

# THE NORTHWEST MONTHLY

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NUMBER 8.

## Crops and Soils Day, July 19

### CROPS AND SOILS DAY

A general invitation is extended by the Northwest School and Station to all who are interested in crops and soils problems to visit the experimental plots on July 19. While the program will be of vital interest to the men, yet the day has been designated as an all-family day, a day in which the wives and children can get an outing. A special program of discussions and visitations of buildings and grounds has been arranged for the women, and a sports program of games and swimming has been arranged for the boys and girls. The program for the day starts with the business meeting of the Red River Valley Crops and Soils association, which has been called by President Melvin Flaskerud of Fosston for 11:30 A. M. Those bringing lunches will find the school campus an ideal place for picnic dinners, and coffee and cream will be served free. At 1:30 a tour of the experimental plots will start. At 4:00 o'clock the tour will be interrupted for a light lunch and will be concluded about 5:00 o'clock. There will be no speaking program except the discussions in the field. It is planned to use a public address system on the plots so that all may hear.

One of the most extensive trials of sweet clover for soil improvement in the northwest was begun in 1934, at the Northwest Experiment Station. The first yields of wheat, oats, barley, and flax following sweet clover handled in various ways were obtained last year in a season of extreme heat and drought. The second set of crops may be seen this year in a season of ample moisture. In connection with this experiment, the effect of triple superphosphate and ammonium phosphate fertilizer applied in the row with grain may be seen. The fertilizer attachment used on the grain drill for distributing the phosphate will also be on view.

It seems probable at this time that  
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### ALUMNI DAY WELL ATTENDED

Class reunions featured the most successful Alumni Day in the history of the Northwest School on Saturday, June 19. Between five and six hundred alumni, former students with their families, and students were in attendance at the various events during the afternoon and evening.

Former Superintendent and Congressman C. G. Selvig and Mrs. Selvig, guests of Superintendent and Mrs. McCall, were given special recognition at the alumni business meeting. Former Superintendent Selvig expressed great pleasure in renewing old acquaintances. In his address to the alumni, Mr. Selvig stressed the point that the School

### A. C. VOGELE NEW HORTICULTURIST

The new horticulturist, Dr. A. C. Vogele, has arrived to take up his work at the Northwest School and Station, Crookston. Professor Vogele is filling the vacancy created by the advancement of former horticulturist Professor T. M. McCall to the superintendency of the School and Station on April first of this year. Superintendent McCall supervised the experimental work in horticulture in addition to his other duties until the arrival of Professor Vogele.

Professor Vogele comes to Crookston from the State Agricultural College, University Farm, St. Paul, where during the past year he was acting head of the Department of Plant Physiology during the leave of Professor R. B. Harvey who returned July first.

Professor Vogele received his Bachelor of Science degree at the University of Illinois in 1918, his Master of Science degree at the University of Illinois in 1920, and the Doctor of Philosophy degree at the University of Minnesota in December, 1935. He has had eighteen years of teaching experience, nine years in Illinois, one year at Ohio State University, seven years at the State Teachers College at River Falls, Wisconsin, and one year at the University of Minnesota. In the experimental field of work, Professor Vogele has made numerous contributions to scientific journals from his investigations in fruit production. His most recent work has been in the field of plant physiology in fruit storage, fruit hardiness, and chemicals for weed eradication.

Professor and Mrs. Vogele are the parents of two children, David and Laurel, ages twelve and eight respectively.



Crops and Soils Day Field Tour

of Agriculture was dedicated to the task of training farm boys and girls not only for their vocations but for useful citizenship.

Five members of the 1912 class celebrated their twenty-fifth anniversary. Mrs. Lulu Casselman McMurchie of '12 represented the class on the speaking program. Other '12's present included Lewis Landby, Swift; Mrs. Emma Clover, Angus; Jay Wilder, and Mrs. Bertha Bjoen Henre of Crookston. The class of 1919 was represented by Mr. and Mrs. Magnus Spjut of Strathcona; Carl Hvidsten, Stephen; and Peter Ness of Cass Lake. The early graduates expressed delight and amazement at the growth of the school and the beauty of

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Northwestern Minnesota.

## LARGE ATTENDANCE AT WOMEN'S CAMP

The twelfth annual Women's Camp which closed June 17 had the largest residence enrollment since 1929. A well-balanced program of lectures, demonstrations, handicraft work and recreation was presented. The 129 women in attendance came chiefly from Northwestern Minnesota and eastern North Dakota.

Outside speakers and demonstrators on the women's camp program during the week included: Miss Bess Rowe, a former Northwest School staff member 1911-14, now field editor of The Farmer's Wife publication, St. Paul; Miss Belle O. Fish, child welfare specialist, Agricultural Extension Division, University Farm, St. Paul; Miss Marie Hoffman, canning expert from Hazel-Atlas Glass Company; and Mrs. E. W. Eagle, Mrs. H. H. Hodgson, and Mrs. Ida Swanson of Crookston, who gave instruction in handicrafts. Northwest School and Station staff members assisting on the women's camp program were Professor A. M. Foker, who demonstrated the use of paint on interior decorating, and Miss Retta Bede, who gave a salad making demonstration. Miss Bede was leader of the camp activities, J. W. Mlinar was general chairman of arrangements and entertainment, R. J. Christgau was director of sports and recreation, R. S. Dunham, pianist, and Miss Mary Thompson served as matron of the dining hall.

An excellent program of music numbers was presented each day with Miss Lois Lohn of Crookston as vocalist; Miss Beth Balfour and Professor R. S. Dunham in a two-piano concert; and a brass sextette from the Crookston High School band under the direction of T. W. Thorson.

The recreational and entertainment

features of the women's camp consisted of outdoor games, swimming, movies, reception, and the afternoon coffee hour.

Two charter members of the camp, Mrs. Emma Wright, Middle River, and Mrs. A. Lindstrom of Waubun, with perfect attendance records for the twelve years, were given appropriate awards for their linen anniversary.

Awards of certificates were made to the four-year campers and the honorary women's camp "A" was awarded all who attended their eighth camp. The list of women in attendance four or more years include: **FOUR YEARS:** Mrs. Ed Black, Middle River; Mrs. Alfred Erickson, Middle River; Mrs. C. D. Knox, Thief River Falls; **FIVE YEARS:** Mrs. Maude Anderson, East Grand Forks; Mrs. E. M. Evans, Middle River; Mrs. W. G. Geddes, East Grand Forks; Mrs. A. Morkassel, Warren; Mrs. O. S. Nordine, Karlstad; **SIX YEARS—**Mrs. John Phillipp, Mavie; Mrs. Soren Knutson, Thief River Falls; **SEVEN YEARS—**Mrs. C. D. Chandler,



Small Grain Rod Row Nursery

Euclid. **EIGHT YEARS—**Mrs. A. L. Anderson, Angus; Mrs. O. R. Crowser, Winger; Mrs. A. F. Stroble, Angus; **NINE YEARS—**Mrs. R. H. McDonald, Goodridge; Mrs. V. C. Noper, Thief River Falls; Mrs. L. Osterloh, Angus; Mrs. C. H. Roholt, Mayville, North Dakota; Mrs. Wm. Storey, East Grand Forks; **TEN YEARS—**Mrs. Nils Anderson, Fisher; Mrs. A. Stephen, Middle River. **ELEVEN YEARS—**Mrs. E. E. Green, Crookston; Mrs. Emil Peterson, Middle River; **TWELVE YEARS—**Mrs. Emma Wright, Mrs. A. Lindstrom.

A new record of 25 mothers of students or former students were in residence at the 1937 camp.

The officers elected for the coming year include: President—Mrs. V. C. Noper, Thief River Falls; vice president—Mrs. O. S. Nordine, Karlstad; secretary, Mrs. E. E. Green, Crookston; treasurer, Mrs. Emma Wright, Middle River; sergeant-at-arms, Mrs. A. F. Stroble, Angus.

## SUCCESSFUL 4-H CLUB WEEK

The 4-H Club Week which closed at the Northwest School on Saturday, June 26, was one of the most successful short courses in years. The total enrollment of 724 for the week, while lower than in 1936, was very well balanced between the two camp groups with none of the classes overcrowded.

H. A. Pflughoeft, leader of the 4-H club camps; J. W. Mlinar, Registrar; and R. J. Christgau, athletic director, in compiling the results of the contests for the week, awarded the sweepstake banner for the highest total score in all events to Clay county. Reserve Champion banner for all events was awarded to Kittson county. Clay county, winner of the Sweepstakes banner, had a total of 98 club members enrolled in the camp. County Agent Donald Peet and Margaret Opp, club agent, were in charge of the Clay county group.

Kittson county, winner of the Reserve Sweepstakes, had a total of 92 club members enrolled under the leadership of J. A. Salisbury, county agent, and Mrs. Vera Johnson, club leader.

Norman county 4-H clubs won the banner in music, with a mixed octette and orchestra competing, followed in order by Pennington county which presented a 4-H band and double quartette, and West Ottertail county third with a mixed quartette.

The one - act play banner was won by Norman county club members with the play "A Window to the South"; West Ottertail won second with the play, "Rooting for Ruth;" Clay county third with the play, "A May in June."

The silver cup in crops judging for all groups was awarded to the Clay county judging team with a score of 3498. West Ottertail county ranked second in the final crops contest with a score of 3415.

Farm Building demonstrations were staged at each group session of the Club Week with East Polk county winners in the first group and Red Lake county boys winning first in the second group. Poultry judging honors were awarded teams from Norman and Clay counties, first place winners in their respective groups.

The Sweepstakes banner in athletics was won by Kittson county with a score of 577 points, followed in order by Clay and Lake of the Woods counties. The Safety demonstration was

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Sweet Clover Haying at Northwest Station 1897

## FORAGE CROPS

### BULLETIN PUBLISHED

A new 89-page bulletin entitled "Forage Crops for the Red River Valley" by Professor R. S. Dunham has just been published by the Northwest School and Station. The bulletin was published primarily as a text for forage crops classes and will of necessity be of limited circulation. Two reprints from the bulletin, one on Soybeans and the other on Sorghums for the Red River Valley, are available for general distribution to all interested in these crops. The bulletin is well written and is filled with up-to-date information and will be of great value not only to forage crop students but farmers generally who are interested in forage crops.

## SUCCESSFUL 4-H CLUB WEEK

(Continued from Page 2, Col. 3)

won by Gloria Melby of Clay county. "Better Grooming," a 4-H club activity, brought honors to eight boys and eight girls in each of the two camps. Winners in this contest included: **FIRST GROUP—GIRLS** (under 15 years): Vivian Thorkelson, East Polk, first; Jean Lucking, East Ottertail, second; Dorothy Vigen, West Polk, third; Doris Clow, Kittson, fourth. (Over 15 years of age): Harriet Swanson, Kittson county, first; Grace Thorkelson, East Polk, second; Florence Williams, Becker, third; Patricia Hart, Mahnomen, fourth. **BOYS** (under 15 years of age): Lawrence Wilkie, Kittson, first; Dell Durbahn, West Polk, second; Rolf Aasong, East Polk, third; Harvey Newmann, Mahnomen, fourth. (Boys over 15 years): Mervin Milston, Mahnomen county, first; William Wilkie, Jr., Kittson, second; Clifton Olson, East Polk, third; Milo Henesy, West Ottertail, fourth. **SECOND GROUP—GIRLS** (under 15 years of age): Phyllis Sands, Clay county, first; Phyllis Armstrong, Clearwater, county, second; LaVonne Swenson, Roseau, third; Dorothy Hornvedt, Lake of the Woods, fourth. (Girls over 15 years of age): Phyllis Kranz, Marshall county, first; Marcella Lynch, Red Lake, second; Marian Green, Pennington, third; Nedie Bergstad, Clay, fourth. **BOYS**: (under 15 years of age): Wesley Bierbaum, Clearwater, first; Leo Crummy, Marshall, second; Buddy Setterholm, Lake of the

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## RECORD ENROLLMENT PREDICTED

With an advance room reservation of 251 on June 28, Registrar J. W. Mlinar predicts a record-breaking enrollment of students for the fall term which begins October 4. Two additional class rooms to be made available in the new addition to Owen Building will be needed to care for the added classes.

Plans are underway to make more rooms available for student use in the present dormitories. It is apparent however that the Home Management Practice House will be needed again to properly accommodate girls in residence.

## W. D. RUSK RESIGNS FROM STAFF

W. D. Rusk, instructor in agricultural engineering, resigned his position at the Northwest School to accept a position as assistant to the Rural Service Engineer of the Illinois Northern Utilities Company at Dixon, Illinois. Mr. Rusk writes: "The position is a promising one and the Rural Electrification business seems to be making great strides at the present time. A great future for this work is assured because of the great need and demand for this type of service." The best wishes of the staff are extended to Mr. Rusk in his new work.

## E. R. CLARK ATTENDS SCOUT JAMBOREE

Professor E. R. Clark as scoutmaster for troop 40, Crookston, was one of the four scoutmasters from the Lake Agassiz council to attend the Boy Scout Jamboree in Washington, D. C., from June 29 to July 9.

Mr. Clark has been a scoutmaster for several years and is recognized as one of the outstanding leaders in scout work in the region. In the Washington Jamboree, Mr. Clark had the chairmanship of camping for region 10.

The Lake Agassiz council is represented by thirty-five scouts. It is the consensus of opinion of all who viewed the Washington encampment that it was the greatest peace-time mobilization of youth the world has ever seen.

## CAMPUS AND STATION ACTIVITIES FOR JULY

July promises to be a busy month for extension activities for the Station staff. Project supervisors, R. J. Christgau and J. W. Mlinar, begin their second round of project visitations with Mr. Christgau visiting the northern counties and Mr. Mlinar visiting students in the southern section. Registrar J. W. Mlinar will alternate with the other project supervisors in the field in the working out of the various vacation schedules. Professor E. R. Clark will return from his vacation July 14.

Activities scheduled in July include: July 1—Marshall County Fair, Warren, judges—Miss Retta Bede, R. J. Christgau, R. S. Dunham, O. M. Kiser, A. M. Pilkey; Poplar River Farm Club, Brooks, address by Superintendent T. M. McCall; July 6—Polk County Fair, Fertile, judges—Miss Bede, Mr. Dunham, Mr. Kiser, Mr. Pilkey. July 9—School and Station picnic. July 14—Home Economics Achievement Day, Plummer; Miss Bede, judge. July 15—Polk County Rural School Eighth Grade Graduation in Northwest School auditorium, address by Superintendent T. M. McCall. July 17—Northwest Farm Managers' Tour of North Dakota at Northwest School and Station. July 19—Crops and Soils Day, Northwest School campus. July 20—Clearwater county eighth grade graduation, Bagley, address by Superintendent T. M. McCall; Roseau County Fair, Roseau, judges: Miss Retta Bede, E. R. Clark, O. M. Kiser, A. M. Pilkey. July 23—Home Economics Achievement Day, Koochiching county; Miss Bede, judge; Mahnomen County Fair—judges, R. J. Christgau, A. M. Pilkey, E. R. Clark. July 24—Home Economics Achievement Day, Lake of the Woods county; Miss Bede, judge.

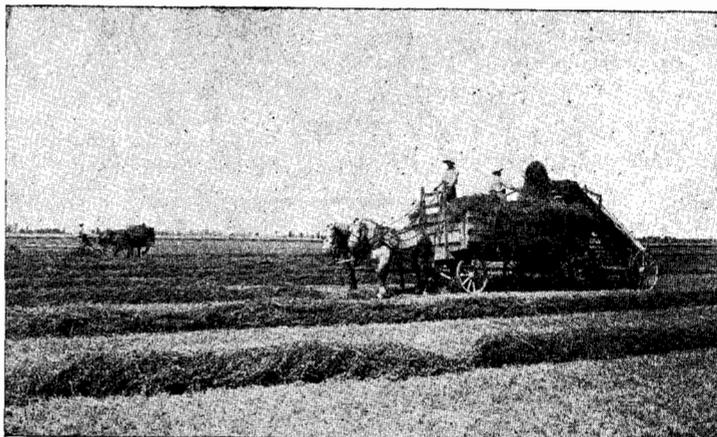
## SUCCESSFUL 4-H CLUB WEEK

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Woods, third; Raymond Jacobson, Clay, fourth. (Boys over 15 years of age): Kendall Littlefield, Clay county, first. Donald Kurz, Marshall, second; Lennie Underdahl, third, Roseau; Chester Anderson, Pennington, fourth.

In the first group at the 4-H Club Week, Kittson county won the finals

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Alfalfa Haying at Northwest School 1935

**CROPS AND SOILS DAY**

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there may be enough stem rust to show the value of resistant varieties. Aside from those already in commercial use, there are a number of others not yet released whose behaviour may be studied. Varieties from outside Minnesota in the trials this year include Apex and Renown wheat and O. A. C. 21 barley from Canada, Hull-less oat No. 165 and No. 1340 barley from South Dakota, Wisconsin 38 barley, D-67 and Iogold oats from Iowa, and Rusota oats and Bison, Buda, Linota, and Rio flax from North Dakota.

Crested wheatgrass, slender wheatgrass, brome grass, meadow fescue, Reed canary grass, meadow foxtail, and Kentucky bluegrass sown alone and mixed with alfalfa or sweet clover may be seen as both pasture and hay crops.

Thirty-eight lots of seed flax from Polk county farmers have been planted in separate plots on wilt sick soil. The wilt-resistance of the different strains is already visible.

The organized tour of the horticultural plots will include the gardens, nursery, experimental orchards, and a few of the potato projects. The sugar beet work, potato breeding, and many of the potato variety increase plots, while not on the organized tour, can be seen by special side trips at the close of the main tour of plots. The potato work to be seen on the tour includes: the depth of planting tests in which both treated and untreated seed have been planted at various depths; distance of spacing test, in which whole 4 oz. potatoes are compared with cut seed at the different distances; potato varieties; fertilizer tests; deep tillage experiments, in which land subsoiled 12 inches is compared to land plowed 5½ inches deep; spraying tests in which liquid and dry sprays are compared; tuber indexing and tuber unit planting.

A full line of garden crops varieties can be seen on the tour. The tomato breeding and variety work in which two varieties and selections are grown, will be of particular interest to all visitors.

The drought resistance and winter hardiness of tree and bush fruits can be studied on the tour of the orchards and nursery.

Visiting specialists in crop breeding and cereal diseases, from Minnesota and North Dakota, will be present for the group discussions at points on the tour.

**SUCCESSFUL 4-H CLUB WEEK**

(Continued from Page 3, Col. 3)

in boys' kittenball; West Polk first in girls' kittenball; Mahnomen first in girls' volleyball; East Polk county first in boys' volleyball, and Kittson county first in boys' basketball. The second group winners were as follows: Red Lake won the finals in boys' kittenball; Clay county first in girls' kittenball, girls' volleyball, boys' kickball, and boys' horseshoe; Lake of the Woods county first in boys' basketball.

Winners of the one-act play contest in the First Group, June 21-23, were: 1st, Norman county; 2nd, W. Ottertail;

**STATION STAFF****ENJOY PICNIC**

The annual Northwest School and Station staff and employees picnic was held Friday, July 9, in the public park at Red Lake Falls with seventy in attendance. A full program of games and races was arranged for young and old. The horseshoe tournament to men and women, however, took the lime-light for the adults. The former horseshoe champion, Mrs. A. J. Sunderland, for the women, and Superintendent T. M. McCall, for the men, were dethroned. Mrs. H. A. Pflughoef won the golden horseshoe and championship in the women's single by defeating Mrs. A. J. Sunderland in the finals; runners-up were Mrs. Juel Torvi, Wilma Coss, and Margaret Fyelling. Sixteen players contended in the men's horseshoe tournament. R. J. Christgau, A. J. Sunderland, T. M. McCall, and Robert Sunderland played in the semi-finals and R. J. Christgau won the finals over Robert Sunderland.

Prize winners in the races included: (girls 5 to 7 years)—1st, Claire Fontaine; 2nd, Monica Fontaine; 3rd, Lois Torvi. (Girls, 8-12 years)—1st, Kathleen Christgau; 2nd, Gloria Sunderland; (girls 12-13 years)—1st, Pauline Fontaine; 2nd, Rayma Hillmon. (Girls over 13 years)—1st, Donna Hillmon; 2nd, Virginia Fontaine. (Girls over 16)—1st, Mrs. R. J. Christgau. 2nd, Beth Kiser. Children under 5 years—1st, John Christgau; 2nd, June Anderson. Boys under 6 years—1st, David Pilkey; 2nd, Roger Christgau. Boys 6-12 years—1st, Rollis Hillmon; 2nd, Raymond Dunham. Boys over 13 years—1st, Robert Sunderland; 2nd, Robert McCall. Men under 40: 1st, Llewelyn Reese; 2nd, J. W. Mlinar. Men over 40: 1st, O. M. Kiser; 2nd, A. J. Sunderland.

Committees contributing to the success of the picnic include: **SPORTS AND PROGRAM COMMITTEE:** R. J. Christgau, chairman; J. W. Mlinar, H. A. Pflughoef, and Mrs. Llewellyn Reese. **TRANSPORTATION COMMITTEE:** O. M. Kiser, chairman; A. J. Anderson, Juel Torvi. **FOODS COMMITTEE:** Miss Retta Bede, chairman, and Mesdames O. M. Kiser, T. M. McCall, G. Hillmon, R. S. Dunham, and E. R. Clark.

3rd, W. Polk. 4th, Kittson. In the music contest, winners in the first group included: **VOCAL:** 1st, West Ottertail county; 2nd, Kittson; **INSTRUMENTAL:** 1st, Norman county; 2nd, E. Polk. In the music contest held during the second camp, June 24-26, the winners were: **VOCAL:** 1st, Clay county. 2nd, Pennington; 3rd, Marshall; 4th, Red Lake. **INSTRUMENTAL:** 1st, Pennington county. The second group winners in the one-act plays contest were: 1st, Clay county; 2nd, Pennington; 3rd, Marshall; 4th, Lake of the Woods. A number of track and swimming events were also held during both camps.

Instruction was given by members of the Northwest School staff, state and district 4-H club leaders, extension specialists, county agents, and county club leaders.

**ALUMNI DAY****WELL ATTENDED**

(Continued from Page 1, Col. 2)

the campus. Peter Ness and Carl Hvidsten spoke briefly on the program for the 1917 class. Professor and Mrs. E. R. Clark, advisers, and Mr. and Mrs. Lloyd Ness, officers of the 1922 class, arranged a reunion picnic for their group. Lloyd Ness responded for the '22's at the alumni meeting. Mr. and Mrs. Carl Widseth of St. Paul called the '27's for their reunion pictures and festivities. Carl Widseth also represented the class on the speaking program. Ed Widseth of the 1932 class group responded for his class at the alumni meetings. The alumni blasted their way to victories over the students in the afternoon baseball game and the faculty in the evening encounter in kittenball.

The effective pitching of Ed Widseth and the hard hitting of Widseth, Arnold Strand, and Weckwerth accounted largely for the 13-4 score of alumni over students. The faculty-alumni game of kittenball proved very entertaining to the students and alumni. Alibis offered by the faculty for the 23-5 defeat were lack of support from the bleachers and lack of practice.

The evening program began with movies and the annual business meeting in the auditorium. The officers elected for 1937 include Harvey Johnson, Moorhead, President; Paul Engestad, Crookston, vice president; John Gronner, Underwood, treasurer, and Evelyn Bierbaum, St. Peter, secretary, to carry over until 1938.

The Alumni Association voted to add a second scholarship to their donation to the Northwest School. The new scholarship of \$25 will be awarded to the freshman boy or girl of high scholarship who makes the greatest contribution to his class and school.

The Alumni Association Scholarship awarded to the Junior student making the highest scholastic record and the greatest contribution to his class and school was won by Wilson Radway for the year 1936-37.

The faculty and student body join in expressing their thanks and appreciation to the Alumni Association for the scholarships which do much to offer incentives for better scholastic work and better citizenship.

The parade of classes at the alumni dance was the outstanding feature of the evening program. The classes passed in review through the formations of the grand march under the guidance of J. W. Mlinar and music by R. S. Dunham. Winners of the prizes awarded during the evening included: **Fattest Alumnus—**Lenus Landby, Swift; **most baldheaded man,** Carl Hvidsten, Stephen; **the Red Oil can to the most recently wedded couple present,** Mr. and Mrs. Clarence Clementson, Erskine. The presentation of the Red Oil can was made by Mr. Noel Hanson, the 1936 winner. Members of the oldest class present were presented with copies of the 1937 Red River Aggie. Josie Imsdahl Auburg of Inchellium, Washington, was awarded the prize for coming the greatest distance to the reunion.