

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.

VOLUME XXV

CROOKSTON, MINN., AUGUST-SEPTEMBER, 1941

NUMBERS 9 and 10

Fall Term Opens September 29

Walter C. Coffey Is Acting President of University

The action of the University Board of Regents in elevating Dean W. C. Coffey to the acting presidency of the University of Minnesota on July first has met with the universal approval of the people throughout the state. The selection of Dr. W. C. Coffey to serve as Acting President for the short time until his retirement is a fitting recognition of a well deserved honor. Dr. Coffey's appointment further confirms the fact demonstrated by his two immediate predecessors, Doctors Guy Stanton Ford and Lotus D. Coffman, that outstanding educational and administrative leaders can be selected from within the ranks of the University. (Continued on Page 4, Col. 1)



W. C. Coffey

Teaching Staff for 1941-42 School Year

The Northwest School has been fortunate through its history in securing and retaining outstanding specialists in their respective teaching fields. The six months school year enables the instructors in academic subjects to continue graduate training during the spring quarter and summer sessions. The school has been benefited by the additional training the instructors have received which has kept them abreast of new developments in their respective courses.

Members of the teaching staff for 1941-42 are: T. M. McCall, superintendent; Ruben J. Halvorson, Registrar and instructor; AGRICULTURAL ENGINEERING: A. M. Foker, A. K. Crawford, W. R. Peterson; AGRONOMY: R. S. Dunham; ANIMAL HUSBANDRY: O. M. Kiser, R. J. Christgau, A. M. Pilkey; HOME ECONOMICS: Retta Bede, Fanny B. Lippitt, Elsie Kingston, Mary Peterson; HORTICULTURE: John H. Wampole; ENGLISH: Martha M. Manning, B. M. Bakkegaard, Dolores Webster, M. Ardell Hamlett; (Continued on Page 4, Col. 3)

Transportation Aid Regulations Announced

Regulations pertaining to transportation aid to students attending the schools of agriculture were adopted by the Minnesota State Board of Education at its meeting on August 5. Rural school officers and parents of students who desire full information on transportation aid regulations may write direct to the State Department of Education, St. Paul, for the "Manual of Standards" and "Amendments to the Standards Governing the Transportation of Pupils."

For the convenience of parents of Northwest School students, excerpts of the amendments on Transportation Aid applicable to the Schools of Agriculture are reproduced herewith:

"DISTRICTS ELIGIBLE TO RECEIVE AID:

1. Reimbursement aid will be paid for such high school pupils as live too far from the high school within their own area to be transported to such high school but can be more conveniently boarded near a high school in another area.
2. Reimbursement aid will be paid for such high school pupils who are transported or boarded at State Schools of Agriculture or at accredited high schools affiliated with the State Teachers Colleges.
3. All districts not maintaining high schools, but providing free transportation or board, in whole or in part, for high school pupils residing in such districts in accordance with state standards shall be eligible to receive reimbursement aid.
4. The reimbursement aid shall be paid directly to the school boards of districts which do not maintain accredited high schools but pay for the transportation or board of high school pupils attending a classified secondary school. Reimbursement aid for transportation will be paid for such pupils as are transported upon approved bus routes. The following exceptions will be recognized: Reimbursement aid will be paid for such high school pupils who are transported or boarded at State Schools of Agriculture or at accredited high schools affiliated with the State Teachers College.

LIMITATIONS OF REIMBURSEMENT (Continued on Page 2, Col. 3)

Good Enrollment Forecast

Prospects for a good enrollment at the Northwest School for the 1941-42 school year beginning on September 29 are unusually bright. The number of advance room reservation deposits at the end of the first week in September were well in advance of the deposits at the same time one year ago.

Workmen will have all of the buildings in readiness for occupancy well in advance of the opening of school. The floors in all buildings have been given special floor treatment and all woodwork and furniture have been put in excellent condition.

Dormitory facilities for girls will be taxed to the limit this year. One girls' dormitory—Robertson Hall, and rooms in the Home Economics Building in both the practice rooms and ward, will care for all girls enrolling this year. If the new girls' dormitory is completed in time for the opening of school in 1942, Robertson Hall will then be used as a boys' dormitory.

Dr. C. H. Bailey Appointed Acting Dean and Director

Dr. C. H. Bailey, vice-director of the Minnesota Experiment Station and former professor in the Division of Biochemistry, was appointed Acting Dean and Director effective July first. The Minnesota College of Agriculture and the Experiment Stations are fortunate in getting a man of Dr. Bailey's qualifications to fill the vacancy created by the elevation of former Dean W. C. Coffey to the presidency of the University of Minnesota.



C. H. Bailey

Dr. Bailey's work as a biochemist has kept him in close touch with the milling industry and the latest developments in the restoration of essential vitamins and minerals to wheat flour. As vice-director, he has come in close contact with all phases of experimental work in all branches of the Agricultural Experiment Stations and as pro- (Continued on Page 4, Col. 1)



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.

Gladiolus Show and District Horticultural Meeting Held at School

The Northwest School was host to the garden clubs of the ninth Congressional district in their first annual summer meeting on August 19. The gladiolus show was the outstanding feature of the summer meeting. As a part of their program of encouragement to farmers and home owners to beautify their home grounds, the first district flower show was sponsored by the Red River Valley Development Association. A committee of flower growers from Crookston, the Northwest School, and Crookston Association of Public Affairs cooperated in staging the flower show.

One hundred enthusiasts in landscape gardening and flower growing were present for the program and business meeting; delegates from garden clubs in Marshall, Pennington, Polk, Norman, and Mahanomen counties represented their clubs at the business session. The Fertile Garden Club, with twenty members arriving in a chartered bus, took honors for the club with the largest attendance.

On the formal program, Superintendent T. M. McCall of the Northwest School, in presenting a program for home grounds beautification for the entire Red River Valley, praised the work of the local garden clubs. Mr. McCall also pointed out how the Red River Valley Development Association, through its county Valley Farmer and Homemaker awards and prizes to 4-H club members for tree planting in the counties of this district, was aiding the county agents in the home grounds beautification program. Melvin Bergeson of the Bergeson Nursery at Fertile, spoke on the subject "New and Desirable Varieties of Shrubs and Woody Plants for Northwestern Minnesota." Mrs. M. Kannowski, superintendent of Parks of Grand Forks, North Dakota, gave an address on "New and Desirable Varieties of Annual and Perennial Flowering Plants."

R. A. Reiersen, county agent of Marshall county, presided at the business meeting. The temporary organization of the Ninth District Horticultural Association formed at the 1941 Winter Shows at Crookston was made permanent and a constitution was adopted and a full slate of officers was elected. It was decided that the annual meeting of the new organization should be held on Thursday of Winter Shows week each year at which time officers should

(Continued in Col. 2)

Record Rainfall Increases Crop Costs

Excessive rains and continued damp weather through late August and early September caused an unestimable loss to farmers who had grain unthreshed. The region from Norman county north to the Canadian boundary has suffered continued set-backs in threshing operations. There has been some sprouting of grain in the field with considerable deterioration in quality.

The damp cool weather, while beneficial to pastures and meadows, has slowed up the normal ripening of corn. Some potato growers and producers of certified seed, because of the wet weather, are planning on using brushing machines in order to maintain their normal high quality of seed stock.

A new rainfall record has already been established for 1941, according to information released by R. S. Dunham, Northwest Station agronomist and weather recorder. Mr. Dunham, in checking back over the weather records covering a forty-one year period, has found that the 1941 precipitation for the first nine months of the year practically equals the highest yearly precipitation record made in the past four decades.

The 1941 precipitation now stands at 30.18. The all-time high is 29.60 for 1905. With more than three months of the year left to be calculated, it appears likely that the 1941 record will be one which will far surpass the previous high.

Precipitation figures by months for this year, the previous record year, and an average year reveal the following:

	1941	1905	average
January75	.75	.51
February39	.40	.57
March	2.26	1.85	.71
April	2.34	1.27	1.57
May	5.29	5.82	2.67
June	7.44	2.84	3.25
July	1.12	6.17	2.86
August	8.02	5.66	2.63
Sept. 17 days.....	2.57	2.27	2.08

Total for
 nine mos.....30.18 27.03 16.85

In the year 1905, 2.57 inches of precipitation fell after October 1, and the average precipitation for the last three months of the year is 1.86 inches.

GLADIOLUS SHOW AND DISTRICT HORTICULTURAL MEETING HELD

(Continued from Col. 1)

be elected and plans made for the annual summer meeting and flower show. Officers elected included: Melvin Bergeson of Fertile, president; Mrs. Harry Cook of Newfolden, vice president; J. H. Wampole, horticulturist, Northwest School and Station, Crookston, secretary-treasurer; delegate at large C. M. Pesek, Crookston. Presidents of the affiliated garden clubs and district Association officers to constitute the executive committee.

In the flower show, L. H. Oftedahl of Halstad won the Pesek Cup and sweepstakes award on gladiolus. The

(Continued on Page 3, Col. 2)

TRANSPORTATION AID REGULATIONS ANNOUNCED

(Continued from Page 1)

MENT AID: The reimbursement aid shall not exceed:

1. Two-thirds of the total cost to the district.
2. Four dollars (\$4.00) per month per pupil.
3. Two cents (2c) per pupil per day per mile (one way) for the distance from the school building in the pupil's residence district to the nearest public high school by the most direct traveled road. (This limitation applies only in cases where high school pupils are not transported to the nearest high school).
4. The reimbursement aid is subject to prorating.

APPLICATIONS AND REPORTS:

1. The school board of a district not maintaining a high school but providing for the transportation of its high school pupils shall:

a. Submit a statement to the county superintendent of the number of pupils for whom the district is paying either the transportation or board, before December first.

b. Submit a report on costs and the names of pupils transported at the close of the school year."

GENERAL INFORMATION RE- GARDING TRANSPORTATION AID:

Boys and girls to qualify for transportation aid in their respective districts must be graduates of the eighth grade and must be residents of a rural school district which does not offer accredited high school instruction.

Students with transfer credit from high schools are eligible for transportation aid but graduates from high schools are no longer eligible. Students who come from school districts which are now running bus lines are entitled to transportation aid to apply on board and room costs while attending the Northwest School. Rural school officers are finding that an appreciable saving to the district can be made in transportation costs when students attend the six months school year at the Northwest School. The attendance of students at the Northwest School should have no effect whatever on existing school bus lines.

Parents of students from rural districts which are not paying transportation aid should, if they see fit, present the matter to the local school board for consideration. Rural school officers are realizing that it is important for them to grant encouragement to boys and girls to continue training after the eighth grade, for skilled and trained youth returning to the communities add materially to the wealth and enrich the intellectual life of the community. Agricultural school training does fit the boys and girls to return to the farm community and the community can well afford to give encouragement by making the necessary transportation aid appropriation.

Students who can be at home during the periods of peak loads of farm work and at the same time get school training in a six-months year that fits them for rural life or college training make contributions to family income far in

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Courses Are Added To Curriculum

Two new courses in agricultural engineering; namely, electric arc and acetylene welding and farm mechanics will be offered for the first time this year as separate courses. These subjects were formerly taught as parts of courses in farm shop, motors, and field machinery. The interest in these subjects has necessitated the setting up of separate courses for the work.

The farm mechanics course will be a practical application of the principles of physics to farm engineering. Farm mechanics, the same as all agricultural engineering courses, will be offered as an elective but as a basic course it should be elected by all students interested in farm engineering work.

Much valuable equipment has been added to the electric arc and acetylene welding laboratory. A third new electric arc welding unit will, with seven acetylene torches, accommodate sections of ten students at one time. Advance registrations for the welding courses, available to Juniors and upper classmen, indicate that welding will be a popular subject this year.

Applied chemistry, a continuation of agricultural chemistry which was offered for the first time last winter term, has been made a regular course in the curriculum. The course gives the student a much more comprehensive idea of the field of chemistry and a better background for college chemistry.

Other courses in foods, clothing, horticultural and farm crops, livestock, and poultry will emphasize teachings in line with governmental suggestions of war economy.

Miss M. Ardell Hamlett To Succeed Miss Warne

Miss Marjorie Ardell Hamlett of River Falls, Wisconsin, has been appointed to succeed Mrs. Grace Warne Flom as instructor in Junior English and music. Miss Hamlett, who graduated with honors from the University of Minnesota in 1936, has had five years' teaching experience in both English and music, and for the past three years has been instructor in the high school at Pipestone, Minnesota. During the past two summers Miss Hamlett has taken graduate work in English and music at the University of Minnesota and Northwestern University.

According to present plans, Miss Hamlett will teach second year English and assist Miss Marian Frykman in piano instruction. A part-time instructor will be secured to give private instruction in violin. Miss Hamlett's experience in teaching piano and as a coach in vocal and instrumental groups, will make her a valuable asset to the music staff.



Miss Hamlett

Football Season Opens October 3

A fine schedule of games has been arranged for the Northwest Aggie football team for its 1941 season. Coach R. J. Christgau has arranged a schedule of games with high schools and college freshmen teams that should give the "Aggies" fine experience for their competition in the Agricultural School Conference. Seven lettermen from last year's squad will serve as a nucleus around which the 1941 team will be built.

The official call for football squad practice is issued for the opening day of school, September 29; however, preliminary practice has been called for as many as can attend during the week of September 22.

Lettermen who will return to the 1941 football squad include: Captain Clifford Nybo of Clearbrook, fullback and ace forward passer; Harold "Lefty" Lloyd, Argyle, right halfback; Harlan Beucler of Detroit Lakes, left halfback; Bernard Kragness of Glyndon, halfback; Palmer Pederson of Bejou, Harold Utech of Clearbrook, and Darwin Ferrer of Pitt, guards; Herbert Johnston, Stephen, tackle; and John Magnuson of Milton, North Dakota, end.

Promising candidates among last year's reserves are William Vasilakes, Lengby and Henry McMillan of Mahanomen, tackles; Henry Hoff of Dalton, center; Harold Hoadley of Bagley, and Arvid Gunderson of Dalton, guards; Floyd Dahl of Kennedy and Gale Bergh of Hallock, ends; Lyle Clow, Hallock, and Ernest Egeland of Fisher, halfbacks.

R. J. Christgau, who is beginning his twelfth year as Aggie coach, will be assisted by Bryan F. Swan, science instructor, a football letterman at the United States Naval Academy, Annapolis.

The football schedule for 1941-42 is as follows: Friday, October 3, Crookston High, there, night game; Friday, October 10, Bemidji High School, there; Friday, October 17, Bemidji Teachers' College freshmen, here; Saturday, October 25, Homecoming, North Central Aggies, here; Saturday, November 1, Parents' Day, 10:00 a. m., Concordia College Freshmen, here; Tuesday, November 11, West Central Aggies, there.

GLADIOLUS SHOW AND DISTRICT HORTICULTURAL MEETING HELD

Continued from Page 2)
flower show limited this year to gladiolus and bowl arrangements of garden flowers exceeded all expectations both in quantity and quality of exhibits. Two hundred and seventy-six exhibits of gladiolus were on display with eighty-two exhibits entering competition. Three commercial growers displaying large exhibits of named varieties of gladiolus were Ralph Rhode of Grand Forks, Bergeson Nursery of Fertile, and Schuster Greenhouses of Crookston.

The largest exhibitors were L. H. Oftedahl of Halstad, Dr. A. A. Rumberich of Mahanomen, Oscar Paulson of Thief River Falls, Mrs. H. Casselman of McIntosh, Stone sisters of Fertile, (Continued on Page 4, Col. 1)

Mr. Ruben Halvorson Joins School Staff

The position of registrar at the Northwest School, made vacant by the resignation of J. W. Mlinar, has been filled through the appointment of Ruben J. Halvorson of Roseau. Mr. Halvorson, principal of the Roseau High School for the past eleven years, is a native of the Red River Valley and thoroughly familiar with conditions prevailing in the region.



Mr. Halvorson

Mr. Halvorson has an excellent background of training in both graduate and undergraduate work. He was second ranking man in his class at Concordia College, Moorhead, and received his B. A. degree there in 1927, majoring in science and mathematics. In his graduate work, he has majored in school administration and will complete his work for his Master's degree at the University of Minnesota next summer. In personnel work he has, as high school principal, made an enviable reputation and is well liked in his home community. Mrs. Halvorson, formerly Hazel Stephenson, was a member of the Northwest School advanced class in 1930. The Halvorsens and their two children will reside on the Northwest School campus.

Mr. Halvorson will take up his position officially on October first; however, he will arrive on the campus September 20 to familiarize himself with his new duties. Mr. W. R. Peterson, acting registrar since July 15, will resume his full teaching schedule in the farm engineering courses at the opening of school.

Ebenhard Gandrud, '26, A Recognized Inventor

Ebenhard Gandrud, originator and proprietor of the E. S. Gandrud Manufacturing Company of Owatonna, Minnesota, and a graduate of the class of 1926 at the Northwest School, exhibited his products at the recent Minnesota State Fair. Ebenhard has won considerable fame with his many inventions. The best known of his many patents is the land measuring wheel in use in twenty-two states for land measuring in the AAA program. According to Ebenhard, the measuring wheel which is one rod in circumference is as accurate as any steel tape in its measurements. The measuring wheel has many refinements such as a slope meter attachment to record the degree of slope and correct measurements over hills. A plane table attachment to the wheel is used to outline odd-shaped fields to scale accurately.

The newest invention from the Gandrud factory is a fertilizer spreader which can be used for spreading dry chemicals for weed control; it spreads commercial fertilizer at applications of 3 oz. per square rod to (Continued on Page 4, Col. 2)

W. C. COFFEY IS ACTING PRESIDENT OF UNIVERSITY

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sity staff.

Acting President Coffey, familiarly and affectionately known in the Red River Valley as Dean Coffey, is eminently fitted for the task of administering the affairs of the University. As dean of the College of Agriculture and director of the Experiment Station, Schools of Agriculture, and Agricultural Extension Division, Dr. Coffey has been brought in close contact with the affairs of the entire University and its governing body, the Board of Regents. Acting President Coffey's experience in guiding successfully his department through the two most troublesome decades in American agriculture fits him for the larger task of leadership for the entire University.

The congratulations and best wishes of the Northwest School and Station staff are extended to former Dean Coffey in his new position as acting president.

DR. C. H. BAILEY APPOINTED ACTING DEAN AND DIRECTOR

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fessor in the College has an intimate knowledge of college problems.

GLADIOLUS SHOW AND DISTRICT HORTICULTURAL MEETING HELD

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and C. M. Pesek of Crookston. The sturdy vigor of gladiolus spikes grown by Oscar Paulson of Thief River Falls was an outstanding feature of the show.

Show Winners

Winners in the gladiolus show for the various colors were: **LARGE GLADIOLUS: White**—1. Stone Sisters; 2. L. H. Oftedahl; **Cream buff**—1. L. H. Oftedahl; 2. Mrs. Casselman; **Yellow**—Mrs. C. M. Pesek; 2. Oscar Paulson; **Orange**—1. L. H. Oftedahl; 2. A. A. Rumreich; **Salmon**—1. L. H. Oftedahl; 2. Mrs. C. M. Pesek; **light pink**—1. L. H. Oftedahl; 2. Ed Leding, Gary; **Deep pink**—1. Mrs. C. M. Pesek; 2. L. H. Oftedahl. **Scarlet**—1. L. H. Oftedahl (sweepstakes); 2. Stone sisters; **Light red**—1. L. H. Oftedahl; 2. Oscar Paulson. **Deep red**—1. Mrs. C. M. Pesek; 2. L. H. Oftedahl; **Lavender**—1. L. H. Oftedahl; 2. Mrs. Casselman; **Purple**—1. A. A. Rumreich; 2. L. H. Oftedahl. **Violet**—1. L. H. Oftedahl; 2. Mrs. Casselman. **Smoky**—1. Mrs. C. M. Pesek; 2. L. H. Oftedahl. **Blotched or any other**—1. Oscar Paulson; 2. Mrs. O. A. Flaatt, Fisher. **SMALL FLOWERED GLADIOLUS: White**—1. Stone sisters; **Yellow**—Stone sisters; **Orange**—Stone sisters; 2. Mrs. Casselman; **Light pink**—Stone sisters; **Purple**—Stone sisters. Decorative bowls of garden flowers—Mrs. H. A. Wilson, Crookston, first; Mrs. C. M. Pesek, Crookston, second.

Mr. E. A. Zitzer of Crookston was judge of the show. Prize ribbons were furnished by the Red River Valley Development Association. The bronze loving cup to be awarded annually to the exhibitor earning the largest score on prize winning exhibits was presented to the Ninth District Horticultural Society by Mr. and Mrs. C. M. Pesek of Crookston.

NORTHWEST SCHOOL BRIEFS

***Mrs. Josephine Qualley Berglund, a member of the staff in 1918, visited with the McCall and Foker families on September 3. Mrs. Berglund with her husband, C. H. Berglund, her daughter Gladys and son Bob, stopped at the campus on their way home from a trip to Winnipeg. The Berglunds reside at 5317 Clinton Avenue, Minneapolis, Minnesota.

***James Homme, '22, now postmaster at Bison, South Dakota, visited the school on September 3.

***Miss Dolores Webster, instructor in English, spent the summer months in Honolulu, Hawaiian Islands. She returned to her home at Stillwater, Minnesota, on August 25.

***Dr. Helen Gibbons, '25, of Santa Barbara, California, and her friend, Miss Ingram of Minneapolis, entertained the members of the Northwest School staff, their families and friends with an illustrated lecture on Alaska on August 27. Dr. Gibbons, a professor in English at the Santa Barbara State College, spent six weeks in Alaska this summer where she and her friends took beautiful Kodachrome motion and still pictures of scenery and life in Alaska.

***Mr. and Mrs. Leo Maattala, (Leo, '32), visited the campus on September 8. Leo, a graduate in vocational education at the University of Minnesota, has accepted the position as vocational agricultural instructor at the McIntosh High School this year and assumed his duties in late August.

***Leland Hanson, '36, graduated from the College of Agriculture, University of Minnesota, in 1941. He has accepted the position as instructor in agricultural engineering at the West Central School and Station at Morris, Minnesota, for the coming school year.

***RECENT CAMPUS VISITORS: Floyd Tack, '32, of East Grand Forks, on September 8. Jack Ferrier, '40, on

September 4.

***Dorothy Altepeter, '41, entered St. John's Hospital at Fargo, North Dakota, on August 29, for a nurse's training course. Her sister, Florence '39, is in her second year of training at the same hospital.

***A continuous stream of people watched John Socha, artist, work on a mural on a 14-foot steel scaffold in the W. P. A. booth in the basement of the grandstand at the Minnesota State Fair Grounds during the period of the fair, August 22-30. The painting depicts the landing of Leif Ericson in America and will be placed in the auditorium at the Northwest School of Agriculture when it is completed.

***Mr. and Mrs. O. J. Berg and daughter Alberta of Carol Gables, Miami, Florida, visited the Northwest School campus on August 22. Mr. and Mrs. Berg were former staff members at the Northwest School; Mrs. Berg (Frances Hovey) was director of music and Mr. Berg was station agronomist during the years 1912 to 1914. Mr. Berg left the Northwest School to accept the superintendency of the North Central Experiment Station at Grand Rapids. Since 1926, the Bergs have lived in Miami where Mr. Berg is associated in business with the Southern Florida Fertilizer Company and Mrs. Berg is head of the Department of Music Education at the Miami University.

Marriages

***Evelyn LaRiviere, '36, of Crookston, to Mr. J. Oran Wendling of Minneapolis, on September first.

***Miss Marian Cecelia Nelson to Mr. Robert W. Hill of Aberdeen, South Dakota, on August 30, at Aberdeen, South Dakota. Miss Nelson is a former member of the music staff at the Northwest School.

Deaths

***Clarence Klug, '38, of Barnesville, on September 4.

TEACHING STAFF FOR 1941-42

(Continued from Page 1)

MUSIC: Elvira Bierbauer, Marian Frykman, M. Ardell Hamlett, B. M. Bakkegaard; **BUSINESS TRAINING:** Fae Hughbanks, Ona Scheidler; **SCIENCE:** Bryan F. Swan; Dining hall matron, Fanny B. Lippitt; **HEALTH SERVICE:** Mary Peterson, school nurse; Dr. R. Derifield, school physician; **ATHLETICS:** R. J. Christgau, Elsie Kingston, E. F. Bennett; **MATHEMATICS AND HISTORY:** R. J. Halvorson, Marian Frykman; **FARM MARKETING:** T. M. McCall.

TRANSPORTATION AID REGULATIONS ANNOUNCED

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excess of the cost of their education.

Many boys and girls will benefit this year from the equality of opportunity afforded Northwest School students in receiving transportation aid to apply on living costs.

PLAN TO ATTEND Homecoming, October 25 Parents' Day, November 1

EBENHARD GANDRUD, '26, A RECOGNIZED INVENTOR

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5,000 lbs. per acre, or for broadcasting grass seeds and legumes.

Other products manufactured in the four-story modern plant which are Gandrud inventions include a portable roll-blackboard, and a doughmaster. The doughmaster is a frame that holds a canvas on which dough is rolled which enables the housewife to get the proper thin crust desired in pie baking.

The Northwest School staff offers its congratulations to the school's most versatile inventor, E. S. Gandrud.