

Northwest School News

Nine issues published annually by the Northwest School of Agriculture, 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.

VOLUME XXX

CROOKSTON, MINN., AUG.-SEPT., 1946

NUMBER 6

NORTHWEST SCHOOL FALL TERM OPENS SEPTEMBER 30

The forty-first year of the Northwest School of Agriculture will open on September 30 with an expected enrollment of more than 400 students. As in the past several years, all school dormitories have been filled to capacity through advance room reservations. Students wanting to enroll, since mid-summer, have had their names placed on the "waiting list" for dormitory rooms. Late summer registrations have been accepted for students who can find off-campus rooms. The new dormitory for girls, which is under construction, will not be ready for occupancy until the beginning of the winter term. Only a limited number of homes and rooming places in Crookston are available to students.

New courses have been added to the curriculum. New subjects added include Economics, Business Law, and Pureseed.

New shop and laboratory equipment has been made available to classes. The laboratory for electric arc and oxyacetylene welding has been rearranged and enlarged and two new electric arc welders have been installed.

A complete staff of instructors has been secured for all regular courses. One additional instructor will be secured for the special "on-the-job farm training program" just as soon as the local demand for the training program justifies the inauguration of the course.

A full program of major and minor sports has been arranged for the fall term. Six football games have been scheduled and cross-country meets will be arranged with schools in the Agricultural School Conference. Wrestling, swimming, basketball, and hockey, other major sports, will get underway late in the fall term.

An excellent program of entertainment has been arranged for the school year including lyceum attractions, movies, and school parties.

Many Improvements Made To Buildings And Grounds

Much necessary improvement work, delayed by lack of help during war years, has been done on the Northwest School campus and Experiment Station during the summer. From two to three years will be required to get all of the necessary improvement and maintenance work done.

The major campus improvement made during the summer has been the construction of the new dormitory for girls. With good fall weather, the

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Football Prospects Good For Successful Season

H. H. Lysaker

Football practice at the Northwest School of Agriculture will start during the last week of September. Letters have been sent out to prospective candidates to report for opening drill. Thirty to forty players are expected for pre-season practice.

Heading the list of thirteen lettermen are six regulars from last year's strong team. These include co-captains Curtis Simmons, left-half, of Crookston and James Muzzy, guard, of Thief River Falls; Ray Johnson, tackle, Alvarado; Maurice Bergh, end, Hallock; Earl Proulx, back, Argyle; and Paul Proulx, guard, Argyle. Other lettermen are Ray Lein, back, Pinewood; Alden Peterson, tackle, Hallock; Armin Ross, end, Fisher; Reinholt Sorenson, tackle, Baudette; James Thibodo, end, Stephen; Orton Christianson, tackle, Winger; and Chester VanRaden, center, Fertile.

The returning lettermen will be hard-pressed to retain their former positions in view of the fact that a squad of sixty-five or seventy will be competing for positions as soon as school opens. A six-game schedule

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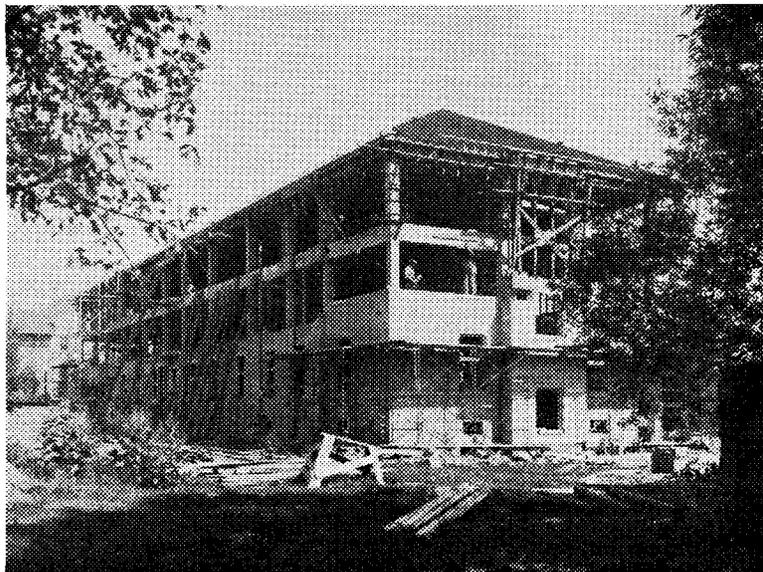
Agricultural Engineers Hold Conference At Northwest School

The Northwest School was host to the agricultural engineers of the University of Minnesota and the superintendents of the regional Experiment Stations at their annual meeting on September 19 and 20.

A total of thirty-one members of staff from the various divisions of the University were present for the meeting. The delegation from the Division of Agricultural Engineering, University Farm, St. Paul, was headed by the chief of the division, A. J. Schwantes. Superintendents and members of staff were from the North Central Station at Grand Rapids and West Central Station at Morris; Superintendent M. J. Thompson represented the Northeast Station at Duluth.

The Thursday evening session on September 19 was devoted to the presentation of drainage and farm engineering projects underway at the Northwest School by Superintendent T. M. McCall and Professors H. W. Soderburg and A. M. Foker. The following program was presented on September 20 by members of the University Farm staff: Farm Home Freezers by Professors Andrew Hustulid and A. M. Flikke, Studies in Utilizing Flax Straw for Fiber by Professor John Strait; Safety Devices for Farm Machines by A. C. Heine; Pro-

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NEW DORMITORY FOR GIRLS—NORTHWEST SCHOOL

Pictured above is the new dormitory for girls which is under construction at the Northwest School. It will be ready for occupancy by the opening of the winter term in January. The dormitory will house 114 girls.

Northwest School News

Issued by

THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE

T. M. McCall, Superintendent
OFFICE

Northwest Experiment Station
Crookston, Minnesota

This publication issued nine times a year, monthly, October through March; bi-monthly, April through September.

Hail Storm Damages Corn Fields

A rain and hail storm of unusual severity did considerable damage to a small strip of land about one-half mile in width across the Northwest Experiment Station on the night of August 14. While hail fell on the entire acreage of the Station, the severe damage was confined to the south half of the farm in which the corn plots and increase fields were located. The small grain which was unthreshed was in the shock. The shattering of grain in the shock was negligible except in the field of Mida wheat where the loss was estimated at five per cent. The damage to the corn in the comparative test of commercial hybrids in field K was, according to Superintendent T. M. McCall, the most severe in his observations of thirty-five years. Tomatoes and vine crops suffered the greatest amount of hail damage of the garden crops.

The Crookston area is singularly quite free from hail damage; however, it appears that in 1946, violent thunder storms with hail were much more widespread in the west north central states than for many previous years.

The Corn Day planned at the Northwest Station in late September was cancelled due to the severity of the hail damage. A part of the demonstration field of commercial varieties will be saved for harvest records. Records will also be taken on the corn variety plots.

RECOMMENDED VARIETIES OF CROPS

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lowest yielder but it is 5.3 bushels above Gopher.

Similar data could be given for the rest of our farm crops. The Experiment Stations are working to improve the crops and crop yields, but unless the data is used the crop producers do not receive any benefit. Does it pay to plant Thatcher when the new recommended varieties may yield 1.9 to 5.9 bushels more; when the recommended varieties of oats yield 5.3 to 13.3 bushels more than Gopher? These figures may be convincing but in 1944, twelve per cent of the farmers in Minnesota were still seeding Thatcher wheat, and a larger number were seeding Gopher oats.

The answer to these questions can be found in the recommended varieties.

PLAN TO ATTEND HOMECOMING
NORTHWEST SCHOOL, OCTOBER 26

Recommended Varieties of Crops

O. C. Soine

What are recommended varieties? Does it pay to plant these varieties? These questions are asked many times by people in agriculture. Recommended varieties of the major farm crops have been carefully tested and tried out under field conditions from six to eight years before they are released. During this period a large host of data is collected which gives accurate information about the yield, reaction to disease, maturity and adaptability. If a variety of wheat, for example, proves to have better yielding ability, better resistance to rust, smuts, stands up well, and has better baking and milling qualities than the present varieties, it is put on the recommended list. This variety of wheat has six to nine years of data back of it. We know just how it will react to stem rust, leaf rust, or loose smut.

During this past season, our trials here at the Northwest Station included forty-three varieties and strains of wheat, forty-nine of barley, twenty-five of flax, twenty-five of oats, and fourteen of soybeans. Out of this large number of varieties tested, only a few may prove to be successful.

In answer to the second question, the following yield record is given. The yields are averages for the past four years.

Wheat Variety Tests	Four-Year Average Bu. per Acre
Thatcher	28.6
Pilot	32.1
Rival	31.5
Regent	30.5
Mida	34.5
Newthatch	32.0

Thatcher, of the wheat varieties named, is the only variety not on the recommended list because it is very susceptible to leaf rust. During seasons of severe rust epidemic, the yields are greatly reduced. You will notice that Mida has the highest yield which is 5.9 bushels greater than Thatcher; Regent has the lowest yield of the recommended varieties, but it is 1.9 bushels greater than Thatcher. It is for this reason that Thatcher was removed from the recommended list.

Perhaps we should look at another crop to be sure the recommended varieties are better. The following table gives a three-year average yield of oats.

	Three-Year Average Bushels per Acre
Gopher	61.4
Vicland	66.7
Tama	68.1
Bonda	69.5
Mindo	74.7

All of the above varieties except Gopher are recommended. Gopher is susceptible to stem and crown rusts and the smuts and these factors account for the lower yields. Mindo has the highest yield which is 13.3 bushels above Gopher; Vicland is the

(continued in col. 1)

Frozen Food Locker Meeting Held September 17

A meeting of managers and operators of frozen food lockers of Northwestern Minnesota was held at the Northwest School on September 17 with an enrollment of forty-one. The meeting was arranged through the cooperation of the Northwest School, State Department of Dairy and Food, and the Agricultural Extension Division of the University of Minnesota.

The morning program was devoted to a discussion of refrigeration and sanitation problems with F. D. Lehman of the Frigidaire Corporation, St. Paul, and Henry Hoffman, chief chemist of the State Department of Dairy and Food, St. Paul, as speakers. C. M. Pesek, inspector of the State Department of Dairy and Food, presided at the morning session. Subjects presented at the afternoon meeting were preparation of meat for freezing, curing, and smoking by P. A. Anderson, meat specialist of the Division of Animal Husbandry, University Farm, St. Paul, and locker plant management by W. H. Dankers, extension economist, University Farm, St. Paul. Superintendent T. M. McCall presided at the afternoon meeting. The meat locker operators voted to meet again early in September 1947.

Minn. No. 1 And Minn. No. 2 Swine Attract Nation- Wide Interest

The swine breeding program in Minnesota, in which the Northwest Experiment Station is a cooperator, is attracting nation-wide interest of swine men. The formal introduction of the new Minnesota No. 1 swine as a breed was held at the North Central Experiment Station, Grand Rapids, on August 24. Speakers for the occasion were former president of the University of Minnesota, W. C. Coffey, Dean C. H. Bailey, and Dr. L. M. Winters. An organization, the Minnesota Inbred Livestock Registry Association, was formed at the meeting for the registry of the Minnesota No. 1 swine from the North Central Station, the Minnesota No. 2 swine from the Northwest Station, and such other new crossbred strains of livestock as are formed.

A number of Canadians, who were reviewing the work of the Regional Swine Breeding Laboratory work in Iowa and Minnesota, visited the Northwest Experiment Station on September 13. The visitors viewed the work being done at the station in the Minnesota No. 2 hog breeding program. Those in the group who were from the Department of Agriculture, Ottawa, Canada, included A. W. Peterson, chief of the Livestock and Poultry Division, Production Service; J. G. LeFebvre, supervisor of Advanced Registry for Swine Production Service; E. B. Frazer, assistant in swine, Division of Animal Husbandry; J. G. Stohart, animal husbandman—swine, Experiment Farm Service; and H. E. Wilson, assistant superintendent of the Dominion Experiment Station, La-

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Homecoming Scheduled For October 26

Homecoming festivities at the Northwest School are scheduled to begin on Friday evening, October 25, preparatory to the West Central-Northwest Aggie football game scheduled for Homecoming day on October 26 at 2:00 P.M.

The Homecoming celebration will start with the torchlight parade on Friday evening. The traditional torchlight parade will end at the huge bonfire and "pep" meeting south of the athletic field. A special Homecoming assembly will be held in the school auditorium on Saturday, October 26, at 11:30 a.m., and many novel entertainment features will be presented at the assembly program. The West Central football squad, its coaches and members of the faculty, will be guests at the assembly program, the Homecoming banquet in the dining hall at 6:00 p.m., and at the evening entertainment program. The Homecoming dance and party in the evening will conclude the festivities for the day.

Seven Cross-Country Lettermen Returning

H. H. Lysaker

Coach E. F. Bennett expects another Ag School championship at the Northwest School from the seven lettermen returning for the cross-country team. Dual meets will be arranged with Morris and Grand Rapids with the Conference meet being held at the latter school.

Heading the list of lettermen are co-captains Reuben Hanson of Trail, and Adolph Hapka of Argyle. Other returning lettermen are Donald Steinhauer of Holt, Harvey Degerness of Gary, Orvin Stubstad of Barnesville, and Conrad Wiger of Ulen.

Address Changes Wanted

The Northwest School wants names and addresses of former students and alumni who are now in the armed forces of the United States and also the names and addresses of those discharged from the various branches of military service. Since the close of the war, many "unclaimed" copies of the Northwest School News are being returned to the school each month from our armed forces mailing list. We are soliciting the help of parents and relatives of service men and women to keep our mailing list up-to-date. Send information to Superintendent T. M. McCall, Northwest School, Crookston, Minnesota.

MINN. NO. 1 AND MINN. NO. 2 SWINE ATTRACT NATION-WIDE ATTENTION

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combe, Alberta, Canada. They were accompanied on their visit by Dr. W. A. Craft, director of the Regional Swine Breeding Laboratory, Ames, Iowa, and Dr. L. M. Winters of University Farm, who is the leader of the Minnesota Experiment Station swine breeding work.

New Staff Members Appointed

Carl F. Jesness of Fosston, Minnesota, has been appointed as instructor in Science to fill the position held by A. O. Nordvold last year. Mr. Jesness received his honorable discharge from the Army in August of this year after three years of service. He received his undergraduate training at the University of Minnesota, Oceanside-Carlsbad Junior College of California, and received his degree from the Bemidji State Teachers College in 1943. During the year, he will be teaching Chemistry, Physics, General Science, and Mathematics. Mr.



C. F. Jesness

Jesness will live in Stephens Hall and serve as faculty counselor to boys in that dormitory.

Miss Marjorie



Marjorie Anderson

serve Nurses Corps.

ALICE M. ANDERSON, ENGLISH INSTRUCTOR

Miss Alice M. Anderson of Lowry, Minnesota, has accepted the position as instructor in English I and Dramatics to succeed Miss Marie Ruth Fast. Miss Anderson comes to the Northwest School with an excellent background of training and experience. She is a graduate of Gustavus Adolphus College and has later taken special and graduate work at McPhail School of Music and the University of Minnesota. She has taught at Lapeer, Michigan, and Cass Lake, Farmington, and Robbinsdale, Minnesota. In addition to her work in English, Miss Anderson has coached class plays, conducted orchestras, and taught physical education for girls.

Resignations

Miss Marie Ruth Fast, instructor in English and Dramatics during the past two years, has resigned her position to do Foreign Missionary work. Miss Fast has had her application in for foreign service with the Mennonite church. Her application was approved and she was assured during the summer of a definite assignment abroad. In a recent letter to the school, Miss

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Regulations Governing Homecoming Dance And Party

The following regulations governing attendance at the annual Homecoming dance and party at the Northwest School will be enforced on Saturday evening, October 26: Admission to Homecoming dance and party for alumni shall be by guest ticket only. To be eligible for a guest ticket, the applicant must be a three-year or four-year graduate of the Northwest School. Exception to the rule is made this year for former students and graduates who are "on leave" from the Armed forces of the United States; such men, if in uniform, will be guests of the school at the football game and evening parties.

The Homecoming committee reserves the right to refuse admission to those who do not properly qualify. Those in attendance must conform to rules and regulations of the Northwest School campus. Upon presentation of the guest ticket, the prevailing admission charge will be made.

Send in your request for guest ticket to Homecoming Committee, Northwest School, Crookston, Minnesota.

MANY IMPROVEMENTS MADE TO BUILDINGS AND GROUNDS

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contractor expects to complete the grading and construct the walks around the building before freezing weather. The landscape planting of the area around the building will be done in 1947.

Building improvements include the painting of cottages, beef and swine barns, reroofing brooder house and superintendent's cottage, and redecoration of rooms in Senior Hall.

The greatest improvement made at the Experiment Station has been the completion of the drainage ditch project. Supplemental drainage work has been done by the School and Station in cooperation with other petitioners in the cleaning of Polk County Judicial ditch No. 60 which serves as an outlet to the Northwest Station drainage system.

AGRICULTURAL ENGINEERS HOLD CONFERENCE

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gress Report on LeSueur Drainage Project by Professor P. W. Manson; and an address by Associate Director H. Macy. Following the formal program, a tour was made of the Experiment Station. The conference group concluded its session with a tour of agricultural engineering projects in the Crookston area. The tour included an inspection of the Red River Alfalfa Dehydrating plant of Crookston, sugar beet harvesters at the N. P. Stone Company and the V. M. Gibbons and Louis Cournia farms. The tour was concluded with an inspection of potato warehouses and processing plants in the Grand Forks and East Grand Forks areas.

NORTHWEST SCHOOL BRIEFS

News Regarding Northwest School Alumni and Former Students:

***NEW ADDRESS: Sgt. Kenneth Price 17185084, Btry. A. 322nd A.A.A., A.W. Bn., Fort Bliss, Texas.

***NEW ADDRESS: Col. Martinus Stenseth, Hqrs. A.A.F., Pentagon Bldg., Washington, D.C.

***Roland Wentzel will enroll at California Polytechnic School, San Luis Obispo, California.

***NEW ADDRESS: Paul W. Auer, C.Q.M., U.S.N.; U.S.S., L.S.T. 827 c/o Fleet Postmaster, San Francisco, California.

***Helen Smeby will attend Luther College at Decorah, Iowa, this year.

***Mr. and Mrs. Joseph Skatvold visited the Northwest School campus on August 11. Mr. Skatvold is employed as maintenance engineer at the Conn Instrument Company. Mr. Skatvold and his family make their home at Elkhart, Indiana.

***Miss Ona M. Scheidler, former instructor at the Northwest School, has given her new address as follows: Post Schools Headquarters, A.P.O. 957, c/o Postmaster, San Francisco, California.

***S/Sgt. Herbert Johnson is on terminal leave pending discharge from military service in October. Sgt. and Mrs. Johnson (Jean Halliday) visited the Northwest School campus on September 11. He recently returned from Japan where he had been with the occupation forces.

***Henry Becker is enrolled as a student at St. Ambrose College at Davenport, Iowa.

***Mr. and Mrs. Orville Hovelson are making their home at Kanawha Iowa.

***Sgt. Harold W. Anderson of Argyle received his honorable discharge from military service in August. He recently returned from Germany as a member of the occupation forces.

***Theodore Kroulik received his honorable discharge from the U.S. Naval service on August 22. His address is Stephen, Minnesota.

***Duane Moen, who has been attending the summer session at the University of Minnesota, will also enroll for the fall term to continue his studies.

***Richard Radway is now living at Hinckley, Minnesota, where he is serving as county extension agent.

***Mr. and Mrs. Selmer L. Johnson (Wilma Coss) and son Gregg Robert visited the Northwest School campus on September 10. They are making their home at Spokane, Washington.

***Mr. and Mrs. C. G. Selvig of Santa Monica, California, spent the month of August and early September at their former cottage at Cass Lake, Minnesota. While in Minnesota they spent a few days at the Northwest School as guests of Superintendent and Mrs. T. M. McCall. Mr. and Mrs. George Selvig of New York City also spent one day at the Northwest School campus. Mr. Selvig was superintend-

ent at the Northwest School and Station, 1910-27.

***NEW ADDRESSES: Norman Ray Moses A/S, Co. 289, U.S.N.T.C., San Diego 33, California . . . Stanley Brandt, CM and 2nd Bn. ARD, Casual Co. 7, San Francisco, California . . . PFC Donald Woodstrom 37809053, Hdq. and Hdq. Sqd, 48th Sos Grp., A.P.O. 845, C/o Postmaster, Miami, Florida, Box 401 . . . Cpl. Gene E. Johnston 37803418, 2nd Radio Sqd. Mobile "G", A.P.O. 757, c/o Postmaster, New York, N.Y. . . . Cpl. John Calmer Johnson 37891251, Hg. 1385th A.A.F., B.V., A.P.O. 858, c/o Postmaster, New York, N. Y.

***Edson Washburn, Jr. is living at Elsinore, California.

***Anne Sorensen, who served for two years as a WAVE in the U.S. Navy, received her honorable discharge in April. This fall, she will enroll as a Junior in the College of Home Economics, University Farm, St. Paul. She visited the campus on September 14.

***Fred Sorenson received his honorable discharge from the U.S. Navy in July. He is living at Baudette, Minnesota.

***Mr. and Mrs. Kenneth Flom (Grace Warne) are now living at 61 So. St. Albans, St. Paul 5, Minnesota.

MARRIAGES

***Ruby H. Breiland to H. Eugene Sollenberger on Saturday, July 29, at Chambersburg, Pennsylvania.

***Margaret Parsons to Robert Coulter on July 27 at Los Angeles, California. They will make their home at 719 West Santa Barbara Avenue, Los Angeles 37, California.

***Grace Parfeneo to Philip Hegreberg on May 19. They are making their home at 54 Parmelle Avenue, New Haven 11, Connecticut.

***Barbara Stilwell to Donald LaPlante on September 22 at Berkeley, California. They will make their home at 1025 Pomona Avenue, Albany 6, California.

***LaVonne Swenson to Winton Wenner on September 3 at Roseau, Minnesota. They will make their home at Roseau.

***June Ganyo to Iden James Magnusson on August 15 at Roseau, Minnesota. They will make their home at Roseau.

***Irene Reitmeier to Louis Ivanca on July 31 at Hibbing, Minnesota. They will live in Hibbing.

***Florence E. Altepeter to Edward Zemyan on July 17 at Detroit, Michigan.

BIRTHS

***To Mr. and Mrs. Fred Sorenson at Baudette, Minnesota, a son on July 4.

***To Mr. and Mrs. George Brandt (Esther Ruebke) a son, Robert Bernard, on August 5.

***To Mr. and Mrs. Melford Peterson (Evelyn Bierbaum) of Crookston, a daughter, on August 2.

***To Mr. and Mrs. Howard C. Newell (Cora Dalager) of Columbus, Ohio, a son, on August 28.

***To Mr. and Mrs. Orville Moritz (Rosella Ecklund) of Kennedy, Minnesota, a son, Darrell Bruce, on September 3.

***To Mr. and Mrs. Marvin Bedard of Lake Bronson, Minnesota, a daughter, Karen Rae, on September 10.

MR. AND MRS. C. G. SELVIG HONORED

A tea was given by Mr. and Mrs. Paul E. Miller of University Grove, St. Paul, on Sunday afternoon, September 15, in honor of former Superintendent and Mrs. C. G. Selvig, now of Santa Monica, California. The tea was the occasion for bringing together former Northwest School staff members and Crookston friends of the Selvigs who are now residing in the Twin City area. The guest list included the A. A. Dowells, J. P. Bengtsons, A. J. Kittelsons, H. A. Pflughoefts, R. S. Dunhams, E. R. Clarks, Lula Casselman McMurchie, Mrs. Lucille Halliday Swain, G. E. Youngquists, Andrea Stephens Espe, Merriam Stephens, former President and Mrs. W. C. Coffey, Dean and Mrs. C. H. Bailey, Regent and Mrs. J. S. Jones, the A. D. Stedmans, and Superintendent and Mrs. T. M. McCall.

The host Mr. Paul Miller, now director of the Agricultural Extension Division, was formerly superintendent of the West Central School at Morris while Mr. Selvig was superintendent at the Northwest School.

FOOTBALL PROSPECTS GOOD FOR SUCCESSFUL SEASON

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has been arranged for the first team with tentative games for the "B" team.

1946 Football Schedule

October 5—Warroad, here; October 12—Roseau, there; October 18—Park River Aggies, there; October 26—Morris Aggies, here (Homecoming); October 29—Fosston, there; November 1—Mahnomon, here; November 8—Cathedral, here.

NEW STAFF MEMBERS APPOINTED

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Fast indicates that her call has been postponed until midwinter.

A. O. Naplin, former instructor and home project supervisor on military leave last year, resigned from his position at the Northwest School. Mr. Naplin has an established business in Crookston. In addition to his soft water service, he has secured the agency for a full line of electrical home appliances.

A. O. Nordvold, instructor in Science and Mathematics at the school last year, has moved to Zumbroata, Minnesota. He has gone into partnership with his brother in the operation of the home farm.