

Northwest School News

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ALUMNI REUNION SCHEDULED — JUNE 25

40th Anniversary for Class of '20

The traditional last Saturday in June will again be Alumni Reunion Day at the Northwest School of Agriculture, Crookston. June 25 will be the date this year.

Features of the day will be the class reunions of classes graduating in years which end in "5" and "0". The class of 1920 will be observing its 40th anniversary this year and the class is making special plans for the event. The school is interested in securing the present addresses of members of the '20 graduating class. This should be sent to E. N. Reiersgord, principal, Northwest School.

The day's program will begin in the afternoon. A "pot-luck" supper is scheduled for the late afternoon. For those who enjoy the evening alumni reunion dance, there will be the music of Jimmy Dunn's orchestra. The dance will begin at 8:30 p.m. (DST) in the Northwest School gymnasium.

Officers of the Northwest School Alumni association are: Glen Torkelson, Crookston — president; John Stromstad, Lockhart — vice-president; Paul Engeldstad, Thief River Falls — secretary; and Larry Bergh, Hallock — treasurer.

Northwest School graduates, former students, and faculty are invited to attend the Alumni Day program and events.

HOMEMAKERS OFFERED INTERESTING

PROGRAM AT WOMEN'S CAMP

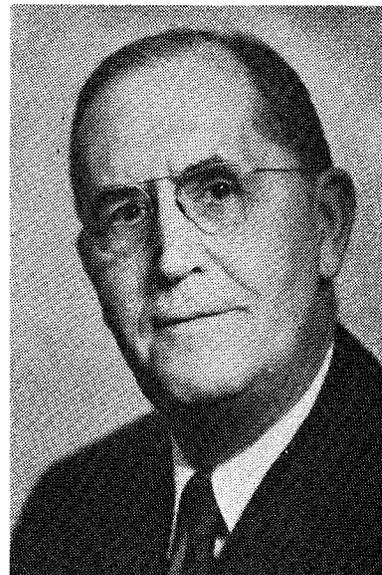
Homemakers in all Red River Valley counties are invited to attend the 35th annual Women's Camp to be held at the Northwest School of Agriculture, Crookston, June 21 - 24. Registration will begin at 3 p.m. on Tuesday, June 21, and camp will officially close on Friday afternoon, June 24, for "resident" campers.

Homemakers who cannot register for the entire camp period are invited to take part in the "Day Camping" program to be held on Thursday, June 23. There will be a general program and special demonstrations. The day campers are invited to attend the meetings as well as the evening program on that day. Meals may be secured at the

camp for the "one day" if reservations are sent to the school by June 3. Also, day campers are welcome to bring picnic lunches; coffee will be available for picnickers.

A varied program including crafts, special demonstrations, interesting speakers, and recreation has been arranged for the three-day "Homemakers' Holiday."

The cost for "resident" campers will be \$10.00 for the camp period of June 21-24, which includes lodging and meals. Women who are interested in attending the Women's Camp may write to the Northwest School of Agriculture, Crookston, Minnesota, for information or room reservation.



Dr. Dowell, Former NWS Superintendent, To Retire From University June 30

Dr. Austin A. Dowell, a noted college administrator, student leader, farm economist, and one-time livestock specialist, will retire in June after 38 years on the University of Minnesota staff.

From 1926 to April 1937, Dr. Dowell was superintendent at the Northwest School and Experiment Station. In April 1937, he resigned his position as superintendent to take a professorship in the Division of Agricultural Economics, University of Minnesota, St. Paul.

Since 1952, Dr. Dowell has been director of resident instruction and assistant dean of the College of Agriculture, Forestry and Home Economics at the University of Minnesota.

The best wishes of the Northwest School faculty, alumni, and employees are extended to Dr. Dowell in his retirement. Dr. and Mrs. Dowell live at 1485 Grantham Street, St. Paul.

STATION FIELD DAY SET FOR JULY 19

By O. C. Soine

Another interesting Crops and Soils Day is being planned for July 19 at the Northwest School and Experiment Station. The latest varieties of small grains, fertilizer trials, weed control plots, and forage crops will again be on exhibition.

The program for the day will begin at 9:00 a.m. when the first guided tour

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1960 Women's Camp Officers: "Resident" Women's Camp members, in 1959, elected the following women to serve as 1960 camp officers—(reading from left to right): Mrs. Al Sarver (nee Marion Parbst)—Camp Leader in 1959; Mrs. Arthur Skolness, Glyndon—secretary; Mrs. Wilfred Nelson, Thief River Falls—sergeant-at-arms; Mrs. Albin M. Nelson, Kennedy—vice president; and Mrs. C. H. Roholt, Mayville, N. D.—treasurer. Mrs. John Taus of Angus, president, is not in the picture.

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THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE
B. E. Youngquist, Superintendent

Office
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Crookston, Minnesota

Commencement — 96 Graduate; Citizenship Awards Presented

Commencement exercises for 96 seniors were held at the Northwest School of Agriculture, Crookston, on March 25. Dr. George W. Starcher, president of the University of North Dakota, Grand Forks, gave the Commencement address. The Rev. Stanley M. Johnson of Crookston gave the invocation.

Citizenship awards, presented each year to one boy and one girl from the Senior class, were awarded to Bette Hovet of Thompson, North Dakota — Senior girl, and Ronald Dufault of Red Lake Falls — Senior boy.

The two students of the graduating class who were the top-ranking students in scholarship were Russell Schumacher of Drayton, North Dakota, and Gary Mattson of Mayville, North Dakota.

FIELD DAY — JULY 19

(Cont. from Page 1)

to the experimental plots will get under way.

County agricultural agents from the Red River Valley area will meet at the Station on July 18 at 3:00 p.m. for a preliminary tour of the experimental work. These men will serve as "tour leaders" on Tuesday, July 19. Another special tour is being planned on July 20 for the area Vo-Ag instructors. A program covering all of the agronomy and fertilizer work at the Northwest Experiment Station will start at 9:30 a.m.

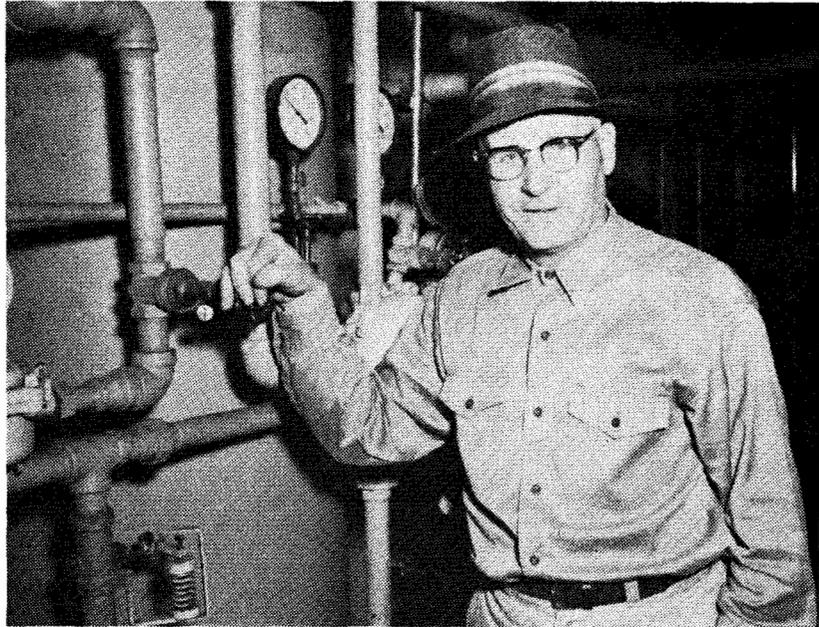
All persons interested in the field day are cordially invited to visit the Experiment Station on July 19.

4-H Delegates From 15 Counties To Attend Camp at NWS

4-H club delegates of Northwestern Minnesota 4-H clubs are making preparations to attend the annual 4-H Club Week camp at the Northwest School of Agriculture, Crookston, June 13-17. A program of instruction and recreation will be under the direction of state 4-H club agents, county Extension agents, and Northwest School faculty.

Counties will be divided in two sections for 4-H camp attendance with

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Maurice Bakken, an employee at the Northwest School and Experiment Station for 32 years, will retire on June 30. In more recent years, he has been operating engineer in the heating plant. He was employed for heating plant work in October 1928.

On June 5, Mr. and Mrs. Bakken were honored guests at a picnic given by his fellow employees. Also an honored guest was Jergen M. Hulst, an Experiment Station employee, who retired on January 4, 1960.



The Airplane — A Recent Tool in Agriculture

The Northwest School of Agriculture offers a course in aeronautics to Seniors which covers the theory of flight, navigation, basic maneuvers of flying, and regulations necessary for flight instruction. This course is taught by the shop department with E. C. Miller as instructor.

Pictured above are four boys who went one step farther and took some flying instruction from the Walters Aviation Corporation at the Kirkwood Airport and completed their solo flight in a minimum of eight hours of flight instruction. Reading from left to right

are: Gary Knepper, Badger; Jerry Tjon, Twin Valley; James L. Hanson, Northwood, N. Dak.; Superintendent B. E. Youngquist of the Northwest School congratulating the group on having completed their first solo flight from the Crookston airport; E. C. Miller, aeronautics instructor; and Clayton Verke, Hatton, N. Dak. These four boys are well on their way to understanding and putting to use another piece of equipment that man has invented and which can be very useful in certain phases of agricultural production.

NW Station Reveals Results of 'Fly Time' Tests

Poison on Cord Gets Barn Pests

By Richard Youngblood
(Reprint from Grand Forks Herald)

A simple, economical means of controlling flies in dairy barns has been tested with excellent results by researchers at the Northwest School and Experiment Station, Crookston.

A simple cotton cord, developed through the Public Health Service in Savannah, Ga., has proved to be the most effective means available for combatting stable flies, according to Dr. E. C. Frederick, Northwest School livestock specialist.

In recent years, the common housefly has increased its resistance to treatments of DDT and other insecticides, and in 1952, the use of cotton cord treated with parathion as a possible means of fly control in dairy barns was demonstrated.

More research was conducted in 1953 and 1954, further establishing the size and treatment of cotton cord as a means of fly control.

Strong Poison Used

The cord is red-colored and treated by immersion in a parathion-diazinon solution which by chemical analysis shows a dosage of 75-100 milligrams of parathion per linear foot. The extremely powerful poisons with which the cord is impregnated affect the fly's nervous system.

Flies light on the cord simply because they have to rest somewhere, and appear to prefer the small red cord. The active ingredients are absorbed through the fly's feet and skin, causing quick and sure death. Tests show the cord will control flies for a six-month period, providing their breeding areas are removed.

One of the secrets of the cord appears to be proper installation. It comes in reels of 300 feet each, enough to treat 1,000 square feet of floor space. The cord is strung in rows about three feet apart, about six and a half feet above the floor. There is no bait or chemical attractant, but a great deal of research was conducted before the small, red cord was chosen.

Color Makes Difference

A variety of different colors, diameters of string and locations of the cord were tested, and it was found that flies preferred the red cord strung as indicated above.

In the Crookston tests, the cord was installed in one barn, while a second barn also housing dairy cattle was left untreated as a check until a heavy concentration of flies developed. The two barns are located within 80 yards of each other. The effectiveness of the treatment was determined by weekly counts of the number of flies on a 4 by 4-foot area of ceiling as well as the number of flies on a particular animal.

Before treatment, on June 11, the ceiling check in Barn A showed two flies, and the check animal showed none. In Barn B, the ceiling had one and the check animal had two flies.

After treatment in Barn A, a check on June 18 showed no flies on the ceiling and one on the animal, while in untreated Barn B, there were five on the ceiling and none on the animal at the time the counts were made.

Changes Evident

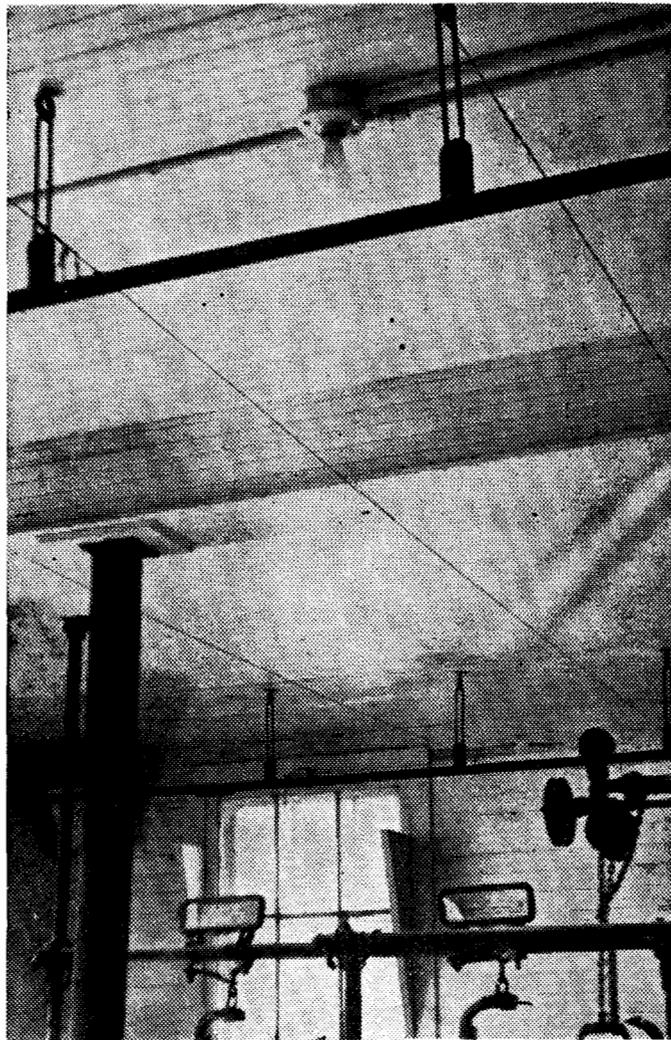
By July 9, the Barn B ceiling showed 42 flies, while there were 19 on the animal. By comparison, the treated Barn A had no flies on the ceiling and one on the check animal. This relationship continued until after July 30, when Barn B also was treated with the cord. On the next check, on Aug. 6, Barn

B showed two flies on the ceiling area and three on the animal, compared with 36 on the ceiling and 18 on the animal in the previous week, before the building was treated.

By Sept. 10, the check in Barn B showed one fly on the ceiling and two on the animal. Barn A continued to show the effects of the treatment, with two flies on the ceiling and one on the animal.

Before the advent of the treated cord, Frederick explained, barns had to be sprayed weekly, a costly and time-consuming operation. With the cord, which is cheaper in a long run than the spray, the fly problems are over for the season.

Savings on treatment, however, are
(Cont. on Page 4, Col. 2)



A Small, Red Cord strung along the ceiling (above) of a barn at the Northwest School and Experiment Station has proved to be the most effective means available for combating stable flies. The cord, called "Fly Cord," is treated by immersion in a parathion-diazinon solution which causes quick and sure death to the flies. (G.F. Herald Photo).

Around and About With NW School Alumni

***A number of Northwest School alumni were elected to office for the newly organized Farm and Home Development Association at a meeting held April 26. The Association is formed of farm families in Marshall, Pennington, West Polk, and Red Lake counties. Andrew Skaar of Thief River Falls was elected president and Gerhard Ross of Fisher was named secretary-treasurer. Alumni serving on the executive committee are Leonard Hapka of Marshall county; Skaar and Robert Parnow of Pennington county; and John Grenier of Red Lake county.

***Albin Johnson of Fertile was recently re-elected president of the Polk County Fair association. Elmer Krogstad, also of Fertile, was re-elected to the Board for a three-year term.

***Dr. Peter E. Fehr is a member of the staff at Bansa Baptist Hospital, P. O. NSAW, Southern Cameroons, West Africa.

***Harold Aasland will return to the United States on a furlough after serving as a missionary for the past six years in Japan. The Reverend Aasland's address during his furlough will be in care of the Board of World Missions, 422 So. Fourth Street, Minneapolis 15, Minnesota.

***Andrew Skaar has been named outstanding Farmer-Sportsman of 1959 in Pennington county for the third consecutive year. He was selected for his success in farming, wildlife conservation and forestry practices, soil management and leadership in improving farmer-sportsmen relations. He received a special recognition certificate.

***Gerhard Ross of Fisher was recently elected chairman of the research committee for the Red River Valley Beet Growers Association.

***Roger and Paul Tollefson of Crookston were members of the 60-voice Lutheran Student Choir which toured Minnesota in March. They are both students in the College of Agriculture, University of Minnesota, St. Paul.

***Orvis Engelstad of Fertile, who has been a student at Iowa State University, received his Doctor of Philosophy (Ph.D.) degree in February. He is presently working with the Tennessee Valley Authority (TVA) of Wilson Dam, Alabama. Before attending Iowa State College, he was Marshall county, Minnesota, soils agent for two years.

***Wesley B. Sheldrew visited the Northwest School campus on April 27. He is employed as a paper maker with the Publishers Paper Company in Oregon City, Oregon. His address: 141 Randall Street, Oregon City, Oregon. Mrs. Everett Stahlnecker (nee Evelyn Sheldrew) is teaching at Estacada, Oregon.

***New Address: PFC Elwood A. S. Gormsen, US 55 623 754, Btry "B" 3rd Gun Bn (280MM) 38th Arty, APO 358 San Francisco, California.

Pvt. Clarence W. Henke is in service with the U. S. Army. He is stationed in Germany. He entered the service on September 22, 1959.

Births

***To Mr. and Mrs. Lyle Kasprick (nee Harriet Lydick), a son, Mark Gerard, on January 19. Their address: 3042 Highway No. 8, Minneapolis 18.

***To Mr. and Mrs. Lloyd Kasprick, a daughter, Lori Jean, on December 26, 1959. Their address: Angus, Minnesota.

***To Mr. and Mrs. Darrell Kludd (nee Sandra Tangen), a daughter, Vicki Lee, on March 10. Their address: Randall, Minnesota.

***To Mr. and Mrs. Dallwin C. Holmgren (nee Marlys Molskness), a daughter, Linda Marie, on March 3. Their address: 219-16th St. S. E., Minot, N. Dak.

Death

***Manley Larson, '29, of Twin Valley, on October 23, 1959, at Twin Valley.

'FLY TIME' TESTS

(Cont. from Page 3)

not the only financial factors involved. Recent tests on the effects of flies on dairy production have proven conclusively that heavy concentrations of flies in the dairy barn cause a drop in production of as much as 20 to 25 per cent.

"And this is not only during the fly season," Frederick reported. "The low production caused by flies seems to carry on after the fly season."



Dr. E. C. Frederick conducted the "Fly-Cord" experiment at the Northwest School and Experiment Station.

NO CHANGE IN STATUS OF NORTHWEST SCHOOL

A recent news story that appeared in a number of Red River Valley newspapers called attention to the fact that North Dakota will no longer pay tuition aid for North Dakota students attending Agricultural Schools in Minnesota.

The Northwest School has received a number of questions asking why the Northwest School was no longer an accredited school. We emphasize that there has been no change in the status of the Northwest School of Agriculture. The Northwest School has never been accredited by the State Department of Education in the state of Minnesota. The graduates of the Northwest School, however, by special agreement with the University of Minnesota and the state colleges, have been eligible to attend those colleges and any other colleges through the years. Occasionally, college registrars have questioned the six-month school transcript; however, once they understood the circumstances, the graduates of the Northwest School were accepted if the students were college caliber otherwise.

Any boy or girl who is interested in attending the Northwest School will find "better than average" secondary-level training. They will be well trained to enter farming or homemaking; also, they are ready to continue into higher education.

4-H CAMP AT NWS

(Cont. from Page 2)

identical programs for each group of counties. Counties attending camp in the first group, June 13-15, will be: Becker, Clay, Clearwater, Mahnomon, W. Polk, E. Otter Tail, and W. Otter Tail. In the second group, June 15-17, will be: Kittson, Marshall, Lake of the Woods, Pennington, Norman, Red Lake, Roseau, and E. Polk.

NORTHWEST SCHOOL

Coming Events

June 13—	
17	4-H Club Week
June 21—	
24	Women's Camp
June 25	Alumni Reunion
July 18—	
21	School Lunch Workshop
July 19	Crops and Soils Day
Aug. 10	Vo-Ag Livestock Day
Sept. 15	Beef Cattle Feeders Day
Sept. 26	School Term Opens
Oct. 7	Turkey Day