

NORTHWEST MONTHLY

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NO. 2.

TWENTY-SEVENTH ANNUAL NORTHWEST SCHOOL FARMERS' WEEK AND RED RIVER VALLEY WINTER SHOWS February 8-12, 1937

Final plans have been made for the twenty-seventh annual Northwest School Farmers' Week and Red River Valley Winter Shows which will open Monday morning, February 8, and close the following Friday evening. Over forty prominent speakers and judges have been engaged to assist with the varied educational program, and organizations and individuals by the score are cooperating to insure the success of the forthcoming "Valley Classic".

D. M. Ladd, G-man, in charge of the Chicago office of the Federal Bureau of Investigation, will speak on "The FBI's War on Crime" Tuesday evening, February 9. Mr. Ladd was born in North Dakota, graduated from George Washington University Law School, and is a member of the District of Columbia bar. He has been with the Federal Bureau of Investigation since 1923 and has been special agent in charge of the New Orleans, St. Louis, St. Paul, and Chicago field divisions of the Bureau. He has worked on such cases as the kidnaping of August Luer, "Machine Gun Kelly", the kidnaping of Edward G. Bremer, and the Dillinger case. The work of the G-Men has been hailed as the outstanding achievement of the past decade. This organization has furnished ample proof that crime does not pay.

Senator Gerald P. Nye, Washington, D. C., will deliver the address of the day on Wednesday evening, February 10. He will speak on the subject "War Versus Agriculture". His work as chairman of the Senate Munitions Investigation Committee has been the subject of widespread interest throughout the nation. The American people are anxious to contribute their full share towards peace and good will among nations. Senator Nye's address will therefore focus attention on this important problem, and assist the people of the Red River Valley in forming sound judgments with respect to national policy.

Dr. and Mrs. Jean F. Piccard will

join in presenting an illustrated lecture on "The Exploration of the Stratosphere" on Thursday evening, February 11. Slides and motion pictures will be used in the explanation of the now famous stratosphere flight from Detroit, Michigan in 1934 for the study of cosmic rays. Dr. Piccard was born in Switzerland of French speaking Swiss parents and was educated at the Swiss

Mawr, with a Master of Science degree from the University of Chicago.

In 1933, Dr. Piccard with his brother, Auguste Piccard, designed the stratosphere gondola which was built under his supervision by the Don Chemical Company, Midland, Michigan. Mrs. Piccard was associated with Dr. Piccard in the stratosphere flight from Detroit in 1934.

Activities will close Friday evening with the sixteenth annual song festival by the Northwestern Minnesota Singers' Association. The veteran, T. W. Thorson, will direct the one-hundred fifty male-voice chorus from ten different communities.

The concert program as announced by N. A. Thorson, secretary of the organization, will include the following selections: "Bellman," by Forsythe; "150th Psalm"—Frank; "Deathless Army"—Trotter; "Mulligan Musketiers"—Atkinson; "Duna"—McGill; "Drink to Me Only With Thine Eyes," arranged by O'Hare; "Swing Along"—Cook, and "Glorious Forever"—Rachm-noff.

A complete summary of each day's program will be found elsewhere in this issue of the Northwest Monthly. Additional copies of the Northwest Monthly or the official program may be obtained upon request.



SENATOR GERALD P. NYE
Washington, D. C., will speak Wednesday evening, February 10

Institute of Technology where he received the degree of Doctor of Science. His brilliant career includes professorships at the University of Munich, University of Lausanne, University of Chicago, and Massachusetts Institute of Technology. He is at present giving a special series of lectures at the University of Minnesota.

Mrs. Piccard is a graduate of Bryn

BREEDERS ARRANGE LIVESTOCK SALE

The Red River Valley Livestock Association has made plans to hold a purebred livestock sale during Winter Shows Week. According to O. M. Kiser, secretary, the sale will be held Thursday, February 11, in the association's livestock pavilion.

The sale will be supervised by a committee of J. H. Sargent, Crookston, chairman; E. E. Carmen, Ada; Andrew Johnstad, Beltrami; Emil Lerud, Twin Valley, and O. M. Kiser.

Sale entries will be limited to purebred beef and dairy cattle, sheep and
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THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE
A. A. DOWELL, Superintendent

OFFICE
Northwest Experiment Station,
Crookston, Minnesota.

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

NEW ATTENDANCE RECORD 401 STUDENTS ENROLLED

For the first time in the history of the Northwest School, officials found it necessary to refuse late applicants due to lack of dormitory accommodation. The last of the three dormitories, of which there are two for boys and one for girls, was erected in 1914 when the enrollment averaged about two hundred students each year.

With a new high of 401 students enrolled this year, there is urgent need of additional dormitory and classroom accommodations. The situation is especially acute in the girls' dormitory where three girls have been assigned to all of the regular two-student rooms, with an overflow that filled one floor of the Health Service in addition to the Home Practice quarters and rooms in the Dining Hall. Unless additional buildings are provided, it will be necessary to limit registration in the future.

BREEDERS ARRANGE LIVESTOCK SALE

(Continued from Column 1)

hogs, and every effort will be made to maintain the high standards of breeding and quality set in former years.

The Valley Livestock Association will also sponsor the annual livestock and 4-H club show, which will be held during the week. Entries from all parts of the Northwest are expected to tax the livestock buildings to capacity. Last year, a fire gutted the main livestock barn just before the opening of the show, but temporary repairs were rushed and the show held as scheduled. This building has been completely remodeled so that everything is in readiness for the forthcoming event.

ADVANCED PRESENT MEMORIAL

As a closing gesture of their Northwest School career the class of 1936 presented an attractive electric scoreboard to the school on Saturday, January 16, as a class memorial. The brief, yet appropriate ceremony was held prior to the basketball game played on that date with the Park River Aggies.

Roland Wentzel, president of the class of 1936, delivered the presentation address after which the memorial was unveiled by Master Roger Christgau. Dr. A. A. Dowell, superintendent of the Northwest School, accepted the
(Continued in Column 3)



DEAN W. C. COFFEY

Dean Coffey will contribute much to the success of our midwinter meetings

WINTER SHOWS RADIO ANNOUNCEMENTS

Arrangements have been made to present a series of Winter Shows radio announcements (daily) over WDAY, Fargo, and KFJM, Grand Forks. Brief announcements will be made over WDAY during the noon-hour each day, beginning Monday, January 25, and continuing through Saturday, February 6.

Announcements over KFJM, Grand Forks, will be made each Saturday between 4 and 430 P. M.



PROFESSOR LEROY ARNOLD

will deliver two popular addresses on Thursday, February 11

memorial on behalf of the students and faculty and expressed appreciation of the continued interest and support given by the entire class of 1936, to the work of the school. As a conclusion to the brief presentation ceremony, the assembled rooters joined in singing the "Valley Aggie" and gave three rousing cheers for the Advanced.

The scoreboard, which is electrically operated and controlled, hangs high on the east wall of the gym and can easily be seen by spectators in any part of the gymnasium. The board records the score of the participating teams, the quarter of play, and the remaining time in each quarter. As an accommodation to scorers, timekeepers, and the press, a long table has been installed in the north bleachers from where the scoreboard is controlled.

Every member of the present Advanced class was on hand to witness the presentation of their class memorial which was planned by Coach R. J. Christgau who with Mrs. Christgau, have served as advisers throughout the four-year history of the class of 1936.

WOMEN'S MEETINGS POPULAR

An unusual series of lectures and demonstrations are being arranged for the special women's meetings which will be held during Winter Shows week. These meetings which will be held in the new High School auditorium, will open Tuesday morning, February 9, and continue through the following Friday afternoon. Mrs. Bess Wilson, Minneapolis, will deliver two lectures on the opening day—"Women and American Progress" and "The Great and Near Great." Miss Margaret Cable of the University of North Dakota will speak on "Clay in the Potter's Hands."

The following day, Dean W. C. Coffey will speak and Miss Esther Thompson, director of women's work, University of Manitoba, Canada, will discuss "The Home in the Scandinavian Countries" and "Adult Education in Scandinavia." The principal addresses on Thursday will be delivered by Professor LeRoy Arnold, Hamline University, and Professor W. H. Alderman, chief of the horticultural department, University of Minnesota. Professor Arnold will discuss "Broadway Plays Today" and "The Best New Books"; while Professor Alderman will discuss home beautification under the title of "Dooryard Suggestions."

The forenoon of the closing day, will be devoted to a discussion of "Problems in Rural Electrification", by L. P. Zimmerman, while the afternoon will be devoted to a "Parade of Brides", with living models dressed in costumes of many lands, and including styles of the past century. This program will be presented under the direction of a committee with Mrs. H. H. Hodgson as chairman.

COMING EVENTS

Jan. 30—Variety Night.

Jan. 31—Two-piano recital—Miss Marian Nelson, R. S. Dunham.

March 1-2—Senior Class Play.

March 15—Junior-Senior Banquet.

Complete Farmers' Week Program

ASSOCIATION MEETINGS AND BANQUETS

Members of the Livestock and Farm Crops Judging Contest Teams and 4-H Club Exhibitors' Annual Dinner Meeting, 6:00 P. M., Monday, February 8. H. A. Pflughoeft and E. R. Clark in charge.

Red River Valley Crops and Soils Association Luncheon Meeting in the Red and Gold room, Hotel Crookston, 12:00 noon, Tuesday, February 9. R. S. Dunham, secretary.

County Agent Association Dinner Meeting, Hotel Crookston, 6:00 P. M., Tuesday, February 9. C. L. McNelly, District Leader.

Boys' and Girls' 4-H Club Conference, leaders' conference in Room B, Armory, 10:00 A. M., Wednesday and Thursday, February 10 and 11. H. A. Pflughoeft, District Club Leader.

District Meeting of Rural Rehabilitation Supervisors, Thursday, February 11. Time and place to be announced. Bertrand Olson, in charge.

Honor Livestock Breeders' Association Luncheon, 12:00 noon, Wednesday, February 10, at the Hotel Crookston. L. Jensen, President.

Red River Valley Livestock Association Business Meeting, 10:00 a. m., Thursday, February 11, gymnasium room, downstairs, Armory. O. M. Kiser, secretary.

Northwestern Minnesota Red River Valley League of Municipalities Annual Meeting, council chambers, city hall, 10:00 a. m., Wednesday, February 10.

Northern Minnesota Poultry Association 29th Annual Meeting will be held at 1:00 P. M., Thursday, February 11. Place of meeting will be posted in the show rooms of the poultry show. Harold Thomforde, Secretary.

Rural Youth District Conference, Wednesday, February 10, 10:00 A. M., downstairs, Armory. Miss Ruby Christenson, in charge. All men and women interested in the Rural Youth Program are invited.

Minnesota Creamery Operators' and Managers' Association Meeting, District 4, Thursday, February 11, 2:00 P. M. Place to be announced. L. H. Oftedahl, secretary.

Minnesota Red River Valley Development Association Annual Business Meeting, Crookston Association rooms, 4:00 P. M., Thursday, February 11. E. W. Spring, Secretary.

Red River Valley Winter Shows Board of Managers Luncheon Meeting, Hotel Crookston, 12:00 noon, Friday, February 12.

Red River Valley Dairymen's Association, directors' meeting, 4:00 P. M., Wednesday, February 10—Hotel Crookston. C. M. Pesek, secretary.

County Superintendents' Luncheon and Meeting at the Hotel Crookston, 12:00 noon, Friday, February 12. H. E. Sorvig, chairman.

Northwestern Minnesota Singers' Association banquet, 5:00 P. M., Friday, February 12. Place to be announced. A. E. Morck in charge.

Annual Meeting of Polk Co. Chapter of Am. Red Cross. Crookston Public Library, 4:30 P. M., Wednesday, February 10. Mrs. C. M. Stephens, in charge.

Red River Valley Livestock Breeders' Association Banquet, 6:00 P. M., Wednesday, February 10. Place to be announced. O. M. Kiser, secretary.

EDUCATIONAL CONTESTS

Livestock Judging Contest for teams representing farm clubs, high schools, 4-H clubs, and teams representing the University of Minnesota Northwest School, Crookston; West Central School, Morris; North Central School, Grand Rapids, and Central, St. Paul; Manitoba Agricultural College (sub-collegiate class), Winnipeg; S. D. School of Agriculture, Brookings; Walsh County School, Park River, N. D., and Benson

County School, Maddock, N. D. R. J. Christgau, in charge; 7:30 a. m., Monday, February 8, Livestock Pavilion Judging Arena and Armory.

Judges: H. G. Zavoral, swine; Wm. R. Page, sheep; C. L. McNelly, dairy cattle; C. M. Kelehan, beef cattle, and R. M. Douglass, horses.

Farm Crops Judging Contest for teams from agricultural schools. (See list under livestock judging contest.) Dr. H. K. Wilson and R. F. Crim in charge; 9:00 A. M., February 8, Northwest School of Agriculture.

Judges: Dr. H. K. Wilson and R. F. Crim.

Red River Valley Rural School Spelling Contest will be held at 10:00 A. M., Friday, February 12, in the Central High School building. The winners from each of Becker, Clay, Clearwater, Kittson, Mahnomen, Marshall, Norman, Ottertail, Pennington, Polk, Red Lake, Roseau, and Wilkin counties compete in this event.

Committee: H. E. Sorvig, Crookston, chairman; Mrs. Esther Olson Coleman, Hallock, and Clarissa Bergquist, Detroit Lakes.

Judges: Mrs. Cora B. Zakrisson and Mr. D. C. Streeter.

SHOWS AND EXHIBITS

Red River Valley Livestock Association twenty-first annual livestock show. This association owns the three buildings used for the Red River Valley Winter Shows.

Livestock Judges: Sheep, P. A. Anderson; beef cattle, H. G. Zavoral; swine, E. F. Ferrin; horses, C. L. McNelly; and dairy cattle, J. B. Fitch, all of University Farm, St. Paul.

Minnesota Red River Valley Development Association twenty-seventh annual farm crops show. The first four shows were held at the Northwest School of Agriculture under the auspices of the institution. In 1914 the Minnesota Red River Valley Development Association was organized and took over the Farm Crops Show, and since 1922 the Red River Valley Crops and Soils Association has cooperated.

Crops Judges: Corn, I. J. Johnson; grains and grasses, A. C. Army; potatoes and onions, A. G. Tolaas, all of University Farm, St. Paul. Bee and honey products, Carl G. Ash, county agent.

Northern Minnesota Poultry Association twenty-ninth annual poultry show. The exhibit is held on the second floor of Annex B.

Judge: George W. Hackett, Wayzata, Minnesota.

Nineteenth Northwestern Minnesota Industrial and Implement Exhibit.

Northwest School Educational Exhibit and Display above Crops Exhibit Room.

Boys' and Girls' Club Exhibit.

WINNERS OF TROPHIES 1936

Beef Herd—Lofgren-McGregor, Ada.

Dairy Herd—E. E. Carman, Ada.

Sheep Flock—Orel and Harold Anderson, Wild Rice, N. D.

Swine Herd—Henry Leyh, Bertha.

Junior Dairy Calf—Odney Flaata, Fisher.

Junior Sheep—Gordon Clow, Orleans.

Junior Swine—Harry Howard, Warren.

Junior Baby Beef—LeRoy Cournia, Crookston.

WINNERS OF JUDGING CONTESTS

High School (livestock)—Gilbert.

Farm Club (livestock)—Roseau county.

Agricultural Schools (livestock)—Grand Rapids.

4-H Dairy Judging—Todd county.
 Adult Dairy Judging—Booster's Club, Polk.
 4-H Livestock Judging—Mahnomen county.
 4-H Dairy Demonstration—Mahnomen county.
 Agricultural Schools (Crops)—Crookston.
 Junior Showmanship—LeRoy Courmia, Crookston.
 Spelling Contest—Becker county.

POULTRY SHOW TROPHIES

Largest and Best Display—J. H. Rosenthal, Warren.
 Champion Cock—Darrell Morlan, Crookston.
 Champion Hen—W. T. Irvin, Virginia.
 Champion Cockerel—W. T. Irvin, Virginia.
 Champion Pullet—Darrell Morlan, Crookston.
 Champion Pen—Thomas Botko, Warren.
 Champion Bantam—Harold Thomforde, Crookston.
 Champion Turkey—Allen Turkey Farm, Radium.
 Champion Waterfowl—Arnold Gredvig, Fertile.

PROGRAM

MONDAY, February 8

Forenoon

- 7:30 Livestock Judging Contests—Livestock Pavilion Judging Arena and Armory.
 8:30 Crops Judging Teams wishing transportation to the Northwest School should meet at Crops Exhibits Room, Winter Shows building.
 9:00 Farm Crops Judging Contest—Northwest School of Agriculture.
 9:00 Judging Potato and Onion Exhibits—Crops Exhibit Room.
 9:00 Judging Grain and Corn Exhibits—Crops Exhibit Room.

Monday Afternoon

- 1:30 Livestock Judging Contests—Livestock Pavilion and Armory.
 1:30 Farm Crops Judging Contest—Northwest School.
 6:00 Dinner meeting of members of judging teams, junior exhibitors, and judges. Winners in the contests will be announced. H. A. Pflughoeft and E. R. Clark, in charge.

TUESDAY, February 9

Forenoon

- 8:00 Judging Livestock Exhibits—Livestock Pavilion Judging Arena.
 9:00 Judging Poultry Show—Annex B, second floor.
 10:30 Women's meetings—High School Auditorium.
 12:00 Luncheon meeting of the Red River Valley Crops and Soils Association at Hotel Crookston.

Tuesday Afternoon

- 1:30 General Meeting—Main Hall, Armory. Melvin Flaskerud, President of R. R. V. Crops and Soils Association, presiding.
 "Trends in Precipitation"—R. S. Dunham.
 "Soil, Water and Its Conservation"—Dr. F. J. Alway.
 "Deep Tillage Versus Mold Board Plow"—A. J. Schwantes.
 2:00 Women's meetings—High School Auditorium.
 2:00 Poultry Housing Day. Round-table discussion led by A. M. Pilkey. Downstairs, Armory.
 6:00 County Agent Dinner Meeting, Hotel Crookston.

Tuesday Evening

- Honorable W. J. Kirkwood, Mayor of the City of Crookston, Presiding.
 7:15 Concert—Municipal Band, T. W. Thorson, Director.
 8:00 Special Music—Music Department, University of North Dakota.
 8:20 Address—D. M. Ladd, G-man in charge of the Chicago office of the Federal Bureau of Investigation—"The Federal Bureau of Investigation's War on Crime."

WEDNESDAY, February 10

Forenoon

- 9:30 4-H Club Leaders' Conference—Room B, Armory.
 10:00 Rural Youth Conference—Downstairs, Armory. Miss Ruby Christenson, in charge.
 10:30 Women's Meetings—High School Auditorium.
 11:00 Awarding Championships—Livestock Pavilion. Silver Trophies Presented Winners by Officials in Charge.
 12:00 Honor Livestock Breeders' Association luncheon at the Hotel Crookston.

Wednesday Afternoon

- 1:00 4-H Beef and Dairy Showmanship Contest—Livestock Pavilion.
 1:30 4-H Leaders' Conference. Room B, Armory.
 1:30 Rural Youth Conference—Downstairs, Armory. Miss Ruby Christenson, in charge.
 1:30 Agricultural Meeting—Main Hall, Armory. O. M. Kiser, presiding.
 "Recent Developments of Interest to Dairy-men"—Professor J. B. Fitch.
 "Minerals for Sheep"—Professor E. F. Ferrin.
 "Problems in Livestock Breeding"—Dean W. C. Coffey.
 2:00 Women's Meetings—High School Auditorium.
 2:00 Poultry Feeding Day. Round-table discussion led by A. M. Pilkey. Downstairs, Armory.
 4:00 Red River Valley Dairymen's Association, Directors Meeting, Hotel Crookston.
 6:00 Red River Livestock Breeders' Association Banquet. Place to be announced.

Wednesday Evening

- Dean W. C. Coffey, University of Minnesota, Presiding.
 7:15 Concert—Juvenile Band—T. W. Thorson, director.
 8:00 Special Music—Northwest School.
 Violin Solo—Miss Grace Warne.
 Vocal Solo—Miss Lois Lohn.
 Miss Marian Nelson, Accompanist.
 8:20 Address—"War Versus Agriculture"—Senator Gerald P. Nye, Washington, D. C.

THURSDAY, February 11

Forenoon

- 8:45 4-H dairy demonstrations, and dairy, crops, and poultry judging contests.
 10:00 Red River Valley Livestock Association Business Meeting, gymnasium room, downstairs, Armory.
 9:30 4-H leaders' conference, Room B, Armory.
 10:30 Women's Meetings—High School Auditorium.

Thursday Afternoon

- 1:00 Consignment Sale of Purebred Livestock—Livestock Pavilion. Sale committee: J. H. Sargent, Crookston; Andrew Johnstad, Beltrami; E. E. Carman, Ada; Emil Lerud, Twin Valley; O. M. Kiser, Crookston.
 1:00 Northern Minnesota Poultry Association 29th Annual Meeting. Place of meeting to be posted in the poultry show room.
 1:30 4-H Leaders' Conference. Room B, Armory.
 1:30 Horticultural Meeting—Main Hall, Armory. T. M. McCall, presiding.
 "Potato Cleaning Demonstration"—R. C. Rose.
 "Timely Hints to Potato Growers"—A. G. Tolaas.
 "Fruits for the Red River Valley"—W. H. Alderman.
 Awards to winners of the Red River Valley Development Association, 4-H club tree planting project.
 Address—S. H. Rutford, Director of Rural Rehabilitation.

- 2:00 Minnesota Creamery Operators and Managers Association meeting. Place to be announced.
 2:00 Women's meetings—High School Auditorium.
 2:00 Poultry Health Day. Round-table discussion led by A. M. Pilkey. Downstairs, Armory.
 4:00 Red River Valley Development Association Annual Business Meeting—Crookston Association Rooms.

Note: District Meeting of Rural Rehabilitation Supervisors. Time and place to be announced. Address by S. H. Rutford. Bertrand Olson in charge.

Thursday Evening

- Dr. A. A. Dowell, Superintendent, Northwest School of Agriculture, Presiding.
 7:15 Concert—Crookston High School orchestra, T. W. Thorson, Director.
 8:00 Special Music—Northwest School of Agriculture. Piano Solo—Miss Marian Nelson. Vocal Solos—Miss Katherine Hennig.
 8:20 Address—"Exploration of the Stratosphere"—Dr. and Mrs. Jean F. Piccard.

FRIDAY, February 12

Forenoon

- 10:00 Red River Valley Rural School Spelling Contest—Crookston High School.
 10:30 4-H Building Material Demonstration Team—Clearwater County.
 10:30 Women's Meetings—High School Auditorium.
 11:15 Fitting Baby Beef for the Show Room—Livestock Pavilion.
 12:00 Luncheon meeting of Red River Valley Winter Shows Board of Managers, Hotel Crookston.
 12:00 County Superintendents' Luncheon and meeting at Hotel Crookston.

Friday Afternoon

- 1:30 4-H Dairy Demonstration on Cream Grading—Norman county—Livestock Pavilion.
 1:30 Rural Electrification program. Main Hall, Armory. C. G. Ash, Polk County Agent, presiding.
 "Practical Uses of Electricity on the Farm"—L. P. Zimmerman.
 "Problems in Rural Electrification"—Ralph Wayne, Meeker County Agent, and I. J. Clinton, secretary-manager of the Meeker County Rural Electrification project.
 2:00 Women's Meetings—High School Auditorium.
 2:00 Turkey Day. Round-table discussion led by A. M. Pilkey. Downstairs, Armory.
 2:00 Sheep Showmanship Contest—Livestock Pavilion.
 2:30 Pig Showmanship Contest—Livestock Pavilion.
 4:00 Twenty-third Annual Red River Valley Spelling-down—Central High School.
 5:00 Northwestern Minnesota Singers' Association Banquet. Place to be announced.

Friday Evening

- Alfred Lindem, Bygland, President of the Northwestern Singers' Association, Presiding.
 T. W. Thorson, Director.
 8:15 Sixteenth Annual Song Festival of the Northwestern Minnesota Singers' Association. Member choruses are Beltrami, Bygland, Crookston, East Grand Forks, Erskine, Fertile, Gonvick, Halstad, McIntosh, Mentor, Winger.

Intermission

Announcing winners of Red River Valley Rural Spelling Contest.

Women's Meetings

PROGRAM

TUESDAY, February 9

Forenoon

Miss Fanny Lippitt, Presiding

- 10:30 "Women and American Progress"—Mrs. Bess M. Wilson, Minneapolis.

Tuesday Afternoon

Mrs. L. L. Landberg, Presiding

- 2:00 Address—"Clay in The Hands of the Potter"—Miss Margaret Cable, University of North Dakota.
 2:50 Music—Northwest School group. Miss Katherine Hennig, director.
 3:05 "The Great and Near Great"—Mrs. Bess M. Wilson, Minneapolis.

HOSTESSES—Mrs. George T. Conati, Chairman; Mesdames Henry Wilson, Arnold Goplan, Dan Smiley, Edwin C. Johnson, L. L. Tygeson, L. M. Wikre, Ben Kiddoo, Hugh Steffen, W. G. Paradis, W. F. Mercil, Arnie C. Hovland, Leo Anderson, Andy Volland, Oscar Bergos, G. P. Mink, P. E. Moen, C. M. Larsen.

A RECEPTION COMMITTEE from the Current Events Club will be in charge on Tuesday. Mrs. L. L. Landberg, Chairman.

WEDNESDAY, February 10

Forenoon

Miss Retta Bede, Presiding

- 10:30 "Adult Education in Scandinavia"—Miss Esther Thompson, Director of Women's Work, Manitoba Department of Agriculture, Winnipeg.

Wednesday Afternoon

Mrs. M. O. Jackson, Presiding

- 2:00 Address—Dean W. C. Coffey.
 2:50 Music—Crookston High School A Capella Choir. T. W. Thorson, Director.
 3:05 "The Home in the Scandinavian Countries"—Miss Esther Thompson, Winnipeg.
 4:30 Annual Meeting of Polk Co. Chapter of Am. Red Cross, Mrs. C. M. Stephens, in charge. Crookston Public Library.

HOSTESSES—Mrs. L. L. Brown, Chairman; Mesdames E. E. Johnson, Fred Crane, Maurice Rosenthal, Joe Tiernan, Mike Wentzel, N. F. Bartholome, Ralph Finkenbinder, Robert Musselman, L. H. Camp, H. E. Newland, R. C. Saugstad, A. E. Morck, H. M. McFarlin, Sr., B. E. Albertson, E. A. Schuett, William Riedesel, Robert Muir.

A RECEPTION COMMITTEE from the Woman's Club will be in charge on Wednesday. Mrs. M. O. Jackson, chairman.

THURSDAY, February 11

Forenoon

Miss Elsie Mae Kingston, Presiding

- 10:30 "Broadway Plays Today"—Professor LeRoy Arnold, Hamline University, St. Paul.

Thursday Afternoon

Mrs. Claude Carpenter, Presiding

- 2:00 "Beautifying the Home Grounds"—Professor W. H. Alderman, Chief, Horticultural Division, University Farm, St. Paul.
- 2:50 Music—Northwest School group. Miss Katherine Hennig, director.
- 3:05 "The Best New Books"—Professor LeRoy Arnold, St. Paul.

HOSTESSES—Miss Mayme Fournet, Chairman; Mesdames C. M. Rosaaen, Gustave Gunstenson, W. H. Holland, Armand Loken, Ira Clark, Herman Strander, C. R. Musselman, Gus Gustafson, Andy Volland, W. E. Rowe, R. J. Christgau, A. Z. Thompson, Howard Burkholder, Merle Webb, D. A. McKenzie.

A RECEPTION COMMITTEE from the American Legion Auxiliary will be in charge on Thursday. Mrs. Claude Carpenter, Chairman.

FRIDAY, February 12**Forenoon**

Mrs. Walter Morgan, Presiding

- 10:30 "Rural Electrification"—L. P. Zimmerman, University Farm, St. Paul.

Friday Afternoon

Mrs. C. L. Oppegaard, Presiding

- 2:00 Music—Crookston High School Music Department—T. W. Thorson, director.
- 2:15 "The Parade of Brides"—Committee in Charge: Mrs. H. H. Hodgson, chairman; Mrs. Fred MacGregor, Mrs. M. O. Jackson.

HOSTESSES—Mrs. W. J. Kirkwood, Chairman; Mesdames Selvan Hall, Llewellyn Reese, Juhl Torvi, H. G. Pester, J. E. Wilder, J. H. Sargent, F. O. Youmen, Henry Borgeman, Martin O'Brien, John Saugstad, J. J. Nicklay, Adolph Rink, John Anderson, Carl W. Bergquist, Robert Langguth, J. C. Feller, E. C. Hopkins.

A RECEPTION COMMITTEE from the Matron's Club will be in charge on Friday. Mrs. C. L. Oppegaard, chairman.

Boys' and Girls' 4-H Club Program**Monday, February 8**

- 7:30 4-H General Livestock Judging Contest—
8:30 4-H registration.
Judging 4-H potatoes and corn.
- 1:30 Assembly, announcements—Room B. Armory.
- 6:00 Dinner. 4-H club members and judging teams.
Presentation of awards—A. J. Kittleson.

Tuesday, February 9

- 8:00- 8:15 Assembly. Basement. 4-H livestock exhibit.
- 1:15 Judging 4-H club livestock—Livestock pavilion.
- 7:15 Auditorium—Address by D. M. Ladd, "G-Man". Armory.

Wednesday, February 10

- 8:30- 8:45 Assembly. Basement. 4-H livestock exhibits.
- 9:30-10:35 Leaders' Conference. Room B, Armory.

Looking Forward in 4-H Club Work in 1937—A. J. Kittleson.

- 10:45-11:20 Speaker to be announced.
- 11:25-12:10 How Typical Clubs Participate in Activities—R. H. Giberson.
- 1:00- 1:30 Beef and Dairy Showmanship Contest. Livestock Pavilion.
- 1:30- 2:30 Discussion—Planning the Year's Program—A. J. Kittleson.
- 2:30- 3:10 The Program of Some Typical Clubs in 1936—May Sontag.
- 3:10 A Typical 4-H Club Meeting—by members and leaders of the Kittson Club of West Polk.
- 7:15 4-H Club Leaders and Club Members get-together.

Thursday, February 11

- 8:30- 8:45 Assembly. Room B, Armory.
- 8:45 4-H dairy judging contest. R. J. Christgau in charge. Livestock Pavilion.
- 4-H crops judging contest. R. S. Dunham and E. R. Clark in charge. Crops Room.
- 4-H dairy demonstration teams and individuals—R. H. Giberson. Second Floor, Crops Room.
- Poultry judging contest. A. M. Pilkey in charge. Poultry Annex.
- 9:30 Leaders' Conference—Room B. Armory. Directing Project Work at the 4-H Club Meeting—May Sontag and H. A. Pflughoeft.
- 10:30-11:05 Speaker to be announced.
- 11:10-12:10 Discussion. Planning the Year 'Round Program, continued—A. J. Kittleson.
- 11:30 A 4-H Dairy demonstration, by Norman County. Discussion by May Sontag.
- 2:30- 3:10 Speaker to be announced.
- 3:00 Assembly. Room C. Awards to be announced.
- 3:10- 4:00 Discussion. Planning a Monthly Club Program—A. J. Kittleson.

Friday, February 12

- 10:00 Assembly. Room B. Armory.
- 10:30 4-H demonstration by Clearwater team—Livestock Pavilion.
- 11:15 Contest. Fitting Baby Beef for the Show Ring. Livestock Pavilion.
- 1:30 4-H Dairy demonstration. Norman county team. Livestock Pavilion.
- 2:00 Sheep Showmanship. Livestock Pavilion.
- 2:30 Pig Showmanship. Livestock Pavilion.

RURAL YOUTH DISTRICT CONFERENCE**Wednesday, February 10****Down Stairs Armory**

- 10:00-10:45 Young Folks, Yesterday, Today, and Tomorrow—Dean W. C. Coffey.
- 10:45-11:20 Community Singing.
- 11:20-12:00 Activities of Minnesota's Rural Youth Organization—L. A. Churchill.
- 1:30- 2:30 Young Folks in Other Lands—Miss Esther Thompson.
- 2:20- 2:45 Speaker to be announced.
- 2:45- 3:45 Discussion "How Shall We Develop Our Programs"—Miss Ruby Christenson.

BASKETBALL SEASON UNDER WAY

With an unimpressive record of eight straight defeats, the basketball season to date would appear to be a dismal failure to an outsider, yet to students and faculty at the school such is not the case. In every game played to date the Northwest Aggies have exhibited the spirit and determination which have earned for them the support and enthusiasm of all the rooters. The Aggies have established a reputation as a hard luck outfit that plays the game from the opening to the final whistle and as a result have commanded the respect of every one of their opponents.

A difficult schedule of thirteen games and the string of defeats have not reduced the enthusiasm of squad members as they go about their chores gaining the necessary experience which undoubtedly will serve them in good stead next season. Not a letterman was available for this year's team and when the large squad which reported at the opening of the season was reduced to workable size many Juniors and Seniors were on the select list.

Two days after the opening of the second term the Aggies encountered for the second time this season, the Climax High quint and again the Northwest five was defeated, this time by an 18-10 count. Two days later, on January 8, the annual clash with the Walsh County Aggies was staged at Park River, North Dakota and resulted in a 30-7 defeat.

Tough breaks on some well aimed shots prevented the Aggies from scoring their first victory of the season when they engaged Fosston High on January 12 and lost by a 20-19 count. In the fourth quarter the Aggies scored eight points to none for Fosston. Needing only one field goal to overtake their opponents the Aggies made a desperate attempt to turn the tide but the breaks were against them as two different attempts at field goals rolled around the hoop without registering.



MRS. BESS WILSON
will deliver two addresses on Tuesday,
February 9

On January 16, the Park River Aggies journeyed to the Northwest Campus for a return game and were given a great surprise by the stiff opposition offered by the maroon and gold five. Whereas Park River had previously scored an easy victory, the second encounter proved to be a closely fought game for three quarters and the Walsh County Aggies were forced to extend themselves in the final quarter to garner a 17-11 win.

The first and only home game of the Minnesota Ag School Conference season was played on Saturday, January 23, against the Grand Rapids Aggies. The latter boasts one of the strongest teams in the history of the school and scored their eighth consecutive victory of the season when they triumphed over the Northwest five by a 32-13 count.

Remaining games on the current season's schedule are:

January 30, Crookston High (Northwest gym); February 6, St. Paul Aggies at St. Paul; February 13, East Grand Forks High (Northwest gym); February 20, Morris Aggies at Morris; February 24, Crookston High (Crookston gym).

RURAL YOUTH CONFERENCE ARRANGED

L. A. Churchill, state county agent leader, and Miss Ruby Christenson, Rural Youth supervisor of the Agricultural Extension Division, University Farm, St. Paul, have scheduled a district Rural Youth Conference for Wednesday, February 10, of Winter Shows week. Speakers will include Dean W. C. Coffey, Miss Esther Thompson, L. A. Churchill, and Miss Christenson. The new Rural Youth Movement has made remarkable progress throughout the state. This will be the first district conference to be held, and the officials in charge anticipate that a large number of young people will be in attendance.

FARM CROPS PROGRAM COMPLETE

"The Conservation of Soil Moisture" will be the central theme of the Red River Valley Crops and Soils Association program which has been scheduled for Tuesday, February 9, of Winter Shows week. Melvin Flaskerud, Fosston, president of the Crops Association, and recently elected Minnesota Premier Seed Grower, will preside over the meeting. Speakers will include Dr. F. J. Alway, University Farm, who will discuss "Soil, Water and Its Conservation"; Professor R. S. Dunham, Northwest Station agronomist, who will speak on "Trends in Precipitation" and Professor A. J. Schwantes, University Farm, "Deep Tillage Versus Mold Board Plow."

A Farm Crops and Horticultural Show will also be held during the week with entries from fourteen Northwestern Minnesota counties. Judges include Professor A. C. Arny, grains and grasses; Dr. I. J. Johnson, corn; A. G. Tolaas, potatoes and onions; and C. G. Ash, bee and honey products.

The Farm Crops show is sponsored

by the Red River Valley Development Association. Wm. E. Dahlquist, Thief River Falls, is president of this association; T. M. McCall, Northwest Station horticulturist, vice-president; S. M. Sivertson, Crookston, treasurer; and E. W. Spring, Crookston, secretary.

Other activities of special interest to crop producers will include the crops judging contests, Crops and Soils Association dinner, and potato cleaning demonstrations.

ADVANCED WIN JUDGING TROPHY

Fifteen students participated in the Northwest School annual interclass stock judging contest which was held Monday, January 18. Each of the four classes had three or more representatives competing in the contest, which was supervised by O. M. Kiser and R. J. Christgau, station animal husbandmen.

Ten classes of livestock were placed. There were two classes each of beef cattle, swine, dairy cattle, sheep and horses. Oral reasons were given on one ring in each of the five classes. The judging of the classes and the scoring on reasons was done by County Agent C. G. Ash and his assistant, W. O. Woodman.

The Advanced class won first place and a silver trophy, with a score of 1928 points out of a possible 2250 points; the Freshmen ranked second; Seniors third and Juniors fourth. The three highest individuals in the Advanced class were Richard Radway, Roosevelt; Leland Hanson, Twin Valley; and Otto Haugen, Hillsboro, North Dakota. In the Freshmen class, the three highest ranking were Wilburn Brekken, Crookston; Kenneth Newhouse, Crookston; and Leslie Smith, Red Lake Falls. The three high men in the Senior class were Clifford Stolen, Fosston; Truman Hemmestvedt, Good-



MISS ESTHER THOMPSON
Winnipeg, will speak on Wednesday,
February 10

ridge; and Ray Carlson, Middle River; while the three highest ranking Juniors were Willard Peterson, Bronson; Charles Bosard, Warren, and Russell Thieling, Grygla.

The highest ranking individuals in the judging of the different classes were as follows: Dairy Cattle, Richard Radway; swine, Truman Hemmestvedt; beef cattle, Leland Hanson; sheep, Ray Carlson; and horses, Wilburn Brekken. Wilburn Brekken, freshman, was the high man of the contest with a total score of 660 points out of a possible 750 points. Richard Radway, Advanced class, ranked second with a score of 657 points.

OFFICIAL PREMIUM LIST ISSUED

According to John Saugstad, Winter Shows business manager, copies of the official premium lists have been mailed to prospective exhibitors throughout the Northwest. Additional copies may be secured by writing to Mr. Saugstad at Crookston.

The official program has also been printed and is now available for general distribution. Over forty speakers and judges will assist with the varied program which will include judging contests, lectures, and demonstrations.

Fifteen thousand farmers and townspeople are expected to attend the twenty-seventh annual Valley classic.

SPECIAL HORTICULTURAL MEETINGS ARRANGED

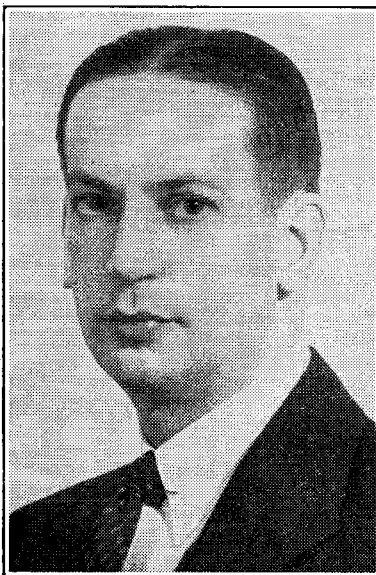
Potato growers and horticulturists will have their innings during the Northwest School Farmers' Week and Red River Valley Winter Shows. Exhibits of potatoes and onions will be on display throughout the week, and one day, Thursday, February 11, has been designated Horticultural Day.

This program will include a potato cleaning demonstration by Professor R. C. Rose, plant pathologist, and A. C. Tolaas, state seed potato inspector; "Fruits for the Red River Valley" by Professor W. H. Alderman, chief of the Horticultural Department, University Farm, St. Paul; an address by Skuli Rutford, Director State Rural Rehabilitation Department, and the presentation of awards by the Red River Valley Development Association to winners of the windbreak planting project.

According to Professor T. M. McCall, Minnesota potatoes are equal to potatoes grown in other parts of the United States, from the standpoint of quality, but are often forced to sell at a discount due to appearance. The cleaning of potatoes consequently appears to be highly desirable. Red River Valley potato growers are particularly concerned due to the heavy soil common to this area.

This will be Professor Alderman's first appearance on a Winter Shows program. His work at the Central Station, however, is well known, for he has developed a number of improved varieties of apples, plums, and small fruits. The farmers of this area are invited to bring their fruit and vegetable problems to this meeting.

The Red River Valley Development



D. M. LADD

G-Man in charge of the Chicago office of the Federal Bureau of Investigation will speak Tuesday evening, February 9

Association has offered \$100 in prizes to winners of the Red River Valley windbreak planting contest. Winners will be announced and prizes distributed in connection with the Horticultural Day program.

STUDENTS PLANT "OFFICIAL" SCHOOL TREES

The Northwest School tree planting project is gaining momentum to such an extent that students are no longer content to plant but a single tree but are planting trees in increasing numbers. Sixty-nine Freshmen and new students planted Northwest School trees in 1936. Thirty-five of this number planted from 2 up to 1014 trees each. A stand of 60.6% on the 2681 trees planted in 1936 was most qualifying, considering the draught and hot weather conditions which prevailed



DR. AND MRS. JEAN F. PICCARD

Dr. and Mrs. Jean F. Piccard will give an illustrated lecture on the Stratosphere Thursday evening, February 11

throughout the planting and growing seasons.

Nine students planted twenty or more trees each. The larger plantings were of course made for windbreak protection. Frances LaPlante of Crookston, the winner in the Windbreak Project, planted 1014 trees and obtained a stand of 58 percent. One other large planting of 1000 Chinese Elm was made by Harvey Altepeter of Crookston.

According to T. M. McCall, horticulturist, the American White Elm was the chief species used for the Northwest School tree, while the Chinese Elm was the chief species used in windbreak planting. A higher percentage of success was obtained by students who transplanted local trees than was obtained by students who transplanted purchased stock.

Many students planted seeds of Green Ash and Hackberry and as a result of this planting many hundred seedlings will be available for windbreak and ornamental planting in the next few years.

PERSONALS

Ole Flaatt, '16, Fisher, was recently re-elected vice president of the Minnesota Farm Bureau Federation.

An essay entitled "Breeding for Black Stem Rust Resistance in Spring Wheat," written by Torlief Boe, '34, appeared in the December 1936 issue of the "Journal of the American Society of Agronomy". Torlief is now in his second year at the University of Minnesota.

J. W. Mlinar, Registrar, reports that Christmas greetings were received from the following alumni: Edson Washburn, Jr., Box 125, Route 4, Santa Cruz, California; Arthur W. Burk, 122 East First Street, Duluth; Vernon Steenerson and Searle Nelson, Bothell, Washington; Emil Hoppe, 220 Siewallin Street, N., Moscow, Idaho; Ed Widseth from Evanston, Illinois, enroute to San Francisco for East-West football game; Melvin Pearson, Minneapolis; Ed Myers, 935 So. Oxford Avenue, Los Angeles, California; Vernon Smolack, 504 Huntington Beach, California; Grant Washburn, Los Angeles, California.

Superintendent A. A. Dowell and Professor R. S. Dunham attended the Experiment Station conference held at University Farm, St. Paul, on January 22 and 23. Dr. Dowell also appeared on the Manitoba Dairymen's Convention program at Winnipeg on January 27.

MARRIAGES

Miss Florence DeRoche to Mordy Morrison, Sp. '33-34, Hallock, on Saturday, November 7.

Miss Thora Adams, Grand Rapids, to Nels Stenborg, '31, on November 28, at Grand Rapids. They are making their home at Barrington, Illinois, where Nels is employed.