

# THE NORTHWEST MONTHLY

Published Monthly by the Northwest School of Agriculture of the 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.

VOL. 22.

CROOKSTON, MINNESOTA, DECEMBER, 1937.

NO. 1.

## Winter Term Opens January 3

### Registration Day - Jan. 3

The winter term at the Northwest School of Agriculture at Crookston opens with Registration Day on Monday, January 3. Superintendent T. M. McCall states that the increased interest in vocational training in agriculture, home economics and business training will result in at least a twenty percent increase in attendance over the all-time high record of 1936. With the record enrollment of 440 for the fall term, a new record near the 500 mark is expected for the winter term.

A large amount of new equipment in home economics, agricultural engineering, advanced business, and general agricultural courses, together with visual education equipment, has modernized the work of all departments. Many new students unable to attend during the fall term are planning on entering at the beginning of next term. An increasing number of high school graduates are finding that many of the regular courses offer them vocational which they need for special work. A number of former students lacking a few credits to finish a year's work will return to continue their work.

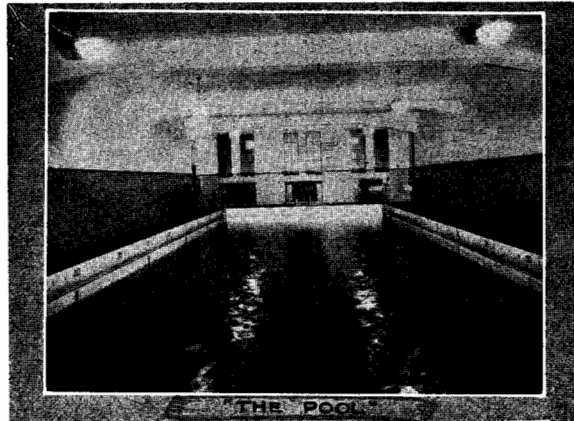
J. W. Mlinar, Registrar and chairman of the housing committee, states that dormitory facilities at the school supplemented by supervised dormitory accommodations in Crookston will be adequate to care for the increased enrollment. A number of boys can still be accommodated in the Stephens' Hall dormitory. Bus transportation will be furnished again during the winter term to students boarding at the school who are required to live in supervised dormitories or rooming houses in Crookston.

Tuition aid granted by the 1935 Legislature, which affords rural school students who meet the requirements, opportunity to attend schools of agriculture with tuition paid by the state, has enabled a large number of students to attend school. A student to qualify for the tuition aid, which covers all necessary tuition, laboratory and equipment fees, must be a grad-

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### STUDENTS ATTEND JUNIOR LIVESTOCK SHOW

Sixteen Northwest School students who won trips to the Junior Live Stock Show this year sold their poultry, pigs, and baby beeves for a total of \$1,337.17, or an average of \$83.57 each. Arthur Weber of Crookston topped the list of prize winners in the total receipts by getting \$19.61 for his Hereford baby beef. Harold Anderson of Mahnomen had the distinction of getting the highest price per pound when he sold his Jersey White Capons for \$.90 per



pound, to make a total of \$38.00 for five birds. Seven Red River Valley counties were represented by the Northwest School delegation to the Junior Live Stock Show. The students attending the show in the county, and the amounts won by each include: Becker county, Roy V. Hanson, baby beef \$65.00, and Gerhard Ganrud, baby beef \$105.00; Clearwater county, Ernest Rydeen, fat barrow \$34.00; Kittson, Le Roy Hanson, fat barrow, \$40.00; Mahnomen, Harold W. Anderson, 5 capons, \$38.00; Albert Adler, fat barrow, \$28.80; Norman, Roy Lerud, baby beef, \$125.00, and Howard Heitman, baby beef, \$136.00; West Polk, Arthur Weber, baby beef, \$190.61, Junior Kiddoo, baby beef, \$125.79; Russel Quarberg, baby beef, \$116.00; Donald Geddes, lamb, \$12.43; Vernon Roe, fat barrow, \$29.75;

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### Winter Shows--Feb. 7-11

The Red River Valley Winter Shows and Northwest School Farmers' Week will be held during the week of February 7-11, 1938. The Board of Managers has arranged the main features of the program, and the details of the program are rapidly taking shape. Governor Elmer A. Bensen has been invited to give an evening address; Homer L. Challeaux, Americanization chairman of the National committee of the American Legion, and one other speaker of national reputation, will be the other evening speaker.

The Northwestern Minnesota Singers' Association concert will be augmented with outstanding soloists again this year. Outstanding leaders in agriculture and home economics have been secured to bring the latest information to the men's and women's day meetings. More than one hundred and fifty members of livestock and crops judging teams from agricultural school of three states, farmers' clubs, 4-H clubs, and high schools of Minnesota will compete for judging honors in the contests on February 7. Tuesday, February 8, has been designated as crops and soils day, a feature of which will be reports and demonstrations, and cultural and chemical methods of eradicating noxious perennial weeds. Wednesday, Feb. 9, has been set aside as Live Stock Day, with Dean W. C. Coffey and members of the Animal and Dairy Husbandry Department as headline speakers. Thursday will be Potato Day when disease, seed and storage problems will be discussed by specialists on the subject. Soil conservation and problems of marketing will be considered on the Friday men's program. Foods, clothing, health, and music will feature the women's programs during the week. Advance copies of premium lists in livestock, poultry, and farm crops will be mailed to prospective exhibitors before January 1.

The members of the Board of Managers of the Red River Valley Winter Shows and the organizations they represent include: T. M. McCall, Presi-

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## THE NORTHWEST MONTHLY

Issued Monthly by  
THE UNIVERSITY OF MINNESOTA  
NORTHWEST SCHOOL OF  
AGRICULTURE,

T. M. McCALL, Superintendent

OFFICE  
Northwest Experiment Station,  
Crookston, Minnesota

A monthly publication in the interest of  
agricultural education and home training for  
Northwestern Minnesota.

### HONOR ROLL AND HIGH SCHOLARSHIP RATINGS FOR MIDTERM

A total of twenty-six students made honor roll at the end of the first six weeks of the fall term, with ratings of 2.5 points or above. Patricia Durbahn of Angus, and Dorothy Setterholm of Baudette, had the distinction of making straight "A" average of 3.00, while 26 students made the high scholarship ranking of 2.5.

Freshmen redeemed themselves for their poor showing on the honor roll by placing twenty of their number in the high scholarship group. The grades for the student body, as a whole, were quite satisfactory, with but few below grades reported.

#### Honor Roll (2.5 points or above)

**Freshmen:** Owen Weckwerth, Hazel, 2.58; Louise Krogstad, Fertile, 2.56.

**Juniors:** Esther McFarlin, Oslo, 2.85; Gladys Friedman, Callaway, 2.77; Dorothy Hanson, Trail, 2.70; Bette Haug, Oslo, 2.60; Mabel Brandli, Warroad, 2.52; Lorraine Chappius Crookston, 2.52;

**Seniors:** Dorothy Setterholm, Baudette, 3.00; Wilson Radway, Roosevelt, 2.89; Arthur Gordon, Oklee, 2.83; Donald Handegaard, Dale, 2.78; Eleanore Weber, Crookston, 2.76; Robert Nelson, Fergus Falls, 2.55; Daniel Wavra, Tabor, 2.51.

**Advanced:** Patricia Durbahn, Angus, 3.00; Dorothy Evans, Middle River, 2.96; Cora Dalager, Pelican Rapids, 2.81; Marshall Evans, Middle River, 2.86; Woodrow Evans, Gully, 2.65; Ray Higgin, Bronson, 2.65; Dianysius Young, Waubun, 2.62; Duane Moen, Gary, 2.59; **Special:** Harry Ward, Duluth, 2.80; Edna Finnstad, Newfolden, 2.64; Rosemary McKinnon, Crookston, 2.54.

#### High Scholarship (2.00 points through 2.4 points)

**Freshmen:** Edward McMillan, Mahnomen, 2.44; Clarence Sargent, Crookston, 2.38; Tilford Slettedt, Oklee, 2.37; Josephine Moe, Lancaster, 2.32; Emma Wettstad, Middle River, 2.30; Generva Radway, Roosevelt, 2.29; Anna Sorenson, Baudette, 2.28; Mildred Breiland, Hazel, 2.24; Donald Nelson, Kennedy, 2.23; Raymond Hoppe, Crookston, 2.15; Harvey Pederson, Kennedy, 2.13; Janice Brager, Baudette, 2.08; Robert Wavra, East Grand Forks, 2.08; Clara Seeger, Red Lake Falls, 2.05; Carol Peltier, Crookston, 2.04; Samilla Ecklund, Hallock, 2.04; Gladys Vesledahl, Winger, 2.04; Opal Mykelby, Climax, 2.04; Doris LaPlante, Fisher, 2.00; Arthur Weber, Crookston, 2.00.

**Juniors:** Katherine Viker, Halstad,  
(Continued on Page 5, Col. 1)

### PROJECT SHOW WINS PRAISE

The Home Project Show of work done by Northwest School students was the largest in years and the quality of work done was pronounced excellent by judges and project supervisors. County Agent Carl Ash judged the boys' projects and Mrs. H. A. Pflughoeft judged the work in the girls' projects.

Ribbon awards were made in all classes of project work on display. The final awards, the loving cups and plaques for project work, will be awarded in December at which time the Record of Achievement will be the criterion on which awards are made.

Winners in the home project show included: **Girls' Work:** Sewing Awards: **Wash Dress Ensemble:** 1st, Dorothy Kliner, Angus; and Anna Jensen, Borup, tie; 2nd, Luella Hanson, Trail; 3rd, Dorothy Hanson, Trail; **Silk Dress:** 1st, Helen Hemmestvedt, Goodridge; 2nd, Katherine Molacek, Bemidji. 3rd, Adelle Hamre, Beltrami. **Wool Dress:** 1st, Delsie Filipi, Angus, and Myrtle Hanson, Twin Valley, tie; 2nd, Alta Swenson, Fertile; 3rd, Faith Thieling, Grygla; **Room Furnishing:** 1st, Delene Hegreberg, Ada; 2nd, Dorothy Abbott, Mentor. **Thrift:** 1st, Faith Thieling, Grygla; 2nd, Dorothy Evans, Middle River; 3rd, Martha Rasmussen, Ada; **Hemstitching:** 1st, Ivy McVeety, East Grand Forks; 2nd, Cora Dalager, Pelican Rapids. **Needlecraft:** 1st, Katherine Molacek, Bemidji; 2nd, Dorothy Evans, Middle River; 3rd, Leona Kellerman, Roseau. **Embroidery:** 1st, Ivy McVeety, East Grand Forks; 2nd, Rita Fitzimmons, Euclid; 3rd, Helen Kellerman, Roseau. **Cooking Awards:** **Bread Baking:** 1st, Dora Westling, Roseau; 2nd, Anna Jensen, Borup; 3rd, Bette Haug, Oslo. **Cookies:** 1st, Esther McFarlane, Oslo; 2nd, Luella Hanson, Trail; 3rd, Evelyn Brandt, Gonvick. **Cakes:** 1st, Gloria Boyd, Warren; 2nd, Ruthellen Lindamood, Baudette; Orda Slettedt, Oklee. **Pies:** 1st, Geraldine Johnson; 2nd, Dorothy Setterholm, Baudette; 3rd, Edna Hoppe, Crookston. **Meat Canning:** 1st, Myrtle Hanson, Twin Valley. **Canning Fruits and Vegetables:** 1st, Delene Hegreberg, Ada; and Dorothy Setterholm, Baudette, tie; 2nd, Esther Ruebke, Ada. **Preserving:** 1st, Grace Johnson, Thief River Falls; 2nd Ivy McVeety, East Grand Forks; 3rd, Marie Blakely.

#### Boys' Work

**Irish Cobbler Potatoes:** 1st, Wallace Aschback, Ada; 2nd, James Lenes, Fosston; 3rd, Cyril Sorrels, Williams. **Early Ohio Potatoes:** 1st, Marion Erlandson, Kennedy; 2nd, Dell Durbahn, Angus; 3rd, Clarence Norum, Hallock. **Bliss Triumph Potatoes:** 1st, Ray Sorvig, St. Hilaire; 2nd, Ralph Hvidsten, Stephen; 3rd, LeRoy Larson, East Grand Forks. **Warba Potatoes:** 1st, Dean Youngren, Kennedy. **Corn:** 1st, Kenneth Roswald, Underwood; 2nd, Ernest Peterson, Williams; 3rd, Lloyal Harris, Wadena. **Gardening:** 1st, Dana Edgar, Warren. **Thatcher Wheat:** 1st, Gale Bergh, Hallock; 2nd, Glenn Dahlgren, Kennedy. **Anthony Oats:** 1st, Lawrence Anderson, Argyle; 2nd, Leonard Hildebrandt, Detroit Lakes; 3rd, Vernon Magnusson, Badger. **Plant**  
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### AWARDS ASSEMBLY

Recognition was given the Northwest School of Agriculture students for achievement in scholarship, athletics, and home projects at the Awards Assembly on Saturday, December 18. Superintendent T. M. McCall called on staff members and donors of plaques to make the awards to the prize-winning students. Professor A. M. Foker, chairman of the Athletic Committee, made the following awards to football players qualifying for the honor "a", sweater, and service bars. Athletes who won sweaters previously were awarded only the service bars: Woodrow Evans, Gully, Captain's star, 3rd year service bar; two service bars: Roy Carlson, Middle River, Ray Carlson, Middle River; Tilford Strand, Twin Valley; Lloyal Harris, Wadena; John Rader, Warroad. Athletic A and sweater: Verne Dahlgren, Kennedy; Lester Knutson, Ashby; Ivan Larson, Fertile; Harvey Peterson, Kennedy; Ernie Prenevost, Red Lake Falls; Robert Sunderland, Crookston; Harry Ward, Duluth; Oray Tangen, Menahga; Ernest Malmskog, Ulen; Tilford Strand, Twin Valley; one service bar: Morris Dahl, Kennedy; Ray Higgin, Bronson. Letters only: James Lenes, Fosston.

Coach R. J. Christgau announced the winners of the winged-foot emblem given to cross-country runners: Werner Weindorf, Jordan; Harold W. Anderson, Mahnomen; Glenn Brandt, Gonvick; Leonard Anda, Perley; and Clarence Klug, Barnesville.

The winner of the coveted "most valuable player" award in basketball, the Ruettell sweater, was announced as Captain Woodrow Evans. The Ruettell Clothing Company was given recognition for the perpetual, add-a-year, bronze plaque donated to the school on which the names of all the winners of the most valued player in basketball and football have been inscribed since the Ruettell Company started the award in 1927.

The students doing outstanding work in eleven of the summer projects offered boys and girls were awarded prize ribbons, bronze plaques, and sweepstake awards. Professor E. R. Clark, project supervisor, awarded first-prize ribbons to students in the projects named: Plant Identification, Clarence Klug, Barnesville; Insect Collection, Ernest Malmskog, Ulen; Pure Seed, Walter Schulz, Fergus Falls; Farm Accounts, Vernon Roe, Crookston; Wind-break Planting, Elmer Moe, Lancaster; Farmstead Beautification, Eleanor Weber, Crookston; Gardening, Glenn Mellesmoen, Fosston; Rocks and Minerals, John Rader, Warroad; and Sweepstakes winner of the Silver loving cup, Henry Becker of Mahnomen, for his outstanding work in Weed Seed Collection and Identification. Mr. O. A. Flaot of Fisher, donor of the Flaot Potato plaque, presented the plaque to Ralph Hvidsten of Stephen, winner in the 1937 potato project. Stuart McLeod, president of the Red River Valley Dairymen's association, presented Albert Adler of Mahnomen, the Dairymen's Association plaque for the greatest achievement in the Dairy Herd Management project. Archie Lee,  
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### JUNIOR GIRLS VOLLEY BALL WINNERS

The Junior girls were awarded the championship in the first annual inter-class volley ball tournament conducted at the Northwest School, under the direction of Miss Elsie Kingston, instructor in girls' physical education. A total of ten games were played to determine the class championship. The Senior girls finished in second place; the Freshmen, third; and the Special girls, fourth.

On Saturday, November 20, the Junior girls defeated the Freshmen two games out of three and the Seniors defeated the Specials two straight. Two weeks later the Freshmen defeated the Specials in two out of three games and thus captured third place. The final match for championship was between the Juniors and Seniors. In two straight games, the Juniors trounced the Seniors to capture the championship and place the Seniors in second place.

The personnel of the class teams was: **Freshmen:** Louise Krogstad, Fertile; Irene Carlson, Angle Point; Eleanor Olson, Halstad; Margaret Ristad, Hal-

lock; Angeline Augustine, Thief River Falls; Camilla Ecklund, Hal-Forks; Joseph-Norum, Hallock; Helen Nisbet, East Grand Forks; Mona Walsh, East Grand Forks; Josephine Moe, Hallock; Emma Wettestad, Middle River. **Juniors:** Dorothy Kliner, Euclid; Esther McFarlane, Oslo; Frances Morrison, Baudette; Eleanor John-

ston, Angus; Ann Jensen, Borup; Leona Shimek, East Grand Forks; Argory Shilakes, Lengby; Amy Nelson, Golvick; Mildred Hildahl, Mentor; Adeline Kliner, Euclid. **Seniors:** Helen Hemmestvedt, Goodridge; Alice Hess, Bemidji; Vera Johnson, Milaca; Faith Thieling, Grygla; Myrtle Hanson, Twin Valley; Dorothy Setterholm, Baudette; Mildred Mykleby, Climax; Edna Hoppe, Crookston; Gloria Boyd, Warren; Delsie Filipi, Angus; Emily Johnson, Milaca. **Special:** Gladys LaDuke, Ebro; Patricia Hart, Mahnomen; Dianysius Young, Waubun; Gladys Friedman, Callaway; Yvonne Frederick, Ogema; Juanita LaDuke, Waubun; Syble Murray, Ebro; Merrilla LaDuke, Ebro.

### STUDENTS ATTEND JUNIOR LIVESTOCK SHOW

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Red Lake county; Donald St. Marie, baby beef, \$131.75; and Ingvald Berg, baby beef, \$125.00.

Each of the contestants has won in addition to the sale value of his animal, numerous prizes at achievement days, county fairs and other shows.

### CROPS JUDGING CONTESTS

The Sub-Collegiate Crops Judging contest among the school of agriculture furnishes a fine example of the educational value of judging contests.

The crop-judging contest to be held Monday, of Winter Shows Week, will be the twelfth annual competition of sub-collegiate teams from agricultural schools in Minnesota, North Dakota, and South Dakota. Schools to be represented are the South Dakota Agricultural School, Brookings; Walsh County Agricultural School, Park River, North Dakota; Central School of Agriculture, St. Paul; West Central School of Agriculture, Morris; North Central School of Agriculture, Grand Rapids, and the Northwest School of Agriculture, Crookston.

The teams consist of three men each, and the contest includes placing and reasons on six groups of seed and the identification of 85 plant specimens. The six seed-classes to be placed are chosen from groups of bread wheat, durum wheat, oats, barley, flax, alfalfa, and sweet clover. Each group consists of four samples. The identification

### AGGIES WIN FOUR GAMES

Registering four victories in five starts, the Northwest Aggies have made an excellent start towards a successful basketball season. Victories have been gained over East Grand Forks, Mahnomen, Fertile, and Warren. In a return game, the latter team turned the tables to administer the only defeat to the Aggies to date.

East Grand Forks High offered the opposition in the first game of the season on Wednesday, November 24. A slow start was made by both teams, although the East Siders controlled the ball throughout most of the first two quarters. At the half-way mark, the score stood 4-4. The third quarter opened with a rush. Eight field goals were registered in rapid succession. At the three quarter mark, the score stood 14-11 for the Aggies. At the final whistle, the Aggies led 16-12. James Lenes, forward, and Roger Panzer, guard, were the outstanding Aggie performers. Lenes registered three field goals, while Panzer scored two baskets and two free throws.

For the second game of the season,

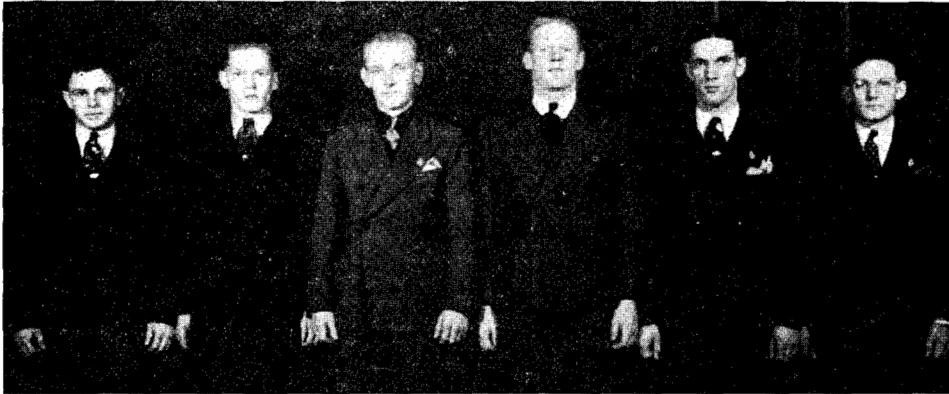
the Northwest quint journeyed to Mahnomen on December 3rd. Once again the Aggies were slow in starting. Mahnomen took an early lead which they maintained until the closing minutes of play when the Aggies forged ahead to eke out a 16-15 victory. At the quarter mark, the Aggies were behind 8-4. At half-time they still trail-

ed 11-8. A spurt in the second half, especially in the final quarter, put the Northwest quint ahead, and at the conclusion of the game they had registered their second victory of the season 16-16.

On Friday, December 10, the maroon and gold quint upset all advance dope when they defeated the Warren High Ponies 24-20 at Warren. The Aggies were given little chance to win. From the opening whistle, they went to work, and with Warren starting its second stringers, the Aggies took a 10-2 lead. The Warren regulars were rushed into the game at the opening of the second quarter and proceeded to narrow the margin between the two teams. The Aggies still led at the half, 17-13. The final whistle had them leading 24-20. James Lenes went on another scoring spree leading his teammates with five goals for a total of ten points. Panzer was second high man with seven points.

The fourth straight victory was gained the next night, Saturday, December 11, over Fertile High, 24-8. The

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CROPS JUDGING SQUAD—1937

Left to Right: Wavra, Mellesmoen, Higgin, Carlson, Hanson, Radway

specimens are chosen from seed of 15 cereals, 20 grasses and legumes, and 38 weeds, from plant specimens of 18 grasses and legumes, 7 potatoes, and 38 weeds, and from 14 plant diseases. Members of the teams are coached to place samples in order of merit based on their value for seed. Admixtures and damage influencing the value of samples for seed purposes and considered in the contest are noxious weeds, non-noxious inseparable weeds, varietal and type admixtures, seed-borne diseases, damage in the form of sprouted kernels, torn seed coats, broken seed, and mold, admixtures of other crop seeds, non-noxious separable weeds, and inert matter such as dirt, chaff, sticks, etc. Contestants must not only learn to recognize and name these factors but must also be able to evaluate them when found in the samples.

In the identification division of the contest, recognition and naming of 150 seeds, plants, or diseases are required of all team members. Samples must be identified by the exact name agreed

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## THANKSGIVING DAY OBSERVED

Thanksgiving Day was observed at the Northwest School in a manner in keeping with the traditions of the school. A committee of the faculty judged the table decorations and awarded five prizes to the tables which were most attractively decorated. A great variety of cereals, gourds, pilgrims, nut baskets, center pieces, and place cards were attractively arranged in the table decorations. The judges were Dr. A. C. Voge, Miss Elvira Bierbauer, and Mrs. T. M. McCall. The following awards were made to the host and hostess respectively to the five highest ranking tables: 1st, Obert Landsverk, Fosston, and Patricia Hart, Ponsford; 2nd, Lawrence Anderson, Argyle, and Faith Thieling, Grygla; 3rd, Bernard Swanson, Oslo, and Patricia Durbahn, Angus; 4th, Byron Hess, Thief River Falls, and Myrtle Hanson, Twin Valley; 5th, Kenneth Dufault, Argyle, and Delsie Filipi, Angus.

The student Thanksgiving Day program was given in the school auditorium at three o'clock. Superintendent T. M. McCall, presided at the program. The following program was presented: Song, "America the Beautiful", by audience; Responsive Reading; Selection "Operatic Stars", arr. De Lamater, by the school orchestra; The Reading of the Proclamation by Duane Moen; Solo "Cloud Shadows", Rogers by Cora Delager; Selection "Breaking Waves Dashed High", arr. by Hemans, by girl's glee club; The Meaning of Thanksgiving by Grace Johnson; Violin solo, "On Wings of Song", Mendelssohn, by Robert Nelson; Selection, "Water Boy", Pitches, boys' glee club; piano solo, "Puck", Grieg, by Delene Heereberg; The Priscilla Procession, girl's glee club; selection "Overture Themes", arr. by DeLamater, school orchestra. The vocal, piano, orchestra, and violin numbers were presented under direction of the members of the music staff including Miss Elvira Bierbauer, Marian Nelson, and Grace Warne. The final number of the afternoon's program was a one-act play entitled "Crinoline and Candlelight" by Jean Lee Latham, directed by Miss Dorothy M. Smith, dramatic coach. Students taking part in this play included: Delsie Filipi, Angus; Marshall Evans, Middle River; Woodrow Evans, Gully; Ray Higgin, Bronson; Lucille Wollin, Eldred; Kermit Trangsrud, Badger; Doroty Abbott, Mentor; Harold Klemetson, Ulen; Dorothy Evans, Middle River; Lowell Lindberg, Warren; Faith Thieling, Grygla; Arthur Gordon, Oklee; Ruthellen Lindamood, Baudette; Katherine Molacek, Bemidji; Verne Dahlgren, Kennedy; Loyal Harris, Wadena; Ferdie Pearson, Lancaster; Earl Rivard, Baudette. Stage managers: Albert Adler, Waubun; Oray Tangen, Menahga; and Clarence Klug, Barnesville. Costume mistresses: Patricia Durbahn, Angus; Cora Dalager, Pelican Rapids; Lois Haug, Oslo; and Phyllis Johnson, Baudette.

## Unicameralism Versus Bicameralism—Debate Question

A great deal of interest has been aroused at the Northwest School over the National debate topic for the year "Unicameralism versus Bicameralism". Professor D. C. Streeter states that this National topic will be used for the triangular debate question between the schools of agriculture this year. In the triangular debate this year, the Northwest School negative team will travel to St. Paul to meet the Central Aggie debaters, and the Morris Aggies will debate the Northwest School affirmative at Crookston. Since the debating teams have been reduced to two members, there is a possibility of the agricultural schools sending two teams and debating both sides of the question with each school; this proposal however may not be adopted this year. Coach D. C. Streeter in commenting on the question for debate and the progress made by prospective debaters makes the following statement: "The wording of the National Debate Topic for the year is: 'Resolved, that the several states should adopt a Unicameral system of legislation'."

"In January of 1937, when the Nebraska State Legislature met, with only 43 persons taking seats, and all of them sitting together in one assembly body, the rest of the states in the American Union looked on with no little interest. We in Minnesota, with our 133 State Senators and Representatives, wondered if the claims for the one-house system would be verified. Would there be a great financial saving. Would one third the number of men get as much work done, without the confusion and last minute rush of the Bicameral setup? Would lobbying and the Conference Committee find less demand for their work?"

But we in Minnesota weren't the only ones interested. Nor has the interest stopped since the middle of May, when the Nebraska legislature adjourned. In fact, the idea of Unicameralism vs. Bicameralism is being heatedly discussed by state legislative bodies and high school students all over the nation. In Minnesota, 86 high schools are using the proposition. And in the Northwest School, the call for study on the subject has met with fine response.

The entire Junior Class of the school has just finished their first unit of work, in a speech on the affirmative point of view. Nearly a hundred and a quarter students have studied and talked on the merits of Unicameralism. After the Christmas holidays, their study will defend Bicameralism, and then the two sides will clash in class debates.

When the invitation for intensive study and inter-school debate participation was extended, there was a response from members from the upper three classes in the school. Among the advanced students are Marvin Nabben, Duane Moen, and Chester Tandberg, all of whom have spoken for the Northwest School in former years. The Senior response was fine, with Arthur Gordon, Wilson Radway, Leonard An-

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## OLE A FLAAT, '16, DONATES BRONZE PLAQUE

A bronze plaque, to be known as the Flaot Potato Plaque, was presented to the school by the donor, Ole A. Flaot, on Saturday, December 18. Ole Flaot, an alumnus of the class of 1916, a leading potato grower and authority on seed-potato production presented the plaque to stimulate and arouse interest in better seed production practices. Mr. Flaot has maintained his student attitude on potato problems since his school days. At the present time Mr. Flaot has a well-equipped laboratory, a full-time scientist as assistant, and through large field trials and large scale storage tests makes scientific research pay large dividends. Mr. Flaot's interests have not stopped with certified seed potato production, but have carried him into the ranks of Master Farmer. Mr. Flaot has made valuable contributions of service to farm organizations. He is now vice president of the Minnesota Farm Bureau, and has represented his state at the National Farm Bureau Meetings. With all his activities, Ole, however, still has time to act with his wife as sponsor of his local 4-H Club.

The first winner of the Flaot Potato Plaque, is Ralph Hvidsten of Stephen, Minnesota, who is a son of an alumnus of the Northwest School. Ralph's father, Alfred Hvidsten, graduated in 1913, and through the years has been a prominent potato grower in the Stephen community.

## AGGIES WIN FOUR GAMES

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game was played in the Northwest School gym. Coach Christgau gave seventeen squad members a chance to perform in this encounter. The Aggies made a slow start due partly to the fact that they were tired from their strenuous game the night before when they upset Warren 24-20. Panzer was high scorer with four field goals. Evans scored twice and baskets were also registered by Isaacson, Lenes, Riel, Brustad, and Ashback.

The Northwest quint suffered the first defeat of the season Friday, December 17, when the Warren High Ponies reversed the tables and scored a 25-19 victory. Warren started with a rush but by the end of the first quarter, the score was tied 6-6. The Ponies gradually pulled away and maintained the lead throughout the last three periods of play. Morris Dahl, with three field goals and two free throws, was high scorer. The Aggies were minus the services of Panzer when a recurrence of a knee injury prevented him from donning a uniform. Ivan Torfin, another regular, was also out of the Warren contest because of ineligibility.

The final game of the first term is scheduled with Gonvick on Tuesday, December 21. After the Christmas vacation period, the Aggies engage in the following games: January 4, East Grand Forks, there; January 8, Gonvick, here; January 12, Park River Aggies, there; January 18, Plummer, here; January 25, Crookston, here; January 29, Grand Rapids Aggies,

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### SEARS ROEBUCK SCHOLARSHIPS AWARDED

The three remaining scholarships to be conferred on freshmen at the Northwest School were awarded by the Scholarship Committee to worthy students in school during the current term. Scholarship, character, leadership, need, and a desire to continue in farming were the factors considered in making the scholarship award. The scholarships of fifty dollars each are to be used by the recipients in the payment of fees or school expenses during the next school term. Students awarded the scholarship for the winter term include: Edward McMillan, Mahnomen; Dayton Jacobson, Pelican Rapids, and Tilferd Slettedt, Oklee. Roy V. Hanson of Detroit Lakes and Clifford Dahlsad of Georgetown received Sears and Roebuck Company scholarships for the fall term.

### HONOR ROLL

(continued from Page 2, Col. 1)

2.48; Dorothy Larson, Argyle, 2.48; Julian Erlandson, Fergus Falls, 2.41; Kenneth Rosvold, Underwood, 2.38; Ruby Breiland, Hazel, 2.38; William Gatheride, Humboldt, 2.31; Harlan Ellinger, Crookston, 2.30; Nannie Gernunson, Pitt, 2.22; Victor Sorenson, Lockhart, 2.22; Elwood Gustafson, Crookston, 2.22; Allan Flaten, Terrace, 2.21; Alice Hoadley, Pelican Rapids, 2.16; Frances Pearson, Lancaster, 2.18; Audrey Anderson, Stephen, 2.11; Amy Nelson, Bagley, 2.11; Florence Altepeter, Crookston, 2.10; Ralph Hvidsten, Stephen, 2.10; Dorothy Kliner, Angus, 2.07; Eleanor Johnston, Angus, 2.04; Sybil Murray, Ebro, 2.04; Glenn Barry, Baker, 2.00.

**Seniors:** Albert Adler, Waubun, 2.48; Elmer Moe, Lancaster, 2.48; Ruben Thompson, Fergus Falls, 2.48; Gladys Worman, Crookston, 2.40; Vernon Roe, Crookston, 2.34; Mildred Mykleby, Climax, 2.32; Esther Worman, Crookston, 2.28; Lloyal Harris, Wadena, 2.17; Willard Peterson, Bronson, 2.10; Delsie Filipi, Angus, 2.05; James Lenses, Fosston, 2.12; Elmore Bergh, Hallock, 2.00.

**Advanced:** Marvin Nabben, Crookston, 2.44; Yvonne McLean, White Earth, 2.36; Ruthellen Lindamood, Warroad, 2.25; Merle Halvorson, Hallock, 2.24; Martha Rasmusson, Aca, 2.11; Ivy McVeety, East Grand Forks, 2.11; Lucille Hodlund, Gully, 2.11; Barbara Claney, Stephen, 2.00; Myrtle Norby, Mahnomen, 2.00; Delene Hegreberg, Ada, 2.36.

**Special:** Katherine Raymond, Crookston, 2.46; Robert Sunderland, Crookston, 2.34; Mildred Reitmeier, Crookston, 2.22; Patricia Hart, Mahnomen, 2.17; Norman Hilleren, McIntosh, 2.00; Lowell Lindberg, Warren, 2.00; Marlys Giese, East Grand Forks, 2.20.

### AGGIES WIN FOUR GAMES

(Continued from Page 4, Col. 3)

there; February 5, Climax, here, and Park River Aggies; February 19, Morris Aggies, here; February 22, Crookston, there; February 26, St. Paul, here.

### CHRISTGAU'S ENTERTAIN FOOTBALL TEAM

Coach and Mrs. R. J. Christgau were hosts to the Aggie football team at a buffet supper on Sunday, November 21. The Christgaus have risen to the occasion each year of feeding sumptuously twenty football players, who laid aside all training rules for the occasion. The boys, however, restrained their appetites sufficiently to safeguard the continuance of the traditional supper. The boys were entertained by motion pictures taken by Mr. and Mrs. Christgau of the 1937 Homecoming game with the North Central Aggies and pictures of the Bemidji game. Each player also recounted incidents of interest in the 1937 football season.

### PROJECT SHOW WINS PRAISE

(Continued from Page 2, Col. 2)

**Collection:** 1st, Clarence Klug, Barnesville, 2nd, Winston Johnson, Milacca; 3rd, Marshall Evans, Middle River. **Seed Collection:** 1st, Henry Becker, Mahnomen; 2nd, Donald Handegard, Dale; 3rd, Raymond Higgin, Bronson. **Insect Collection:** 1st, Ernest Malmskog, Ulen; 2nd, Werner Weindorf, Jordan; 3rd, Edwin Mortenson, Waukena. **Rock and Mineral Collection:** 1st, John Rader, Warroad; 2nd, Woodrow Evans, Gully; 3rd, Clayton Isaacson.

### AWARDS ASSEMBLY

(Continued from Page 2, Col. 3)

International Harvester Company dealer of Roseau, presented the Lee tractor plaque to Maurice Stauning of Beltrami, the student with the best record on tractor operations for 1937.

Miss Retta Bede, project supervisor for home economics projects, announced the winners of Achievement ribbons as: Ivy McVeety, East Grand Forks for cooking and sewing; Edna Hoppe, Crookston, cooking; and Katherine Molacek, Bemidji, sewing. Myrtle Hanson of Twin Valley was awarded the silver trophy for the best all-round work in home economics projects in 1937.

### Scholarships and Certificates Awarded

Three \$50 scholarships, given by Sears, Roebuck and Company, to freshmen boys for outstanding scholarship and ability, were awarded to Edward McMillan of Mahnomen; Tilferd Slettedt of Oklee; and Dayton Jacobson of Pelican Rapids. Honor roll certificates awarded to students whose names have appeared on the two consecutive semester Honor Rolls were won by twenty students, namely, Dorothy Evans, Middle River; Woodrow Evans, Gully; Cora Dalager, Pelican Rapids; Julian Erlandson, Fergus Falls; Patricia Durbahn, Angus; Harlan Ellinger, Edna Hoppe, and Eleanor Weber of Crookston; Fred Cook, Faunce; Otto Haugen, Hillsboro, N. D.; Betty Haug, Oslo; Dorothy Larson, Argyle; Marvin and Perry Nabben, Thief River Falls; Talbert Koppang, Climax; Wilson Radway, Roosevelt; Axel Rynning, Kennedy; Dorothy Setterholm, Baudette.

### ADVANCED CLASS WINS SONG CONTEST

The annual Interclass Song Contest, for many years a feature of the Christmas season at the Northwest School, was held Monday evening, December 20, at 7:30 p. m. in the school auditorium.

In what was considered the best Interclass Song Contest in twenty-one years of competition, the Advanced class under the baton of Verne Dahlgren, Kennedy, won first place in a very close contest. The Senior class, under the direction of Robert Nelson, of Fergus Falls, won second place, followed in order by the Freshmen and Junior classes.

The Interclass Song Contest at the Northwest School is unique in that the entire class participates and every student in the four organized classes gets the benefit of faculty instruction and the two or more weeks of intensive practice involved in the preparation for the contest. Four-hundred students participated in the contest.

Sponsored by the Northwest School's music department, consisting of Miss Elvira Bierbauer, Miss Marian Nelson, and Miss Grace Warne, the contest is intended to give every student enrolled an opportunity to take part. Each class selected a student director and student accompanist.

Miss Grace Warne, of the music staff, presided at the contest and announced the placings.

"O, Come All Ye Faithful" was selected by the music department as the carol to be presented by each class. The following songs were sung by each class: **Freshmen:** "O Little Town of Bethlehem", "Joy to the World", "O, Come All Ye Faithful"; **Juniors:** "Silent Night" and "While Shepherds Watched Their Flocks", "Joy to the World", and "O' Come All Ye Faithful"; **Seniors:** "While Shepherds Watched Their Flocks", "Silent Night, Holy Night", and "O, Come All Ye Faithful."

Directors for the various classes were, **Freshmen:** Josephine Moe, Hallock; **Juniors:** Dorothy Larson, Argyle. Thomas Benson, Euclid; Amy Nelson, Gonvick; **Seniors:** Robert Nelson, Fergus Falls; **Advanced:** Verne Dahlgren, Kennedy; Dorothy Evans, Middle River; Ruthellen Lindamood, Warroad. Accompanists were, **Freshmen:** Opal Mykleby, Climax; **Juniors:** Evelyn Brandt, Gonvick; **Seniors:** Edna Hoppe, Crookston; **Advanced:** Delene Hegreberg, Ada.

Class advisers are: Freshmen, Miss Caryl Meyer and Mr. V. C. Kallal; Juniors, Dr. and Mrs. A. C. Vogeley; Seniors, Miss Dorothy Smith and Mr. W. J. Promersberger; Advanced, Miss Marian Nelson and Mr. D. C. Streeter.

Judges of the contest were members of the Northwest School staff not serving as class advisers and not in the music department. Senior classes in the past have captured first place in the contest ten times, the Advanced have won eight times, and the Juniors took first place twice. In the 1936 contest, the Advanced took first place. The class winning first place was awarded the C. G. Selvig trophy.

## WINNERS OF SILVER TROPHIES AND PLAQUES

### IN NORTHWEST SCHOOL AND WINTER SHOWS CONTESTS

#### COMPLETE RECORD COMPILED SINCE 1915

<b>4-H Crops Judging Contest</b>		1921 Red River, Kittson county.	1924 F. A. Green & Son. Awarded permanently.	
1936 Clay County.		1922 Hallock, Kittson county.		
1937 Clay County.		1923 Happy Corner, Kittson, and Warrenton, Marshall county, tied.	1925 A. Marsden & Son. New trophy provided.	
<b>Spelling Contest</b>		1924 Joe River, Kittson county.	1926 F. A. Green & Son. Durocs.	
1930 Pennington County.		1925 Joe River, Kittson county.	1927 Miner Helgeson, Crookston.	
1931 Becker County.		1926 Joe River, Kittson county. Awarded permanently.	Poland Chinas.	
1932 Polk County.		1927 Happy Corner, Kittson county. New trophy provided.	1928 F. A. Green, Stephen. Durocs.	
1933 Red Lake County.		1928 Warrenton, Marshall county.	1929 J. H. Sargent, Crookston.	
Dec., 1933 Ottetail County.		1929 Sletten, Polk county.	Poland Chinas.	
1935 Ottetail County.		1930 Angus, Polk county.	1930 P. M. Finkenbinder, Crookston.	
1936 Becker County.		1931 Keywest, Polk county.	Chester Whites.	
1937 Ottetail County. Awarded permanently.		1932 Tabor, Polk county.	1931 Spruce Lawn Farm, Hallock.	
<b>Sub-Collegiate Farm Crops Judging Trophy</b>		1933 Boosters, Polk county.	Yorkshires.	
1926 Northwest School, Crookston.		Dec. 1933 Boosters, Polk county.	1932 Arthur Howard, Warren. Durocs.	
1927 West Central School, Morris.		1935 Boosters, Polk county. Awarded permanently.	1933 C. O. Quist, Crookston. Durocs.	
1928 West Central School, Morris.		1936 Roseau county. New trophy provided.	Dec. 1933 C. O. Quist. Durocs.	
1929 North Central School, Grand Rapids.		1937 Roseau county.	1935 C. O. Quist. Awarded permanently.	
1930 Northwest School, Crookston.		<b>Junior Sheep Trophy</b>		
1931 North Central School, Grand Rapids.		1925 Clarence Bergquist, Detroit.	1936 Henry Leyh, Bertha. Durocs.	
1932 Northwest School. Awarded permanently.		1926 Burton Finney, St. Vincent.	New trophy provided.	
1933 North Central School. New trophy provided.		1927 Robert Ash, St. Vincent.	1937 A. F. Giese, Euclid.	
Dec. 1933 West Central School, Morris.		1928 Grace Anderson, Warren.	<b>Beef Cattle Trophy</b>	
1935 Northwest School, Crookston.		1929 Grace Anderson.	1919 M. E. Dahl, Twin Valley.	Shorthorns.
1936 Northwest School, Crookston.		1930 Grace Anderson. Awarded permanently.	1920 Springdale Farm, Rogers, N. D.	
1937 North Central School, Grand Rapids.		1931 Ralph Haugen, Fertile, New trophy provided.	1921 Charles Frank, Warren, Herefords.	
<b>Corn (Sweepstakes) Open Class Northern District</b>		1932 Jorgen Boe, Nielsville.	1922 E. D. Grant, Glyndon, Shorthorns.	
1937 T. M. Butler, E. Grand Forks.		1933 Jorgen Boe.	1923 Northwest School, Crookston. Shorthorns.	
<b>Corn (Sweepstakes) Open Class Southern District</b>		Dec. 1933 Clifford Hirst, Warren.	1924 Albert Paradis, Brooks. Angus.	
1937 Theodore Mellum, Ulen.		1935 Edward Sargent, Crookston.	1925 Monroe Bros., Warren. Shorthorns.	
<b>Legumes (Sweepstakes) Open Class</b>		1936 Gordon Clow, Orleans.	1926 Monroe Bros. Shorthorns.	
1937 Erman Schultz, Red Lake Falls.		1937 Clarence Sargent, Crookston.	1927 Earl Naugle & Son, Ada. Angus.	
<b>Potatoes (Sweepstakes) Open Class</b>		<b>High School Stock Judging Trophy</b>		
1937 Anchor Wurdun, Fisher.		1915 Hallock.	1928 Earl Naugle & Son, Ada. Angus.	
<b>Grains (Sweepstakes) Open Class</b>		1916 Thief River Falls.	1929 Schermerhorn Farms, Mahnommen, Angus.	
1937 Thomas Botko, Warren.		1917 Hallock.	1930 Monroe Bros. Shorthorns.	
<b>Sub-Collegiate Stock Judging Trophy</b>		1918 Roseau.	Awarded permanently.	
1925 Manitoba Agricultural College, Winnipeg.		1919 Thief River Falls.	1931 Monroe Bros. Shorthorns.	
1926 West Central School of Agriculture, Morris.		1920-21 No contests.	New trophy provided.	
1927 Manitoba Agricultural College.		1922 Warren.	1932 Evan Busse, Ottawa. Shorthorns.	
1928 West Central School of Agriculture.		1923 Warren.	1933 Lofgren-McGregor, Ada. Angus.	
1929 Manitoba Agricultural College. Awarded permanently.		1924 Warren. Awarded permanently.	Dec. 1933 Lofgren-McGregor, Ada. Angus.	
1930 Central School of Agriculture, St. Paul. New trophy provided.		1925 Warren. New trophy provided.	1935 Lofgren-McGregor. Angus. Awarded permanently.	
1931 Northwest School of Agriculture, Crookston.		1926 Fisher.	1936 Lofgren-McGregor, Ada. Angus. New trophy provided.	
1932 Central School of Agriculture.		1927 Bemidji.	1937 Emil Lerud, Twin Valley.	
1933 Central School of Agriculture. Awarded permanently.		1928 Park Rapids.	<b>Sheep Trophy</b>	
Dec. 1933 Northwest School of Agriculture. New trophy provided.		1929 Park Rapids.	1919 A. Marsden & Son, Hendrum.	
1935 Northwest School of Agriculture.		1930 Park Rapids. Awarded permanently.	1920 A. Marsden & Son.	
1936 North Central School, Grand Rapids.		1931 Park Rapids. New trophy provided.	1921 Northwest School, Crookston.	
1937 Central School, St. Paul.		1932 Park Rapids.	1922 Northwest School, Crookston.	
<b>Farm Club Stock Judging Trophy</b>		1933 Park Rapids. Awarded permanently.	1923 Northwest School. Awarded permanently.	
1916 Fairfax-Andover, Polk County.		Dec. 1933 Park Rapids. New trophy provided.	1924 A. Marsden & Son. New trophy provided.	
1917 Thompson, Kittson county.		1935 Park Rapids.	1925 A. Marsden & Son.	
1918 Red River, Kittson county.		1936 Gilbert.	1926 A. Marsden & Son. Awarded permanently.	
1919 Thompson, Kittson county.		1937 Warren High School.	1927 Orel and Harold Anderson, Wild Rice, N. D. New trophy provided.	
1920 No contest.		<b>Swine Trophy</b>		
		1919 A. Marsden & Son, Hendrum. Durocs.	1928 Orel and Harold Anderson.	
		1920 F. A. Green & Son, Stephen. Durocs.	1929 Guy Chandler, Mapes, N. D.	
		1921 A. Marsden & Son. Durocs.	1930 Guy Chandler.	
		1922 F. A. Green & Son. Durocs.	1931 Evan Busse, Ottawa.	
		1923 R. E. Moorhead, Euclid. Chester Whites.	1932 R. E. Strutz & Sons, Jamestown, N. D.	

1933 Orel and Harold Anderson.  
Awarded permanently.  
Dec. 1933 Orel and Harold Anderson.  
New trophy provided.  
1935 Orel and Harold Anderson.  
1936 Orel and Harold Anderson.  
Awarded permanently.  
1937 Gordon Clow, Orleans

#### 4-H Livestock Judging Team Trophy

1933 Renville county.  
Dec. 1933 Clearwater county.  
1935 Hubbard county.  
1936 Mahnomen county.  
1937 Mahnomen county.

#### 4-H Junior Showmanship Trophy

1926 Louis Paradis, Brooks.  
1927 Carl Carlson, Detroit Lakes.  
1928 Wayne Naugle, Ada.  
1929 Wayne Naugle.  
1930 Eldred Culver, Lake Park.  
1931 Bennie Strickler, Euclid.  
1932 Bennie Strickler, Euclid.  
1933 Bennie Strickler. Awarded permanently.  
Dec. 1933 William Strickler, Euclid.  
New trophy provided.  
1935 William Strickler, Euclid.  
1936 LeRoy Cournia, Crookston.  
1937 Le Roy Cournia, Crookston.

#### 4-H Junior Beef Calf Trophy

1919 Ralph Finkenbinder, Crookston.  
1920 Ralph Finkenbinder.  
1921 Edwin Hanisch, Stephen.  
1922 Edwin Hanisch.  
1923-25 No contests.  
1926 Russell Nelson, Angus.  
1927 Arnold Vanseth, Angus.  
1928 Ernest Palmer, Warren.  
1929 Wayne Naugle, Ada.  
1930 Lester Lerud, Twin Valley.  
1931 Bennie Strickler, Euclid.  
1932 William Strickler, Euclid.  
1933 Bernard Duffy, East Grand Forks.  
Dec. 1933 William Strickler.  
1935 William Strickler. Awarded permanently.  
1936 LeRoy Cournia, Crookston.  
1937 LeRoy Cournia, Crookston.

#### 4-H Dairy Demonstration Team Trophy

1933 Pennington county.  
Dec. 1933 Norman county.  
1935 Norman county.  
1936 Mahnomen county.  
1937 Norman county. Awarded permanently.

#### 4-H Junior Dairy Calf Plaque

1920 Monica Zurn, Callaway.  
1921 No contest.  
1922 Monica Zurn.  
1923 Allan Gandrud, Detroit Lakes.  
1924 Myrtle Himrum, Lake Park.  
1925 Myrtle Himrum.  
1926 Myrtle Himrum. Awarded permanently.  
1927 Natalie Woolson, Thief River Falls. New trophy provided.  
1928 Irvin Sundseth, Halstad.  
1929 Johnny Meyers, Ada.  
1930 Johnny Meyers.  
1931 Lucille Carman, Ada.  
1932 Johnny Meyers. Awarded permanently.  
1933 Pearl Hanson, Thief River Falls. Plaque provided.  
Dec. 1933 Martin Egeland, Fisher.  
1935 Lester Lerud, Twin Valley.  
1936 Odney Flaar, Fisher.  
1937 Robert Wurden, Fisher.

#### 4-H Junior Swine Trophy

1926 Katherine Whalen, Ada.

1927 Elnora Johnson, Hallock.  
1928 Elnora Johnson.  
1929 Carl Hartke, Hawley.  
1930 John Whalen, Ada.  
1931 Edward Sargent, Crookston.  
1932 Shirley Giese, Euclid.  
1933 Donald Kurz, Warren.  
Dec. 1933 Edward Hirst, Warren.  
1935 Arthur Howard, Warren.  
1936 Harry Howard, Warren.  
1937 Roy Boman, Syre.

#### 4-H Club Poultry Judging

1937 West Polk county.

#### Adult Dairy Cattle Judging Trophy

1932 Boosters, Polk county.  
1933 Boosters, Polk county.  
Dec. 1933 Flom Farm Bureau, Norman county, and Keywest club, Polk county, tied.  
1935 Flom Farm Bureau.  
1936 Boosters Club, Polk county. Awarded permanently.  
1937 Roseau Farm Club, Roseau.  
**Dairy Cattle Trophy**  
1919 E. C. Schroeder, Moorhead. Holsteins.  
1920 Harper & McNelly, McIntosh. Holsteins.  
1921 C. L. Spaulding, Warren. Holsteins.  
1922 C. L. Spaulding. Holsteins.  
1923 C. L. Spaulding. Holsteins. Awarded permanently.  
1924 C. L. McNelly, McIntosh. Holsteins. New trophy provided.  
1925 F. B. Conklin, Thief River Falls. Guernseys.  
1926 C. L. Spaulding. Holsteins.  
1927 E. E. Carman, Ada. Holsteins.  
1928 C. L. Spaulding. Holsteins.  
1929 J. D. Bacon & Sons, Grand Forks, N. D. Holsteins.  
1930 J. D. Bacon & Sons. Holsteins.  
1931 J. D. Bacon & Sons. Holsteins. Awarded permanently.  
1932 J. D. Bacon & Sons. Holsteins. New trophy provided.  
1933 E. E. Carman, Holsteins.  
Dec. 1933 Ed Johnson, East Grand Forks. Holsteins.  
1935 Ed Johnson, East Grand Forks. Holsteins.  
1936 E. E. Carman, Ada. Holsteins.  
1937 E. E. Carman, Ada. Awarded permanently.

#### 4-H Dairy Judging Team Trophy

1931 Wadena county.  
1932 Wadena county.  
1933 Clearwater county.  
Dec. 1933 Hubbard county.  
1935 Hubbard county.  
1936 Todd county.  
1937 Hubbard county. Awarded permanently.

### Unicameralism Versus Bicameralism—Debate Question

(Continued from Page 4, Col. 2)

da, and Arnold Grove working. Gordon has previously done squad work. The Junior class had the following turnout: Victor Sorenson, Lloyd Magnusson, Marion Erlandson, Edith Ramberg, and Dorothy Hanson. The Northwest School is interested in organizing debating for girls as a separate activity. If the proposal meets with favorable response from the other agricultural schools, it is expected that many girls will take up the work after Christmas."

### DATA ON SOYBEANS

Many questions relating to the growing of soybeans in the Red River Valley have come to the Northwest School and Station this year. According to R. S. Dunham, Agronomist, soybeans have been grown 8 times since 1922 on the experimental plots. As an average of these 8 years, Wisconsin Black has yielded 2.19 tons of hay when planted in rows 20 to 24 inches apart. Averages of other hay crops grown in comparison have been as follows: Oats, 2.37 tons; sweet clover, 2.91 tons. Siberian millet, 3.26 tons, and alfalfa, 2.95 tons.

Although soybeans have yielded fairly well when planted in narrow-spaced rows, the cost of growing the crop has been much larger than for the other forages. Seed cost is comparatively high. As an average of the last four years, soybean seed has cost \$2.00 per acre; oats, \$1.05; oats and sweet clover, \$1.70; Siberian millet, \$1.12; and alfalfa \$2.50. If alfalfa last 5 years, the seed cost should be considered as only 50 cents. Soybeans are poor weed fighters and require frequent cultivation which increases the cost of growing them over oats, millet, and alfalfa.

The use of home-grown seed would result in a better adapted crop and cheaper seed cost. In 8 years, however, Wisconsin Black has failed to ripen five times including both 1936 and 1937. The failure to ripen seed of Wisconsin Black in more than half the time indicates a very uncertain income from the crop either for seed or other commercial uses. As an emergency high protein forage, soybeans find their largest use in this section at present.

### CULLING BULLETIN REVISED

The popular poultry bulletin, "Culling for Egg Production", by Professor A. M. Pilkey of the Northwest School and Station, and Miss Cora Cooke, poultry specialist, Minnesota Agricultural Extension Division, has been revised and is now available for distribution. The culling bulletin has proved popular with poultry breeders, farm flock owners, and students in poultry classes.

The authors call attention to the fact that culling is profitable for all egg producers. Culling is of special value to the farm flock, for in the average farm flock, twenty percent of the hens are poor layers, fifty percent are medium producers, and thirty percent are good layers. No farm practice, assert the authors, will show results more quickly than systematic and continuous culling. In only a few years the entire flock can be improved almost beyond recognition. A Culling Chart followed by many excellent illustrations and descriptions of terms used in the chart, make the bulletin an excellent guide for flock improvement. Copies of Agricultural Extension Special Bulletin 150, "Culling for Egg Production", may be secured by writing the Northwest School and Station, Crookston, or University Farm Station, St. Paul, Minnesota.

## PERSONALS

\*\*\*Harry Melick, '21, formerly of Strathcona, was a recent campus visitor. He is plant superintendent of the Pure Carbonic Company at its branch office at Anna Melm, California. Clayton Walker, 1920-22, Red Lake Falls, visited the campus with Mr. Melick.

\*\*\*Eugene McDonald, '30, formerly of Underwood, was married on October 12 at Spokane, Washington, to Miss Sunday Crumb.

\*\*\*Richard Holmgren, '33, a student in the College of Agriculture, University of Minnesota, St. Paul, was recently appointed head of the tickets and finance committee of the Ag Campus Foundation at the College.

\*\*\*Olaf Stenborg, '27, is now the owner of "The Coffee Shop" at Bagley, Minnesota.

\*\*\*Helen Johansen, '34, is employed as a nurse at the state sanatorium at Ah-Gwah-Ching, Minnesota.

\*\*\*Betrum Johnson, '35, who is attending the College of Agriculture, University of Minnesota, is a member of the Gopher 4-H club chorus. This group was featured recently on the NBC Farm and Home Hour program.

\*\*\*Harold Sanden, '35, has been awarded a Sears, Roebuck, and Company, scholarship. He was one of eleven freshmen students at the College of Agriculture, University of Minnesota, St. Paul, to be awarded this scholarship.

\*\*\*Gladys Lindholm, Sp. 34-35, Baudette, was a recent campus visitor. She is employed in the Relief Office at Baudette.

\*\*\*Noel Hanson, '35, a student in the College of Agriculture, University of Minnesota, St. Paul, and a member of the College crops judging team, won fourth place and a \$100 scholarship in a recent contest sponsored by the International Grain and Hay Show at the International Livestock Exhibit in Chicago.

\*\*\*Allan Hoff, '31, and Lester Lerud, '34, students in the College of Agriculture, University of Minnesota, were members of the meat judging team which competed at the American Royal Livestock Show at Kansas City, Missouri. The Minnesota team ranked first in the judging of pork and fourth in the whole contest. Allan and Lester also were supervisors of the hog and baby beef divisions respectively of the Junior Livestock Show in South St. Paul.

\*\*\*Helen E. Naplin, '31, was married on October 7 at Red Lake Falls to Mr. Swande T. Hallberg of Virginia, Minnesota. Rose Naplin, '33, a sister of the bride, served as bridesmaid at the wedding. Mr. and Mrs. Hallberg will make their home in New York City.

\*\*\*Allan Hoff, '31, and Lester Lerud, '34, students in the College of Agriculture, St. Paul, were members of a horse judging team that won second place in the Belgian horse judging contest held at the Intercollegiate Cattle Judging Contest held at Waterloo, Iowa on September 28.

\*\*\*Clinton Donley, '31, is now living

near Huntsville, Washington, where he is the manager of a one-thousand acre wheat and cattle ranch. He was married on June 28 to Miss Vivione Kilbourne.

\*\*\*Morris Maruska, Sp. 35-36, was presented a fountain pen, awarded by the state 4-H club office, for attaining the highest score in the tree identification contest at the 4-H Conservation Camp at Itasca State Park last September.

\*\*\*Edwin Trandem, '28, was a campus visitor on December 17. He is employed by the State Cow Testing Association with headquarters in St. Paul.

\*\*\*Former Superintendent and Mrs. C. G. Selvig, accompanied by their daughters, Helen and Margaret, and their son, George, left Washington, D. C., on December 16, to spend the holidays in Cuba and Cocoanut Grove, Florida.

\*\*\*Edwin Myers, '32, was married on October 24 to Miss Mary Elizabeth Howard of Fresno, California. The wedding took place at Fresno. Edwin is employed at the Mallory Planning Company in that city.

### REGISTRATION DAY, JAN. 3

(Continued from Page 1, Col. 1)

uate of the eighth grade, under twenty-one years of age and from a school district not offering accredited high school instruction. Residence in a rural school district with voluntary bus service to a high school does not disqualify a student from getting tuition aid at an agricultural school.

#### Eighteen Counties Send Students

The enrollment figures of students by counties released by the Registrar show that students in attendance during the fall term come from eighteen counties of Minnesota and three counties of North Dakota.

Polk county leads the list with 154 students, Kittson and Marshall tying for second place with 44 students each, followed in order with Norman-27, Lake of the Woods-24, Roseau-23, Becker and Pennington-21 each. Counties with less than twenty students include: Ottertail, Mahnomen, Clearwater, Red Lake, Clay, Beltrami, Mille Lac, Todd, Grant, St. Louis, Trail, Scott and Grand Forks, counties of North Dakota are represented by one student for each county.

### WINTER SHOWS, FEB. 7-11

(Continued from Page 1, Col. 3)

dent and Superintendent of the Northwest School of Agriculture; H. A. Pflughoft, district leader of 4-H clubs, E. W. Spring, treasurer of the Board and secretary of the Red River Valley Development Association; A. A. Habedank, treasurer of the Red River Valley Livestock Association; R. S. Dunham, Red River Valley Crops and Soils association; J. J. Flynn, Crockston Association of Public Affairs; Harold Thomford, secretary of the Northern Minnesota Poultry association; C. L. McNelly, district leader of county agents; C. M. Pesek, Red River Valley Dairymen's association; John Saugstad, business manager of the Red River Valley Winter Shows.

### CHRISTMAS PLAY PRESENTED

"Gloria," a Christmas choral play in prologue and one act, by Katherine Kester, was presented by senior and advanced students on Sunday evening, December 12. The play was under the direction of Dorothy M. Smith, head of the English department. The play depicts the ruthlessness of King Herod in his attempts to slay the Christ Child, and the tribulations of the shepherds, Magi and Elizabeth in getting to see the new-born Saviour. The celestial choir of sixteen voices under the direction of Miss Elvera Bierbauer, excellently supported the cast in their rendition of the Christmas carols. The choir wore, for the first time, their new blue and white choir robes.

The play cast included:

Marshall Evans, Middle River; Glen Bloomquist, Hallock; Elaine Johnson, Warren; Harold Klemetson, Ulen; Delsi Filipi, Angus; Lawrence Anderson, Argyle; Dorothy Setterholm, Baudette; Faith Thieling, Grygla; Lois Haug, Oslo; Arnold Grove, Roosevelt; Myra Hoiseth, Crockston; Reuben Thompson, Fergus Falls; John Sundet, Gary; Clifford Olson, Halstad; Norman Nelson, Bagley; Ernest Malmskog, Ulen; Willard Peterson, Bronson; Merle Halverson, Hallock; Ray Higgin, Cross Lake; Ivy McVeety, East Grand Forks; Byron Hess, Thief River Falls; Harry Ward, Duluth; Albert Adler, Waubun; Tilford Strand, Twin Valley; Obert Landsverk, Fosston; Roy Carlson, Middle River; Kermit Trangrud, Badger; Woodrow Evans, Gully; Morris Dahl, Kennedy; Glen Bloomquist, Drayton; Edith Clow, Orleans; Arnold Grove, Roosevelt; Duane Moen, Gary; John Sundet, Gary; Patricia Durbahn, Angus; Cora Dalager, Pelican Rapids; Ruthellen Lindamod, Warroad; Angeline Augustine, Thief River Falls; Violet Anderson, Stephen; Dorothy Larson, Argyle; Louise Krogstad, Fertile; Dorothy Evans, Middle River; Verne Dahlgren, Kennedy; Lloyal Harris, Wadena; Lowell Lindberg, Warren; Robert Nelson, Fergus Falls; Harry Peterson, Kennedy; Wilson Radway, Roosevelt; Gunder Moe, East Grand Forks; Erling Carlson, Halstad.

### CROPS JUDGING CONTESTS

(Continued from Page 3, Col. 2)

upon by the coaches and correctly spelled. Ready familiarity is necessary since only 12 minutes are allowed for the identification of 15 specimens.

Plans are underway for the Northwest School to sponsor a crops judging contest among the high schools of the Valley. In case it becomes impractical to hold such a contest in connection with the Winter Shows this year, the contest will be staged at the school late in the school year.

The High School crops judging contest will be similar to the sub-collegiate contest with some of the more difficult features eliminated.

The 4-H club crops judging contest, which consists of comparative judging of corn, potatoes, and small grain, is held separately from the other contests.