



NEWS OF FARM LIFE

GRANGES

COUNTY AGENT'S REPORTS

CROP NEWS

DEPARTMENT OF AGRICULTURE NEWS



Good Pastures Cut Production Costs

Results of Irrigation Shown in O. S. C. Bulletin as Aid to Dairying Industry.

Results of 19 years of continuous experimentation with irrigated pastures in Oregon indicate that good pasture usually furnishes cheaper feed for the dairy cow than any other farm crop. Such is the statement made in a new bulletin just issued by the state college experiment station on "The Value of Irrigated Pastures for Dairy Cattle."

"Greater use of pastures in the farm management plan is resulting in lower production costs and greater net returns for many progressive Oregon dairymen," according to the authors of the bulletin, H. P. Ewalt and L. R. Jones of the experiment station staff. "Pasture is cheaper than the other roughages such as hay, silage, root crops or soiling crops, because of the higher yield and greater digestibility and because there are no harvesting costs and only comparatively low seedling and management costs."

The bulletin gives the results of grazing straight ladino clover pastures, as well as those where clover and grass mixtures are used. It also shows the results of fertilization of irrigated pastures. In general, ladino clover and grass mixtures yielded more than either grass or clover alone. The four-year annual average yield per acre on 14.5 acres of mixed ladino and grass pasture was equivalent to 4.8 tons of alfalfa hay or 226 bushels of oats.

Must Use Fertilizer
The tests show that most profitable yields can be obtained only if fertilizer is used. Where such large yields are taken off, it is only to be expected that fertility must be returned, the authors say. The yield on areas fertilized with 300 pounds of 16 per cent superphosphate per acre was 75 per cent greater than on areas not fertilized.

On experimental plots cows obtained 55 per cent of their nutrient requirement from the pasture and grazed 189 days per year. The area carried 14 cows per acre daily during that period, and those produced an average of about 10 pounds of four per cent milk per day.

News of 4-H CLUBS

Four-H club members of Douglas county made their last showing of exhibits for the year at the Northwest Turkey show at Oakland last week. This was the thirteenth affair at which 4-H club exhibits were shown this year.

In the live division of the show Norman Rydell of Drain placed first with his bronze birds. Conrad Davis of Sutherlin placed third in the same class. Jim Goff of Oakland placed second with his Narragansetts. Howard and Clyde Maupin of Kellogg placed first and second respectively in the Bourbon Red class. Ward Todd placed his White Highlands in first place.

In the dressed division of the Junior department, Norman Rydell placed first. Conrad Davis third, and Jim Goff fourth.

Though the judging contest was held in cramped and crowded quarters it proved to be interesting and very much worth while in the opinion of those in connection with the show. Norman Rydell of Drain won this contest with Ward Todd of Oakland a close second. Third place went to Conrad Davis of Sutherlin, fourth to Clyde Maupin of Kellogg, and fifth to Jim Goff of Oakland.

A large hobby club has been enrolled from Fullerton school in Roseburg. Mrs. P. O. Aekley was selected as leader. The members elected Nancy Radabaugh president, Shirley Matthews first vice-president, and Gale Parr secretary. The hobby will consist of sewing and fancy work.

A sheen club has been organized and enrolled in the Hayhurst section west of Yoncalla. This group elected Eldon Morin president, Homer McKirdy vice-president and Milton Morin secretary. Other members are Wayne Morin, Kenneth McKirdy, Eugene Swanson, and Albert Hamilton. Mrs. Mable Poole will direct the activities of the club.

Boys of the Elgarose school formed a bachelors sewing club under the leadership of Mrs. Dora Ritzman, teacher of the school. Members of the club are Paul Backlund, president, Leonard John vice-president, Jack Victory secretary, Aaron John Garber, Ray John.

The health club of fifteen members has been enrolled from the Days Creek school with Elmer Ayres, teacher of the school, as leader. Isaac Wright was selected from the group as president, Jean McGee vice-president, and Lois Matthews secretary.

Six boys of Wilbur reorganized their livestock club which is led by E. D. Russell. Glenn Hunter is president, Richard Brown vice-president, and Richard Sands sec-

Champ Steer Brings Low Price



Lucky Boy II, 1240-pound grand champion steer of Chicago stock show, brought only \$135 a pound on auction block when bought by Ellard, Monroe and Leonard Pfaltzer, above, meat packers. It was a low price, but Mayfield Kothman (in striped shirt), 18-year-old 4-H Texan, still realized a good profit on the animal he purchased for \$33.

retary. Other members include Vincent Holcomb, Ira Holcomb and Robert L. Irving, Jr.

General acclaim for the accomplishments of the 4-H club program in Oregon and the United States was given at the annual conference of agricultural and home economics workers at Oregon State college, where the 4-H club silver anniversary was observed.

It was in 1914 that the passage of the Smith-Lever law established the extension service resulted in the launching of the 4-H club program. H. C. Seymour, who, for more than 23 of those 25 years, has been local of club work in Oregon, sketched the growth of the movement in this state and reported that last year more than 25,000 projects were carried on by more than 20,000 different Oregon boys and girls.

Mrs. Buena Maria, extension specialist in family relationships, called attention to the great value of 4-H club work in family life and personality development of youth. She said that the 4-H program improves family relationships by making possible achievement by the youngster which brings family approval at an age when too little of this is the rule. She said that the whole program tends to give young people those satisfactions of accomplishments, new experiences and recognition which are so important at that age.

Chancellor E. M. Hunter, in an address to the entire conference, lauded the 4-H club program and said that its ideals of development of the head, heart, hand, and health coincide with the best objectives of American education.

County Club Agent E. A. Britton attended this conference.

(By Patricia Calkins)

The boys in the hobby wood-working club are still working on their corner shavings which they have just about completed. They met to work on these Monday and Wednesday.

The girls hobby art club met on Tuesday and Thursday. The girls have cut stamps on potatoes and are printing Christmas cards. They are to save one card to put in their scrapbooks.

The girls camp cookery club met on Friday at the home of the leader. This meeting was really enjoyed, because they had flapjacks and syrup. Donna Welt and Patricia Calkins cooked these and washed the dishes. Next time two more will do this.

Although it was a rainy day, the boys in the forestry club went out in the woods with Mr. Miller and got the Christmas tree for the school.

(By Josephine Wright)

The woodworkers of the third year Forestry club of Days Creek high school last week elected Josephine Wright president, Maudie Matthews vice-president, and Susie Crispin secretary. This club has the same members as the Forest Scouts of last year.

The requirements for this year's work is to be able to identify all of our local forest trees, our local flowering shrubs, and different types of wood. We are going to study forest protection, fires, and grazing besides the economics of our natural resources such as forests, water power, wild life, recreation, and minerals. Last year we learned elementary surveying, packing and did some compass work. This year we plan to study land surveying, land surveying, U. S. surveying and the state laws regarding this work. Previously we studied some fire and game laws, but we are adding land laws pertaining to forest conservation for the coming year.

It is planned that the club will work on the point system this year. When a member has completed his required work, he will have obtained one hundred points. Extra credit will be given for participation in forestry, reporting on forest conditions in different sections, actual experience in forest fire fighting or reporting, and re-

porting on a forest conservation book. Some recognition will be given those members receiving the highest scores.

There are eight members in this club which was organized last year with the intention of carrying it over a period of five years.

The forest scouts will complete their work Wednesday morning when they will present the morning's assembly.

The fourth meeting of the Jolly Cookers was held last Monday at the Days Creek school house. After usual business, the leader explained all difficulties which have recently arisen. All members are progressing nicely with their work. This club was organized on November 17 with Josephine Wright as leader and has eleven members.

They are: President, Maxine Wright; vice-president, Alice Mae Welch; secretary, Violet Goss; Norman Duncan, Jean Duncan, Hazel Welch, Beverly Worthington, Jean McGee, Henrietta Udam, Lavina Perdue and Josephine Wright. The meeting closed with a song. The Days Creek boys cookery club held its weekly meeting at the Days Creek school on Monday. This club was organized on December 9th and has as its leader Josephine Wright. It has seven members and all will carry cookery one. The usual business formalities were observed. Roll call was answered by explaining the work that has been done.

The club was named Bachelor Bakers. President of this club is Marshall Matthews, vice president Clifford Wooster, secretary Robert Wright. Others members of this club are Richard Snyder, Bill Ward and Josephine Wright. The meeting ended with the club pledge.

A health club was organized among the seventh and eighth grade room at the Days Creek school the past week. Elmer Ayres was chosen local leader. Robert Wright was elected president, Jean McGee vice president, and Lois Ellen Matthews will act as secretary. The club made plans for the year's work.

(By Bob Matthews)

Members of the "Umpqua Balsa Butchers" met last Thursday evening at Junior High school at which time Mr. Simpson, our leader, gave the first in a series of lessons on better airplane performance.

Under wings, he explained, the diaphragm of a wing and the airflow over an ordinary wing and a well wing. The members were shown the different ways to gain stability in a plane, and how to get the correct tail area.

NOTICE

Regular meeting Umpqua Post, No. 16, American Legion, December 19, 1939. Christmas party and feed. Bring a toy for Christmas boxes. (Adv.)

ADJUTANT.

You do not need cash to buy used cars at the Hansen Motor Co. your Chevrolet dealer's big clearance sale, now going on. PHONE 116 and ask for a salesman or come to our used car lot for details. \$20,000 worth of used cars must be sold by January 1st. (Adv.)

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Growers Holding For Wheat Boosts

CHICAGO, Dec. 18.—(AP)—The great majority of wheat producers who have been holding their grain off the market for higher prices continued to watch and wait today as values hovered around the best levels since 1937.

Thousands of farmers, with approximately \$114,000,000 of government money already received for their grain, have an important stake in the current crop scare and war-inspired market. Each change of a cent a bushel in the price alters the value of the 164,000,000 bushels of wheat held on farms and in warehouses approximately \$1,640,000.

Farmers now have paper profits aggregating more than \$25,000,000 bushels, less storage and interest charges on loans as a result of the cent sharp advance which has lifted market prices as much as 20 cents a bushel or more above loan rates.

However, the highest prices in more than two years have attracted no rush to redeem loan wheat and sell at market. Holdings pledged to the government as security total 2,724,000 bushels in the period from November 28 to December 15 during which the price of December wheat here rose from 58 to 99 cents, or 19 cents over the loan rate.

Loans will not come due until April 30, which means, traders said, that the producers, waiting game can be prolonged at least 41 months if market conditions warrant.

Forester Okayes Yule Tree Cutting

PORTLAND, Dec. 18.—(AP)—Cutting Christmas trees in the Douglas fir belt is a substantial and "legitimate" forest industry, Lyle F. Watts, United States regional forester said.

"It helps payrolls and brings some revenue to the owners of cut-over forest land," he said. Watts urged the public to cooperate in eliminating unnecessary waste, the creation of additional fire hazards and disregard of silvicultural conditions in cutting young trees.

He estimated that several million trees are shipped south and east annually from Oregon and Washington.

How to keep needles from your Christmas tree from falling, as recommended by Watts:

Set the tree in a tub of water or moist sand. Another method is to set the tree in a one-gallon container, mix five grams of citric acid and six grams of malle acid or pectin with three quarts of water. Later, add 15 grams of calcium carbonate to the acid solution. As the tree uses up the solution, add more water.

The chemicals are inexpensive. Watts explained, and will give good results for practically all kinds of Christmas trees except hemlock.

Cold Storage Apples in U. S. Dec. 1 Show Decline

WASHINGTON, Dec. 18.—(AP)—The agriculture department reports cold storage holdings of apples in the country totaled 26,748,000 bushels on December 1, or about 67,000 bushels less than on the same date last year.

The quantity in storage on this date during the 1934-38 period averaged 31,478,000 bushels. The holdings by states included Washington, 19,880,000 bushels; California, 1,795,000; Oregon, 1,135,000; Virginia, 5,346,000; Michigan 1,000,000; Pennsylvania, 1,710,000; New York 5,103,000; New Jersey, 858,000.

Oregon, Idaho Growers Reject Onion Program

WASHINGTON, Dec. 18.—(AP)—The agriculture department announced commercial growers in 34 major onion-producing counties of Idaho and Oregon rejected a proposed federal marketing program at their recent referendum.

The department said only 23 of 30 growers who voted in the referendum favored the federal plan. The 90 represented approximately 48 per cent of the total production in the area, the department estimated. The favorable vote of

two-thirds of those participating was required. Under the proposed program, interstate shipments of onions could be limited according to varieties, grades and sizes when marketing conditions warranted.

Two Granges Join In Installation

Officers of Kellogg and Sunnydale granges were installed at a joint ceremony held Saturday night at Kellogg grange hall. The officers were installed by Mrs. Alice Goff and her staff at an impressive ceremony.

Officers of the two granges are as follows: Sunnydale grange—Carl Huebner, master; Irvin Frieze, overseer; Mona Rydell, lecturer; Victor Olson, steward; Lawrence Frieze, assistant steward; Elizabeth Frieze, chaplain; Elsie Huebner, secretary; Milo Haines, gate keeper; Donna Rydell, Pomona; Daisie Lyons, Ceres; Susie Frieze, Flora; Patty Cook, lady assistant steward; Norman Traylor, treasurer; Ivan Haines, Lonar Compton, Fred Swearingen, executive committee.

Kellogg grange—Eugene Fisher, master; Homer Ladd, overseer; Mabel Rader, lecturer; Conrad Miller, steward; Cecil Denny, assistant steward; Nannie Bullock, chaplain; Gladys Griffith, secretary; Frank Griffith, gatekeeper; Vera Kesterson, Pomona; Margaret Esslinger, Ceres; Anna Hingstham, Flora; Eldon Fisher, treasurer; Eugenia Solomon, lady assistant steward; Leona Madison, Cornelia Miller, Rosa Hutchinson, executive committee.

Oregon Fruit, Vegetables Held Up by State's Law

SALEM, Ore., Dec. 18.—(UP)—State department of agriculture inspectors intercepted 814,825 pounds of fruit and vegetables in November that failed to comply with the state horticulture laws.

In all cases, except a quantity of wormy apples which were ordered dumped, the products were released as soon as grading, labeling, or quarantine regulations were met. Twenty bags of potatoes found to be short weight were ordered filled.

In addition to produce, 135 sacks of flour were dumped because the inspectors found they contained weevil, and 1,700 pounds of dried fruits were ordered burned as unfit for human consumption.

Three States to Dump Inferior Grade Onions

DENVER, Dec. 18.—(AP)—Colorado onion growers, who harvested a crop of 1,500,000 hundred-pound bags this year, plan to dump about a third of their bumper crop and market only onions of U. S. No. 1 grade.

W. C. Sweinhart, state director of agriculture, said the Colorado onion industry's board of control had asked the marketing restriction, which are more effective. Utah had taken similar steps. King said, and the Idaho industry has "agreed verbally to comply with what we do here in Colorado."

Cantaloupes were named after the Italian town of Cantalupo, near Rome.

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Nursery Income in Northwest Shown

SALEM, Ore., Dec. 18.—(UP)—Nurseries in Oregon and Washington bring a gross income of \$7,000,000 annually. J. S. Wieman of the nursery service of the state department of agriculture here said. Nurseries in the two states utilize about 9,000 acres of land.

Eighty per cent of the Oregon output is distributed to other states and foreign nations. Wieman said. Rose shipments from Oregon now average about 35 carloads a year, and other ornamental nursery stocks amount to 110 cars annually, he said.

The Willamette valley and coast areas are producing about 80 cars of narcissus, iris and tulip bulbs. The Portland and Grants Pass areas produce 45 carloads of gladioli bulbs and the whole state ships 32 cars of seedlings and 60 cars of fruit tree each year.

Wieman noted a large increase in shipments of cut holly and florist's stocks. The winter fern gathered along the Oregon coast is providing income for many pickers and is shipped out in increasing quantities each year.

Lamb Shipments Into Corn Belt States Up

WASHINGTON, Dec. 18.—(AP)—The agriculture department reports that shipments of lambs through stockyards into cornbelt states during the five months, July through November, were seven per cent larger than during the corresponding period last year and the largest since 1934.

Shipments direct from producing areas into the corn belt likewise materially exceeded those of a year earlier.

Fall Drouth Harmful To Ranges of Oregon

PORTLAND, Dec. 18.—(AP)—The fall drouth made range conditions in Oregon only 70 per cent of normal, the agricultural marketing service's December 1 livestock and range report said.

Cattle were listed as 81 per cent normal and sheep 82 per cent. The last four months of 1939 promise to be the driest on record for this four-month period in the 17 western states, the report said.

Officers Installed by Camas Valley Grange

CAMAS VALLEY, Dec. 18.—At an interesting grange meeting December 12, reports were given by the different committee chairmen. Bernard Dean, overseer-elect for the coming year, resigned and A. W. Geller was elected in his stead. Mr. Geller, treasurer-elect Guy Lawson and Steward-elect Ernest Wheeler were installed by Master Bernard Dean. The last meeting of the year will be held Dec. 26.

Corn Feeding Alone Not Enough for Growing Pigs

ALBANY.—While corn often gives very poor results if fed alone to growing and fattening pigs,

when some protein supplement such as skim milk, buttermilk, fish meal or tankage is added, it takes top place among cereals grown on the farm. County Agent F. C. Mullen pointed out recently. Pigs weighing around 100 pounds will make better gains on ear corn than they will on shelled corn, but older pigs will gain better on shelled corn, he said. Grinding corn for hogs does not greatly increase its feed value.

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