

# Northwest School News

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Crookston, Minnesota, June-July, 1954

NUMBER 4

## Crops Day Scheduled For July 22

Crops and Soils Day will be held at the Northwest School and Experiment Station on July 22. New disease-resistant varieties of crops in breeding and increase plots can be seen on the field tour in comparison with standard varieties of wheat, oats, barley, and flax, and potatoes and garden crops.

A full day's program has been arranged. A meeting of the Red River Valley Crops and Soils Association will be held in conjunction with Crops and Soils Day. Peter Schirrick of Red Lake Falls, president of the Association, has called a meeting of the association for 10 a. m. A tour of the swine and poultry projects will be conducted at 10:30 a. m. Coffee and cream will be served for families bringing picnic lunches. Tours and a motion picture program have been arranged for women and children.

The regular Crops Day program will be held at 1:30 p. m. at the picnic grounds on the school campus. Speakers will include H. J. Sloan, director of the Institute of Agriculture, and J. J. Christensen, head of the Department of Plant Pathology and Botany, both of the Institute of Agriculture, University of Minnesota, St. Paul. Representatives of the Departments of Soils, Agronomy, Entomology, and Horticulture, all of the Institute of Agriculture, University of Minnesota, St. Paul, and representatives from the State Department of Agriculture will also be present for the open forum discussion following the field tour.

The field tour will follow immediately after the 1:30 p. m. speaking program. T. H. Fenske, assistant dean of the Institute of Agriculture, University of Minnesota, will be moderator at the open forum. Exhibits and discussions of insect pests will also feature the discussion program. New items of interest on the crops tour will be the work in chemical control of weeds including wild oats and the work with new fertilizing materials. Specialists from the Institute of Agriculture, University of Minnesota, St. Paul, will assist Northwest School staff members with the field tours. O. C. Soine, agronomist, and B. C. Beresford, horticulturist, of the Northwest School and Experiment Station, will serve as leaders of the tours.

## 771 Club Members Attend 4-H Week

A total of 771 boys and girls, members of 4-H clubs in the Red River Valley counties, attended the 4-H Club Week held at the Northwest School of Agriculture, June 21-25.

4-H members from counties south of (continued on page 3, col. 3)

## Alumni Reunion, June 26; '29 Class Has Anniversary

More than 200 alumni and former students were present for the annual alumni reunion at the Northwest School on Saturday, June 26. Theodore Aas, now of Los Angeles, California, received the prize for the alumnus coming the greatest distance. Mr. and Mrs. Perry Brantner of Georgetown were awarded the prize for the most recently married couple at the reunion dance, and Mrs. Ray Eggert (nee Marie Bernath) of Beltrami, class of 1928, received the award for being a member of the oldest class present at the business meeting.

Ten members of the 1929 class, their families, and class advisers Miss Retta Bede and J. W. Mlinar, had their silver anniversary reunion supper in the Aggie Inn. Mr. Mlinar, now of Coronado, California, made a special trip to Minnesota for the class reunion.

Perry Brantner of Georgetown, vice-president of the Northwest School Alumni Association, presided at the business meeting of the Association; Mrs. Evelyn Bain Erickson of Baudette gave the secretary-treasurer report. Superintendent T. M. McCall addressed the Association at the business meeting.

New officers elected for two-year terms were Wilford Dostal of Angus, vice-president, and Marlys Eftefield of Stephen, treasurer. Officers whose terms expire in 1955 are Wm. Ash, Jr., of St. Vincent, president, and Mrs. Rodney Webster, St. Vincent—secretary.

## Stem Rust Menaces Grain Crops

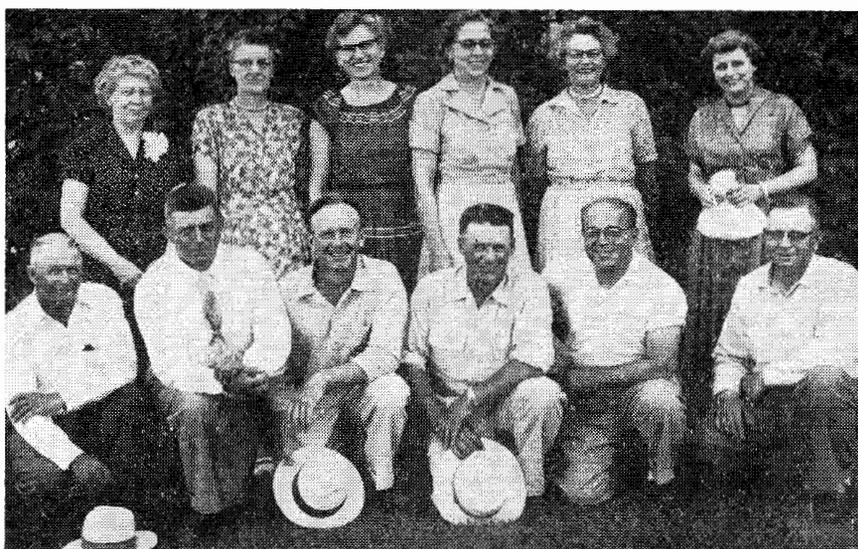
OLAF C. SOINE

Black stem rust is again developing rapidly in this area and looms as a threat to the small grain crops of wheat, barley, and oats. Several reports from various sources indicate that the damage from stem rust again this year will be similar to the damage of last year. We may expect more damage in this general area because our grain crops are late.

Conditions are now favorable for an epidemic for rust in this area at the present time. The crops are approximately two weeks later than last year and the stand is very heavy and lush. The heavy dews that we have been having lately are very helpful for the growth of rust. The hot humid weather is also ideal for a rapid build-up of this disease.

Race 15B seems to be the leading race which is attacking the spring wheat crop. This race, however, does not attack barley or oats. The durum wheats are especially hard hit at the present time and damage again will be severe. The early seeded spring wheat does not show too much rust damage at the present time, but will develop rapidly within the next few days.

Some of the varieties of barley are very heavily infected with rust at the present time, especially Montcalm. (continued on page 2, col. 2)



Members of 1929 Class Attending Their Silver Anniversary

Members of the 1929 class of the Northwest School, with their class advisers, are pictured above. They attended the Silver Anniversary of their class at Alumni Reunion on June 26. Reading from left to right: First Row—Fordyce Larson, Mervin Hough, Robert Larson, Emmet Olson, J. W. Mlinar—class adviser, and Winton Knutson. Second Row—Miss Retta Bede, class adviser; Mrs. (Evelyn Bain) Erickson; Mrs. (Evelyn Bierbaum) Peterson; Mrs. (Sanna Hanson) Brovold, Mrs. (Mabel Fletcher) Randall; and Mrs. (Hazel Stephenson) Halvorson.

### Northwest School News

Issued by  
THE UNIVERSITY OF MINNESOTA  
NORTHWEST SCHOOL OF  
AGRICULTURE

T. M. McCall, Superintendent  
Northwest Experiment Station  
OFFICE  
Crookston, Minnesota

This publication issued six times a year;  
bi-monthly.

## Women Enjoy Camp Program; Officers Elected

Closing exercises for the 29th annual Women's Camp at the Northwest School of Agriculture were held on Thursday, June 17. Seventy-seven women were in residence at the school for the camp, June 14-17. Visiting delegations of women from Averill, Brooks, East Grand Forks, Beltrami, Fertile, Fisher, Halstad, and county home agents from nearby counties brought the total attendance to 160.

Mrs. Ella Anderson of Crookston had the all-time attendance record of 27 years. Women with attendance records of 20 years or over included: Mrs. C. H. Roholt, Mayville, N. Dak., 26 years; Mrs. C. D. Chandler of Euclid, and Mrs. John Patenaude of Crookston, each 20 years.

Camp members who received the four-year certificates of attendance were Mrs. Mary Davis, Grand Forks, N. Dak.; Mrs. Emil Dyrud, Newfolden; Mrs. Arthur Grandstand, Viking; Mrs. John Hafsten, East Grand Forks; Mrs. Jens Jensen, Underwood; Mrs. Harold Kagg, Viking; Mrs. Conrad Melo, Newfolden, and Mrs. Louis Plante, Crookston.

Officers of the Women's Camp elected for the 1955 camp are: Mrs. Ole Johnson, Stephen—president; Mrs. Anton Pulkrabek, Angus—vice-president; Mrs. Marvin Nilson, Twin Valley—Secretary; Mrs. Merle Schenck, Baker—treasurer; and Mrs. Thomas Fixter, Thief River Falls—sergeant-at-arms.

## STEM RUST MENACES GRAIN CROPS

Olaf C. Soine

(continued from page 1)

Vantage and Kindred are fairly resistant and show little infection.

In oats, Race 7 and 8 appear to be developing and these two races caused severe damage last year. The early seeding of oats will escape serious injury, but the later seedings probably will not.

Farmers in this area will be interested in watching the performance of Selkirk, a new Canadian wheat which was released to growers this spring. This variety is resistant to race 15B at moderate temperatures and last year performed very well, showing little damage from stem rust. This variety is susceptible, however, at temperatures above 85°. If our present temperatures of 94° continue, we may expect some stem rust to be developing on Selkirk. At the present time, this variety appears relatively free from stem rust. Another variety, called Willet, developed at University Farm, St. Paul, has very good resistance to Race 15B. We have a small increase of this variety and at the present time it is free from rust.

A new variety of oats which will be interesting to observe this year is Rodney, a new oat from Canada. This variety is resistant to both Race 7 and 8 of stem rust. It is a late maturing variety and at the present time appears free from any stem rust.

Leaf rust is developing very rapidly, especially on the spring wheats and appears to be as damaging as it was last year. All of our varieties of spring wheat are susceptible to leaf rust except Lee. This disease is not as damaging as stem rust, but does lower the yield of wheat.

The next two weeks will be critical as far as our grain crops are concerned and will determine the yield of our crops (7-13-54)

## Two Retiring Staff Members Of NWS Honored

Two retiring staff members of the Northwest School and Experiment Station received honors at the University of Minnesota, Minneapolis, on June 4.



A. M. Foker

The ceremonies honoring 62 retiring employees of the University were held in the main ballroom of the Coffman



Miss Bedard

Memorial Union on the University campus. Superintendent T. M. McCall was also present for the program and reception. Miss Bedard, who has been a staff member for thirty-eight years, expects to continue her home in Crookston and resides in an apartment in the Fortier Block.

## Staff Members Honored On Silver Anniversary

A "get-together" pot-luck supper of Northwest School and Experiment Station employees and their families was held at the Aggie Inn on the school campus on the evening of June 17, honoring staff members who celebrated their silver wedding anniversaries during June. The honored guests were Mr. and Mrs. E. N. Reiersgord and Mr. and Mrs. Juel Torvi.

Superintendent T. M. McCall presided at the informal program and presented the silver anniversary plaque. Anniversary recognition cups and certificates were presented to the honored couples by members of the entertainment committee consisting of H. D. Fausch, H. H. Lysaker, A. M. Foker, and Mrs. B. C. Beresford. Silver anniversary gifts from the employees were presented to the honored guests by Mrs. H. W. Sonderburg and Miss Lillie Huot, members of the gifts committee. Other members of the gifts committee were Mrs. H. D. Fausch, Mrs. A. J. Anderson, and Mrs. T. M. McCall. The foods committee included Mrs. Wm. Barron, Sr., Mrs. A. M. Pilkey, Mrs. H. H. Lysaker, Miss Retta Bede, Mrs. Nick Boerger, and Mrs. Myrtle Brown.



Pictured above are the newly-elected officers of the Women's Camp of the Northwest School, who were elected to serve for the 1955 Women's Camp. Reading from left to right: Mrs. Anton Pulkrabek, Angus—vice-president; Mrs. Marvin Nilson, Twin Valley—secretary; Mrs. Merle Schenck, Baker—treasurer; Mrs. Thomas Fixter, Thief River Falls—sergeant-at-arms; and Mrs. Ole Johnson, Stephen—president.

## Now They've Made the No. 3's

HOMER D. FAUSCH

I was at the Rosemount Agricultural Experiment Station on July 2 for the annual meeting of the Inbred Livestock Registry Association. This is the organization which registers the new inbred breeds of hogs, such as the Minnesota No. 1's, and 2's, the Montana No. 1 and Beltsville 2's, etc.

The Minnesota No. 1 is still considered the most valuable hog in America. The reason for this is that the Minnesota No. 1 is a better combiner in crosses with other breeds of hogs than any other breed we have or that has been formed in the last few years. When we say it is a better combiner, that means that the crossbred pigs are faster gainers on less feed and there are more pigs in the litter on the average when No. 1's are used. Also, the No. 1's cross favorably with more breeds than any other hog.

The best breed to use in crosses with the Minnesota No. 1 is the Minnesota No. 2. This conclusion has been reached after more than ten years of crossing experiments. The No. 2's are notable in crosses in that they make a lean carcass crossbred, one with a heavy loin and a full meaty shoulder. The No. 1 contributes extra length and a full ham to the cross and also a very trim jawed head. This is the meat type hog for which everybody has been searching. We have the meat type hog in the Minnesota No. 1 x No. 2 crossbred. In actual carcass cut out tests last year, we found that the 1 x 2 hog carcass graded prime or top-grade by Canadian standards in over 70 per cent of the carcasses. I do not think there is any other hog which can meet this standard.

Now they are developing the Minnesota No. 3 hog to cross with the Minnesota No. 1 and No. 2's. We need another inbred to use with the 1's and 2's in three-way or rotational crosses. The Minnesota 3 is still in the development stage. The third crop of "3's" were farrowed this spring. It will be a few years before the females of this breed are released for commercial use.

The Minnesota No. 3's were developed primarily from hogs of European breeding; namely, the Welsh hog, Gloucester Old Spot, and the Large White. Boars from these breeds were used in crosses with the Minnesota No. 1's and No. 2's before the breeding of the No. 3's was started. It was found that these breeds cross well with the 1's and 2's so it is anticipated that the 3's also will cross very favorably with our Minnesota breeds.

The 3's like the 1's and 2's is being developed exclusively for performance and economy of production. Such factors as rate of gain, economy of feed utilization, size of litter, sexual vigor, and mothering ability are being selected for in the development of the line. It will be another superior breed of hogs. It has been done twice at Minnesota and we expect that it can be done again.

## New Staff Members Begin Duties At Northwest School

Mrs. Myrtle Brown of Ortonville, Minnesota, has been appointed as Principal Food Service Supervisor and Instructor to succeed the late Elsie Kingston. Mrs. Brown assumed her duties at the Northwest School on June 1 and directed the food service at the Dining Hall during Women's Camp and 4-H Club Week.

Mrs. Brown completed her undergraduate training at the Bemidji State Teachers College. After teaching in the public schools for a number of years and receiving her Lifetime Certificate, she established the Brown's Cafe at Ortonville which she operated successfully for nine years. Her educational training and successful business experience make an excellent background for her position at the Northwest School. Mrs. Brown, whose period of employment is a nine-months year, will return to the campus on September 1.



Mrs. Brown

Eugene C. Miller has been appointed to fill the position held by A. M. Foker who reached retirement on June 30. He began his duties on July 1 and will serve as head of the Agricultural Engineering Department and superintendent of buildings and grounds. A former staff member of the Southern School of Agriculture at Waseca, Mr. Miller received his Bachelor's Degree in Industrial Arts at the Stout Institute, Menominee, Wisconsin, and his Master of Arts Degree from the University of Minnesota. He is a licensed pilot, and for a number of weeks prior to his coming to the Northwest School, he directed the aerial spraying program for the Bird's Eye



E. C. Miller

Canning Company in southeastern Minnesota.

Mr. and Mrs. Miller are residing on the school campus and have two children, Eugene, Jr., who is eight years of age, and Elizabeth Ann, six years of age.

## Farewell Dinner Given For Retiring Staff Members

A farewell recognition party was given on July 6 by Northwest School and Experiment Station employees and their families for Mr. and Mrs. A. M. Foker and Miss Kate Bedard. Miss Bedard and Mr. Foker retired from University service on June 30.

The party was held as a pot-luck supper with eighty-five present for the occasion. An enjoyable program of entertainment was provided consisting of music by a "you-can't-stump-us" instrumental quartet and humorous gift presentations. Members of the quartet were Mrs. O. C. Soine, pianist; Mrs. Henry Vietor, accordion; H. H. Lysaker, clarinet; and Ronald Vietor, guitar. H. D. Fausch served as master of ceremonies for the fun program.

Tribute to the retiring staff members for their long-time and efficient service was given by Superintendent T. M. McCall. The gift for Miss Bedard from the employees was presented by Mrs. A. J. Anderson; Mrs. H. D. Fausch presented the gift from the employees to Mr. and Mrs. Foker.

Committee members for the farewell party were: Entertainment—H. D. Fausch, chairman; H. H. Lysaker, Mrs. B. C. Beresford, H. W. Soderburg and E. N. Reiersgord; Gifts—Mrs. H. W. Soderburg and Mrs. H. H. Lysaker, co-chairmen; Miss Lillie Huot, Mrs. H. D. Fausch, and Mrs. A. J. Anderson; Foods and Decorations—Mrs. Wm. Barron, chairman; Mrs. O. C. Soine, Mrs. E. N. Reiersgord, Miss Retta Bede; Mrs. Myrtle Brown, and Mrs. E. W. Radke.

## 771 CLUB MEMBERS ATTEND 4-H WEEK

(continued from page 1)

West Polk attended 4-H Club Week June 21-23; club members from the counties north of and including West Polk attended club week June 23-25.

In addition to the Northwest School faculty, a total of twenty-eight county agricultural agents, county home agents and county 4-H club agents gave instruction to 4-H club members during the week. Harold K. Anderson, district 4-H club supervisor, and Miss Evelyn Harne, state 4-H club agent, of the 4-H Club Department, Agricultural Extension Division, University of Minnesota, St. Paul, were 4-H Club Week leaders.

Regional contests in one-act plays, better grooming, and music were features of the evening programs during the week.

At the awards assembly, held for each group of counties on the last day of camp, prize-winning certificates and ribbons were awarded in the Better Grooming, Music, and One-Act Play contests. Certificate awards were presented to the Blue Ribbon award winners in the contests and Ribbon awards were made to all individuals and groups which ranked in the Red Ribbon class.

**PLAN TO ATTEND  
CROPS AND SOILS DAY  
Northwest School and Experiment Station, Crookston  
Thursday, July 22**

## NORTHWEST SCHOOL BRIEFS

### \*\*\*News Regarding Northwest School Alumni and Former Students:

\*\*\*Kent O. Hanson, Hallock, received his Degree of Doctor of Medicine from the University of Minnesota at graduation exercises June 12.

\*\*\*Elizabeth Lapp graduated from the Lutheran Bible Institute, Minneapolis, on May 28.

\*\*\*Joyce Flatten, a student at Concordia College, Moorhead, was recently elected as a member of Lambda Delta Sigma Society of the college.

\*\*\*Ione Dallager is employed as a dentist's assistant in Drayton, North Dakota.

\*\*\*Ruth Lerud is now living at 2315 Chicago Avenue, Minneapolis, Minnesota.

\*\*\*Peter E. Fehr, East Grand Forks, graduated from the University of Minnesota in June. He received special honors at the Cap and Gown Day convocation, and was recently elected to Phi Beta Kappa, national honor society for graduates in liberal arts.

\*\*\*NEW ADDRESS: A2/c Robert Ricard, A. F. 27350731; 374 Supply Sqn., Box 138, A. P. O. 704, c/o Postmaster, San Francisco, California.

\*\*\*Harold Aasland was recently ordained as a missionary for the Evangelical Lutheran Church. In August, Harold and his wife and twin daughters will leave for the Japanese mission field.

\*\*\*Helge Krogseng is employed in the Salary and Wage Administration of C. C. A., Anchorage, Alaska. He visited the campus on June 18. His address is Box 583, Anchorage, Alaska.

\*\*\*Raymond B. Price of Stephen graduated from the University of Minnesota, on June 12, and received a Bachelor of Science degree in the School of Dentistry.

\*\*\*Andrew A. Nielsen of Euclid graduated from the University of Minnesota, June 12, and received a Bachelor of Arts degree.

\*\*\*Mr. and Mrs. Donald T. McCall and son Pat and Mr. and Mrs. Allen Hughes (nee Barbara McCall) were recent visitors at the parental T. M. McCall home on the Northwest School Campus. Don McCall, who is a producer and announcer at KHJ of the Mutual Broadcasting Company at Hollywood, also teaches at Los Angeles City College. He and his family live in North Hollywood, California. Mr. and Mrs. Hughes make their home at Lemon Grove, California.

\*\*\*Lt. Col. Clayton M. Isaacson of Del Rio, Texas, was a campus visitor on June 16.

### Marriages

\*\*\*Miss Norma Jean Tietgen of Her- rick, South Dakota, to Wallace Thompson of Strathcona, on May 8, at Her- rick, South Dakota.

\*\*\*Miss Joanne Porter to Harold Voje on May 15, at Grandin, North Dakota. They are living at Gary, Minnesota.

\*\*\*Miss Ruth A. Giese to Lyle E. Lau on June 5 at East Grand Forks. Their

home address is 9 So. Broadway, Fargo, North Dakota.

\*\*\*Joan Marie Huard to Gerald Gen- dreau on June 1 at Thompson, North Dakota.

\*\*\*Miss Frances M. Shimpa to Stan- ley I. Osowski on May 8 at Brooks, Minnesota. They are making their home at Brooks.

\*\*\*Miss Arlis Iwen to Bruce E. Kra- mer on June 20 at Arthur, North Dako- ta.

\*\*\*Miss Lois Johnson of Crookston to Ronald Walker of Crookston on June 6, at Crookston. Their home address is 716—10th Street, S. W., Moorhead, Min- nesota.

\*\*\*Miss Muriel Magnell of Oklee to Lyle Mandt of Oklee on June 18 at Oklee, Minnesota.

\*\*\*Miss Eleanor Schroeder of East Grand Forks to Harold N. Lee of Adams, North Dakota, on July 10, at Fisher, Minnesota.

\*\*\*Miss Donna Mae Tangen of Gon- vick to Kenneth Poole of Kennedy on June 6, at Gonvick, Minnesota.

\*\*\*Miss Shirley Willett of Northcote and Olney, Montana, to Carl Norland of Lancaster on June 25 at Lancaster, Minnesota. They will make their home at Hallock, Minnesota.

\*\*\*Miss Irene Konig of Fargo, N. Dak., to Kenneth J. Schumacher of Drayton, N. Dak., on July 1.

### Births

\*\*\*To Mr. and Mrs. Marvin Zahl (nee Arlene Vesledahl), a daughter, on March 8.

\*\*\*To Mr. and Mrs. Clarence D. Carl-

## Crops Day At Roseau July 23

Visitation Day at the field crops vari- ety trials at Roseau will be held at 1:30 p. m. on Friday, July 23.

The Northwest School and Experi- ment Station is cooperating with the Department of Agronomy of the Uni- versity of Minnesota and farmers of Roseau and Lake of the Woods coun- ties in conducting grain variety trials this year.

O. C. Soine, agronomist at the North- west Experiment Station, is in charge of the Roseau crop trials; he is being as- sisted by Richard Radway, county ag- ricultural agent for Roseau county.

## NORTHWEST SCHOOL BRIEFS

(Continued from col. 2)

son (nee Patricia Ann James), a daugh- ter, on March 1, at Grygla, Minnesota.

\*\*\*To Mr. and Mrs. Dale Owens of Angus, a daughter, on June 10, at Crookston, Minnesota.

\*\*\*To Mr. and Mrs. Duane Crowser (nee Gladys Vesledahl), a daughter, on May 16, at Hendricks, Minnesota.

\*\*\*To Mr. and Mrs. Wesley Floan (nee Betty Erickson), a son, on June 18, at Fertile, Minnesota.

\*\*\*To Mr. and Mrs. Kenneth Ewing (nee Darlene Larson), a daughter, on July 6, at Crookston, Minnesota.

\*\*\*To Mr. and Mrs. Vernon Jack Christensen of Crookston, a daughter, on March 2.

\*\*\*To Mr. and Mrs. Arland Kenneth Miller (nee Jean Kjørle), a son, Kurt Ronald, on June 20. Their address: Box 982, Williston, North Dakota.

### Death

\*\*\*Donald E. Grenier of Red Lake Falls on June 19.



Superintendents of Regional Experiment Stations of the University of Minnesota, who attended the annual spring conference of superintendents held at the North Central School and Experiment Station, Grand Rapids, on May 25, are pictured above. Reading from left to right: A. W. Edson, West Central School, Morris; T. M. McCall, Northwest School, Crookston; R. E. Hodgson, Southern Experiment Station, Waseca; T. H. Fenske, assistant dean, Institute of Agriculture; C. L. Cole, North Central School, Grand Rapids; A. C. Heine, Agricultural Experiment Station, Rosemount; and Ralph Grant, Northeast Experiment Station, Duluth.