

THE NORTHWEST MONTHLY



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NUMBER 6.

4-H Club Week, June 10-15 Women's Camp, June 17-20 45th Anniversary and Alumni Reunion, June 29

Anniversary Celebration And Alumni Reunion, June 29

Saturday, June 29, will be a gala day at the Northwest School and Station. The forty-fifth anniversary of the founding of the Northwest Experiment Station will be celebrated with appropriate exercises in conjunction with the annual reunion of alumni of the School of Agriculture. The Northwest Experiment Station, one of the first and the largest of the branch stations of the Minnesota Agricultural Experiment Stations, was established July 1, 1895. The School of Agriculture was established at the Northwest Experiment Station in 1906. Alumni celebrating their five-year reunions will come from the classes of 1910-'15-'20-'25-'30-'35.

The outstanding features of the anniversary celebration will be the appearance on the program of three former superintendents of the Experiment Station and School. The former superintendents include T. A. Hoverstad, the first superintendent who served from 1895 to 1905; the Honorable C. G. Selvig, 1910-1927; and Dr. A. A. Dowell, 1927-37. The present superintendent, T. M. McCall, a member of the School and Station staff for the past twenty-nine years, will preside at the program and speak on the subject "The Northwest Experiment Station Today."

Dean Walter C. Coffey, director of the Minnesota Experiment Station for the past twenty years, will head the list of guest speakers. Other speakers will include Dr. C. H. Bailey, vice director of the Minnesota Experiment Stations, and a member of the Northwest School Alumni Association. Greetings will be extended from the University Board of Regents and the University administration.

The Anniversary and Alumni banquet at noon will be one of the highlights of the day's program. Movies of the dedication of the dining hall, Soldiers' and Sailors' Memorial taken in 1920, together with movies in technicolor of school activities in 1939-40, will be shown during the afternoon.

The five-year alumni groups will have picnics and dinner parties on Saturday.

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E. R. Clark Accepts Federal Position

Professor E. R. Clark of the Northwest School and Station left on May 15 to accept a position with the United States Department of Agriculture. Mr. and Mrs. Clark, daughter Mary Ellen and son Edward left the campus to go to Lafayette, Indiana, where Mr. Clark will be Associate Seed Technologist in the Federal State Seed Laboratory. Margaret Ann Clark, a sophomore in Home Economics at Iowa State College will join her parents at Lafayette at the close of the college year in June.

Mr. Clark completed his twentieth year of service at the Northwest School and Station. During his period of service, Mr. Clark was in charge of pureseed distribution from the Experiment Station, supervisor of student project work, and instructor in the fields of agronomy and science. He received his undergraduate training at the University of Wisconsin and later



E. R. Clark

took sabbatical leave in 1931-32 for graduate work at the University of Minnesota where he received his Master of Science Degree.

In addition to his pureseed work, Mr. Clark made a study of farm weeds and weed seeds and is eminently fitted for his new work as director of the Federal State Seed Laboratory.

Valuable community service has been rendered by Mr. Clark both at the Northwest School and in the city of Crookston where he served as a Boy Scout leader and as an officer of his Sunday school and church. Mrs. Clark too has been active in community and church work.

The best wishes and congratulations from the School and Station staff are extended to Mr. Clark as he leaves for his new advanced position.

Superintendent T. M. McCall states that a successor to Mr. Clark will be appointed on or before July first.

Fifteenth Women's Camp, June 17-20

The fifteenth annual Women's Camp will be held at the Northwest School June 17-20. A program of more than usual interest has been arranged with Miss Retta Bede and J. W. Mlinar as camp leaders. Outstanding specialists in their fields have been secured as speakers and demonstrators for the camp which, together with the handicraft work, recreation and entertainment programs, will make a fitting observance of the fifteenth anniversary of the camp.

Miss Bess M. Rowe, woman's editor of "The Farmer" magazine, St. Paul, and formerly head of the Home Economics work at the Northwest School, has been secured for the entire period. Miss Jessie Hutton of the Singer Sewing Machine Company will speak on "Home Decoration" and will demonstrate labor saving devices for sewing machines. Miss Reba Staggs of the National Livestock and Meat Board, Chicago, and Miss Retta Bede, home economics specialist of the Northwest School will give daily demonstrations on food preparation.

An elaborate Women's Camp cook book is now being assembled for mimeographing and will be distributed to Women's Camp members at this year's camp. Women at the 1939 Camp agreed to send in their favorite recipe for this booklet, and from the recipes received to date, it appears that a one hundred percent response has been received from camp members.

Another feature of the Camp this year will be the handicraft work offered by Miss Ruth Kjome of St. Paul and Professor A. M. Foker of the Northwest School who will instruct campers in hammering metal and decorating bowls. Mrs. Ida Swanson of Crookston will give instruction in crocheting. A large exhibit of crocheting, consisting of bedspreads, table cloths and miscellaneous articles is in prospect. Women campers will contribute to the crocheting exhibit. Swimming and lawn games will provide a variety of types of recreation for all women present.

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NORTHWEST MONTHLY

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THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
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Northwest Experiment Station,
Crookston, Minnesota

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

Sweet Clover Pasture For Dairy Cows

Pasture feeding trials at the Northwest School and Station at Crookston indicate the high value of sweet clover as a pasture for dairy cows in that part of the state. Over a period of three years, the average number of days of pasture for a cow was 126 per season on an acre of sweet clover and 57 days on an acre of native grass. These results have just been announced by O. M. Kiser, in charge of livestock work at the Northwest Station. The Division of Dairy Husbandry, University Farm, St. Paul collaborated in the sweet clover pasture trials.

Holstein cows were used on this experiment. The years covered were 1932, 1933 and 1938. The grass used in the comparison was a mixture of native grass and quack grass. The milk production, per cent of fat, body weight, and the supplementary feeds fed were recorded. A measure of the growth of the grass and sweet clover was obtained by clipping fenced enclosures several times during the pasture season. These samples were also used for making complete analyses. A grain mixture and some hay were fed in addition to the pasture. The yield of nutrients from the pasture crops compared favorably with other crops in the community. This is based on the yield of nutrients obtained by the clippings and by calculating from the milk production and body weights of the cows.

For the three years, sweet clover averaged to produce nutrients equivalent to a yield of 34 bushels of corn, or 70 bushels of oats, or 42 bushels of barley, or 1½ tons of alfalfa hay. The grass yielded nutrients equivalent to an acre yield of 17 bushels of corn, 35 bushels of oats, 21 bushels of barley, or 0.7 ton of alfalfa hay.

The reduced cost of the nutrients in the pasture crops becomes apparent when you consider that the harvesting cost is eliminated in the case of pasture. By using selected pasture crops and good pasture management, yields of pasture crops may be obtained that will justify the use of the best land available on the farm.

It was estimated that each acre of sweet clover pasture yielded sufficient nutrients for 1096 lbs. of 4% milk without additional supplements; the native grass mixture yielded sufficient nutrients for 737 lbs. of 4% milk without supplements. The actual yield per acre when supplemented with a grain mix-

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Alumni Reunion Committees Appointed

The officers of the Northwest School Alumni Association are giving their full cooperation to the School and Station in making arrangements for the observance of the forty-fifth anniversary of the founding of the Northwest Experiment Station and the thirty-fourth anniversary of the School. In addition to the committees on general arrangements, county committees are appointed to get full representation of alumni from their counties to the anniversary celebration. Alumni Association officers are: Howard E. Balk, Bagley, president; George Berggren, Baudette, vice president; Melvin Soderberg, Hallock, secretary; Rishton Bedard, Hallock, treasurer. The officers are members ex-officio of all committees. The committee on general arrangements include: **Faculty Advisory Committee:** J. W. Mlinar, R. J. Christgau, Retta Bede.

General Arrangements Committees

Refreshments: Harold Utech, Clearbrook; Heimer Swanson, Red Lake Falls; Winston Johnson, Milaca; William Vasilakes, Lengby; Harold Qualley, Mentor; John Hoglin, Lancaster. **Dance and Decorations:** Edward McMillan, Mahnomon; Telfred Slettvedt, Oklee; Clifford Nybo, Clearbrook; Donald Nelson, Kennedy; Wayne Lantz, Lengby; Emma Wettestad, Middle River; Gene Musselman, Crookston; Glenn Ellinger, Crookston. **Sports:** Telfred Slettvedt, Oklee; Ed McMillan, Mahnomon; Donald Handegard, Dale; George Raymond, Crookston; Elmer Ross, Fisher; Silas Strand, Twin Valley.

County Committees

BECKER: Evelyn Bierbaum, Detroit Lake; Karroll Gandrud, Detroit Lakes; Vernon Bryngelson, Callaway; Chester Ingebretson, Ulen. **CLAY:** Leyden Finney, Georgetown; Clifford Sauer, Glyndon; Frederick Reitan, Moorhead; Bertrum Johnson, Hawley. **CLEARWATER:** Edmund Rydeen, Clearbrook; Evelyn Brandt, Gonvick; Mrs. Chester

(Continued in Col. 3)



MISS BESS M. ROWE

Woman's editor of "The Farmer" magazine will appear on the Women's Camp program to be held at the Northwest School, June 17-20.

Robertson Hall Scene Of Wedding

Robertson Hall parlor was the scene for the first campus wedding when on May 18 Miss Dorothy Foker, daughter of Mr. and Mrs. A. M. Foker of the Northwest School, became the bride of William Montague of Crookston. Miss Foker has made her home on the campus since childhood and was well known by students and faculty until recent years when her nurse's training and professional work kept her from Crookston a major portion of the time. The Montagues will reside in Crookston where Mr. Montague is employed as the district court reporter.

ALUMNI REUNION COMMITTEES APPOINTED

(Continued from Col. 2)

Strandli, Clearbrook; Olaf Stenberg, Bagley. **KITTSOON:** Lowell Ryden, Hallock; Frank Phillips, Noyes; Mrs. Grant Bothum, Kennedy; Camilla Ecklund, Hallock; Morris Dahl, Kennedy; Hazel Dahlgren, Kennedy, Phillip Lambert, Hallock. **LAKE OF THE WOODS:** Dorothy Setterholm, Baudette; Richard Holmgren, Baudette; Edith Ramberg, Pitt; Robert Davids, Williams; Herzelle Johnson, Baudette. **MAHNOMEN:** Nils Pederson, Bejou; Esther Haugo, Mahnomon; Albert Adler, Waubun. **MARSHALL:** Lester Lerud, Warren; Gladys Quantock, Argyle; Dorothy Evans, Middle River; Lois Haug, Oslo; William Merdink, Stephen; Peter Tandberg, Newfolden. **NORMAN:** Norman Moen, Gary; Silas Strand, Twin Valley; Delene Hegreberg, Ada. **OTTERTAIL:** Lester Knutson, Ashby; Harold Cordes, Henning; Kenneth Rosvold, Underwood; Dayton Jacobson, Pelican Rapids; Gunder Gunderson, Fergus Falls; George Schulz, Fergus Falls. **POLK:** Dr. Harry Hedin, East Grand Forks; Helmer Nornes, Lockhart; Alfred Olson, Beltrami; Bert Spence, Crookston; Melvin Gibbons, Crookston; Dorothy Hanson, Trail; Ordell Frigstad, Gully; Martin Egeland, Fisher; Obert Landsverk, Fosston; Burnett Bergeson, Crookston. **PENNINGTON:** Owen Weckwerth, Hazel; Lloyd Lund, Thief River Falls; Harry Solberg, Goodridge; Olaf Dahlen, Goodridge; Rodney Lindstrom, Thief River Falls. **RED LAKE:** Edna Hoppe, Red Lake Falls; Arthur Gordon, Oklee; Henry Berg, Red Lake Falls; Ray Sorvig, Red Lake Falls. **ROSEAU:** Kermit Trangsrud, Badger; John Rader, Warroad; Archie Lee, Roseau; Melvin Brastad, Roseau; Rudy Berger, Greenbush; Edwin Mortenson, Wannaska; Wilson Radway, Roosevelt. **WADENA:** Lloyal Harris, Wadena. **BELTRAMI:** Jerome Molacek, Bemidji; Thomas Cain, Poneamah; Fred Cook, Tenstrike. **ST. PAUL AND MINNEAPOLIS:** Edwin C. Widseth, Ray Higgin, Carl Widseth, Leo Maattala, Stanley Alseth.

The full program for the Alumni Reunion and county committees will be announced in the June issue of the "Northwest Monthly."

****Married—Miss Mildred Eeg of Gary to Orville Hovelson, '33, of Gary. They will make their home near Gary, Minn.

Harry Ward Co-Partner In Poultry Production

Harry Ward, special '37-38, with his brother Larry are putting into practice the objectives of Home Project work in the farm poultry project. Harry, football captain of the 1938 Aggie championship team, was intensely interested in poultry and spent many overtime hours, while at the Northwest School, working with A. M. Pilkey in the poultry breeding project.

The Ward Brothers flock at Hermantown, St. Louis county, had the distinction during November of being first in production per hen for the entire state. The 320 hens in the Ward flock averaged 24.1 eggs each during that month. The modern and well-equipped poultry house with trained and experienced poultrymen and a well-bred flock make a winning combination in the poultry business.

Tractor Clinic Well Attended

A "tractor clinic," the first in a series of agricultural engineering schools scheduled for the summer months, was held at the Northwest School of Agriculture on Wednesday, May 22. The tractor clinic was sponsored by the Duluth branch of the Standard Oil Company in cooperation with seven tractor companies represented in the district.

A total of 115 men registered for the classwork with approximately 150 men in attendance. Factory representatives of the tractor companies met each of

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4-H CLUB WEEK

South Counties—June 10, 11, 12
North Counties—June 13, 14, 15

The twenty-ninth annual Junior Short Course and 4-H Club Week will be held at the Northwest School on June 10-15 and an attendance of over 1100 boys and girls quite equally distributed between the two camps, is expected. The enrollment in 1940 is expected to exceed the 1140 figure reached in 1939.

Miss Anne Thorbeck, acting district leader of 4-H clubs, points out that the 1940 camp will have many outstanding features and that a well-balanced program has been arranged. Twenty-one regular instructors will be assisted by the county agents and county 4-H club leaders in the class and recreational work in the camps. The staff list includes: A. J. Kittleson, Ruby Christensen, Juanita Silcox, Ruth Kjome, Charlotte Kirchner, Parker Anderson, Wm. Dankers, all from St. Paul; Miss Jessie Hutton, sewing specialist, Minneapolis; Evelyn Bierbaum, Detroit Lakes; Lester Lerud, Warren; Mrs. Verta Johnson, Hallock; Superintendent T. M. McCall, Registrar J. W. Mlinar, R. S. Dunham, O. M. Kiser, R. E. Nylund, R. J. Christgau, A. M. Pilkey, A. M. Foker, the Misses Anne Thorbeck and Retta Bede, all of the Northwest School.

An interesting and valuable program has been arranged for the county adult and junior leaders of 4-H clubs. The chief emphasis in the leadership groups

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Crops And Soils Day, July 16

Visitation day for field crops and the summer meeting of the Crops and Soils Association has been set for Tuesday, July 16.

The Crops and Soils Association will hold their annual business session in the school library at 11:00 A. M. Following the picnic lunch at noon, brief addresses will be given before the tour of the experimental plots.

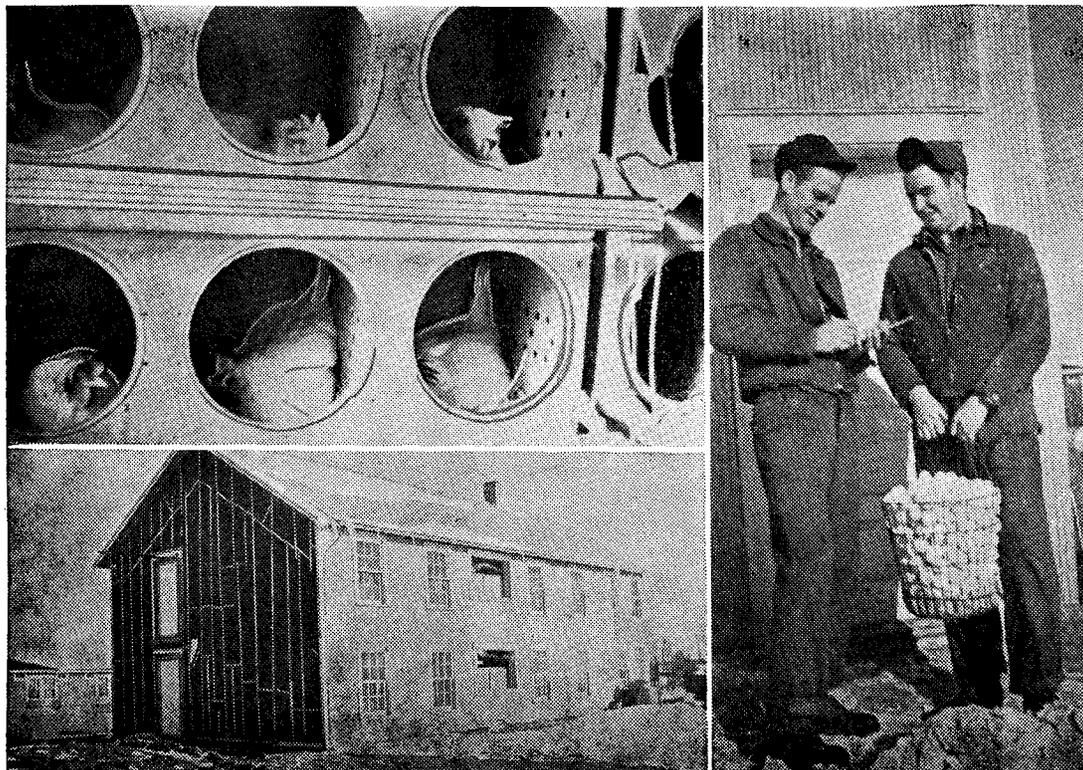
The county agents and agricultural instructors will have their annual crops meeting on the campus during the afternoon of July 15.

Sheep Shearing Demonstrations, June 12 and 14

A sheep shearing demonstration and training school will be a feature of the 4-H Club Week to be held at the Northwest School, Crookston, on June 10-15. W. E. Morris, livestock specialist of the Minnesota Agricultural Extension Division, will be in charge of the demonstration and school. Mr. E. S. Bartlett of Chicago, a professional sheep shearer, will demonstrate sheep shearing and give instructions to six or eight selected students in each of the two schools.

The first demonstration and school will be held on Tuesday and Wednesday, June 12-13, and the second school will be held on Friday and Saturday, June 14-15. A general invitation is extended to all sheep men in the territory to attend either of the two demonstrations on June 12 or 14.

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Courtesy—Duluth News-Tribune.

The Ward brothers, Larry (left) and Harry are shown above with their modern two-story poultry house, in which the chickens remain indoors at all times, and their new steel nests, which are unsurpassed for sanitary purposes. See article on this page, column one.

4-H CLUB WEEK

(Continued from Page 3, Col. 2)

will be placed on conducting meetings and club programs.

A school nurse will be employed for the camps and the health program will be presented by Dr. W. G. Paradis of Crookston.

The sheep shearing school and demonstration on June 12 for the south county group and June 14 for the north county group will be an outstanding feature of the animal husbandry projects. Trophies for crops and livestock judging will again be awarded to county judging teams.

Concrete construction on the farms, forestry projects, tree planting, farmstead beautification, and all regular home economics, crops and livestock projects will be given special consideration in the class groups.

The recreational program has been well planned by R. J. Christgau, director of athletics, his student assistants and county 4-H club leaders. Inter-county competition will be held in volleyball, kittenball, kickball, track, and field events. Two full-time swimming instructors will be able to take care of all swimming classes.

County music and entertainment groups in addition to the groups entering in music and dramatic contests will add greatly to the evening entertainment program. Becker county will present an historical pageant with a cast from the Indian School at Ponsford. Each county will also present short special music and entertainment numbers.

Who May Come

Girls and boys twelve years old or over and who are 4-H club members may come. Adult and junior leaders are also urged to attend as a special program will be conducted by able instructors.

When To Come

Everyone should plan to come early enough on the first day to register before three o'clock and to be ready at that time for other activities. Supper will be the first meal served in the dining hall; hence, those who come in the forenoon should bring a picnic lunch. The Short Course will close at 3:30 p. m. on the third day.

What To Bring

Each club member and leader should bring his or her own bedding, two blankets, sheets and pillow, together with soap, towels, comb, etc. Tennis shoes and musical instruments will also add to the interest of the week.

Cost

The total cost of board, room, and entertainment will be \$1.25. Room reservations should be sent to the county club leader or county agent not later than June first.

SHEEP SHEARING DEMONSTRATIONS, JUNE 12 AND 14

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Students or former students desiring to secure this special instruction in sheep shearing should enroll at once by writing to Superintendent T. M. McCall, since the number of students must be restricted to six or eight for each class group.

ANNIVERSARY CELEBRATION AND ALUMNI REUNION, JUNE 29

(Continued from Page 1, Col. 1)

urday evening, with baseball and kittenball games as side attractions. The day's festivities will be climaxed with the Alumni ball in the gymnasium.

The June issue of the "Northwest Monthly" will feature the program of the anniversary celebration and alumni reunion.

A general invitation is extended to the public to attend the anniversary exercises. Pioneers and old settlers organizations will join in celebrating the Anniversary of the Experiment Station. Special invitations are being sent to all educators, Experiment Station workers, and business men who had a part in the founding of the School and Station to be present or send greetings.

SWEET CLOVER PASTURE FOR DAIRY COWS

(Continued from Page 2, Col. 1)

ture and a small amount of alfalfa hay was 3879 lbs. of 4% milk for sweet clover and 1554 lbs. for the grass pasture.

In this case the difference between the calculated milk production on pasture alone and the actual production of the pasture grass and supplements emphasizes the importance of supplementing pasture crops with more concentrated feeds. High producing cows cannot eat enough of the bulky pasture crops to support more than 25-30 lbs. of milk daily without losing body weight.

TRACTOR CLINIC WELL ATTENDED

(Continued from Page 3, Col. 1)

the seven class sections and discussed operation and management of their respective makes of tractors during the morning. The afternoon program was devoted to lectures and demonstrations on fuels, lubrication and fuel testing.

J. W. Eckman, assistant manager and H. W. Stromwell, sales manager of the Duluth branch of the Standard Oil Company, conducted the school. M. L. Olson of the Ethyl Gasoline Corporation gave an illustrated lecture on gasoline and tractor fuels; E. M. Proctor, automotive engineer from Duluth, discussed tractor lubricants. The program was concluded with a demonstration of making comparative tests of tractor fuels.

Superintendent T. M. McCall and A. M. Foker of the Northwest School took part on the program. Factory representatives from the tractor and oil companies present included: factory representatives—J. M. Peterson, Allis Chalmers; H. J. Swike, John Deere; P. E. Walline, Caterpillar; O. A. Nelson, Minneapolis-Moline; A. C. Smith, Farmers' Union; H. W. Langenberg, McCormick-Deering; H. M. Wilcox, Massey-Harris; M. L. Olson, Ethyl Gasoline Corporation; Standard Oil Company—J. W. Eckman, assistant manager; H. W. Stromwell, sales manager; K. R. Mayer, assistant sales manager; E. M. Proctor, automotive engineer; and R. L. Bratt, district representative.

PERSONALS

****Arnold Gredvig, '29-30, of Fertile, was recently elected president of the East Polk County 4-H Leaders' Council. Arnold is a member of the Fertile 4-H club.

****Ruth Lerud, '36, of Twin Valley, who is a student in the College of Home Economics at University Farm, St. Paul, recently served on the committee in charge of the Ag Senior Women's Cap and Gown breakfast held on the University Farm campus.

****Leo Maattala, '31, a student in the College of Agriculture, University Farm, St. Paul, took one of the leading parts in the play "Craig's Wife," which was presented on the Ag campus May 17 and 18. He is a member of the Punchinello Ag dramatic group.

****Ray Mykleby, '35, a junior in the College of Agriculture, University of Minnesota, was recently elected treasurer of the Ag Lodgers league, a campus organization.

****A large number of Northwest School graduates are teaching this year in rural schools in Minnesota and include: Lloyd Chapman, '32, Fertile; Effie Pederson, '30, Clitherall; Ivy McVeety, '37, district 11, East Grand Forks; Betty McVeety, '36, district 58, Crookston; Lawrence Simonson, '31, district 1935, McIntosh; Nora Hamre, '30, district 275, Winger; and Hazel Dahlgren, '31, district 30, Kittson county.

****Harold Sanden, '35 and Joe Widseth, '37, students in the College of Agriculture, University Farm, St. Paul, were recently appointed Cabinet members of the school's Y.M.C.A. Harold is in charge of intercampus relationship and Joe is in charge of athletics.

****Wallace Abbott, '32, is superintendent of the Ponsford School at Ponsford, Minnesota, this year. Rose Naplin, '33, is teaching at the Ponsford school.

****Northwest School alumni who are students in the College of Agriculture, University Farm, St. Paul, served on committees for the annual Ag Royal Day held on the Ag campus May 10 and 11. They were: Program committee—Harold Sanden, Earl Lindberg, Ray Mykleby, Ruth Lerud, Richard Radway, Joe Widseth, Torlief Boe, Morris Dahl; Agronomy—Ray Higgin, Oray Tangen, and Marshall Evans. Earl Lindberg and Marshall Evans served as chairmen of their respective committees.

FIFTEENTH WOMEN'S CAMP, JUNE 17-20

(Continued from Page 1, Col. 3)

The Women's Camp, of three days duration, gives homemakers an ideal opportunity to get refreshing contact with new ideas in a place free from home cares. It is this type of contact that brings such a large number of women campers back each year to the Northwest School for this event.

The total expense for board, room, and entertainment, beginning with the Monday evening dinner and continuing through the Thursday noon luncheon, will be \$3.00.