

FARM CO-OPERATIVE DIVISION

A MESSAGE TO EVERY MEMBER.

CO OP. CREAMERY BUTTER SCORES 100% EFFICIENCY

Umatilla Co-operative Creamery made an excellent showing at monthly scoring and analysis conducted at Oregon State College Department of Dairy Husbandry.

The samples are taken from the regular run of print butter sold to retailers and mailed to Corvallis where the butter is scored for quality and analyzed for composition and yeast and mold count.

The scores of the various creameries range from 0 to 100 on composition and the yeast and mold counts range from 0 to 10,000 per cubic centimeter. The efficiency score is the average of the composition score and the yeast and mold score.

The Umatilla Cooperative Creamery had an efficiency score of 100% and a yeast and mold score of 99.5% which makes an efficiency score of 99.5%. Only one creamery of the 33 creameries represented, had an efficiency score as high as the Umatilla Cooperative Creamery.

The quality score for the Umatilla Co-op Creamery was 91.5% while the average score of all of the creameries represented was 90.67%.

Of the butter sold through Interstate Associated Creameries by the Umatilla Co-operative Creamery: 15,300 lbs. scored 92; 13,124 lbs. scored 91; 9,588 lbs. scored 90; 3,196 lbs. scored 89. Total butter sold, in cubes, 41,208 lbs. Local print trade, 8,995 lbs. Total sales, 49,203 lbs.

The butter has shown a great improvement in the last few months, and no butter has been returned for any reason whatsoever.

Improvements in equipment and sanitary conditions have made it possible for the Umatilla Co-operative Creamery to do as well as many modern plants.

FIGURES SHOW FAIR "RENT" TO BE PAID WHEAT FARMERS.

With the amount of wheat acreage reduction definitely set at 15 per cent by the Wheat Adjustment Administration, Oregon will have 156,900 acres to be taken out of wheat production this next year, if every wheat grower in the state signs up under the adjustment plan.

Of course it is not expected that everyone of the 17,090 wheat growers in the state will find it advantageous to sign up to cooperate in this national movement to restore the purchasing power of wheat, although early indications through the Columbia Basin show that more than 90 per cent of the wheat growers there are availing themselves of this opportunity. Organization work is progressing rapidly throughout the state in order that some two million dollars out of a total of approximately three and a quarter million may be paid this September, according to officials of the Oregon State College Extension service, which is in charge of the educational and organization campaign.

By taking average yields of the various counties, the extension service men find that farmers will, in effect, be paid an average of \$20 an acre for the land left out of wheat production. This amount varies, of course, with the county, ranging from \$11.44 to as high as \$32.78. Of course, these benefit payments are not made directly on an acre basis, but rather at the rate of 28 cents a bushel for the allotment bushels assigned each grower, but now that the acreage reduction has been definitely set at 15 per cent, it is a simple matter for each grower to figure out his possible benefit payments on the basis of acreage to be left out of wheat.

Actual benefits, however, will doubtless be considerably greater than this, owing to the provision which requires acreage reduction for only two out of the three years which the contract covers. The total benefit payments for the following two years will vary according to the market price of wheat.

Later information on uses which may be made of the contracted acreage indicates that such land may be put in permanent pasture crops in any section of this state, but that if it is so seeded, it cannot be used the second year as contracted acreage after the pasture is ready for use. This, however, does not involve a reduction in a man's total allowed wheat acreage, but would simply mean that he would have to handle another tract of land according to the restrictions provided in his contract.

CANNING SCHEDULE

September 11th to 16th.

Day	A.M. 8-11	P.M. 1-3:30	Can
M	Fish	Fish	No. 2
T	Tomatoes	Corn	No. 2 1/2
W	Tomatoes	Toma.	No. 2 1/2
T	Meat	Beans	No. 2 1/2
F	No Can.	No Can'g.	No. 2 1/2
S	Tomatoes	No Can'g.	No. 2 1/2

To Our Patrons:

Our store room is crowded to capacity. Please remove your canned goods at once. There is always danger of fire and theft and the canner will not be responsible for any loss.

Your co-operation will be appreciated.

O. L. BARLOW, Mgr.

Notice of Annual Meeting.

The annual meeting of the Hermiston Cannery & Laundry will be held at the library Friday, September 15, at 2:00 P. M., for the purpose of electing three board members and such other business as may come before the meeting.

Attention is called to the fact that any member who has not paid her fifty cent membership fee, or who is not in good standing in the Farm Bureau Auxiliary, is not entitled to vote.

CATHERINE SOMMERER, Sec.

NORTHWEST IS CENTER OF MUCH FARM ACTIVITY.

Oregon and the Pacific northwest where the centers of much activity related to the agricultural adjustment act and having to do particularly with wheat, fruit, and livestock in this territory, according to a summary of events issued by Oregon State college.

Of vital interest the world over was the informal hearing at Portland on the proposed plan of subsidizing export of some 40 million bushels of surplus wheat in the Pacific Northwest. This constitutes a new policy for the United States and is considered to have special significance just now as the wheat exporting nations are seeking to reach some reduction agreement.

The hearing resulted in formation of a detailed plan reported acceptable to all parties concerned, particularly the producers, the exporters and the millers. The plan calls for selling this surplus wheat for what it will bring in foreign markets and then making up the difference between that and the domestic market price out of proceeds of the wheat processing tax.

The effect of this will be to raise the price in the northwest by wiping out much of the present abnormal spread between here and Chicago, officials believe. It will also clear out the present congested terminals and storage space without flooding the eastern markets and thus harming the entire domestic price level.

Immediately following the wheat hearing the formal hearing on the proposed marketing agreement for tree fruits of the four Pacific northwest states was held. Sentiment was overwhelmingly in favor of the agreement submitted by the agricultural adjustment administration, which was a compromise between previous majority and minority reports.

Federal examiners who presided over the hearing expect it to be approved and put into effect by September 15, in time for the winter pear and apple movement. More orderly control of markets, resulting in better returns to producers, is hoped for.

Meanwhile the administration has put its hog slaughtering plan into effect in the middle west and has announced that hog raisers in this state will also be eligible later to dispose of light weight pigs and heavy sows soon to farrow at premium prices. This is purely an emergency plan to avert a disastrous surplus of pork, the officials state.

More permanent plans for handling all livestock were considered at Spokane where amendments to the national code were approved and preparations made to organize the northwest states on a regional basis.

Pollinization Value Shown.

ROSEBURG—The value of pollinization in cherry orchards is apparent on the G. T. Royer place at Dillard, where pollinizers have been placed in a Lamber cherry orchard during the past two years. A 300 per cent increase in yield on the limbs near the pollinizers is estimated by the county agent.

OREGON CITIZENS OPPOSE EFFORT TO REDUCE KOAC TIME.

Some 25 of Oregon's most prominent men and women assembled in Portland August 28 and presented in emphatic terms their reasons why KOAC, the state's only publicly-owned radio station, should not be forced to relinquish a portion of its time and power to a commercial broadcasting company of LaGrande.

The Portland hearing was called to enable Oregon citizens to voice their opinions in the matter without the necessity of attending the official hearing before the federal radio commission in Washington, D.C. September 18, and the testimony taken will be forwarded to Washington and introduced at that hearing. Alva W. Person was appointed by the radio commission to preside over the Portland hearing.

KOAC is a strictly non-commercial station, operated since 1922 in the interests of public education, and since 1928 has been using 1000 watts power with strictly modern equipment on unlimited time. It serves all the higher educational institutions, many of the state departments at Salem, and several of the semi-public agencies of the state, such as the Oregon State Tuberculosis association, the Oregon Congress of Parents and Teachers, state grange and farmers' union.

The sentiment voiced in the testimony at Portland was unanimous as to the importance of maintaining the station as it is, as a public resource that should be conserved. It was felt by all that any loss of power or limitation of time would seriously cripple the ability of the station to serve the people of the state. While there was no disposition to deny the LaGrande station a license, there was strong feeling against granting it at the expense of the state-owned station.

"This station by all means must be preserved to the public," said Ray Gill, master of the state grange, who pointed out that it is the last regional radio station in the United States with unlimited hours of operation, owned and operated by the public, and with no commercial aspects.

NAVY AGAIN RECRUITING MEN INTO SERVICE

The headquarters office for Navy Recruiting for the Washington-Oregon district, located in Portland, Ore., has recently announced that after a long period of restricted recruiting, they are now assigned a quota of about eighty men each month for the next several months.

After the almost complete lack of vacancies during the past several months, this sudden call for a large number of men opens up a field of opportunity to many that have felt that the chances for a naval career were closed to them. The recent decisions of the government to maintain the national defense at its highest peak of efficiency, with a minimum expenditure, for safeguarding the interests of the country has caused this sudden increase in enlistments.

The Portland office accentuates the requirements for enlistment, namely: an applicant must be a United States citizen, be between the ages of seventeen and twenty-four inclusive, must have at least a grade school education, be of up-standing character, must have no dependents, have a clear police and juvenile court record, must be able to pass the required physical and mental examinations and be able to supply references as to character.

A great many young men who have applied and were unable to enlist due to lack of vacancies, may now find this field of opportunity opened up to them. Any young men desiring further information concerning enlistments in the navy should see their postmaster or the recruiting officer in the U. S. Court House, at Portland, Ore.

Control Canadian Thistles.

EUGENE—A. Benter and Son of Creswell have had considerable success in controlling Canada thistles by planting Grimm alfalfa on land heavily infested with these weeds. County Agent O. S. Fletcher, who visited the farm recently, reports that the alfalfa, planted in 1932, had practically smothered out the thistles and that a good stand of alfalfa had been obtained.

POULTRY FACTS

CHICKENS POINT TO VITAMIN DISCOVERY

Beri-Beri Cure Believed to Have Led to Idea.

Some chickens in Java contracted beri-beri in 1887 and their cure possibly led to the idea expressed in the new common word, vitamin, which is heard and read on every hand, says H. H. Williams of the New York State College of Agriculture. Beri-beri, he says, is a disease of the nerves which leads to paralysis and heart failure. A Dutch physician, named Eijkman, was medical officer to prisoners in Java. He discovered that the hens that were fed only the left-over polished rice from the prisoners' table had contracted the disease.

Doctor Eijkman then added the rice polishings, which is similar to the bran of wheat, to the chickens' diet and they recovered. Then the prisoners were fed the unpolished rice instead of the well-milled sort, and from that time the disease beri-beri ceased to worry medical officers in the Orient.

From that time chemists began to experiment and to theorize on the substances known today as vitamins. The word was first coined twenty years ago by a Polish chemist as a symbol for an unknown substance vital to health and life. Later, the chemists turned to the alphabet as a temporary means to designate each vitamin, since they are of unknown composition. Six different vitamins are now definitely known, although a recent book lists a possible seventeen. No one knows what vitamins are except that they occur in small quantities, that they are easily destroyed by heat and oxidation.

Fight on Tuberculosis in Illinois Successful

The state department of agriculture in Illinois, through its extensive program of testing poultry for tuberculosis, has succeeded in suppressing to a large extent the disease in the counties where this work has been done.

But of much greater importance is the fact that the information secured can be used by any flock owner in other North Central states where tuberculosis in poultry is equally prevalent, to rid his flock of this menace without applying the tuberculin test.

Out of a total of 2,302 poultry flocks in LaSalle, Livingston, Bureau and McLean counties, Illinois, tuberculin tested during the period September 1, 1931, to December 1, 1932, 1,323 or 57 per cent disclosed one or more reacting tuberculous birds. This is a lower percentage of flock infection than was found in several other counties in the North Central states.

Out of a total of 96,088 old birds tested (over eighteen months of age), 12,571 or 13.08 per cent reacted. Out of a total of 250,802 young birds tested (under eighteen months of age), 3,980 or 1.59 per cent reacted. This strongly confirms previous data secured which shows that old birds are much more seriously affected with tuberculosis than pullets. The lower percentage of the pullets reacted in the counties where the testing was done at an earlier age.

Use Large Bin to Mix Homemade Laying Mash

Use a large bin in which to dump the ingredients for the home-made laying mash. A small bin means that some of the ingredients will lodge in the corners and not receive a thorough mixing. Shovel over the mixture until all the streaks of material disappear. Hens should not receive too much meat scraps one day and too much bran the next day when they are expected to keep up a continuous production of eggs.

Some feed companies sell a supplement which can be purchased to mix with home-grown ground grain. This mixture may contain meat scraps, fish meal, dried buttermilk, bone meal, etc. It contains everything needed in a poultry laying mash which cannot be supplied from the grains produced at home.—Indiana Farmers' Guide.

Clean Out the Rats

Catching rats now may reduce the loss of chicks next spring. We have had good luck in trapping rats by placing a small square of cloth over a steel trap and leaving the trap close to a rat hole. Even if no bait is used the rats will often run over the trigger. We have also used red squill mixed with hamburger steak and have seen no rats in the vicinity for many weeks afterward, indicating the plan is a good one.—Indiana Farmer's Guide.

Time to Do Culling

With the laying flock in winter quarters it is a good time to go over the birds carefully to detect any that are out of condition and likely to be diseased. These, if found, should be removed immediately to avoid any general outbreak. Strict attention at feeding time, noting birds that are slow to come off the roosts, and careful handling will usually bring out the birds that should be removed, making room for pullets to be added later in the season.

DARING AERIAL SCENES THRILL IN WAR DRAMA

Hollywood—Paramount, in particular—has done itself proud! They've taken a story by the author of "Wings", injected the most thrilling air episodes this inveterate picture-goer has ever witnessed, spiced it with crisp and effective dialogue, provided it with a wind-fall of mirth, added a tender and genuinely touching romance, and given a complete and authentic picture of the lives of those devil-may-care skymen who flirt with death in the clouds and are just as adventurous on the ground.

That's a mighty big order. But that's what has been done in "The Eagle and The Hawk," showing at the Oasis theatre Friday and Saturday. The cast is a director's dream—Fredric March as "The Eagle," loving flying, abhorring killing; Cary Grant as "The Hawk," quick-tempered and quick-triggered observer; blonde and lithesome Carole Lombard as the beautiful English society girl; Jack Oakie, as the aviator who takes nothing seriously except his meals and his medals.

Notice from Assessor.

Notice is hereby given to all persons who were missed by deputy assessors, and blanks left for them to fill out, and who have been notified by mail, must respond immediately or their personal assessments will be carried over from the 1932 rolls to the 1933 rolls now being detained for such lists.

O. F. STEELE, Assessor (September 7)

Hermiston Irrigation District Notice.

Notice is hereby given that the Board of Directors of the Hermiston Irrigation District, acting as a Board of Equalization, will meet at the district office in Hermiston, Oregon, on the 1st Tuesday in October, 1933, at 8:00 P. M., for the purpose of reviewing and correcting the assessments and appropriations of taxes for the year 1933.

E. D. MARTIN, Sec. (Sept. 7-28)

Westland Irrigation District Equalization Notice.

NOTICE IS HEREBY GIVEN that on Tuesday, October 3rd, 1933, at 8:00 o'clock P. M., the directors of Westland Irrigation District, acting as a Board of Equalization will meet at the office of the district in Hermiston, Oregon, to review and correct the annual assessment of said district, to be levied on or before the first Tuesday in September, 1933.

J. W. MESSNER, Secretary. (Sept. 7-28)

Notice.

Notice is hereby given that the Board of Directors of the Stanfield Irrigation District will meet as a Board of Equalization at 1 o'clock P. M. Tuesday, October 3, 1933, in the office of the district in the Bank of Stanfield Building, in the City of Stanfield, Umatilla County, Oregon, for the purpose of reviewing and correcting its apportionment of taxes, said taxes being for tolls and charges fixed by the Board of Directors on September 6, 1932 for the year 1933 being delinquent and unpaid September 5, 1933.

In the meantime the assessment list and record will be in the office of the secretary of the Board, in the office of the district, in Stanfield, Umatilla County, Oregon, for the inspection of all persons interested, and all persons shall be presumed to have notice of the time and place of such meeting whether he receive actual notice or not.

F. A. BAKER, Secretary. Stanfield, Oregon. September 1, 1933. (Sept. 7-28)

NOTICE OF FINAL HEARING.

In the County Court of the State of Oregon for Umatilla County.

In the Matter of the Estate of Henry H. Edwards, deceased.

NOTICE IS HEREBY GIVEN that the undersigned has filed her final report as administratrix herein with the clerk of the above entitled court; that the Judge of said court has designated Monday, the 25th day of September, 1933, at 10:00 o'clock in the forenoon as the time, and the county court room in the county court house in Pendleton, Oregon, as the place, when and where hearing on the same shall be had; all persons interested are hereby notified to appear at said hearing, and show cause, if any they have, why said report should not be approved, the administratrix discharged and her bondsmen exonerated.

Dated this 21st day of August, 1933. Annie C. Edwards, Administratrix. (August 24 to Sept. 21)

WANT ADS

1 Cent a Word

MISCELLANEOUS

FOR SALE OR TRADE AT BARGAIN PRICES. Model T Ford pickup. Stoves, ranges; Remington typewriter; Oak library table; boy's saddle; harness; gas engines; guns. Holstein milk cows; heifers, horses. The Trading Post, Hermiston. 2-1tp

APARTMENTS AND ROOMS FOR rent. Osorn Apartments 49-1tc

LOST—BARBER OUTFIT BETWEEN school and Dick Jones home. Dick Jones, Hermiston. 2-1tp

FURNISHED AND UNFURNISHED houses for rent. H. E. Hanby, Hermiston. 45-1tc

FOR TRADE—50 ACRES WELL improved irrigated ranch, near Redmond. Will trade for a small well improved place, clear. Owner, G. W. Reels. Estacada, Ore. 1-2tp

LOST—CELLULOSE-RIMMED GLASSES. Return to Herald office. N. B. Whitford, Hermiston. 2-1tp

WANTED TO RENT—SMALL ranch on shares. L. M. Binder, Hermiston, Ore. 2-1tp

STRAYED—ONE LAMB, TO MY ranch, Monday. Call and pay for this ad, and lamb's keep. Mrs. Maude Dyer, Hermiston. 2-1tc

FRUNES FOR SALE—JAMES EDLIE, 4th Unit, Hermiston. 2-2tp

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