

Northwest School News

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Volume XXXIII

Crookston, Minnesota, June-July, 1949

Number 4

300 Attend Cattle Feeders' Day On June First

More than 300 farmers attended the Cattle Feeders' Day program at the Northwest School and Station on June 1 to see the results of the cooperative potato feeding trial which was concluded on May 27 at the Northwest Station.

Speakers for the day were Associate Directors H. Macy and T. H. Fenske, of the Minnesota Experiment Station, and A. L. Harvey of the Division of Animal Husbandry, University Farm, St. Paul; Art Wardner and Wm. Case of Grand Forks, North Dakota; and Superintendent T. M. McCall, O. M. Kiser, and H. D. Fausch of the Northwest School and Station.

In discussing the results obtained in the feeding of four lots of six steers each, in which potatoes were compared as feed with a standard grain fattening ration, Mr. Kiser pointed out that cull potatoes are a
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Fall School Term To Open September 26

The fall term of the Northwest School will open with registration on Monday, September 26. A full enrollment is in prospect. It will again be necessary to find rooming places in Crookston to take care of the overflow of boys from the boys' dormitories. Only a limited amount of space is left for girls in the girls' dormitories and it is expected that every available room for girls will be taken before September first.

TUITION AID: The 1949 session of the Minnesota State Legislature continued the appropriation for state aid for all qualified students living in rural districts not consolidated with accredited high schools. Students from accredited high school districts will need to pay tuition which amounts to \$42.00 or more for the entire school year.

TRANSPORTATION AID: Students qualified for tuition aid will also receive credit for transportation aid, amounting to \$4.50 per month or \$27.00 for the school year.

There will be only two changes in members of the teaching staff for the 1949-50 school year. Miss Betty Indihar, instructor in piano, and John Ward, instructor in science, have tendered their resignations to take full-time teaching positions elsewhere. Appointments for successors in the two vacant positions are now being processed and the names of the new instructors will be published in the August-September issue of the Northwest School News.

University Regents Visit The Northwest School And Station

Nine representatives of the University of Minnesota Board of Regents headed by Dr. J. L. Morrill, president of the University, visited the Northwest School and Station on Friday, July 8.

The party of University regents and members of the University staff were on a tour of inspection of the regional Schools of Agriculture and the branch experiment stations. They visited the West Central School and Station at Morris on July 7, the Northwest School and Station on July 8, and the North Central School and Station at Grand Rapids on July 9. During the morning, the University regents held their regular July meeting in the Northwest School library, at noon they were entertained at lunch at the Northwest School dining hall, and in the afternoon visited the school buildings and station experimental projects. Superintendent T. M. McCall called attention to the growth of the school and the scope of the experimental projects, and members of the teaching and experiment station staff discussed their projects on the tour of inspection.

University regents present were: Fred B. Snyder, Minneapolis, president of the Board; Richard L. Griggs, Duluth; J. S. Jones, St. Paul; George
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Good Attendance At Alumni Reunion

There were 250 alumni and former students present for the annual Alumni Reunion held at the Northwest School on Saturday, June 25. Three of the eight graduates of the first class graduating from the school in 1909 were present for the reunion. These three were Mollie Fossbakken of Redlands, California, and Chris and Lewis Fossbakken of Fosston.

Miss Mollie Fossbakken was presented a 1949 "Red River Aggie" as the member of the first graduating class to come the greatest distance to attend the reunion; Major Clayton Isaacson of Riverside, California, a member of the class of 1939, was presented a 1949 "Aggie" for coming the greatest distance to attend the reunion. Mr. and Mrs. David Short of Angus won the newlyweds red oil can for being the most recently wed alumni at the reunion.

Gerhard Ross, vice-president of the Alumni Association, presided at the alumni business meeting; Mrs. William Barron, Jr., served as secretary-treasurer.

Kenneth Miller of Crookston was elected as president for a two-year term to succeed Darwin Ferrier, and Miss Berneil Nelson of Crookston was elected secretary for a two-year term; Reuben Hanson of Trail is treasurer and his term will expire in 1950.

The George Schoen orchestra of Fargo, North Dakota, furnished music for the alumni dance.

Former and out-of-town faculty members present for the reunion were: H. H. Powers of Ames, Iowa, instructor 1908-11; and the Misses Winnifred Erickson of Litchfield; Borgni Skorpen of Valley City, North Dakota, and Jean Kjorlie of Fargo, North Dakota, all of the present staff.

Feeding Sugar Beet Tops Bulletin Printed

The results of three years of feeding trials with sugar beet tops for fattening lambs have been published as Minnesota Experimental Station bulletin No. 404. The sugar beet top feeding trial was a cooperative project between the Division of Animal Husbandry, University Farm, St. Paul, and the Northwest School and Experiment Station. Coauthors of the bulletin are W. H. Peters, chief of the Division of Animal Husbandry, University Farm, St. Paul, and O. M. Kiser of the Animal Husbandry Department, Northwest School and Station.

Complete data on the feeding trials, covering the three years beginning in
(continued on page 2, col. 1)



Dr. J. L. Morrill, president of the University of Minnesota, visited the Northwest School and Station on July 8. He accompanied the Board of Regents on their tour of inspection of the branch schools and experiment stations of the University.

Northwest School News

Issued by
THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE

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

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Club Members Enjoy 4-H Week

A total of 691 4-H club members and their local leaders enrolled at the 37th annual 4-H Club Week held at the Northwest School of Agriculture, the week of June 13-18. The seven counties including Polk and south including Ottertail county sent 418 4-H club members to the Camp June 13-15; the Red River Valley counties north of Polk county enrolled 273 club members and leaders for the camp June 16-18. The major objective of the 4-H Club Week, the giving of advanced instruction on 4-H club projects, was accomplished. O. T. Magnuson, camp leader and state 4-H club agent from St. Paul, stated that a very high percentage of the 4-H clubs of the Red River Valley counties were represented at the camps during the week.

Spirited contests in music and one-act plays were held between the counties during the week with county contestants and groups ranked by judges into Blue, Red, and White Ribbon groups. Better Grooming Contests were also held for each group of counties. The recreational program taught club members new games and new forms of recreation which will be carried back to home clubs. Class instruction during the week was given by members of the Northwest School staff, state 4-H club agents of the Minnesota Agricultural Extension Service, home demonstration agents, county 4-H club agents, and county agricultural agents of the Red River Valley counties.

Certificates of Merit were presented to the clubs winning in the one-act play and music contest, and individual ribbon awards were given to Better Grooming contest winners.

FEEDING SUGAR BEET TOPS BULLETIN PRINTED

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the fall of 1945, is included in the bulletin.

General conclusions drawn from feeding of sugar beet tops to lambs are: 1. Climatic conditions of the Red River Valley area necessitate storing part of the tops as stack silage if full use is to be made of them through the entire length of a normal lamb or cattle-fattening period; 2. Three experiments in feeding beet-top silage to fattening lambs indicate that the beet tops stored as stack silage may be fed successfully as a large part of the ration throughout

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Crop Judging Team Returns From Trip

O. C. SOINE

The Northwest School's crop judging team and coach, O. C. Soine, returned to the campus on June 20 after a three-day trip through northeastern Minnesota. This trip was financed from a cash award made by the Minnesota Crop Improvement Association for the team's first-place winning at the 1949 Red River Valley Winter Shows. The team was composed of William Waterworth of Newfolden, Daniel Johnson of Goodridge, and Robert Glass of Euclid.

Leaving the campus on Saturday, June 18, the group drove north through Thief River Falls, Roseau, and east to Baudette and International Falls where they spent the night. On Sunday, the team drove to Ely and visited the northern Iron Range area, and from there continued south to the North Shore of Lake Superior. The rain and fog along the lake shore drive partly obstructed the view of the lake but the boys were able to see most of this scenic drive. On Monday morning, the team visited the points of interest in and around Duluth. On the homeward drive, the North Central School at Grand Rapids was another point of interest. The last stop was at Bemidji where the boys enjoyed seaplane and speedboat rides.

UNIVERSITY REGENTS VISIT THE NORTHWEST SCHOOL

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W. Lawson, St. Paul; Albert J. Lobb, Rochester; E. E. Novak, New Prague; A. J. Olson, Renville; Ray J. Quinlivan, St. Cloud, and Herman Skyberg, Fisher. The delegation was headed by President J. L. Morrill; Wm. T. Middlebrook, vice-president of business administration and secretary of the Board of Regents; Malcolm Willey, vice-president of academic administration, University of Minnesota; C. H. Bailey, dean and director of the Department of Agriculture; H. Macy, associate director and T. H. Fenske, associate director of field operations, all of University Farm, St. Paul. Others present from the University of Minnesota, Minneapolis campus, were Wm. L. Nunn, director of public relations; W. F. Holman, supervising engineer; R. V. Lund, assistant supervising engineer; and Henry Schmitz, dean of the College of Agriculture, Forestry, and Home Economics.

Members of the Board of Regents who were unable to accompany the tour group and visit the school were: James F. Bell of Minneapolis; D. C. Gainey of Owatonna, and Sheldon V. Wood of Minneapolis.

NORTHWEST SCHOOL

FALL TERM

BEGINS SEPTEMBER 26

Mrs. C. G. Selvig Dies At Santa Monica, California

Friends of Mr. and Mrs. C. G. Selvig of Santa Monica, California, were grieved to learn of the death of Mrs. Selvig on Monday, July 4. Her unexpected death was caused by cerebral hemorrhage. Margaret was the only one of the three children in Santa Monica at the time of their mother's death. The son, George, is in business at New York City and their daughter, Helen, is employed in the American Embassy in Switzerland.

Mrs. Selvig, in her seventeen years' residence on the Northwest School campus, 1910-27, when Mr. Selvig was superintendent of the Northwest School, and her later residence in Crookston during Mr. Selvig's two terms as Congressman, became widely known because of her interest in the work of women's clubs in this area. Since moving to Santa Monica, Mrs. Selvig maintained her interest in the activities of women's clubs and took an active part in the state organization work of the Society for the Hard of Hearing of which Mr. Selvig is serving as state president.

The funeral for Mrs. Selvig was held in Santa Monica, California, on Friday, July 8. The Don McCall family of Hollywood represented the Northwest School friends at the funeral.

Weather Summary, January-June, 1949

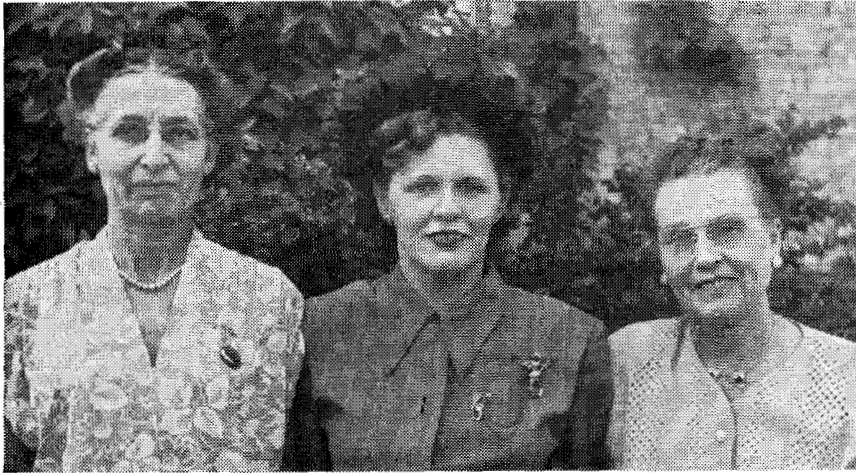
O. C. SOINE

Rainfall continues to be the most important weather item in many parts of the Red River Valley. The very low amount of rainfall for the month of April was exceeded only by the same month in 1931—the lowest ever recorded at the Northwest School and Station. The situation was entirely different in May when the precipitation exceeded all records for that month for the past fifty years. The rainfall for June was slightly above the longtime average.

In summarizing the records at the Northwest School and Station, the precipitation for the first half of 1949 totaled 14.31 inches. This amount is nearly 5 inches above average. Five of the months were above normal with the month of May showing the greatest difference.

The following data gives the rainfall for the first six months of 1949 compared to the 49-year average.

Month	1949 Precipitation	49-Year Av. Precipitation
January	1.96 in.	0.51 in.
February	0.80 in.	0.64 in.
March	0.84 in.	0.83 in.
April	0.12 in.	1.62 in.
May	7.24 in.	2.67 in.
June	3.35 in.	3.14 in.
Total	14.31 in.	9.41 in.



1950 Women's Camp Officers Elected

Pictured above are women who were elected officers for the 1950 Women's Camp at the Northwest School. Reading from left to right: Mrs. J. H. Filipi, Warren—president; Mrs. R. N. Lampi, Grand Rapids—sergeant-at-arms; and Mrs. Carrie Paulson, Bagley—treasurer. Absent from the picture are Mrs. George Hanson of Hallock, vice-president, and Mrs. Obert Fossay of Moorhead, secretary.

New Herbicides On Test At the Northwest Station

Several of the new herbicides recommended for the control of certain grass weeds are on test this year at the Northwest School and Experiment Station. Dr. O. C. Soine, agronomist at the Station and supervisor of the tests, announces that the new grass herbicides recommended for the control of quack grass and other grass weeds are not available at present for general farm use. Some of the chemicals are available; however, present prices of the chemicals prohibits their general use and additional information is needed on the use and application of the new herbicides. Three of the new chemicals in test this year are STCA, IPC, and LFN.

STCA (sodium trichloroacetate) is a promising new chemical for the control of quack-grass, Kentucky blue-grass, and annual weeds like crab-grass and foxtail. In preliminary trials conducted last year, this new chemical destroyed quackgrass when applied at rates of 80 to 100 lbs. per acre. The best results were obtained in these trials when the optimum moisture conditions prevailed. This herbicide produces a toxic condition in the soil which may prevail for a period of 30 days or more depending on the rainfall.

Another new chemical is IPC (isoproyl-N-Phenyl carbamate) which has not proven very effective on quack-grass. It does show some promise as a pre-emergence treatment to control seedling grass weeds such as wild oats in crops like flax and field peas. This herbicide should be present when the seeds germinate.

LFN is a new compound which contains 97 per cent of 2,4-D acid. It is being used both as a pre-emergence and post-emergence spray to control some of the grass weeds.

Three Flower Shows To Be Held In 9th District

The Ninth District Horticultural Society has planned three summer flower shows, according to Mrs. E. M. Evans of Middle River, president of the district organization. The district flower shows are to be held at Fertile on August 8, Cass Lake on August 9, and Middle River on August 10. Flower growers in the southern part of the district should send their flowers to Fertile, the Cass Lake show will serve the central counties of the district, and flowers from the northern counties will be exhibited at Middle River.

B. C. Beresford, horticulturist at
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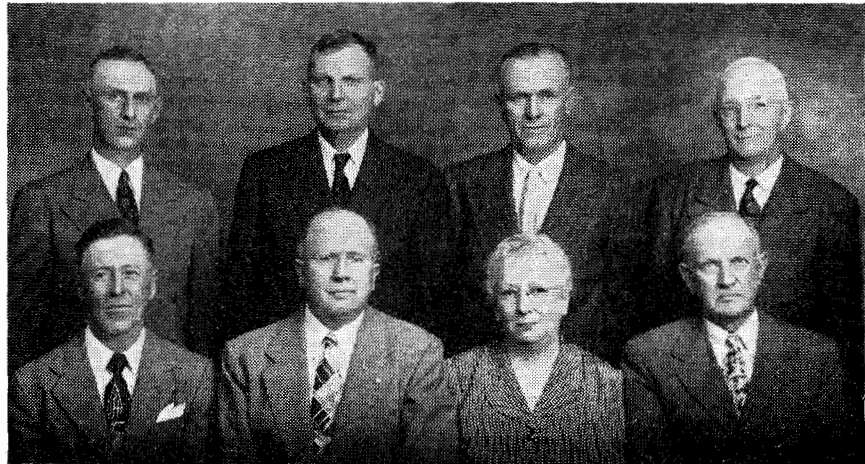
Women's Camp Members Receive Awards; Officers Elected

The twenty-fourth annual Women's Camp at the Northwest School, held June 6-9, had a resident enrollment of 126 women from fifteen counties in Minnesota and five counties in North Dakota.

At the closing exercises on June 9, Miss Retta Bede, camp leader, awarded attendance certificates to campers completing their fourth, twelfth, and twenty-two years at the camp. Mrs. Ella Anderson of Crookston, for twenty-two years of attendance, received a decorated piece of Dresdenware. The twelve-year campers who received folkcraft linen awards were Mrs. Conrad Brandt, Bagley; Mrs. B. J. Hamre, Beltrami; Mrs. R. D. Love, East Grand Forks; and Mrs. T. M. McCall, Crookston. Camp members receiving the fourth-year attendance certificates were: Mrs. Edward W. Anderson, Newfolden; Mrs. Noel Brule, Crookston; Mrs. C. E. Christensen, Crookston; Mrs. George Confer, Angus; Mrs. Fred Reitmeier, Crookston; Mrs. Robert Rutherford, Euclid; Miss Eleanor Stoltenow, Moorhead; Miss Bertha M. Sutherland, Hallock; and Mrs. Dudley Winslow, Arvilla, North Dakota.

Golden horseshoe finders who received awards were Mrs. John Patenaude, Red Lake Falls; Mrs. Ole Bjorgo, Crookston; and Mrs. Walter Oberg, Angus.

At the business meeting held on June 9, women elected to serve as officers for the 1950 Women's Camp included: Mrs. J. H. Filipi of Warren, president; Mrs. George Hanson of Hallock, vice-president; Mrs. Obert Fossay of Moorhead, secretary; Mrs.
(continued on page 4, col. 3)



Members of the Northwest School and Station staff who have been employed at the Northwest School and Station for 25 years or more are pictured above. With periods of service ranging from 26 to 38 years, this makes a total of 249 years of service to the University of Minnesota, Northwest School and Station. Reading from left to right, with number of years employed noted: FRONT ROW—Henry Fontaine, Utility Man (37 yrs.); T. M. McCall, Professor and Superintendent (38 yrs.); Miss Kate Bedard, Principal Account Clerk (33 yrs.); A. M. Foker, Assistant Professor in Agricultural Engineering and Superintendent of Buildings and grounds (32 yrs.); BACK ROW—Juel Torvi, Farm Foreman (26 yrs.); O. M. Kiser, Assistant Professor in Animal Husbandry (28 yrs.); Andrew J. Anderson, General Mechanic (29 yrs.); A. M. Pilkey, Instructor and Poultry Husbandman (26 yrs.).

300 ATTEND CATTLE FEEDERS' DAY

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valuable feed for fattening cattle. Cull and number two potatoes when fed whole, with a good quality of brome grass and alfalfa hay, had a feeding value of 39.3 cents per hundredweight. Potatoes when fed with a good quality of oat straw had a feeding value of 55.8 cents per hundredweight.

Mr. Kiser also stated that the greatest average daily gain in weight of steers in the trial was made by the grain-fed lot which averaged 2.12 pounds per day. Whole potatoes fed to steers at an average rate of 51.49 lbs. per day with roughage, with a light feeding of grain during the last half of the feeding trial, made an average of two pounds of grain per day and with sliced potatoes fed in a similar manner making a gain of 1.72 pounds per day. The average daily gain of 1.99 pounds on the whole potatoes and straw-fed lots cost only \$13.97 per 100 lbs., as compared to \$22.17 per hundred lbs. for the grain-fed lots, \$18.48 for the whole potatoes and hay lot, and \$22.21 for the cut potato and hay-fed steers.

In summarizing the results for the first year's potato feeding results, Mr. Kiser told the farmers that: 1. whole potatoes and a good quality roughage had in this trial a feeding value of 39.3 cents per hundredweight. Substituting oats straw for a better quality roughage, the potatoes had a feeding value of 55.8 cents per hundredweight. 2. A cheap class of roughage appears to be entirely suitable with a full feed of whole potatoes in rations for fattening cattle.

The leaders of the cooperative potato feeding trial with steers at the Northwest School and Station were Professor W. H. Peters, chief of the Division of Animal Husbandry, University Farm, St. Paul; and O. M. Kiser and H. D. Fausch of the Animal Husbandry Department at the Northwest School and Station, Crookston. The potatoes for the feeding trial were furnished by the Red River Valley Potato Growers Association.

THREE FLOWER SHOWS TO BE HELD IN 9TH DISTRICT

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the Northwest School and Station and secretary of the Ninth District Horticultural Society, states, "Premium lists for the district flower shows will be furnished members of clubs and newspapers prior to the shows, or advance premium lists can be secured from the secretary."

Agencies cooperating in the Ninth District flower shows include the local garden clubs at the three locations, the Ninth District Horticultural Society, the Minnesota State Horticultural Society, and the Red River Valley Development Association.

Northwest School Briefs

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

*** Orvis P. Engelstad of Fertile was cited for high scholastic honors at the Cap and Gown day convocation at the University of Minnesota in May.

*** Phyllis Magnusson of Roseau, a freshman student at Concordia College, Moorhead, is on tour in Europe with the Concordia College choir.

*** Miss Ona Scheidler of Cloquet, a former member of the Northwest School teaching staff, recently returned from Hawaii, around Kealakekua. She taught business training subjects for four years in schools of Hawaii. She will not return to Hawaii this school year.

*** CAMPUS VISITORS: Mr. and Mrs. Harry Henderson, formerly of Halstad, now living at Cottage Grove, Oregon, visited campus on July 12. Leland Lincoln of Anoka, Minnesota, visited campus on July 18. Lester Maves of Malaya, Washington, visited campus on March 22. George Roisum of St. Paul visited the campus on July 19. Mrs. John Sutherland (nee Vivian Lundberg of Kennedy) visited the campus on July 11; she is now living at Route 2, Elgin, Illinois.

*** Mrs. Orville Kurtz (nee Vera Johnson of Bock) is teaching in the high school at Marysville, California. The address of Mr. and Mrs. Kurtz is Route 2, Fair Oaks, California.

*** Ledyard Burhans of Stephen, who received his Master's Degree at the University of North Dakota in June, 1949, will be principal of the high school at Inkster, North Dakota, this coming year.

*** Mrs. Herman Pettigrew (nee Violet Lundberg) is now living at Route 3, Shelbyville, Indiana.

*** Mrs. Phillip Seeger (nee Esther Haugo) is now living at Parkland, Washington; Box 266 is postoffice box number. She recently visited at the home of her parents at Mahnommen, Minnesota.

*** Cheryl Bjella of Bemidji received her Bachelor of Science degree on June 7 from Bemidji State Teachers' College.

Marriages

*** Miss Beulah Stromstad of Beltrami to Bill Smith of Crookston, on June 23 at Beltrami, Minnesota.

*** Miss Orda Slettvedt to Stanley J. Bomba, on May 15, at San Francisco, California.

*** Miss Rachel Walde of Bagley to Clarence Kochmann of Beaulieu, on June 14, at Bagley. They will make their home at Beaulieu, Minnesota.

*** Miss Patricia Andrist to Marvin E. Johnson of Crookston, in June, 1949, at Minneapolis. They will make their home in Crookston, Minnesota.

*** Miss Lucille Diamond of Humboldt to Harold S. Younggren of Hallock, on January 3, 1949.

*** Miss Betty Lou Erickson of Fertile to Wesley Floan on January 24, 1949.

*** Miss Emily Johnson of Bock to

(continued in col. 3)

NORTHWEST SCHOOL HAS FOREIGN VISITORS

A group of scientists interested in animal breeding visited at the Northwest School and Station on June 25. Superintendent T. M. McCall and Professor O. M. Kiser discussed the livestock projects underway at the school and station. Dr. L. M. Winters of St. Paul, state director of the Regional Swine Breeding project, and Dr. Wm. Craft of Ames, Iowa, regional director of the Swine Breeding project, served as guides to the foreign scientists. The foreign guests were: H. T. Donald, Animal Breeding Organization, Edinburgh, Scotland; Fred Morley of the Experiment Farm, Frangie, Australia; and A. L. Rae of the Massey Agricultural College, Palmerston North, New Zealand.

WOMEN'S CAMP MEMBERS RECEIVE AWARDS

(continued from page 3)

Carrie Paulson of Bagley, treasurer; and Mrs. R. N. Lampi of Grand Rapids, sergeant-at-arms.

FEEDING SUGAR BEET TOPS BULLETIN PRINTED

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the fattening period; 3. The best quality beet-top silage is made with tops wilted down to a moisture content of 60 per cent or less when put in the stack; 4. A typical feeder lamb can consume 350 to 450 pounds of 50 to 60 per cent moisture beet-top silage to advantage during a 100 to 110-day fattening period.

NORTHWEST SCHOOL BRIEFS

(continued from col. 2)

the Reverend Otto Matthias, on July 9, at Bock.

Births

*** To Mr. and Mrs. Arthur Gundell (Glendora Erickson), a daughter, Judith, on October 12, 1948, at Bellingham, Washington.

Deaths

*** A. J. Kittleson, of St. Paul, former state 4-H club leader, died on July 1, at St. Paul. Mr. Kittleson, before moving to St. Paul, served as district 4-H club agent, 1919-25, with headquarters at the Northwest School. Survivors include his wife, Harriet, two daughters, Mrs. Abigail Evans of Appleton, Minnesota, and Mrs. Ruth Anderson, of Washington, D. C., and a son, Howard, of St. Paul.

*** Gaynor L. Johnson of Gully, Minnesota, killed in an accident on May 25, while serving with the Seabees on the East Coast.

*** Mrs. Conrad G. Selvig of Santa Monica, California, on July 4, at Santa Monica, California.

*** William John (Jackie) Sondreal of Reynolds, N. D., on July 18. He was killed in a tractor mishap. He had been plowing a field on the home farm. When turning the tractor at the end of the field, he apparently fell and was run over by the machine. He was a first-year student at the Northwest School 1948-49.