following committees were in charge: general arrangements—A. M. Foker, Miss Retta Bede, A. M. Pilkey and George Hillmon; transportation—T. M. McCall, O. M. Kiser, H. A. Pflughoeft, and A. M. Pilkey; dinner committee—Miss Retta Bede, Mrs. A. J. Sunderland, Mrs. O. M. Kiser, Mrs. A. J. Anderson, and Miss Vivian Sanders; program—A. M. Foker, D. H. LaVoi, E. R. Clark, George Hillmon, and Miss Margaret Fylling. Through the efforts of the transportation committee, ten automobiles were provided to convey the Northwest School family to the picnic grounds where the dinner committee had arranged a most appropriate picnic dinner served in true family style.

The day was devoted to various athletic events, including horse shoe tournaments, kittenball games, volley ball, races and swimming. Mrs. A. A. Dowell won the horse shoe tournament for ladies, while A. J. Sunderland captured the men's championship. The women's 50-yard dash was won by Miss Retta Bede, in a close contest with Mrs. T. M. McCall. The race for girls under ten years resulted in a tie between Margaret Dowell and Betty Hillmon. Barbara McCall won the race for girls under seven years, while Bobbie Sunderland led in the class for boys under ten years. Rollis Hillmon outdistanced all competitors in the dash for children under three.

Staff members attending this annual gathering included Superintendent and Mrs. A. A. Dowell, Mr. and Mrs. T. M. McCall, Mr. and Mrs. H. A. Pflughoeft, Mr. and Mrs. O. M. Kiser,

A. M. Foker, E. R. Clark, D. H. LaVoi, Mr. and Mrs. A. M. Pilkey, Miss Fanny Lippitt, Miss Retta Bede, Mrs. Naomi Geer, Misses Wilvian Sanders, Margaret Fylling, Wilma Coss, Mr. and Mrs. George Hillmon, Mr. and Mrs. A. J. Sunderland, Mr. and Mrs. A. J. Anderson, Mr. and Mrs. Juel Torvi, Mr. Henry Nabben, together with the campus children.

### ALUMNI ENJOY ANNUAL REUNION

Another attendance record was established at the Northwest School when more than 200 alumni, former students, and faculty members returned for the annual Alumni reunion and summer festival staged on the campus, June 29. Though the sky was overcast and a light rain fell early in the morning, the sun soon broke through, and as promised by R. S. Dunham, Agronomist, it turned out to be one of the most perfect picnic days of the year.

A full schedule of events had been arranged, beginning with the outdoor picnic at noon, which was followed by a series of ball games, races, and other athletic events. The latter part of the day was devoted to a brief business meeting, speaking program, basket social and dance.

Among the former members of the school staff who returned for the Alumni reunion were Congressman and Mrs. C. G. Selvig, Professor and Mrs. D. A. Milligan, University of Illinois, Urbana, Illinois; Miss Mildred Schenck, assistant state club leader, University Farm, St. Paul, and Miss Ruth Sheldon, Chicago, Illinois. Faculty members of the past school year who returned were Miss Laura Gerber and Mr. John W. Mlinar.

Letters and telegrams were received from many instructors and alumni who were unable to attend this year. Among those forwarding greetings were A. H. Larson, Miss Anne Simley, J. P. Bengtson, John A. Gronner, Violet Lundberg, and Walter W. Luchau.

Frances Lindahl, '25, Hallock, president of the Alumni association, presided over the business meeting. Brief addresses were delivered by Superintendent A. A. Dowell, Congressman C. G. Selvig, D. A. Milligan, Miss Mildred Schenck, Miss Laura Gerber, John A. Mlinar, Miss Ruth Sheldon, and Mr. L. Jensen, Clearbrook.

Mrs. G. S. Olson (Lena Opdahl), Beltrami, won the prize offered to the oldest woman alumnus in attendance, while Chris Fossbakken, Fosston, '09, captured similar honors for the men. Other special awards were as follows: Oldest married couple—Mr. and Mrs. Carl Ecklund, '11, Fargo; youngest married couple—Mr. and Mrs. Einar Loven, '25, Holt; alumnus coming greatest distance—Arthur Sandal, '28, who drove up from Iowa; faculty member coming greatest distance—D. A. Milligan, Urbana, Illinois; largest family present—Mr. and Mrs. Nils Pederson, '13, Bejou; fattest alumnus—Julius Paulsrud, '10, Nielsville.

The evening was devoted to dancing

in the school gymnasium, which had been beautifully decorated for the occasion. Special music and dance numbers were rendered during the intermission, including an accordion solo by Einar Loven, '25; vocal solo by Robert Davids, '24, Bagley, and a polka demonstration by Gladys Huartson, '27, Gatzke, and Einar Loven.

From every standpoint—attendance interest and weather—it was a most enjoyable reunion. Names added to the new guest book, presented to the school earlier in the year by the Class of 1927, include representatives of every class from the first group of graduates in 1909 to 1929. The Athletic association, under the leadership of D. H. LaVoi and Miss Retta Bede, supervised the activities of the day, and report a good balance from stands, basket social and dance. All proceeds will be used to purchase additional athletic trophies and needed improvements.

### MEMBERS OF FACULTY

#### RECEIVE ATTRACTIVE OFFERS

Faculty, alumni, students and friends of the Northwest School will be very sorry to learn that several experienced faculty members have resigned during the summer to accept attractive offers from other educational institutions.

#### A. H. Larson Goes to New York

A. H. Larson, registrar, who has been on leave of absence for graduate study at the University of Kentucky during the past year, resigned June 30, to accept a position as registrar and secretary at the Eastman School of Music of the University of Rochester, Rochester, N. Y.

With the exception of a brief leave of absence in 1918, and fifteen months from 1920-21 as chemist for an explosive company, Mr. Larson has been connected with the Northwest School of Agriculture since 1915, when he came as a graduate of Carleton College to accept a position as assistant instructor. His tireless energy, enthusiasm and loyalty to the school have been important factors in the development of the institution. He will be greatly missed about the campus, but leaves with the hearty congratulations and best wishes of the faculty and student body on this merited promotion. Mr. and Mrs. Larson and family will assume their new duties August 1.

#### D. H. LaVoi Accepts Mich. Position.

D. H. LaVoi, assistant in animal husbandry, coach of athletics, supervisor of home project work, and preceptor of Stephens Hall, will leave around September 1 to accept a position as livestock extension specialist, in the Extension division of the Michigan Agricultural College, East Lansing, Michigan. In addition to an attractive salary, Mr. LaVoi will have the privilege of working for his Master's degree.

Since coming to the Northwest School as a graduate of the College of Agriculture of the University of Minnesota six years ago, Mr. LaVoi

has made a host of friends throughout Northwestern Minnesota. He has made an enviable record as coach of athletics, turning out championship teams in both football and basketball. Under Mr. LaVoi's coaching the Northwest School basketball teams have won every game played on the home floor for the past four years. His sterling character has been a big factor in maintaining the high moral standards of the school. Again we regret this serious loss to the school, but congratulate Mr. LaVoi on his promotion and opportunity for service in a state-wide field.

#### Miss Gerber Joins National Dairy Council

Miss Laura Gerber, clothing instructor and director of girls' athletics for the past four years, has resigned to accept a full time position as extension specialist with the National Dairy Council. Miss Gerber's work will be on health and nutrition in the public schools of Minneapolis and St. Paul, where she will be at home with her parents. During the past two years Miss Gerber has served as assistant club leader during the summer months, and hence, has made many friends throughout the state, in addition to the many contacts made at the Northwest School. Faculty and students alike are very sorry to lose Miss Gerber and will miss her hearty greeting at the opening of the fall term. She leaves with our best wishes for success and happiness in her new work.

#### Miss Simonson Enroute to Alaska.

On Monday, July 1, Miss Elesia Simonson passed through Fargo on her way to Nome, Alaska, where she has accepted a position as nurse. Miss Simonson has been employed as nurse in charge of the Health Service building at the Northwest School during the past two years. Her poise, dignity and interest in each individual student has added much to the value of the Health Service department of the Northwest School. Miss Simonson plans on remaining in Alaska for at least the next two years.

#### FEEDERS' DAY A SUCCESS

(Continued from Page 1)

Peters, O. M. Kiser and D. H. LaVoi.

Dr. A. F. Schalk, chief of the veterinary department, North Dakota Agricultural College, Fargo, followed with a discussion on "Veterinary Problems," including such subjects as abortion, bloat, and other difficulties common to the Red River Valley. That farmers are taking a keener interest each year in sanitation and other veterinary problems was clearly shown by the many questions that were asked following Dr. Schalk's address.

"Some Essentials for Success in Dairy Production" was the subject of an address delivered by J. R. Dice, Professor of dairy husbandry, North Dakota Agricultural College. Professor Dice urged farmers of the Red River Valley to test their dairy cows, and then keep on testing, with a view to retaining only the best producers.

Other essentials for success, as discussed by Professor Dice, included the use of farm grown feeds, feeding some grain while on pasture to maintain the milk flow, good care and management, and the importance of producing good quality milk and cream. According to Professor Dice, good cows offer an excellent market for home grown feeds. A cow producing 200 pounds butterfat per year paid the owner \$20.00 per ton for alfalfa hay, while a 300-pound cow returned \$30.00 per ton for alfalfa.

Results of the baby beef feeding trial will be summarized in a later issue of the Northwest Monthly.

At the close of the meeting, O. M. Kiser, Station Animal husbandman, stated that approximately 200 farmers from every county in Northwestern Minnesota and adjacent territory in North Dakota, were in attendance. The attendance, as well as quality of the program, was fully up to the high standard set one year ago.

#### REGENT SUNDBERG VISITS SCHOOL

Honorable J. E. G. Sundberg, Kennedy, member of the University Board of Regents, called at the Northwest School and Station the last week in May to inspect buildings and equipment at the local institution. During the recent session of the State Legislature, Mr. Sundberg was re-elected to membership on the Board, representing the Ninth Congressional District.

#### PERSONALS

Iver J. Johnson, '23, University Farm, St. Paul, spent a week's vacation during June with his father and his sister, Mrs. Severine Rishovd of Crookston. Mr. Johnson received his master's degree in the College of Agriculture last month, and has been working as an assistant instructor in agronomy. He will continue his work at the college next year and study toward the doctors' degree, specializing in plant physiology.

Mr. and Mrs. R. H. Mueller and daughter, Margaret, of South Bend, Indiana, visited friends on the campus June 16. Mr. Mueller, who was registrar of the Northwest School during the school year 1920-21, is now state director of religious education for the German Evangelical church in Indiana.

Ellen Ahlm, '20, formerly assistant accountant at the Northwest School, visited friends on the campus on June 11. Ellen is employed by the Interstate Commerce Commission at Washington, D. C.

Mr. and Mrs. Silas Torvend and baby, Olga, of Silverton, Oregon, visited at the Northwest School on June 8. Silas is a graduate of the class of 1911, and Mrs. Torvend (Emma Pederson) is a graduate of the class of 1910.

The marriage of Veral Gibbons '21, to Miss Doris Burke, Crookston, occurred June 5. Miss Burke taught in the North Star school near Crookston

for the past two years. After an auto trip to South Dakota, where they visited with relatives, Mr. and Mrs. Gibbons will be at home on the groom's farm near Crookston.

Jnel Torvi, who attended the Northwest School during 1924-25, was married to Leona Eisert, of Crookston, on June 5. After spending their honeymoon in southern Minnesota, they returned to Crookston, where they will make their home. Jnel is employed at the Northwest School.

Announcements have been received of the marriage of Miss Bernice Nolan to Mr. Alfred Lindelien on August 13, 1928. Miss Nolan was instructor in home economics at the Northwest School from 1921 to 1925. Mr. and Mrs. Lindelien are making their home in Riceville, Iowa.

Lewis Rud (1909-10) was married to Miss Marie Johnson on June 3. They will make their home at Viking.

Martin Odland, '29, was married to Miss Ethel Wentzel, of Crookston, on June 25. They will live in Crookston and Martin will continue his studies at the Northwest School.

Cora M. Thompson, '25, of McIntosh, was married to Morris C. Grove on June 26. They are spending their honeymoon in the Twin Cities and Wisconsin and will make their home home at Winger.

Mr. and Mrs. Edgar Mattson (Hannah Martinson, '22) of Pontiac, Michigan, are the happy parents of a baby daughter, born Friday, May 3.

Mr. and Mrs. Marion Johnson, of Osakis, are the proud parents of Robert Dale Johnson, born June 12. Marion graduated in 1917.

Rufus Logan, '21, who has been teaching in the Alexandria high school during the past year, is spending the summer vacation at his home at Ada.

Elmer Miller, '25, who has finished his junior year at the College of Agriculture, will spend the summer with a party of botany students on investigational work with desert plants in the western states.

Alice Parnow, '26, who has been taking nursing training at Miller hospital, St. Paul, during the past year, has returned to Bethesda Hospital, Crookston, to complete her course. She will graduate in September.

Miss Anne Simley is spending the summer at Cape Girardeau, Missouri, teaching English in the State College. Enroute from Wisconsin, Miss Simley spent one night with the Milligans in their charming home at Urbana, and called at the Victors' the following night. Mr. Victor is distributing Ford cars at Tuscola, Illinois. Miss Simley adds that she will call on the rest of the motors department, Mr. Anderson, and Mr. and Mrs. Rutt, on her way home next August.

Paul Engelstad, '16, is sales manager of the Red River Valley Guernsey Breeders' association and also president of the Pennington County Cow Testing association. Paul had charge of the tenth Annual Consignment sale of high grade breeding stock at Thief River Falls on June 6.