

Northwest School News

Four 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 XLVII

Crookston, Minnesota, April-May-June, 1963

NUMBER 2

DATE CHANGED: ALUMNI REUNION

SCHEDULED FOR JULY 6

CLASS OF '13 CELEBRATES 50TH ANNIVERSARY

The annual summer Alumni Reunion at the Northwest School of Agriculture, which was originally scheduled for July 13, has been changed to Saturday, July 6. This change in date will permit alumni who come for the reunion at the School to attend some of the events of "Pioneer Days" which will be celebrated in the city of Crookston on that day. The date of the Crookston event was changed from July 13 to July 6; therefore, the reunion date was re-scheduled.

Celebrating its 50th anniversary will be the Class of 1913, and celebrating its 25th anniversary will be the class of 1938. Other classes making plans for special reunions are 1923 and 1948, and they will be celebrating their 40th and 15th anniversaries, respectively. Classes with years ending in "3" and "8" will be observing their reunions; however, the reunion is for alumni of all graduating classes as well as former students and faculty. All are invited to attend.

A "smorgasbord" supper will be served in the Northwest School dining hall at 6 p.m. There will be a charge of \$1.00 per person for this Dining Hall service. The meal will be available to all alumni, former students, and faculty who have their reservations in by July 1. Reservations should be mailed to the Superintendent's Office, Northwest School.

Immediately following the "smorgasbord" supper, the Northwest School Alumni Association will have its annual business meeting. The traditional prizes will be awarded at this time to the oldest alumnus, the alumnus coming the greatest distance to attend the reunion, and the most recently married alumnus. After the close of the business meeting, there will be a social hour. All are invited to stay for coffee — a time for "grads" and others to meet and reminisce.

Members of the Class of 1913 and their guests will meet in the library of Kiehle building at 3 p.m. The Class of 1923 will meet in the Home Economics building; and the class of 1938 will meet in the Hill building. The Class of 1948 will meet in the Aggie Inn, and David Lundberg and Dr. Peter Fehr are making program arrangements for their class. Those graduates who cannot attend the reunion are

asked to write a letter, addressed to their class, telling where they are located and what they are doing. The letters may be mailed to Superintendent B. E. Youngquist at the Northwest School, and they will be distributed for reading to the class groups concerned.

It is hoped that alumni who plan to attend the reunion will congregate on the campus by 4 p.m. The buildings on the Northwest School campus will be open for those who wish to see them. Alumni who come to the reunion quite early in the day will have an opportunity to take in some of the events of "Pioneer Days" in the city of Crookston. Others may wish to spend the afternoon in a social way on the school campus.

PLAN TO ATTEND.

Homemakers Invited To Attend Women's Camp

The Women's Camp at the Northwest School of Agriculture will be held June 11-14 this year. Homemakers in the Red River Valley counties of Minnesota and North Dakota are invited to attend the Women's Camp. Women who attend have found this to be a three-day vacation from their home responsibilities and also they get many new ideas in the fields of homemaking.

Many interesting programs including talks and demonstrations will be given by foods and clothing specialists, travelers, and others. Handicraft is another feature of the camp, as well as recreation and "rest time."

The camp costs will be \$12.00 for resident camp members (for the camp period June 11-14); and late registrants (meals and lodging per day) — \$5.00. "Day Camping" will be held on Thursday, June 13. For an information booklet on the cost of the camp and other information, write to: Northwest School of Agriculture, Crookston, Minnesota.

Camp leader will be Mrs. Donald Overgaard, home economics instructor at the school.

Leo Ash Elected President of NWS Alumni Association

Four new officers have been elected for the Northwest School Alumni Association by a ballot vote, which was conducted by mail, through publication in the "Northwest School News."

Leo A. Ash, '52, of Orleans, was elected president. Other officers elected were: Glen Finkenbinder, '55, of Crookston, vice president; Mrs. Charles Holmquist (nee Burnette "Bonnie" Vesledahl, '52), Crookston, secretary; and Mrs. Roger Tollefson (nee Barbara Thureen, '58), of Beltrami, treasurer.

The newly-elected president will preside at the annual Alumni Association business meeting to be held at the Alumni Reunion on July 6. Also, the other new officers will begin their duties on this date.

At the July 7, 1962, Northwest School Alumni Association meeting, it was voted to have officers serve for four years instead of two years, as in the past. Also, it was voted to have the election by ballot. The president of the Association appointed a nominating committee. Alumni who served on this committee were: Rodney Mosher, Beltrami, chairman; Mrs. Allan Miller (nee Laura Buck), Crookston; and Walter Stromstad, Lockhart.

Dean T. H. Fenske Died March 28

Theodore H. Fenske, 58, who was associate dean of the Institute of Agriculture, University of Minnesota, passed away on March 28 while enroute to deliver the final Commencement address at the West Central School of Agriculture. The West Central School at Morris is closing out the regular School of Agriculture with the advent of college instruction.

Dean Fenske had been with the Schools of Agriculture since 1929 as a teacher, as a superintendent, and for the past eighteen years in charge of all the University's Schools of Agriculture in the state of Minnesota.

The agricultural enterprise of the state of Minnesota has indeed lost one of its great leaders. He was a tireless worker of unusual capacity and will

(Continued on Pg. 3, Col. 2)

Northwest School News

Issued Quarterly by
THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE
B. E. Youngquist, Superintendent
Office
Northwest School and Exp't. Station
Crookston, Minnesota

The 'Kick' That Counts

MANY dairymen use enough straw in a stanchion barn. But it is not always in the right place at the right time.

Such a situation was noted by the authors (W. R. Dukelow, E. C. Frederick, and C. H. Kvamme) while collecting data on a milking experiment at the Northwest School and Experiment Station. The milkers pushed the straw forward and out from under the cow's udder in order to make room for milking. However, they did not kick it back after milking.

It was also noted that the cows lay down shortly after milking. The end results were dirty, uncomfortable cows who were subjecting their udders to injurious conditions. On visiting with dairymen in the area, it was observed that this was a general management problem.

In order to study the problem further, short time trials were set up to determine how soon a cow lies down after milking. The studies were conducted in the winter of 1962 using the



Lawrence Ruud, assistant herdsman and milker at the Northwest Experiment Station, demonstrates KICKING STRAW BACK uniformly under a cow AFTER MILKING. Kicking the straw back uniformly is a management practice that can and should become a routine habit of a concerned dairyman.

Holstein herd at the Northwest Experiment Station at Crookston and the Guernsey herd at the North Central Station, Grand Rapids. Both herds are owned by the University of Minnesota and housed in stanchion barns. They each have approximately 40 milking cows. The time between milking and lying down was recorded in the morning and evening for 10 consecutive days.

It was found that 38 and 49 per cent of the cows in the Crookston and Grand Rapids herds, respectively, lay down within 15 minutes after milking; 75 and 80 per cent of the cows had lain down by the time the complete herds were milked.

The fact that the cows do lie down shortly after milking clearly indicates the importance of giving "the kick that counts." That is, kick the straw back under the cow's udder immediately after milking. This will help to keep the cow's udder clean and free from injury.

Kicking the straw back uniformly under the udder after milking is a management practice that can and should become a routine habit of a concerned dairyman.

By—E. C. Frederick, W. R. Dukelow, and C. H. Kvamme.



LOTS OF STRAW but in the wrong place. Milking a cow necessitates moving the straw forward to give room for milking equipment (machine). Failing to kick the straw back, after completing milking, results in (what we see in the above photo) dirty, uncomfortable cows who are possibly subjecting their udder to injury.

NORTHWEST SCHOOL

EVENTS

Plan to Attend

* * *

ALUMNI REUNION

Saturday, July 6

CROPS DAY

Tuesday, July 16

CATTLE FEEDERS' INSTITUTE

Thursday, September 12

HORTICULTURE DAY

Thursday, September 12

'MUMS FOR YOUR HOME AND GARDEN

Are you interested in the growing of garden flowers and chrysanthemums? If so, the following information may be of value to you.

The past winter was severe in its effect on over-wintering of garden perennials. Roses and iris have heavy losses. Garden chrysanthemums show the heaviest losses in years at the Northwest School and Experiment Station. There was little snow cover during the early part of the winter; and coupled with low temperatures, the result was the loss of many plants. Plants in an exposed location failed in most instances to show any life this spring. Plants in a more protected site, such as next to a foundation, came through with better survival. The loss of some weakened plants from disease or insect injury may be a blessing in disguise as it may mean their replacement with new planting stock.

The chrysanthemum should be planted in an open sunny location. This is usually an exposed site and winter mulching of plants with organic material will aid in their survival. Heavy snow cover which comes early in winter also reduces plant losses. The Northwest School and Experiment Station maintains and tests many named varieties and numbered selections of chrysanthemums. The new greenhouse on the Experiment Station permits wintering indoors of the varieties and selections, so that if the same kinds fail to survive outdoors during the winter, a new start is available from plants wintered indoors.

Varieties and selections are received every spring from the Department of Horticulture, University of Minnesota, St. Paul; and these, combined with plants on hand, make an extensive display of chrysanthemums. August and September is the best time to observe these chrysanthemums in full bloom in their location adjacent to the new greenhouse.

The new variety of chrysanthemums named by the University of Minnesota for 1963 is called Tenstrike. This is a bright lavender color with fully double flowers and comes into bloom early. It has been grown under number and has performed well for several seasons at Crookston. The 1962 chrysanthemum variety was Minn-Autumn, which is a brilliant reddish-bronze color with a cushion-type plant. The 1961 variety named by the University of Minnesota was Wayzata. This is a vigorous plant producing bright, bronze-tinged buds with yellow fully double flowers to three inches in diameter. A total of 42 named varieties have now been introduced by the University of Minnesota. Many are in

(Continued on Pg. 4, Col. 2)

New Agronomist Joins N W Experiment Station Staff

A new position has been created at the Northwest Experiment Station in agronomy.

Freeman K. Johnson, who is now completing his Ph.D. degree work in the Department of Agronomy and Plant Genetics of the Institute of Agriculture, University of Minnesota, has been engaged as agronomist to take over the major part of the agronomic research at the Northwest Experiment Station. Mr. Johnson received his Bachelor of Arts degree from Brigham Young University in 1956, and his Master of Science degree from the University of Minnesota in 1961.

Mr. Johnson is a native of Utah and has spent several summers working at the Northwest Experiment Station. Mr. Johnson is married and has four children. He will be moving his family to Crookston in June.

For over a decade, Dr. Olaf C. Soine has carried the responsibilities in crops research and in soils research. The scope of this work has increased to the point where more help is necessary. Dr. Soine, a soils expert by training, will devote nearly full-time to soils research. He will also continue his teaching work during the school year.

55th Commencement Held March 29 At N W School

Seventy-five seniors received their diplomas at the 55th annual Commencement Exercises held at the Northwest School of Agriculture on March 29.

The Citizenship Award, which is presented at Commencement each year, was awarded to Carol Ann Fehr of East Grand Forks, Senior girl, and Gary Tvinnereim of Manvel, N.D., Senior boy. Beverly Shelstad of Doran received honorable mention. A citizenship medal is presented to the students so honored; also, their names are engraved on the A. M. Pilkey Citizenship plaque which is permanently in the school's library.

DEAN T. H. FENSKE DIES

(Continued from Pg. 1)

be greatly missed within the University, in the Legislative halls, and particularly in the Schools of Agriculture and the Branch Experiment Stations.

SHERWOOD O. BERG NAMED DEAN OF UM INSTITUTE OF AGRICULTURE

Sherwood O. Berg, head of the Department of Agricultural Economics of the University of Minnesota since 1957, has been named Dean of the University's Institute of Agriculture, beginning July 1, 1963. He will succeed Harold Macy, who will retire.

Professor Berg is a widely-known authority on agricultural economics, agricultural policy and foreign trade, and is a former U. S. agricultural attaché in three European nations.

Originally from Hendrum, Minnesota, he attended the University of Minnesota's School of Agriculture and later went to South Dakota State College where he received his B.S. degree in 1947. He earned his M.S. at Cornell University in 1948, and his Ph.D. degree from the University of Minnesota in 1951. He comes to a front-line position of leadership within the University of Minnesota at a time in agricultural history when his background in national and international agricultural policy is needful. His understanding and concern for biological research and social studies research is broad and full.

The Northwest School and Experiment Station expresses a sincere welcome to the new Dean.

Fall Term Opens September 30 -

On Monday, September 30, the Northwest School of Agriculture will open its 56th school year.

The Northwest School offers courses in technical agriculture, including field crops, animal husbandry, soils, and farm management; also, horticulture. The agricultural engineering courses include: gas and arc welding, farm mechanics, tractors, carpentry, electricity, and aeronautics.

Students who wish to go on to college will find that the regular academic courses offered in high schools are available at the Northwest School. In the field of science and mathematics, the following courses are offered: general science, biology, chemistry, physics, algebra, higher algebra, plane geometry, and trigonometry. Over the past ten years, 40 per cent of the graduates of the Northwest School have gone on to college.

In addition to the regular academic courses, the girls have the opportunity to take four years of Home Economics of which the last year is spent in home management practices. Also, business training courses are offered.

**Around and About With
NW School Alumni**

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

***Russell J. Schumacher, '60, of Drayton, N.D., and Lyall A. Bjornson, '59, of Arvilla, N.D., students at the University of North Dakota, Grand Forks, were on the University's "High Scholarship List" which was published April 27.

***Llewellyn A. Reese, '34, is employed as Senior Farm Foreman at the North Central School and Experiment Station, Grand Rapids.

***John W. Lapp, '46, is a member of the Sales Division staff of General Mills, Inc. with headquarters at 2023 E. Lexington Blvd., Eau Claire, Wisconsin.

***Beverly Shelstad, '63, of Doran, Minnesota, has been awarded a University Freshman Scholarship for the 1963-64 academic year at the University of Minnesota. She received the Minnesota Alumni Association scholarship of \$375.00.

***A 2/C Gordon (Barry) Shaide, '59, was one of four boys burned in the explosion of a heater in a building (in Japan) on April 21. The boys were taken by plane to Brookes General Hospital at Fort Sam Houston, Texas, on April 22. Barry will be hospitalized there for three weeks and then he will return to his home at Borup, Minnesota, to convalesce. For the past three years, he has been in the Air Force. He has been stationed in Korea and more recently at Itazuke Air Base in Japan.

***Dr. Peter E. Fehr, '50, is enrolled in the Medical School at the University of Minnesota for advanced work. He graduated from the University's Medical School in 1957 and recently completed his four-year tour of duty as a medical missionary in West Africa.

***Mary Ruth Saxman, '59, of Georgetown, is attending Walla Walla College at Walla Walla, Washington, where she will graduate in June.

***Joseph (Gerald) Armstrong, '57, is employed in electronics at Univac, Inc., St. Paul.

***H. H. Powers of Ames, Iowa, visited the school campus on April 23. Mr. Powers was horticulturist and instructor at the Northwest School and Experiment Station, 1910-1912.

***Connie Radke, '61, is employed in the business office of the Northwestern Clinic, Crookston.

***Nancy Diamond, '61, of Humboldt, is attending the University of North Dakota, Grand Forks.

(Continued in Col. 3)

WILD OATS FOR BEEF CATTLE

FEEDING TRIALS UNDERWAY AT NW EXPERIMENT STATION

The beef cattle feeding trials currently underway at the Northwest Experiment Station have been designed to study the comparative feeding values of wild oats and of barley. The previous two years' experiments utilized rolled high-moisture barley and dry barley in cattle feeding trials, but the wet conditions in the spring of 1962 delayed local seeding operations with the result that an insufficient supply of barley was available in order to duplicate the experiments this year. The plentiful supply of wild oats in the area prompted the present project concerning an evaluation of this "crop" for livestock feeding purposes.

The present trial is being conducted in a manner basically similar to the high-moisture barley experiments of the previous two years. Forty yearling Hereford steers, averaging about 826 pounds in weight, were assigned to four lots of ten steers each. Two of these lots are being fed rolled high-moisture wild oats, whereas the other two lots are on a rolled dry barley ration. The wild oats for this experiment was harvested by direct combine at 21 to 30 per cent moisture, stored in an airtight structure, and rolled as removed from storage immediately before feeding. The barley utilized in this trial was harvested by combine in the conventional manner and is being dry

rolled before feeding. Steers in all lots are being fed 4 pounds of alfalfa hay daily. In addition, one-half of the steers in each lot were implanted with 24 mg. of stilbestrol at the outset of the trial.

At the completion of the first 28 days on feed, the steers fed dry rolled barley exhibited slightly faster average daily gains (0.8 pounds) as compared to the steers fed rolled high-moisture wild oats. Steers seem to find the rolled high-moisture wild oats quite palatable, and are presently consuming about 30 pounds of grain per day on a full feed basis. No difficulties have been encountered up to the present time in feeding high-moisture wild oats.

Wild oats, mustard, and pigeon grass kernels recently taken from the airtight storage structure were subjected to germination tests in the Experiment Station's greenhouse; none of these kernels showed any sign of germination.

It is expected that the present feeding trial will be terminated in June. The complete results of this, and other beef cattle feeding trials, will be presented at the annual Cattle Feeders' Clinic to be held in the Winter Shows building, Crookston, on September 12.

By—D. Reimer and E. C. Frederick

MUMS FOR GARDEN

(Continued from Pg. 3)

the collection at Crookston. Most of these varieties make very good cut flowers as well as garden specimen plants. The chrysanthemum is very useful in the flower border as well as in the foundation planting. Many of these varieties are available from nurseries if a person needs a start with them.

The collection of chrysanthemums at the Northwest School and Experiment Station is best observed during August and September when in full bloom.

You are particularly invited to attend a Horticultural Field Day and Tour in late summer, on September 12, at the Northwest School and Station. Department of Horticulture staff members will be on hand to discuss the chrysanthemum trials and other aspects of horticultural research being conducted at the Northwest School and Experiment Station.

By—B. C. Beresford
Horticulturist

NW SCHOOL ALUMNI

(Continued from Col. 1)

Marriages

***Miss Sherilyn Oberg, of Fergus Falls, to Conrad Wallace, of Euclid, on February 27, at Crookston. Their address: 201 End Street, Fergus Falls, Minnesota.

***Miss Sylvia Magsam, of Euclid, to William H. Nueske, of Wittenberg, Wisconsin, on March 16, at Euclid. Their address: Route 2, Wittenberg, Wisconsin.

***Miss Virginia Finstad, of Thief River Falls, to Joseph Gerald Armstrong, Euclid, on April 6 at Thief River Falls, Minnesota.

Class of 1941

On Sunday, June 9, the Class of 1941 will have a special class reunion on the Northwest School campus. Committee states: "Contributions for the picnic "potluck" supper will be appreciated. Plan to be on campus by 2:30 p.m. Bring own dishes."