

# Northwest School News

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NUMBER 4

## CLASSROOM BUILDING DEDICATED ON PARENTS' DAY

Over 500 parents and guests visited the Northwest School campus on Parents' Day, November 24. Members of the Student Council served as guides for parents and guests who visited the new classroom building and other school buildings.

The dedication of the new classroom building was incorporated with Parents' Day activities. At the afternoon program, held in Kiehle auditorium, Dr. T. H. Fenske, associate dean of the Institute of Agriculture, University of Minnesota, gave the main address. He cited the long record of outstanding achievement by the Northwest School and Experiment Station for northwestern Minnesota agriculture. He dedicated the new classroom building to the enrichment of rural life in the next decade and to greater service to the economy of northwestern Minnesota.

Russell Schumacher, student body president, gave the student welcome to parents and guests; Dr. B. E. Youngquist, superintendent, also gave a greeting to parents and guests. The mixed chorus and school band presented the special music for the program. Featured also was a Home Project dress revue by the girls in the Home Economics Department at the school.

Rodger Swanson of Arvilla, N. Dak., was presented the 1959 Community Service Project award of \$25 which is sponsored by the Northwest School Parents' Association. Receiving honorable mention were Roy Nisbet of East Grand Forks and Allen Johnson of Kempton, N. Dak.

The day's program closed with a visitation of the Student Home Project Show in the gymnasium and a coffee hour.

## 1960 WINTER SHOWS SCHEDULED FOR FEBRUARY 22 - 26

The Golden Anniversary of the Red River Valley Winter Shows, Crookston, will come in February 1960. Ordinarily, such an event would have special appropriate ceremonies; however, the Winter Shows Board of Managers will forego any formal recognition of the 50th year. They will plan to incorporate recognition of this long-time service of the Red River Valley Winter Shows with the dedication of new show buildings.

The program for the 1960 Winter Shows, February 22-26, is now being developed. Premium Lists for the 1960 shows have been printed and are now available.

## LATIN AMERICAN STUDENT ENROLLS AT NORTHWEST SCHOOL

The arrival of Louis J. Quijada at the Northwest School of Agriculture, on the evening of December 1, culminated months



of planning on the part of the staff and student body at the Northwest School. LeRoy M. Field, a member of the Northwest School staff, who studied in Europe last summer, is largely responsible for the exchange student project.

Louis Quijada is from Caracas, Venezuela and has come to the Northwest School to study on a foreign student exchange basis. The students and staff of the Northwest School are contributing to a fund which will provide for board, room, and tuition, for Louis while he attends

school here. Already, Louis has made quite a mark at the school among the student body. He speaks four languages, has talent in vocal music, and particularly likes swimming and reading. He is classified as a Junior and presently is taking geometry, algebra, English III, biology, and physics. Louis comes from a family of nine children. His father's occupation is that of a mechanic and is presently working on the Island of Aruba, just off the coast of Venezuela, South America.

During week-ends and school vacation periods, Louis will be a guest in the homes of many of the students in the area served by the Northwest School. In this way, he will gain firsthand knowledge of life as lived in this section of the United States. It is hoped that students, staff, and parents of the Northwest School students will grow in understanding of our Latin American neighbors.

## WRESTLING SEASON OPENS FOR NW AGGIES

By J. Kruta

Wrestling season has started at the Northwest School. Since the first part of November, a squad of 25 to 30 boys has worked out to get in shape for the coming season. In their first meet on December 8 against the strong Bemidji High School, the Aggies won 42-7, while the Aggie "B" team won 30-20. On December 11 the wrestlers motored to Grand Rapids and won over the North Central Aggies by a score of 41-8. The following morning, they met the strong Grand Rapids High School and lost by a score of 31-12. Grand Rapids is rated among the top ten high school wrestling teams in the state.

The prospects for the year look good, barring any injuries. The Northwest School wrestling squad has several veterans back, and among them

(Continued on pg. 2, col. 1)

## SUGAR BEET RESEARCH EXPERTS ATTEND CONFERENCE AT NWS

Research experts from four different agencies met at the Northwest Experiment Station, Crookston, on December 4 for a full day's conference on sugar beet research as it concerns the Red River Valley area. The objective of the conference was to take an over-all look at the sum total of research work that is under way and as such affects sugar beet production on the Red River Valley farms.

Thirty-six men attended the day's conference. Research experts from the U. S. Department of Agriculture, the University of Minnesota, the North Dakota Agricultural College, and the American Crystal Sugar Company were present in full force and presented papers covering the extent of the sugar beet work which is under way in their particular organizations. A few of the

(Continued on pg. 2, col. 1)

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

### MUSIC GROUPS PRESENT CHRISTMAS CONCERT

A Christmas concert was presented by vocal music groups of the Northwest School of Agriculture on Thursday evening, December 17, in Kiehle auditorium. Director of the concert was Mrs. Carlin Berg, music instructor.

The program was given in two parts. "Promise Fulfilled" was the sacred theme of the first part of the program, presenting the story of Christmas in music, narration, and tableau. A number of secular Christmas songs were sung in the second half of the program with the theme "Joyous Christmas." The mixed chorus as well as smaller groups, and soloists chosen from the chorus, were assisted by the varied talents of other students.

A large and appreciative audience enjoyed the concert.

### Sugar Beet Research Conference at NWS

(Continued from pg. 1)

directors and also the research committee from the Red River Valley Beet Growers' association were present and participated in the discussions.

According to Superintendent B. E. Youngquist, the group was pleased with the large amount of research work that is under way concerning sugar beets. Further, the group expressed concern about proceeding faster on some of the emerging problems. Cercospora leaf spot is one such problem. More work is needed on fertilizer problems. Over one hundred pages of proceedings represented the day's evaluation and consideration of sugar beet research work.

H. P. H. Johnson, general agriculturist for the American Crystal Sugar Company, Denver, Colorado; Dr. J. A. Callenbach, North Dakota Agricultural College, Fargo; and Dr. M. F. Kernkamp of the University of Minnesota, St. Paul, wound up the day's conference with "Observations and Evaluation of Sugar Beet Research."

A similar conference will be held some time in the future.

### Wrestling Season Opens for NW Aggies

(Continued from pg. 1)

are six seniors who have had considerable experience. If the wrestlers continue working and improving, the season should be a successful one.

### 1959-60 BASKETBALL PREVIEW

by H. H. Lysaker

The basketball team at the Northwest School this year has the potential of playing a brand of ball that could be hard to equal by any future Northwest Aggie team. The squad has good size, fair speed, and an abundance of team spirit. It is below par, so far, in its shooting and physical condition. We are hoping that through hard work and practice these two defects will be overcome. With the good schedule that has been arranged for the team we expect them to add polish and poise to their play as the season progresses.

In the four games with Sisler High of Winnipeg, the boys gained valuable needed experience. These international games brought out the strong and weak points of the squad so we know what to stress most during the pre-holiday schedule.

The Aggies split the four opening games in high school competition. The Sacred Heart and McIntosh teams nosed the Aggies out in the season openers. The Aggies were equally fortunate in nosing out the Climax Vikings, 42 to 40, and the Oslo Panthers, 57 to 48.

The "B" team, under the direction of a former Aggie athlete, Dick Miller, is being well drilled in fundamentals. These boys are making steady progress.

### WINTER TERM AT NWS OPENS JANUARY 4

Registration for the winter term at the Northwest School of Agriculture will take place on Monday, January 4, 1960, beginning at 8:30 a.m. Classes will begin on Tuesday, January 5, at 8:15 a.m.

For the fall term, the enrollment by classes was as follows: 50 freshmen, 83 sophomores, 102 juniors, and 102 seniors; total, 337.

A number of rooms will be available for new students, registering on January 4, in both the boys' and girls' dormitories.

### Northwest School COMING EVENTS—1960

- Jan. 4 — Winter Term Begins
- Jan. 12 — Awards Assembly —  
Home Project Work
- Feb. 4 — Student Variety Night
- Feb. 20 — Ag School Basketball  
Conference — at Waseca
- Feb. 22 —  
26 — R. R. V. Winter Shows
- Feb. 27 — Ag School Wrestling  
Conference — at Grand  
Rapids
- March 3 — Senior Class Play
- March 12 — Junior-Senior Prom
- March 20 — Baccalaureate Services
- March 25 — Commencement  
Exercises

### SUGAR BEET RESEARCH CONDUCTED AT NW STATION

By O. C. Soine

Several new research projects in sugar beets were conducted at the Northwest Experiment Station, Crookston, this year in response to requests from several interested groups.

One part of this experimental work dealt with chemical weed control in sugar beets. Several new chemicals were tested to determine their effect on weeds and also on the stand, yield, and sugar content of the crop. A brief statement about these chemicals might be helpful and interesting.

E. P. T. C. (also called Eptam) is a new chemical that will control most annual grass weeds including wild oats and also annual broadleaf weeds. It is a pre-emergence treatment and must be thoroughly mixed with the soil. This chemical will cause some reduction in stand of beets.

Endothal was tested last year, and again this year but the results were not satisfactory.

Carbyne is a new chemical that is being used for wild oats, and was included in this year's trials.

Dalapon can be used as an emergency treatment to control grassy weeds. It is applied as a post-emergence spray when the beets are in the 2-4 leaf stage; however, some damage may occur at high rates of 6-8 lbs. per acre.

The use of T. C. A. is a recommended practice to control grassy weeds like green foxtail, yellow foxtail, and barnyard grass. It has given good control.

Another phase of this year's work was concerned with the effect of commercial nitrogen on the yield and sugar content of the beets. This subject has been discussed for some time by both the growers and the processors. The growers feel that nitrogen may increase the yield per acre, while the processors claim that too much nitrogen interferes with the extraction of sugar.

To obtain some information on this subject, field experiments were laid out on six different farms in this area. Three of the fields were on black summer fallow and three on sweet clover or alfalfa fallow. Ammonia nitrate at the following rates was used: 0, 10, 20, 30, 40 and 50 lbs per acre. Yields, per cent stand, and sugar content will be determined on these plots this fall.

A third phase of this year's work dealt with the effect of nitrogen, phosphate and potash, alone, and in various combinations on the yield and sugar content of sugar beets. Rates from 40 lbs. to 400 lbs. were used. From last year's results, nitrogen gave a slight increase in yield,

(Continued on pg. 3, col. 3)

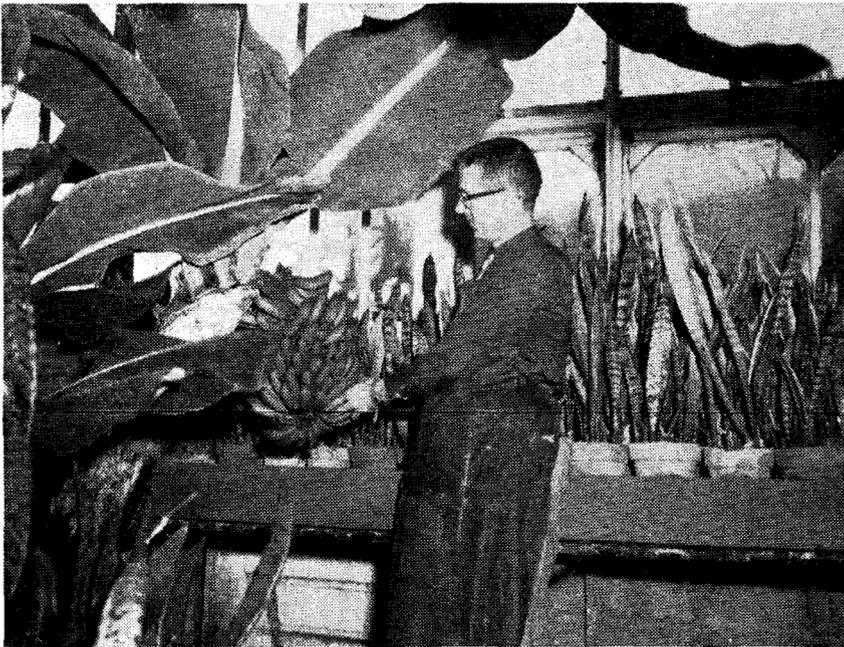
## Beef Feeding Trials at NWS Investigating Protein Levels

by E. C. Frederick

Alfalfa hay, barley, oats, and molasses are readily available to cattle feeders of Northwestern Minnesota. In using these feeds, is it possible to put money-making gains on cattle without protein supplement? This is one of the questions under investigation in the current cattle feeding trial. Four lots, with 10 yearling Hereford steers in each, are being used at the Northwest School and Experiment Station, Crookston, to determine the value of a protein supplement and the value of 3 per cent molasses in a ration consisting of pelleted barley and oats and alfalfa hay free-choice. One-half of the steers in each lot were implanted with 24 mg. of stilbestrol.

The pelleted grain mixture, being fed to lots 1 and 2, consists of 70 per cent barley and 30 per cent oats, while lots 3 and 4 are receiving a pelleted mixture consisting of 68 per cent barley, 29 per cent oats, and 3 per cent molasses. Lots 1 and 3 receive one pound of soybean oil meal per head per day, while lots 2 and 4 receive no protein supplement. All lots receive alfalfa hay, mineral and water on a free-choice basis.

(Continued on pg. 4, col. 3)



Two banana plants in the greenhouse at the Northwest School and Experiment Station, Crookston, both have had ripening bunches of bananas during December 1959.

The original root was obtained for the greenhouse in 1925 by T. M. McCall, who was horticulturist at the Station that year. The plants have been growing and fruiting since 1928. Several bunches are produced every year from suckers which grow up from the original root.

Pictured above is B. C. Beresford, horticulturist at the Station, displaying one of the bunches of ripening bananas.

## STUDENTS RECEIVE ATHLETIC AND SCHOLARSHIP AWARDS — CAPTAIN-ELECTS ANNOUNCED

At the Awards Assembly held at the Northwest School of Agriculture on December 4, athletic A's, service chevrons, and captain stars were awarded to members of the Northwest School football and cross-country teams for participation in these sports during the fall term. Seventeen students were awarded honor roll scholarship certificates.

LeRoy Guttormson of Georgetown was elected by his teammates as the most valuable player on the football squad for the 1959 season. His name will be inscribed on the "most valuable player award" plaque.

Team captains elected for the 1960-61 school year were introduced by retiring captains of the football and cross-country teams. Gene Ovsak of Euclid and William Austin of Baker were elected co-captains of the 1960 football team. Elected as co-captains of the 1960 cross-country team were Bradley Cook of Barnesville and Richard Hutton of Manvel, N. Dak.

Football awards presented were: Letter "A"—Halward Anderson, Warren; William Austin, Baker; Kenneth Beckman, Blanchard, N. Dak.; Ronald Carlson, Stephen; Gary Hoper, Stephen; Ray Patenaude, Red Lake

Falls; Paul St. Germain, Argyle; Jerry Tjon, Twin Valley; David Vona-sek, Angus; Martin Wall, Larimore, N. Dak.; 2-Bar Chevrons—Allard Carlson Stephen; Francis Ackerman, Thompson, N. Dak.; LeRoy Guttormson, Georgetown; Dale Helm, Drayton, N. Dak.; Donald Kaml, Greenbush; Leonard Hoselton, Thompson, N. Dak.; Ardell Magnusson, Roseau; Terry Nelson, Ada; Gene Ovsak, Euclid; David Peppel, Borup; Wallace Philipp, Thief River Falls; 3-Bar Chevrons—Richard Danielson, East Grand Forks, and Curtis Ellingson, Reynolds, N. Dak.; Captain's Star: Co-captains Richard Danielson, East Grand Forks, and LeRoy Guttormson.

Students receiving cross-country awards were: Letter "A" — Bradley Cook, Barnesville; Harry Slominski, Ardoch, N. Dak.; Mark Hoper, Stephen; Hugh Swift, rural Crookston; Pat McKeever, Oak Island; 2-Bar Chevron—Gerald Otteson, Mora; Richard Hutton, Manvel, N. Dak.; 3-Bar Chevron—Gary Ovsak, Euclid; Roger Diedrich, Warren; Daniel Straus and Kenneth Straus, East Grand Forks; Captain Star—Gary Ovsak.

Scholarship certificates for four consecutive terms on the Honor Roll, were awarded to: Eric Fehr, East Grand Forks; Myrna Anderson, Mayville, N. Dak.; Loretta Hanson, Reynolds, N. Dak.; Janice Steinhauer, Thief River Falls, and Daniel Wilkens, rural Crookston. Receiving certificates for six consecutive terms on the Honor Roll were: Gary Ovsak, Euclid; Bette Hovet, Thompson, N. Dak.; Gary Mattson, Mayville, N. Dak.; Russell Schumacher, Drayton, N. Dak. For two consecutive terms on the Honor Roll, certificates were awarded to: Milton Schumacher, Drayton, N. Dak.; David Ebertowski, Grafton, N. Dak.; Louise Schroder, Mekinock, N. Dak.; James Bornsen, Inkster, N. Dak.; Rodger Swanson, Arvilla, N. Dak.; Mary Ostrem, Felton; Harvey Peterson, Kempton, N. Dak., and Leilei Tvinnereim, Manvel N. Dak.

The football awards were made by H. H. Lysaker, football coach; B. C. Beresford, cross-country coach presented the cross-country awards; and E. N. Reiersgord, principal, presented the honor roll certificates.

## Sugar Beet Research Conducted at NWS

(Continued from pg. 2)

but lowered the sugar content. Phosphate produced the highest yield of the three separate fertilizer materials, but lowered the sugar content only slightly. Potash produced a slight increase in yield and also increased the sugar content. The best increase in yield came from a combination of nitrogen, phosphate and potash in a 1-2-1 ratio.

## NORTHWEST SCHOOL BRIEFS

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

\*\*\*Jaroslav I. Kruta, '49, graduated with the degree of LL.B. from the School of Law, University of North Dakota, Grand Forks, on June 7, 1959. In October, he was admitted to the Minnesota Bar.

\*\*\*Paul Bergeson, '54, who is attending Northwestern College, Minneapolis, was recently elected student body president.

\*\*\*Barbara Thureen, '58, graduated from the Crookston School of Practical Nursing, Bethesda Hospital, on September 10. She is now employed at the Bethesda Hospital, Crookston.

\*\*\*Marilyn Jahnke, '59, won first place in the senior division of the district "make-it-yourself" with wool contest conducted at the University of North Dakota on November 25. There were 37 entrants in the district for North Dakota. She is eligible to enter the North Dakota state contest.

\*\*\*Barbara Kagg, '55, won first place in the Minnesota senior division of the district "make-it-yourself" with wool contest held on November 7 at Thief River Falls. She will enter the state contest in Minneapolis.

\*\*\*Miss Anne Simley of St. Paul, a former member of the English faculty at the Northwest School, is making her home at 1650 Hewitt Avenue, St. Paul. She is retired from her position as Assistant Professor of Speech at Hamline University. Miss Simley has recently completed a book entitled "Oral Interpretation Handbook" which will be published by Burgess Publishing Company in January 1960. It is intended for use in high schools principally.

\*\*\*Larry Kresel, '57, of Angus, won two top honors at the 1959 Dairy Day held at Thief River Falls in June 1959. He won the grand champion purebred award with his Holstein and won top honors in showmanship. He won showmanship honors in 1958 also.

\*\*\*Terrance Dahl, '59, has been awarded a Northern States Power Company scholarship for study in agricultural engineering at the University of Minnesota.

\*\*\*Wallace Miller, '25, of New Prague, left on August 14 for a trip to Japan. He was to represent the Minnesota Valley Breeders' Association; he is manager of the association. Since much research work has already been done in Japan on the artificial breeding of swine, Dr. E. Graham of the University of Minnesota and Mr. Miller were to get firsthand information on research work on swine which has been carried on in Japan. He was gone for five weeks and also visited Alaska, Tokyo, Korea, Philippine Islands, Okinawa, Hong Kong, and Hawaii.

### Marriages

\*\*\*Miss Barbara Hylland of Grygla to Wayne Lunsetter on August 9. They are making their home in Fargo.

Barbara graduated from the North Dakota Agricultural College, Fargo, in June 1959, and Wayne is completing his course at the college this winter.

\*\*\*Miss Marjorie Zippa of Argyle to Robert Kuznia of Stephen, on November 14, at Argyle.

\*\*\*Miss Treasure Ann Soltis of Warren to Roger Omdahl of Angus, on November 14, at Warren.

\*\*\*Miss Gloria Peterson of Grafton, N. Dak., to John Schiller of Minot, N. Dak., on November 3, at Grafton, N. Dak. They are making their home in Kearney, Nebraska.

\*\*\*Miss Carol Mae Bestland to Lawrence (Larry) Driscoll of East Grand Forks, on October 25.

\*\*\*Miss Marilyn Cormican to David Goosen, of Euclid on October 31, at Euclid.

\*\*\*Miss Sandra Lee Anderson of Grand Forks, N. Dak. to Roy Palya of Angus, on October 31, at Grand Forks.

\*\*\*Miss Arlene Dietrick of Thief River Falls to Donald Wald of St. Hilaire, on October 17. They are making their home at 224 No. Kneale, Thief River Falls.

\*\*\*Miss Donna Helgeson of Crookston to Roger Ulseth of Crookston, on October 10.

\*\*\*Miss Ila Jane Floan of Fertile to Ronald Urness of Crookston, on October 10, at Crookston.

\*\*\*Miss Barbara Buchner of Warren to Lawrence Kuznia of Stephen, on October 10, at Warren.

\*\*\*Miss Arlene Wilson to Donald Bjorklund of Hillsboro, N. D., on August 14, at Hillsboro.

\*\*\*Miss Mildred A. Peterson of Plummer to Roland Klammer of Gatzke, on August 22, at St. Hilaire. They are making their home at Gatzke, Minnesota.

\*\*\*Miss Judith Ann Piker of Angus to Ernest Smart of Monson, Mass., on July 4 at Tabor. Their address: 502 Lincoln Drive, Grand Forks, N. Dak.

\*\*\*Miss Marlys Magsam of Euclid to Ray Wimer of Rochester on October 2.

\*\*\*Miss Judy Hanson of Crookston to Allan Dragseth of Eldred, on August 29, at Crookston. Their address: Eldred, Minnesota.

\*\*\*Miss Kay Turner of East Grand Forks to James Roberts of East Grand Forks, on September 5, at East Grand Forks.

\*\*\*Miss Virginia Carlson of Roseau to Glen Arneson of Ross, on August 31, at Roseau. They are making their home in Ross, Minnesota.

\*\*\*Miss Carolyn Kramer of Crookston to Alton Kirk of East Grand Forks, on September 5, at Crookston.

\*\*\*Miss Muriel Hannah of Crookston to Alton Tinkham of Fisher, on August 8, at Crookston.

\*\*\*Miss Jean Ann Nelson of Milnor to Maynard Helgaas of Beltrami, on June 27. Their address 89 Second Avenue, No., Wahpeton, N. Dak.

\*\*\*Miss Arlene Joanne Bergh of St. Vincent to Ronald Curtis of Hallock, on June 20, at Humboldt. Their address: Atchison, Minnesota.

\*\*\*Miss Janice Abrahamson of Crookston to Dale Finkenbinder of Crookston, on June 27. Their address: Crookston, Minnesota.

\*\*\*Miss Kay Olson of Port Edward to Willis A. Finifrock of Barnum, on September 12, at Minneapolis. Their address 2109 Bryant South, Minneapolis. Willis is a senior at the University of Minnesota.

### Births

\*\*\*To Mr. and Mrs. Leonard Blade (nee Anna Mae Ecklund), a son, Dean Marvin, on October 10.

\*\*\*To Mr. and Mrs. Daniel J. Whalen, a son, Keith Allen, on May 12, 1959. Their address: 411—Tenth Street, Havre, Montana.

\*\*\*To Mr. and Mrs. Wayne Cameron, a daughter, Michele Rens, on March 12, 1959. Their address: 1117 Michigan St., Hibbing, Minnesota.

\*\*\*To Mr. and Mrs. Rodney Mosher of Beltrami, a son, on November 2.

\*\*\*To Mr. and Mrs. Peter A. Harder (nee Bernice Lindstrom) of Warroad, a daughter, Mary Alana, on December 1.

### Beef Feeding Trials at NWS

(Continued from pg. 3)

The trial was started on November 23, 1959, and is expected to run approximately 150 days. The experiment will help answer the following questions:

1. Is a protein supplement needed for fattening yearling steers on a ration consisting of 70 per cent barley, 30 per cent oats, and alfalfa hay free-choice?

2. Will molasses enhance the palatability of a pelleted barley and oats ration and thereby increase feed intake and rate of gain?

3. Will an implant of 24 mg. of stilbestrol increase rate of gain and return over feed cost when fattening yearling beef steers?

### Journalism Class Edits School Paper

Heading the "Aggie Rouser" staff at the Northwest School this year is Ethelyn Brandli of Warroad as editor-in-chief, with Glenda Porter of Grandin, N. Dak., and Judy Ann Kresl of Angus as co-editors. Sports editors are Roger Diedrich of Warren and Curtis Ellingson of Reynolds, N. Dak., and the artists are Ronald Dufault of Red Lake Falls and Richard Abney of Orleans. Miss Margaret Larsen of the English faculty serves as adviser.

"The Aggie Rouser" is a school paper published by the Journalism class at the Northwest School. It is a mimeographed publication and issued eight times during the six-month school year. Journalism is a required course in the senior year.