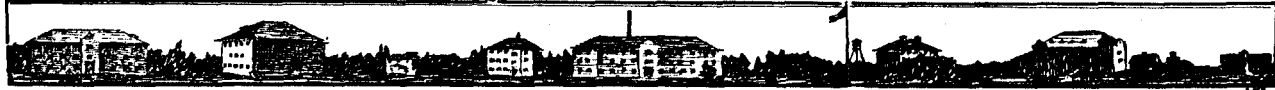


# THE NORTHWEST MONTHLY



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VOL. VI.

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NO. 5-6.

## Commencement Was Very Interesting Event 55 Complete Courses

That the Northwest School of Agriculture has met a need in Northwest Minnesota, is demonstrated each year by the large graduating classes of students who complete the course. Commencement week is a gala event for these students. The events of 1922 commencement began Saturday evening, March 25, with the annual interclass field meet. This was won by the seniors, with the freshmen second by a close margin. The commencement sermon was given by Rev. F. W. Hill, of the Methodist church of Crookston, on Sunday, March 26. On Monday afternoon the inter-society debate was held. The final contest this year was between the Lincoln and Pioneer societies. By winning this debate for the third consecutive time, the Pioneers became permanent possessors of the Selvig Debating Trophy. The subject discussed was, "Resolved: That the U. S. should cooperate with Canada in establishing the Great Lakes-St. Lawrence deep waterways project."

On Tuesday evening the seniors and advanced class members and class advisers were entertained at the home of Superintendent and Mrs. Selvig. On Wednesday evening a program was given under the auspices of the Junior class, including a musical recital by students, a one act farce, and a comedy film.

At nine o'clock on Commencement day, March 30, class demonstrations were given by students, including tractor work, blacksmithing, poultry, stock judging, and potato selection by the boys, and canning, dress forms, bed making, setting tables, and food preparation by the girls. The senior class exercises followed, when the class prophecy, will, history, and Mr. Clark's address were given. He spoke on "The Fundamentals of Success." The traditional key, handed to the Junior class by Gust Tammy, was accepted by Iver Johnson, representing the Juniors.

The commencement program began at two o'clock. Lloyd Ness, president of the senior class, gave the class address. The commencement address was delivered by Superintendent G. H. Sanberg of Crookston. His subject

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## 1922 JUNIOR SHORT COURSE WEEK WAS HUGE SUCCESS

April 3-7, 1922, will long be remembered by the 77 boys and girls who attended the Junior Short Course. From the standpoint of enthusiasm and application to the week's program it was perhaps one of the most successful short courses ever held at the school. The course began Monday evening, and closed Friday evening. The forenoons were devoted to class room and laboratory work in boys' and girls' club projects. The course was so arranged that those who could not enroll for club work would receive full benefit from the instruction. The afternoons were given over to excursions, contests and games in the gymnasium. The evenings were spent in community singing, directed by Mr. N. A. Thorson, County Superintendent of Schools of Polk County, lectures and moving pictures. Some of the feature films this year were "Pollyanna," "Daddy Long Legs," "Chickens," and "Sand." The community singing was a feature of the week and was an evidence of enjoyment that comes through the singing of songs. On Thursday, Mr. T. A. Erickson, State Club leader, was present. County agents and club leaders from the northwest were in conference that day.

On Friday evening, the results of the contests were announced and prizes given to the following students:

Earl Burk, of Brooks, Red Lake County, scored highest in the contests, winning first in corn, potato, and poultry judging. Sydney Ander-

son, Jelle, Beltrami county, was second; while Oscar Nordin, Lancaster, Kittson County, came third. Bertie Dale, Fertile, ranked first in the contests for girls. The awards in the various classes were as follows: Sewing—Lillian Payne, Nielsville, first; Alice Landro, Hendrum, second; Bertie Dale, Fertile, third. Breadmaking—Bertie Dale, Fertile, first; Bertha Johnson, East Grand Forks, second; Edna Payne, Nielsville, third. Poultry—Earl Burk, Brooks, first; Alfon Valor, Climax, second; Oscar Nordin, Lancaster, third. Sheep judging—Emil Gran, Mentor, first; Oscar Nordin, Lancaster, second; Sydney Anderson, Jelle, third. Judging pigs—Sydney Anderson, Jelle, first; Timlar Grove, Climax, second; Ernest Boyum, Mentor, third. Judging Baby Beef—Sydney Anderson, Jelle, first; Alfon Valor, Climax, second; Oscar Nordin, Lancaster, third. Judging Dairy Calf—Arthur Wold, Roseau, first; Joseph Johnson, Mentor, second; Elmer Hanson, Karlstad, third. Judging Corn—Earl Burk, Brooks, first; Earl Olson, Bronson, second; Orel Winjum, Strathcona, third. Rope Work—Alfon Valor, Climax, first; Theodore Houl- and, Mentor, second; Marcus Aas, Climax, third. Judging Potato—Earl Burk, Brooks, first; Orel Winjum, Strathcona, second; Oscar Nordin, Lancaster, third. Poultry Judging—Earl Burk, Brooks, first; Alfon Valor, Climax, second; Joseph Johnson, Mentor, third.

## Northwest Aggie Students Enroll for Home Project Work

One hundred and ten students of the Northwest School have enrolled for summer project work, an increase of 32% over last season's enrollment. Seventy boys have begun projects in crop production, livestock raising, tractor operation and farm accounts. Forty girls of the home economics department are trying out processes learned in their school courses for canning, preserving and baking and making dresses for themselves and their younger sisters.

Potato growing is the most popular project among the boys. Twenty-six have selected to grow pure bred Red River Valley potatoes for seed, using the most up-to-date methods of seed selection, seed treatment, roguing mixtures, spraying and harvesting. Corn growing will command the attention of eighteen boys, Northwest

ern Dent and Minnesota No. 13 being the leading varieties grown. Problems in tractor operation, including records of work performed, power developed, cost of fuel and repairs, will be studied by seven boys, under the direction of H. S. Hinrichs, instructor in farm motors. Pork production, dairy herd management, farm accounts, poultry, pure seed grain growing and tree planting are other lines of work chosen.

A new project in canning meat, outlined by Miss Mildred Schenck, director of the home economics department, has proved to be a very interesting project, and thirty girls will carry on this work at home.

Edgar Olson, '24, submitted the first report received from the boys. He is growing a seed plot of Mindum wheat on his home farm at Middle River.

## COMMENCEMENT PROVES VERY INTERESTING EVENT.

(Continued from Page 1.)

was "Fundamentals for Permanent Progress." Superintendent C. G. Selvig then presented the diplomas to the class and announced the debating and public speaking awards.

The annual get-together dinner, followed by a film and an informal party, closed the day's exercises.

Henry Nabben, Thief River Falls, was awarded the Class of 1917 award for the greatest progress in public speaking. Fred Van Buren, of Boyne City, Michigan, won the award for the greatest progress in debating. Emil Nelson, Clearbrook, received the award for the best home project work done during the last season. Wallace Miller was declared winner in the blacksmithing contest.

The Senior class team was awarded the silver trophy in the interclass livestock competition. Letters and insignia were awarded the following members of the first squad basketball team: Walter Anderson, William Johnson, Lloyd Ness, Louis Emerson, LaVern Peterson, Harold Peterson, and Harry Courtney.

The members of the graduating class were Richard Aakre, Goodridge; Arthur Anderson, Jelle; Lloyd Bolstad, Floodwood; Roger Briden, Crookston; Una Briden, Crookston; Iva Dohbdal, Guthrie; Louis Emerson, Minneapolis; Harold Erikson, Duluth; Inga Folvick, Oslo; Neva Gibbons, Crookston; Raymond Gordon, Rhoda; John Gronner, Underwood; Olga Hanson, Gary; Norval Hegstad, Haug; James Homme, Highland; Osmund Jensen, Rhoda; William Johnson, Duluth; Louis Kassa, Goodridge; Carl Lindfors, Fosston; Myrtle Marmorine, Clearbrook; Hannah Martinson, Kennedy; Naime Nansen, Erskine; Lloyd Ness, Ada; Emil Nelson, Clearbrook; Halvor Nornes, Winger; George Olson, Middle River; Marie Olson, Nielsville; Oscar Peterson, Clearbrook; LaVern Peterson, Brooks; Jennie Peterson, Stephen; Esther Sandem, Beltrami; Ila Slyter, Red Lake Falls; Charles Smith, Minneapolis; Edward Solberg, Fertile; Clayton Stageberg, Floodwood; Gerald Stephens, St. Hilaire; Gust Tammy, Iron; Ole Tarvas, Iron; Thelma Torkilson, Stephen; Minnie Torpet, Fertile; Ivy Voaklander, Warroad; Lawrence Walters, Beltrami; Walter Welte, Bagley; Milo Wold, Beltrami.

The members of the advanced class were Einar Aakre, Goodridge; Walter Anderson, Gonvick; Elmer Bredlie, Eldred; Truman Hustung, Bagley; Amos Kasberg, Eldred; Clayton Marrs, Bemidji; Kenneth Monson, Orleans; Henry Nabben, Thief River Falls; Harold Peterson, Bagley; Helen Selvig, Crookston.

### FOR SALE

: Six (6) Shorthorn cows and heifers, all registered. Come and see them. Prices are right. All are bred to Linwood Sultan, a grandson of Whitehall Sultan, a three year old bull that now weighs 2100 lbs. in good breeding condition.

## NORTHWEST STATION STAFF BUSY

### Extensive Investigations Being Carried On

The past month has been a busy one at the Northwest Station. Long before the school classes were over the members of the station staff were busy getting ready for the experimental and investigational work that is carried on. Some idea of the scope of the work may be gained from the following list of projects at the Northwest Experiment Station:

#### DAIRY AND ANIMAL HUSBANDRY

Dairy Herd Management and Development.  
Sweet Clover vs. Alfalfa for Dairy Cows.  
Sunflower Silage vs. Corn Silage, and Sweet Clover Silage vs. Corn Silage for Dairy Cows.  
Feeding Young Dairy Heifers.  
Hogging Down Corn Demonstration.  
Pastures for Growing Hogs.  
Live Stock Demonstration and Extension.  
Official Testing of Dairy Cows.  
Maintenance Dairy Herd Cost Account.  
Value of Soy Beans in Silage.  
Sheep Flock Management and Development.  
Maintenance of Brood Sows.  
Residual Effects of Forage Crops for Swine.

#### DRAINAGE

Determination of the Relative Efficiency of Differing Depths and Spacing of the Drainage Lines.  
The effect of Tile vs. Open Drainage at Northwest Station.  
Study of Various Kinds of Tile.  
Testing of Tile.

#### POULTRY

Hens vs. Pullets for Profitable Egg Production.  
Cross-Breeding.  
Trap Nesting.  
Packing Eggs.  
Cockerel Fattening Experiment.  
Poultry Demonstrations and Extension.  
Comparative Cost of Heating Brooders.  
Artificial vs. Natural Methods of Incubation.  
Standard Bred vs. Mongrel Flock.  
Growing Poultry Feeds.  
Egg Turning Investigation.  
Poultry House Construction.

#### FIELD CROPS

Cultural Experiments with Wheat, Oats, Barley and Winter Grains.  
Corn-rot Investigation.  
A study of Important Varieties of Oats for Northwestern Minnesota Conditions.  
A study of the Important Varieties of Wheat for Northwestern Minnesota Conditions.  
A study of the Important Varieties of Barley for Northwestern Minnesota Conditions.  
A study of Important Varieties of Flax, Winter Grains and Soy Beans for Northwestern Minnesota Conditions.  
A study of Important Varieties of Alfalfa and Sweet Clover for Northwestern Minnesota.  
Effect of Fertilizers on Black Stem Rust of Wheat.  
Cultural Experiments with Alfalfa, Sweet Clover and Grasses.  
A study of the Vitality of Canada and Sow Thistle Seeds.  
Corn Selection Experiment.  
Pedigreed Seed Production.  
Cooperative Distribution of Pure Bred Seeds to Farmers.  
Inspection and Registration of Pure Bred Seeds Grown by Farmers.  
Plant Breeding Tests.  
Field Crops Demonstrations and Extension.  
Effect of Seeding Grain Mixtures on Yield and Rust Infection.  
Sow Thistle Eradication.

#### HORTICULTURE

Variety Testing of Potatoes, Garden Crops and Root Crops for Stock Sugar Beets.  
Plant Disease and Insect Pests Control on Garden Crops, Fruits and Potatoes.  
Cultural Tests of Tree and Bush Fruits.  
Pure Seed Production Work with Potatoes and Garden Crops.

Variety Testing of Tree and Small Fruits, Ornamental Trees and Shrubs.  
Cultural Tests of Potatoes, including Fertilization, Methods of Planting, and Rotation.  
Hardiness Studies of Fruits, Trees and Shrubs.  
Horticultural Demonstrations and Extension.

#### SOILS

Comparison of Various Crop Rotations as Related to Yields, Effect on Physical Character of the Soil, Weed Control, and Profit.  
Influence of Complete Fertilizers on Crop Production.  
Continuous Cropping, vs. Rotation.  
Fallow and Crop Sequence Study.  
Rate of Manure-application tests.  
Effect on Crop Yields, Soil-moisture, and Tilth of Various Soil Management Practices.  
Influence of Various Forms of Phosphate on Crop Production.  
Effect of Legumes in a Crop Rotation.  
Continuous vs. Alternate Cropping to Small Grains.  
Value of Straw-Application.

#### VISITATION PLANS

While bulletins and reports give the facts brought out by this work, the greatest benefit will come from personal visits to the station. Farm clubs, township organizations, village and city groups, school students, and others interested are invited to select a day for making a visit. Such groups and individuals as well may come at any time. Every effort will be made to make the visitors feel at home and to show them the work that is being done. Write to the superintendent or any member of the staff, giving the day you have selected.

#### Prominent Visitors Expected in July.

Dean W. C. Coffey is arranging for a tour to the different stations of the University, in which prominent editors of agricultural papers will take part. The Northwest Station will be visited after the Morris Station has entertained this group. From here they will proceed on to Itasca Park and Grand Rapids.

#### Campus Will be Beautiful.

Complete plans for beautifying the campus have necessarily had to await the completion of other important units of work. It is not too much to say now, however, that it will present a beautiful appearance this summer, if present plans materialize. In addition to testing different varieties of grain, corn and potatoes, a small beginning has been made in testing out fruits, flowers and shrubs for this section of the state. It is expected that many thousands of people will inspect the grounds this year, for the purpose of learning first hand the results attained.

#### PURE SEED PRODUCTION.

Eleven hundred bushels of Mindum (Minnesota No. 470) wheat, 300 bushels of barley, and 200 bushels of oats have been distributed from the Experiment station to cooperators during the past few weeks. Thirty-five growers secured limited amounts of pedigreed Mindum, a leading variety of amber durum wheat, in ten years' trials at this station. Barley varieties disseminated were Improved Manchuria (Minnesota No. 184), Oder-

brucker, and Akers. Minnesota No. 184 barley has been furnished to co-operators in ten counties, namely, Marshall, Pennington, Red Lake, Norman, Polk, Kittson, Beltrami, Koochiching, Becker and Clay. Requests for pure bred seed corn are being received daily and about 200 bushels of fire-dried graded corn of the Northwestern Dent and Minnesota No. 23 varieties will be distributed.

#### Heavy Demand for Seed.

Orders and inquiries for several times the amount of seed grain available were received and although only a limited amount of each variety was furnished to each grower, the supply was soon exhausted. A large number of inquiries were referred to co-operators of past seasons, who were able to furnish seed of the improved varieties, but even this source of supply has been unable to meet the demand and numerous late orders have been cancelled.

The demand for pure bred seed grain and increased interest in the improved varieties of crops indicate the need of more growers in every community to specialize in the production of pure seed grain. Growers who have clean fields of pure bred grain are urged to have these fields certified, in order that their seeds may be listed for sale on pure seed grain lists as certified seeds.

#### Grow Certified Seed.

To be eligible for certification, grain fields need not necessarily be grown from certified seed, but they should be of a pure variety and free from objectionable weeds, admixtures of other grains, varietal mixtures and seed-borne diseases, such as smut, ergot and scab. Certification rules require that grain shall be 95% pure as it grows in the field, be free from seeds of quack grass, cheats, Canada thistle, sow thistle, wild pea and mustard. When prepared for sale, it must contain not more than a trace of mixtures of other grains; for instance, wheat may contain only an occasional kernel of oats or barley. It must germinate 90 per cent or more at the time of sale, and show not more than a trace of weathered, scabby, or otherwise diseased kernels.

#### Fields Must Be Inspected.

Wheat, oats, barley, rye, flax, clover, alfalfa and corn may be certified. Two inspections are necessary; a field inspection during the last three weeks previous to harvest and a bin inspection, after the seed is cleaned ready for sale. These inspections are made for growers in Northwestern Minnesota by a representative of the Minnesota Crop Improvement Association, thru the cooperation of the Red River Valley Soils and Crops Association, of which R. S. Dunham, agronomist at the Northwest Station, Crookston, is secretary. The cost of the field inspection for certification is three dollars, regardless of the size of the field. One dollar of this fee is for membership in the local and state crop improvement associations. The fee for bin inspection is two dollars. Growers who are already members of the Red River Valley Soils and Crops Association may obtain both field and

bin inspections for a total of \$4.50. Inspection fees are intended to pay necessary expenses of the inspection.

Growers who have fields that they wish to have inspected should make application as early as possible, preferably before June 1. Application may be made to R. S. Dunham, Northwest School and Station, Crookston, or to A. D. Haedecke, University Farm, St. Paul. Field inspection fee of \$3.00 (\$2.50 to members) should accompany the application.

#### BOYS' AND GIRLS' CLUB WORK.

The outlook for a successful Boys' and Girls' Club year is very bright, judging by the enrollments reported from northwestern counties to date. Although the enrollment list will not be completed until about June first, one county has already reported over 400 boys and girls enrolled, others are nearing that mark.

The large increase in the number of demonstration teams this year is an indication of added interest in club work. Teams of two and three members are training to demonstrate bread baking, garment making, and cake making in the Home Economics projects. There are also a large number of teams training to demonstrate some phase of the crops and the livestock projects. Miss Schenck, of the Northwest School, will spend the month of May judging the Home Economics demonstration teams. The best teams in Classes "A" and "B" bread baking; classes "A" and "B" garment making; and the best cake baking team in the northwestern section will receive free trips to the Minnesota State Fair this fall. The teams for the free trips will be selected by Miss Schenck.

There will also be selected from the crops and livestock teams several for free trips to the State Fair. Other free trips will be awarded to: The two girls from each county making the best individual records in classes "A" and "B" bread baking; the two boys in each county who made the best record in club work last year (these will be members of the Farm Boys Camp); the boy and girl having the best pure bred pig (gilt) in the county where at least fifteen are enrolled in the project. This trip also includes free transportation charges on the pig to the State Fair, where it will compete for prizes offered by the fair management. The state contest in the dairy calf project will this year be held at the State Fair, instead of at South St. Paul, as in the past two years. The two boys and girls making the best record in the counties where at least ten are enrolled for this project will be awarded trips to the State Fair, where the calves will compete for prizes and other honors. Transportation charges on the calves, however, must be paid by the owner of the animals. Free trips include railroad fare only, except in the case of the two boys to the Farm Boys' Camp, who receive free meals and lodging, in addition to the railroad fare.

The boys and girls who demonstrated at the State Fair last year made a splendid record and are determined that this year's record shall be even

better, thus living up to the club motto of the boys and girls, "To Make the Best Better."

#### FALL TERM OPENS OCTOBER 9th.

The Fall term at the Northwest School of Agriculture will begin Monday, October 9. Classes will begin on Tuesday, October 10. This date will enable the students to help complete most of the fall work on the farm. Those who are earning all, or part, of their school expenses, will also have a longer period of the better paying part of the year to their advantage.

The advanced course will be offered again this coming year for those who wish to continue their education. This course will begin and close at the same time as the regular course. According to present indications the class will be large. Many of last year's students have already sent in their fees for room reservation. A number of new students have also sent in requests for room reservation, and unless something unforeseen occurs, there will be a record attendance for 1922-1923.

There will be only one change in the faculty. Miss Evenson will enter Social Service Work in Minneapolis, and will, therefore, not teach next year. Various improvements will be made in the buildings and campus, to care for the increased enrollment expected. A new lighting system will be secured for the moving picture machine. New apparatus will also be installed in the gymnasium. Each succeeding year sees things done that make the Northwest School a more attractive place to attend, and each succeeding year is therefore better than the one preceding.

#### HONOR LIST.

The following students of the Northwest School of Agriculture were placed on the honor scholastic roll for the second term of the 1921-1922 school year. All received a grade of A in at least three subjects, and were above grade in their other subjects:

##### Advanced:

Henry Nabben, Thief River Falls  
Amos Kasberg, Eldred.

##### Senior:

Arthur Anderson, Jelle  
Richard Aakre, Goodridge  
Lloyd Bolstad, Floodwood  
Iva Dohbdal, Guthrie  
Louis Emerson, Minneapolis  
Inga Folvick, Oslo  
Neva Gibbons, Crookston  
Olga Hanson, Gary  
Norval Hegstad, Haug  
William Johnson, Duluth  
Carl Lindfors, Fosston  
Naime Nansen, Erskine  
Emil Nelson, Clearbrook  
Lloyd Ness, Ada  
Halvor Nornes, Winger  
Jennie Peterson, Stephen  
Oscar Peterson, Clearbrook  
Clayton Stageberg, Floodwood  
Gust Tammy, Iron  
Thelma Torkelson, Stephen  
Minnie Torpet, Fertile

##### Juniors:

Jesse Anderson, Erie  
Earl Anderson, Crookston  
Walter Burk, Brooks  
Clarissa Friday, Hawley  
Julian Halvorson, Ferguson Falls  
Iver Johnson, Crookston  
John Mansfield, Roosevelt  
Johanna Nabben, Thief River Falls  
Adele Raymond, Red Lake Falls

Morris Svendsen, Nielsville  
 Arthur Synnes, Clearbrook.  
**Freshmen:**  
 Garnet Downing, Fertile  
 Mable Ellingson, Waukon, Ia.  
 Allen Gandrud, Detroit.  
 Helen Gibbons, Crookston  
 Judith Hamre, Gary  
 Ella Hegland, Rhoda  
 Chester Johnson, Fergus Falls  
 Bert Johnson, Kratka  
 Lester KenKnight, Clearbrook  
 Lena Kilen, Kratka  
 Thora Lervold, Halstad  
 Elsie Lervold, Halstad  
 Walter Luchau, Gary  
 Henry Mackowiak, Crookston  
 Wallace Miller, Roseau  
 Alma Nelson, Gatzke  
 James Hanson, Twin Valley  
 Arnie Solem, Thief River Falls  
 Marie Strickler, Euclid

**PERSONALS**

Eddie Jensen, Drayton, N. D., will spend the summer with his brother on a farm in Valier, Montana.

Laura Jensen, '20, is attending Crosse Continental College of Dramatic Art, in Minneapolis.

James Felber, '20, is a freshman in the Minnesota College of Agriculture. Mathilda Ofstedal, '14, spent last year in Montana and Oregon.

Harold Sirjord, who attended school in 1918-19, farmed in Saskatchewan, Canada, 1918-1920. "I find Minnesota alright after trying other localities."

Harold Bjorge has been farming near Donaldson since leaving the army in 1919.

Elizabeth Burkhardt, Wabasha, '12, expects to leave for California soon.

Sam Haugen, of Kratka, is planning to return to school this fall.

Leah Stewart, '19, has been teaching at Tolona, Illinois, the past year.

The Camrud brothers are raising pure-bred Herefords at Camrud, Montana.

Mr. and Mrs. Nils Pederson, '13 (nee Teckla Erlandson, '13) have proved up on a homestead at Biem, Montana.

On February 20, 1922, a baby girl arrived at the home of Mr. and Mrs. V. L. Halliday, (Ida Fossbakken).

Helge Krogseng's address is, in care of the American Legation, Christiania, Norway.

Helmer Sjoquist writes from Spy Hill, Sask., Canada "If any of the former students should find themselves out this way, I would appreciate their visiting me."

Grace Swanson, '12, is now a graduate nurse at Upper Marlboro, Maryland.

Ole Torvend, '12, is cashier in a bank in Patterson, California.

Mr. and Mrs. Silas Torvend, '11, (Emma Pederson, '10), are located at Silverton, Oregon. They have a family of two boys and one girl.

Marie Austin, '21, has been teaching near Mekinock, North Dakota.

Thomas Abbott, '18, is managing a dairy herd near Dassel.

Adolph Fadness, Gary, has been raising pure seed. "At present writing," he states, "I am all sold out of both oats and wheat."

Hannah Imsdahl, '16, has been teaching near Hallock.

Mrs. Dan Coarsey (nee Mary James, '14), will move to Bradentown, Florida, in November.

Laura Kjalberg, '22, has been teaching near Wannaska, and will spend the summer in Idaho.

Claude Starr, '16, is raising pure bred Chester White hogs at Colman, South Dakota.

Ruth Cawelti is now Mrs. A. J. Wignes, and her address is Farwell, Minnesota.

"Hello, Folks: Am getting along fine. Often think of Crookston. Own my own home and have a wife to my credit," writes Earl Johnston, who is telegraph operator at Sioux City, Ia.

Eva Swenson, Gary, is assisting in the office of the Register of Deeds at Ada.

Chloe Starr, '16, is teaching in the Indian schools at Onigum.

Peter Pearson, '16, of Warroad, was married October 29, 1921, to Miss Hilda Carlson, of Wannaska.

Esther Bakken, who attended school 1919-1920, was married December 14, 1921, to Theodore C. Gleesing, of Pine-wood.

Martin Boraas, Hallock, is secretary-treasurer of Kittson County Farm Bureau.

Fred Fredrickson, '13, is teaching in Fargo, North Dakota.

Lawrence Floan, '15, has just completed a modern barn on his own farm near Melvin.

Oscar Lund, '16, Flom, is raising pure bred Poland China hogs. He writes: "Am solving the H. C. L. by batching."

Marie Larson, '21, is attending the State Teachers' College at Moorhead.

Mr. H. P. Constans will teach science at the Moorhead High School for the remainder of their term.

Miss Bernice Nolan spent the month of April organizing a course for professional dressmakers at the Crookston Business College, in Crookston.

Mr. and Mrs. Fred LaFave (nee Nellie Anderson, 1917), report the birth of a son, James Ferdinand, on February 26. The Northwest Monthly friends extend congratulations and best wishes.

C. E. Cavett, state director of Vocational education, with headquarters at Lisbon, North Dakota, called at the school on March 16.

Gilbert Huot, '14, who has been with the People's Auto Company at Red Lake Falls, has moved to Thief River Falls to begin his duties as manager for the Thief River Falls branch. His classmates and the readers extend congratulations to Gilbert upon his promotion.

Announcement has been received of the marriage of Selma Nyquist, '15, to the Reverend Herman Schumacher, at her home at Mentor, on April 27. They will be at home at Niagara, N. D.

Announcement has also been received of the marriage of Florence Lindfors, '18, to Martin Christianson, on April 29. They will be home at Erskine.

The classes of '15 and '18, as well as other Northwest Monthly friends, extend their congratulations and best wishes to the newlyweds.

Herbert S. Hinrichs, who was married at Peoria, Illinois, on April 12, to Miss Bess Patton, has arrived at the campus with his bride. He has charge of Farm Motors work and will be at home on the Northwest School campus this summer.

Just about a year ago, Roy A. Sundberg, '14, started to test his purebred herd of Holsteins. During that time 22 cows have made the Advanced Registry on seven days tests. Some yearly records are also being made. In the seven day tests, four cows tested the last of March all made better than 21 pounds of butter; that is better than three pounds a day. One of these cows made 26.85 pounds, her test being 4.1. A year ago she made 19.55 pounds. Another cow that made 20.5 pounds a year ago made 25.13 pounds this year.

The Joe River Farmers Club of Kittson County, is taking up the question of community testing of herds for tuberculosis. At the last meeting, held April 12, President Reid appointed Wm. S. Ash, '16, on a committee to organize the work.

On March 18, Randolph Saugstad, '16, was married to Miss Myrtle Gordon, of Shevlin. They will make their home in Crookston.

Morris Johnson, '14, has completed his course at the Minnesota College of Agriculture, and is now agronomist at the Grand Rapids Experiment Station.

Henry Mueller, '13, visited the school March 14.

**IN MEMORIAM**

Ruth, daughter of Mr. and Mrs. Alfred Anderson, of Halma, passed away at the Deaconess Hospital, at Grand Forks, on March 22. She contracted pneumonia, and after three days' illness it resulted in her death.

She attended the agricultural school during the term of 1917-18, and her many classmates and friends extend their sympathy to her parents and her sister, Esther.

**FOR SALE**

The Northwest Experiment Station, Crookston, will sell three (3) registered Holstein cows, aged 9, 6 and 4 years old, with butter records of 429 lbs., 413 lbs., and 237 lbs., respectively, at very reasonable prices. They are tuberculin tested, from an accredited herd. Also two (2) Holstein bulls, registered, aged 13 and 8 months old; out of dams with butter records of 521 lbs. and 584 lbs., respectively, sired by the former station; sire, a grandson of S. P. O. M. 41st. These bulls will be snapped up at once. One (1) Shorthorn bull calf, white, dropped October 8, last; \$75.00 will buy him. He is a beauty. Seven (7) registered Shropshire yearling rams and the Northwest Station flock ram, Northwest Senator, will also be sold. These 8 are choice individuals.

**FOR SALE:—HOLSTEIN AND SHORTHORN BULLS; A FEW CHOICE SHORTHORN HEIFERS, AND THREE HOLSTEIN COWS. ALL REGISTERED. N. W. EXPERIMENT FARM, CROOKSTON.**