

Northwest School News

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Student Home Project Work Is Big Business

A total of 289 students of the Northwest School of Agriculture have registered for more than 550 projects to be carried on in the homes and on the farms of the Red River Valley for the season of 1955.

The eight projects under the direction of the Agronomy Department have 135 boys enrolled; the Farm Engineering projects have 91 boys enrolled in seven projects; Animal and Dairy Husbandry—72 boys in seven projects; Horticulture—33 boys in five projects; Poultry—twelve students in two projects; Safety and Fire Prevention, Farm Accounts, Farm and Home Improvement, and Community Service collectively have an enrollment of 32 students, while 122 students in addition to other projects will be observing the weather in their respective areas and are keeping records of rainfall.

Northwest School students in the Pure Seed Production project aid materially in the dissemination of new and desirable varieties of field crops. A total of 107 boys have been enrolled in the Pure Seed project this year. Crops, livestock, poultry, and horticultural projects have been very profitable to the home project students, not only in giving them a direct cash return, but getting them started in a profitable type of production.

In the Agricultural Engineering projects, 53 boys have enrolled in the Rural Electrification project and are learning to adapt this new form of power to many of the mechanical operations on the farm and in the home.

The girls are carrying on work in Home Management, Clothing, and Foods. The foods prepared will play an important part in the feeding of the farm families throughout the entire summer.

While instruction in the project work (continued on page 4, col. 3)

CROPS DAY TO BE HELD AT NORTHWEST SCHOOL ON JULY 26

A large crowd of farmers from the Red River Valley area is expected to attend the Crops and Soils Day program and tour which will be held at the Northwest School and Experiment Station, Crookston, on Tuesday, July 26. Because of the wide-spread interest in new varieties of crops, attention will be called on Crops Day to the many hundred new selections of disease-resistant strains of grain crops, soybeans, flax, and potatoes. The more than three thousand rod rows demonstrate the intensity of work in developing new disease-resistant strains of agricultural crops. Visitors at Crops Day will have opportunity to see the new rust-resistant strains of durum and spring wheat in foundation seed plots.

The scope of the program for the day has been enlarged to include livestock and poultry, making the occasion an all-station day. A full day's program has been arranged which includes the visitation of the crops plots with the agricultural high school instructors and veterans on-the-farm training instructors during the morning and tours of the livestock and poultry projects for the farmers simultaneously with the field inspection by the high school instructors.

Officers and directors of the Red River Valley Crops and Soils Association will hold their annual meeting in

the school library at 10:30 a.m.

The main program for the day will start on the campus at 1:30 p.m. with introductory speeches by Dean Harold Macy, Assistant Dean T. H. Fenske, Dr. J. J. Christensen, and Dr. Will Myers, all of the Institute of Agriculture, University of Minnesota, St. Paul. Representatives of the other departments of the Minnesota Experiment Station will take part in the open forum discussion which will be held following the tour of the plots. The plot tour will start at 2 p.m. and will return to the campus for refreshments and the open forum discussion at 4 p.m.

Representatives from the Department of Agronomy and Plant Genetics, Department of Plant Pathology and Botany, Department of Entomology, Department of Horticulture, Department of Soils, and the State Department of Entomology will be present.

O. C. Soine, agronomist, and B. C. Beresford, horticulturist, will conduct the tours of the field crops; H. D. Fausch, animal husbandman, and A. M. Pilkey, poultry husbandman, will conduct the tour of the livestock and poultry projects. They are staff members of the Northwest School and Experiment Station.

Coffee and cream will be furnished for visitors who bring their noon picnic lunches.

Women's Camp Attracts 250 Women

Closing exercises for the 30th annual Women's Camp at the Northwest School of Agriculture were held on June 16. Eight-three women were "in residence" in the school dormitories during the camp period, June 13-16. (continued on page 4, col. 1)

Many Alumni Return For Reunion

The reunion of alumni and former students of the Northwest School of Agriculture, held on June 25, was well attended. Celebrating their silver anniversary, the 1930 class had twelve class members and their families present and also their class advisers, Mr. and Mrs. S. A. Anderson of St. Paul.

The annual business meeting of the Northwest School Alumni Association was held in the gymnasium with Wilfred Dostal of Angus, vice-president, presiding. New officers elected for two-year terms were: Charles Holmquist, Hallock, president, and Allen Love, Euclid, secretary. Officers holding over to 1956 include Wilfred Dostal, vice-president, and Marlys Eftefield, Stephen, treasurer. Superintendent T. M. McCall extended greetings to the Association.

Prizes awarded at the meeting were presented by Miss Retta Bede of the Northwest School faculty. Prizes were (continued on page 4, col. 1)



Pictured above are the newly-elected officers of the Women's Camp at the Northwest School of Agriculture who will serve for the 1956 camp. They were elected at the Women's Camp which was held June 13-16. Reading from left to right: Mrs. A. V. Hunt, Hallock—treasurer; Mrs. Carrie Paulson, Bagley—vice-president; Mrs. Edward Anderson, Newfolden—president; and Mrs. David Kelly, rural Crookston—sergeant-at-arms. Mrs. Ansel Driscoll, East Grand Forks—secretary, is not in the picture.

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THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE

T. M. McCall, Superintendent
Northwest Experiment Station
OFFICE
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NORTHWEST SCHOOL BRIEFS*****News Regarding Alumni and Former Students of the Northwest School, Crookston:**

***Peter Fehr of East Grand Forks was awarded a Minnesota Medical Foundation \$500 scholarship at the annual Cap and Gown Day ceremonies held at the University of Minnesota on May 19. This award is given to outstanding students in the College of Medical Sciences, and also based on high scholarship.

***Cpl. Allen Love of Euclid was one of nearly 5,000 soldiers selected to participate in Exercise Desert Rock VI, which was held at the Atomic Energy Commission's Nevada Test Site recently during the atomic test series. Cpl. Love is regularly stationed at Fort Lewis, Washington, as a squad leader in Company C of the 71st Infantry Division's 271st Engineer Battalion.

***Pvt. Robert Kresl of Tabor was recently picked as "soldier of the month" for his battery in the field artillery at Fort Riley, Kansas, then won the honor for his entire battalion. He is a member of Battery B, Headquarters battalion.

***Ronald Viotor of Crookston graduated from the two-year course in electrical engineering at the North Dakota State School of Science, Wahpeton, North Dakota, on May 27. He is presently employed with the Otter Tail Power Company, Fergus Falls.

***Jeanne Vanek is employed in the People's State Bank at Warren, Minnesota.

***Alfred J. Wiger of Ulen was ordained into the ministry of the Evangelical Lutheran Church on May 29. The ordination was held at the Bethlehem Lutheran Church, Ulen. Pastor Wiger has accepted a call to serve the congregations at Halliday, Dodge, and Marshall, North Dakota; he will make his home at Halliday. Following his graduation from the Northwest School in 1945, he served in the U. S. Navy. Following his term in service, he enrolled at the North Dakota College, Fargo. He later transferred to Luther College, Decorah, Iowa, where he completed his undergraduate work. He enrolled in Luther Theological Seminary, St. Paul, in the fall of 1951, and graduated from Luther Seminary on May 22, 1955.

***Dennis D. Warnes of Stephen graduated from the North Dakota Agricultural College, Fargo, on June 6. He was graduated with a Bachelor of Science degree.

***Dennis R. Driscoll of East Grand Forks was commissioned as second lieutenant in the U. S. Air Force at recent commencement exercises held at the University of North Dakota, Grand Forks. Commissions were granted to thirty-eight Air Force ROTC cadets at the commencement exercises.

***Airman 3/c Charles D. Gustaf-

son of Fertile is stationed at Stead Air Force Base, Reno, Nevada. He completed his basic training at Lackland Air Force Base, San Antonio, Texas. He will be a survival instructor after completing his training at Stead and expects to be stationed there.

***Alvin Gronner, formerly of Underwood, is an instructor in the high school at Oakland, California. His address is 1086 Versailles Ave., Alameda, California.

***Miss Mary Croal, an instructor in piano at the Northwest School for the past two years, is living in New York City this summer. She is studying piano with Konrad Wolff. Her address is 40 East 76th Street, c/o Ruth Brand, New York 21, N. Y.

Marriages

***Miss Joyce Nichols of Clawson, Michigan, to Carroll Swenson of Fertile, Minnesota. Their address is Fertile, Minnesota.

***Miss Bergit Johnson, formerly of Fisher, to Allan Perry, of Minneapolis, on July 1, in Minneapolis.

***Miss JoAnn Benson, formerly of Grygla, to Donald K. Berg of Grygla, on May 29.

***Miss Estelle Flatten of East Grand Forks to Duane J. Halstensgard of Fertile on June 6 at East Grand Forks.

***Miss Jolanda Folsom to Glen Gumlia of Crookston on June 5 at Grand Forks, North Dakota. Mrs. Gumlia is a member of the Northwest School faculty. They are making their home in Crookston, Minnesota.

***Miss Doris E. Tollefson, formerly of Crookston, to Fred Desautels of Michigan, North Dakota, on June 11 at Fargo. They are making their home at Fargo, North Dakota.

***Miss Marilyn Bushee of East Grand Forks to Peter J. Wald of Red Lake Falls on June 28.

***Miss Bernice Jones of Goodridge to John L. Rosett of Detroit, Michigan, on May 19, at Goodridge, Minnesota.

***Miss Sylvia Kjos of Hoople, North Dakota, to Donald Filipi of Angus, on May 28. They will make their home at Warren, Minnesota.

***Miss Lorraine Floan to Verdie Pederson of Gary on May 14 at Fertile, Minnesota. They will make their home in Minneapolis.

***Miss Arlene J. Solberg to Erick H. Bergman on June 17 at Clearbrook, Minnesota.

***Miss Leona Madison of Tenstrike, to Erwin Muzzy of Thief River Falls on June 5.

Births

***To Mr. and Mrs. James Thibodo of Stephen, a daughter, on May 17.

***To Mr. and Mrs. Richard Miska (nee Irene Kliner) of Angus, a son, Ernest Dale, on April 1.

***To Mr. and Mrs. Bruce Kramer of Crookston, a daughter, on June 16.

(continued on page 4, col. 3)

New Herbicides For Weed Control

O. C. Soine, Agronomist

Several new herbicides are now available or will soon be available in the near future for weed control. A great deal of experimental work has taken place in order to thoroughly test these herbicides and make the proper recommendations. Some of these new chemicals will undergo numerous tests again this coming year to secure more information.

T. C. A. has now become well established as a control for grassy weeds such as quack grass and foxtail. It can be sprayed on plowed land in the fall of the year for the control of quack grass. The next spring, special crops like oats, flax, corn, potatoes, and alfalfa can be sown without any appreciable damage to the crops. T. C. A. is now being used to control foxtail in flax and sugar beets.

Dalapon is a new chemical that shows great promise for the control of grassy weeds. This herbicide is absorbed by the leaves of plants, while T. C. A. is absorbed through the roots. In trials on flax, here at the Northwest School and Experiment Station, it gave good control of foxtail but injured the flax. It has given good control of quack grass when applied in the fall. More information will be gathered this coming year about the proper rates and the tolerance of crops to this chemical.

Karmex, also known as C.M.W., and Polybor Chlorate are new chemicals that control all vegetation. They are also called soil sterilants, and Karmex will sterilize the soil for two to three years while Polybor Chlorate will last approximately one season. Karmex is recommended for areas where quackgrass predominates. These two herbicides are being used to control all vegetation along fence lines, ditch banks, railroad tracks, and around elevators and lumber yards.

Crag Herbicide or S.E.S. is another new chemical which must be mixed with the soil and changed over into a toxic form by soil organisms. As a result, this chemical can be sprayed on plants without injury. We need more information about this chemical before recommendations can be made.

Alonap is similar to Crag Herbicide in that it will control germinating weed seeds but is not effective after the weeds have emerged. Another re-

(continued on page 4, col. 3)



Twelve members of the 1930 class attended the 25th anniversary of their class at the alumni reunion held at the Northwest School on June 25. Also in attendance were their class advisers, Mr. and Mrs. Seigel A. Anderson (Rosalia Polski) of St. Paul.

Pictured above, reading from left to right, are: **BACK ROW**—Mrs. Emma (Krogstad) Olson, Beltrami; Selma Waldal, Thief River Falls; Mrs. Ivan Anderson, Ivan Anderson, Paynesville; Harold Bendix, Mrs. Harold Bendix of Deer Creek; Arthur Holm, Winger; John Nelson, Winger; Herbert Nisbet, East Grand Forks; **SECOND ROW**—Paul Nornes, Mrs. Paul Nornes (Norah Hamre) of Ada; S. A. Anderson, Mrs. S. A. Anderson of St. Paul; Mrs. Alvin Degerness, Alvin Degerness and sons of Gary; **FRONT ROW**—daughter of Mr. and Mrs. Paul Nornes; Loretta and Marilyn Anderson (daughters of Mr. and Mrs. S. A. Anderson); daughter of Mr. and Mrs. Harold Bendix; Degerness boys. Class members who attended the reunion but missing from the picture are William Strickler, Euclid; Harman Juelson; Winger; and Betty McVeety Nisbet.

4-H Club Week Contest Winners Announced

A total of 615 boys and girls, members of 4-H clubs of the Red River Valley counties, attended the 4-H Club Week held at the Northwest School of Agriculture, June 20-24.

4-H club members from Lake of the Woods and counties south of Polk County attended the camp June 20-22, while club members from counties including and north of Polk County attended June 22-24. Clay County, with 80 club members, ranked first in attendance at the camp. Other counties with large enrollments were West Otter Tail, 79; Marshall, 73; and Roseau, 56.

In addition to the Northwest School faculty, a total of twenty-seven county agricultural agents, county home agents, and county 4-H club agents gave instruction to the 4-H club members during the week. Outside specialists giving instruction during the week were Carl Amstrup of the Peavey Grain Company, Minneapolis; Mrs. Mary Kessler of the Kerr Glass Company, Minneapolis; and Miss Delores Hartvig, Simplicity Patterns, New York City. Other specialists taking part on the program were: Donald Bates, agricultural engineer, Agricultural Extension Division, University of Minnesota, St. Paul; J. C. Carlsen and Robelie Hunt of the Mud Lake National Wild Life Refuge, Holt; and

(continued on page 4, col. 2)

Plant Industry Field School Held June 7-10

The Division of Plant Industry with the State Department of Agriculture held a field school at the Northwest School of Agriculture, June 7-10, for their field men. A total of thirty-six field men and administrative officers registered for the three-day school.

The school was under the direction of T. L. Aamodt, director of the Minnesota Division of Plant Industry and state entomologist with A. W. Buzicky as assistant. The state entomologist and director of the Division of Plant Industry and his administrative staff have offices at the Institute of Agriculture, University of Minnesota, St. Paul.

The new Commissioner of Agriculture, Barney G. Allen, of St. Paul, was an honored speaker and guest for the program on June 8.

County Agents To Preview Field Tests

The county agricultural agents of the Red River Valley counties will meet on Monday afternoon, July 25, to view the experimental plots and fields at the Northwest School and Experiment Station at Crookston.

Following the afternoon field tour, the county agents will meet with

(continued on page 4, col. 1)

Dates Set For Winter Shows

At a joint meeting of the officers and directors of the Red River Valley Winter Shows Board of Managers and the Northwest Farm Managers' Association at Fargo on May 17, dates for the meetings of the two organizations were set for a five-year period. The dates were so arranged that there would be no conflict between the meetings of the Northwest Farm Managers and the Red River Valley Winter Shows and Northwest School Farmers' and Homemakers' Week. The Northwest Farm Managers meetings will precede the Red River Valley Winter Shows each year. The Northwest Farm Manager's Association set their 1956 meeting up to February 14; the Red River Valley Winter Shows will observe the dates as previously announced for 1956 of February 20-24 inclusive. Thereafter, the Northwest Farm Managers' Association will meet in the third week of February and the Red River Valley Winter Shows will be held in the fourth week of February. This new arrangement will permit farmers and agricultural leaders of the region to attend both worthwhile meetings.

The Winter Shows Board of Managers was represented at the meeting by T. M. McCall, president; O. C. Soine, secretary-treasurer; and Harold Thomforde of Crookston.

WOMEN'S CAMP

(continued from page 1)

In addition to the resident camp members, there were 167 visitors registered. Delegates from County Homemakers' groups who attended the camp were from Argyle, Plummer, Warren, Perley, Gary, Averill, Ada, East Grand Forks, Stephen, Lockhart, McIntosh, Roseau, Strandquist, Halstad, Borup, and Crookston. There were visitors, also, from Bejou, Hendrum, and Fosston.

Newly-elected officers for the 1956 Women's Camp are: Mrs. Edward Anderson, Newfolden—president; Mrs. Carrie Paulson, Bagley—vice-president; Mrs. Ansel Driscoll, East Grand Forks—secretary; Mrs. A. V. Hunt, Hallock—treasurer; and Mrs. David Kelly, Crookston—sergeant-at-arms.

Mrs. Nels Anderson, Crookston, had the all-time attendance record of 28 years. Other women with attendance records of 20 years or more included: Mrs. C. H. Roholt, Mayville, N. Dak., 27 years; Mrs. Emil Peterson, Middle River, 26 years; and Mrs. C. D. Chandler, Euclid, and Mrs. John Patenaude, Crookston, 21 years. Mrs. E. M. Evans of Middle River has an attendance record of 19 years, with Mrs. Conrad Brandt, Bagley; Mrs. R. D. Love, East Grand Forks, and Mrs. T. M. McCall, Crookston, attendance records of 19 and 18 years, respectively.

ALUMNI REUNION, JUNE 25

(continued from page 1)

awarded to the following: Mr. and Mrs. Duane Halstengard of Fertile—most recently married couple; Mr. and Mrs. Gene Musselman, Los Angeles, California—alumnus coming the greatest distance; Mrs. Solveig Moe Johnson of Fisher—member of oldest class present at the dance, class of 1930.

Resident faculty members joined with the alumni in a picnic supper at the Aggie Inn.

Music for the dance in the evening was provided by the Kensel Erickson orchestra of Crookston.

COUNTY AGENTS TO PREVIEW FIELD TESTS

(continued from page 3)

members of the staff of the Northwest School and Departments of Agronomy, Plant Pathology, Entomology, Soils, and Horticulture from the Central Experiment Station, Institute of Agriculture, University of Minnesota, St. Paul, for an evening round-table discussion of new crop developments. The evening session will be held in the school library with Superintendent T. M. McCall serving as chairman of the open forum. Co-chairman will be Frank W. Forbes, district county agent supervisor for the Red River Valley area.

On Crops Day, July 26, the county agricultural agents will assist in directing the farmers of their respective counties on the tour of field plots.

4-H CLUB WEEK WINNERS

(continued from page 3)

Miss Evelyn Morrow, home agent supervisor, Agricultural Extension Division, University of Minnesota, St. Paul.

Osgood Magnusson, assistant state 4-H club leader, and Elaine Tessman, state 4-H club agent, of the Agricultural Extension Division, University of Minnesota, St. Paul, were 4-H Club Week leaders.

The Northwest School and the county 4-H groups were hosts to the twenty-eight 4-H delegates from Mississippi at the school on June 22-23.

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

At the awards assembly for the first group of counties which included Becker, Clay, Clearwater, Lake of the Woods, Mahnomen, Norman, East Otter Tail, and West Otter Tail, the following awards were made: **Music** contestants given the Blue Ribbon award included: Cromwell 4-H and Eglon Hawks 4-H Club, Hawley, Clay; Lucky Clovers Club, Baudette, Lake of the Woods; Flom Fossum Future Workers Club, Twin Valley, Norman; Richville-Elmhurst 4-H Club, East Otter Tail; and Carlisle 4-H Club, West Otter Tail. Red Ribbon awards were given to: Burlington Cubs Club, Detroit Lakes, Becker; Jack Pine Pals Club, Clearwater; and Pembina 4-H Club, Mahnomen.

Counties and 4-H Clubs winning the Blue Ribbon award in the **One-Act Play contest** were: Downer O. K. Club, Clay; Pembina 4-H Club, Mahnomen; ABC 4-H Club, Ada, Norman; Gorman Sunshine 4-H Club, Perham, East Otter Tail; and Fergus 4-H Club, Fergus Falls, West Otter Tail County. Red Ribbon awards were won by: Burlington Cubs Club, Becker; Leon Ramblers Club, Clearbrook, Clearwater; and Happy Hagen Hustlers, Baudette, Lake of the Woods.

In the **Good Grooming** contest, twenty-four boys and girls who were winners in the Good Grooming Contest in the seven counties represented at the camp in the first group competed for regional honors.

At the awards assembly for the second group of counties which included Kittson, Marshall, Pennington, East Polk, West Polk, Red Lake, and Roseau, the following awards were made: **Music** contestants given the Blue Ribbon award included: Newfolden 4-H Club, Newfolden, Marshall; Rocksbury 4-H Club, St. Hilaire, Pennington; Bear Park Beavers Club, Fertile, East Polk; Community Star Club, Crookston, West Polk; and Eager Beavers Club, Greenbush, Roseau. A Red Ribbon award was presented to the Equality Hustlers Club, Greenbush, Roseau. A Red Ribbon award was presented to the Equality Hustlers Club, Trail, of Red Lake County.

Counties and clubs winning the Blue

(continued in column 3)

NEW HERBICIDES

(continued from page 2)

quirement for this herbicide is that the soil must be moist enough for the chemical as well as for germination of the weed seeds.

Premerge is a somewhat different herbicide and is known as a contact spray. It will kill both weed and crop plants on contact. So far, it has been used on corn in the early stage of growth and will replace the first cultivation of corn.

Most of these new chemicals require a pre-emergence method of application. This means that the chemical must be applied after the crop has been sown but before it emerges. This brings up a number of problems that are encountered with this method of treatment. Professor R. S. Dunham, Institute of Agriculture, University of Minnesota, St. Paul, Minnesota, states: "In my opinion, this method has little to recommend—it is a gamble in which the odds that it will work are altogether too small. In the first place, it means spraying the land before you know what kind of a weed problem you have. Several factors are involved which include rainfall at the proper time, the type of soil, soil reaction and others. In our studies, we can see little difference in dependability among herbicides used for pre-emergence applications."

(Dr. O. C. Soine, agronomist, Northwest School and Experiment Station, Crookston.)

4-H CLUB WEEK WINNERS

(continued from column 2)

Ribbon award in the **One-Act Play** contest were: Comstock 4-H Club, Marshall; Highland Club, Pennington; and Rosebud Invincibles, East Polk; Equality Hustlers Club, Red Lake; and Gopher 4-H Club, Roseau.

In the **Good Grooming** Contest, twenty-seven boys and girls who were winners in the Good Grooming contest in the seven counties represented at the 4-H Club Week in the second group competed for regional honors.

HOME PROJECT WORK

(continued from page 1)

is given by the heads of the various departments in the school, yet the summer supervision is checked by the Home Project Supervisor, H. H. Lysaker, who will visit each student at least twice during the summer months.

NORTHWEST SCHOOL BRIEFS

(continued from page 2)

***To Mr. and Mrs. Ronald Lusso (nee Jenell Williams) of Grandin, North Dakota, a daughter, Suzette Marie, on June 17.

Deaths

***Rodney McGovern of St. Vincent, Minnesota, on May 26 at St. Vincent.