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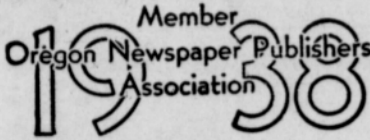
F. B. SWAYZE, President Member Federal Deposit Insurance Corporation

The Hermiston Herald

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Field Station Benefits.

The Umatilla Field station located south of Hermiston has carried on a consistent program for the past 30 years developing pasture grasses adaptable to light soils in irrigated sections, wilt-resistant varieties of alfalfa, curly top resistant bean and squash, and proper food rations for dairy cows producing from feeds grown on irrigation projects.

Hundreds of varieties of plants, shrubs and trees are now growing on the farm to test hardiness. Turkey growers have benefitted from the experiment results determined at the station and at present a five year breeding program is underway. The turkey industry brings thousands of dollars in income to farmers in the state each year, and station experiments definitely assist in promoting the industry.

Not only these benefits but the government has at least \$35,000 invested in buildings, canal systems and land improvement which would quickly deteriorate if let stand for only one year.

The federal government requires that maintenance funds be matched by the state in which an experiment station operates.

IRRIGON

By MRS. W. C. ISOM

Mr. and Mrs. Dave Musgrave of Monument, Ore., visited Mrs. Musgrave's sister, Mrs. W. C. Isom and family, from Thursday until Sunday.

A fellowship meeting will be held Friday at the Pentecostal church for the members of the Stanfield and Hermiston churches with local members as hosts.

Mr. and Mrs. Henry Phelps left Friday for Colorado in response to a message stating that Mr. Phelps' brother had been injured. A later message stated that he had passed away. Laurence Markham drove his car and took them to Colorado. George Kendler left Tuesday for

Good Used Cars Lessen Your Worries

1938-PLYMOUTH DeLux Sedan Equipped with hot water heater, defroster fan, Prestone.

1935-FORD SEDAN.

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1931-CHEVROLET TRUCK. Long wheel base.

'32 B-Model, 4 cylinder coupe in fine condition.

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FURNISHED APARTMENTS FOR rent at Stanfield. Rates reasonable, oil heat, hot water. N. D. Bard, Stanfield. 20-3tc

MODERN HOUSE, FURNISHED OR unfurnished, with garage. Also modern down stairs apartment. H. E. Hanby, Hermiston. 19-1fc

FOR SALE-THE BESSIE SPENCER 20-acre ranch, one-fourth mile east of Columbia school house; good soil, good buildings, electricity, mail route, fine roads. Will sell for what buildings would cost, \$2000 cash. Call W. J. Warner's office. 20-3tp

LOST-1 SORREL COLT, H LEFT jaw, from Borthwick ranch. Joe Hawkins, Adams, Ore. 20-1fc

20 WEANER PIGS FOR SALE-F. C. Frederickson, Irrigon, Ore. 20-2tp

3-ROOM COTTAGE FOR RENT. Inquire Jack's Cafe. 20-3tc

FOR SALE - NEW 400 EGG Queen Incubator and 52 inch coal brooder; set three times. H. C. Kirk, Weston, Ore., Box 84. 20-3tc

FOR SALE - DANDY 10-ACRE home and income from 600 hens; 4 rooms, closet, bath, cellar, electricity; hot and cold water; Close in, \$2600. Lewis Pearson. 18-3tp

FRAMES FOR GLASSES, \$2.50 & \$4.00. A. W. Behrman, Watchmaker, Hermiston. 16-1fc

FOR RENT-FURNISHED APARTment for housekeeping. Electric stove and modern. Phone 78-R. Joe Dyer. 50-1fc

his home at Grand Coulee, Wn. Mr. and Mrs. Earl Leach were dinner guests of Mr. and Mrs. Earl Isom New Year's day.

Mr. and Mrs. Don Isom, Mr. and Mrs. George Kendler, Mr. and Mrs. Geo. Kendler, Sr., of Umatilla, were dinner guests of Mr. and Mrs. W. C. Isom New Year's day.

Marshall Markham returned to his work at Pendleton Tuesday.

OREGON TRAIL SKI CLUB TOURNAMENT

The Oregon Trail Ski club of Pendleton and La Grande today announced preliminary arrangements for the second annual Eastern Oregon Ski conference to be held February 4 to 5 at Pendleton and at Tip-Top mountain near Kamela.

The event, which will include downhill and slalom races and exhibition jumping, is under the supervision of the Pacific Northwestern Ski association. Contestants are expected from all states of the Pacific northwest and possibly California also will be represented.

Judges will be Harold Lee of Portland and Darroch Crookes of Seattle. Lee is one of the outstanding judges in the west and Crookes, now with the Union Pacific railway, is a former Olympic team member.

Both men and women skiers will participate. Saturday will be devoted to registration and informal skiing during the day, and a queen's coronation dance at night. Sunday will begin with a skiers' mass in Pendleton and then competitive and exhibition events at Tip-Top mountain during the day. A conference banquet will be held at night.

The queen contest will begin January 14, and conclude February 4.

Cannery Closed.

The cannery will be closed until January 16th, for repairs. A new concrete floor is being poured for the entire cannery space which makes it impossible for canning to be done during the next week or more, according to Alton Sisson, manager.

JOINT GRANGE MEETING TUESDAY

A joint meeting of Columbia, Stanfield, Westland and Echo Granges will be held Tuesday, January 10, at the Stanfield hall. The purpose of the meeting is to create interest in general grange work and promote a social get-together.

Grange Box Social.

Don't miss the box social and card party at Westland school house January 13, sponsored by Westland grange. Eats, music, cards and entertainment, and the chance to eat supper with a pretty girl, all for the price of a basket, is promised those who attend.

STATE GRANGE ORGANIZER VISITS

Chas. Wicklander, state grange organizer, was present at the regular Columbia Grange meeting Tuesday, January 3, and brought a special message from National Grange convention to the subordinate grange. Eighteen members and one visitor were present.

Mr. Wicklander stated that Louis B. Tabor, national grange master, urged that Oregon, Washington, California and Montana increase their membership 10,000 during 1939. There are approximately 67,000 farms in Oregon, he stated, and yet Oregon has but 23,000 grange members.

Mr. Wicklander pointed out that an observer should notice the actions taken in our convening congress to know the strength of a united grange in behalf of agricultural legislation.

Grange officers will meet for degree work practice at the home of Mr. and Mrs. Emil Zivney, Thursday evening, January 12. An invitation was read and accepted to attend a joint meeting with Stanfield Grange Tuesday evening, January 10.

The lecturer's program had for its theme, "The New Year and its Wealth of Possibilities for Our Subordinate Grange." The theme of the January 17th meeting will be "Neighborliness." Members are working for a 100 per cent attendance at this meeting. The slogan, "We need everyone, and everyone needs the Grange," has been adopted.

WHEAT VARIETIES, SMUT, DISCUSSED IN E.O.W.L. REPORT

Definite steps to acquaint millers with the desirable milling and baking qualities of white federation spring wheat were recommended by the Eastern Oregon Wheat league in adopting the report of the committee on production, handling and marketing at the recent convention in The Dalles.

Although milling and baking tests on a large number of white federation samples show it to have a very high milling yield, difficulty has been encountered in obtaining premium milling prices comparable to those paid for baart. Tests have shown that white federation is second only to baart in baking qualities, the report stated.

White federation has been sown on substantially increased acreages recently and has shown high yielding ability. The committee also reported that Rex wheat, which was bred and introduced through the Moro branch experiment station, continues to give favorable yields over a wide area. The committee said that it should be used on much of the acreage now devoted to federation, albeit, hybrid 128 and fortyfold. Of the spring wheat varieties, white federation, baart and hard federation No. 31 have given the best yields.

The report stated that Oregon has developed and maintained a high degree of standardization of wheat varieties, which proves highly valuable in reducing discounts on mixed wheats. Inspection figures for 1938 show that most of the mixed wheat is of the fortyfold variety, although certain quantities of other varieties also graded as mixed. As a means of further reducing mixtures, it was recommended that but one spring and one winter variety be grown on each farm, wherever practicable.

In discussing smut control, the report showed that the 1937 crop had but 7 per cent smut, and that preliminary figures for 1938 show only 8 per cent. Here again the chief variety in causing discounts was fortyfold. Use of recommended seed treatment practices, introduction of resistant varieties and improved cultural practices have combined to reduce smut dockage from 70 per cent a few years ago to only 8 per cent now. Despite this excellent showing, the report added, further savings are still possible. New improved cereas is still the outstanding seed treatment.

FARM CO-OPERATIVE DIVISION

A MESSAGE TO EVERY MEMBER.

FINAL TURKEY POOL JANUARY 14TH

The Eastern Oregon Turkey Growers' association will hold its final turkey pool Saturday, January 14. The association states that any person having birds to pool and not receiving a card should bring them to the pool Saturday morning. There are a scattering of birds over the project yet to be marketed and it is anticipated this will be the final pool.

\$47,000 PAID SEED GROWERS

LaGrande (Special)—A total of \$47,000 was distributed last week to growers of crested wheat grass in eastern Oregon by officials of the Blue Mountain Seed Growers' association. This is a partial payment for the crop of the past season, all of which has been sold with the exception of three tons which is in storage. About 315,000 pounds were sold.

Growers of the seed to which payment was made are largely from Union and Gilliam counties, but some was also furnished by members of the pool in Baker, Sherman, Wallowa, Umatilla and Malheur counties. The price paid was 19 cents per pound, which is the best price paid any pool in the United States. It is stated that this pool is also the largest in the United States.

The Blue Mountain Seed Growers' association commenced operations in 1935, when around \$10,000 worth of seed of all kinds was produced in this county; in 1937 it had grown to \$53,000, and this year promises to see an income of \$100,000.

In addition to the crested wheat grass, it is estimated that 90,000 pounds of alfalfa will be sold through the association this year.—Oregonian.

Notice of Annual Meeting Cooperative Laundry and Cannery.

The annual meeting of the Hermiston Cooperative Laundry and Cannery will be held Saturday, January 21, 1939, at 2:00 p.m., at the Legion Hall for the purpose of electing three directors and conducting such other business as may legally come before the meeting.

CATHERINE SOMMERER, Secretary.

(Jan. 5-12)

INCREASE IN HOG GROWING SEEN IN OREGON'S FUTURE

A reasonable increase in hog numbers on Oregon farms is justified under present conditions, stated H. A. Lindgren, extension livestock specialist at Oregon State college, in a recent analysis of hog production in the west, given over KOAC.

In the past Oregon farmers have limited their hog production to approximately the numbers needed to consume farm waste, such as skim milk, cull fruits and vegetables on general farms, or in gleaming stubble fields in wheat areas. This policy tended to maintain a favorable price differential between Portland and Chicago markets.

In recent years, however, the situation has changed both as regards this price differential and the availability of low priced feed grain. Seven of the 11 western states produce fewer hogs than they consume, the deficit for the entire area amounting to about three million head a year. It is interesting to note, he points out, that if the average wheat surplus in the Pacific northwest, amounting to about 40 million bushels a year were all fed to hogs, it would increase the production by approximately this figure.

The big deficit in hogs is in California, which would mean that excess production in the northwest would find its major outlet there. The Los Angeles hog prices have in recent years averaged about 34c more than Portland prices, although the freight from Oregon points would be somewhat higher than to Portland.

Contrary to previous belief, it is now known that wheat is just as desirable for fattening livestock as corn or barley, when properly used, says Lindgren. OSC experiments have shown that it requires in the neighborhood of 420 pounds of grain to produce 100 pounds of pork, where grain alone is used. Skim milk or good alfalfa pasture during the fattening period make possible a considerable reduction in the feed grain used.

Wheat at the present time is considerably lower than the average price of corn on which middle western farmers have been able to show a profit in hog production. The rapid increase in alfalfa acreage in the Willamette valley affords additional inducement for growers in that area to give hog production more consideration, Lindgren concludes.

Westland Grange Meeting.

Members of the Westland Grange are asked to come to grange Thursday, January 12, and see, "What We Missed in 1938." Important business will be transacted.

MRS. J. O. CORLISS, Lecturer.

Rat Poison Formula.

A formula for rat poison has been given through the office of Jay T. Pierson, assistant county agent, which is considered economical and effective. It is timely in view of the campaign now being staged against rats in this area. The formula consists of: 1 lb. bread crumbs 1 lb. rolled breakfast oats 1 lb. cheese 1 lb. salted peanuts 7 ounces powdered Red Squill Run these ingredients through chopper twice.

ALL LIGHT SOIL REGIONS BENEFIT

(Continued from Page One)

these experiments are carried on with the hope of finding a wilt-resistant variety of alfalfa, keeping in mind the best varieties for production and winter-resistance.

Eighteen varieties of strawberries and other small fruits are being tested. There are, at the present time, 11 acres of tree fruits of various varieties from two to four years of age under observation. Selections from all parts of the United States have been secured. A number of varieties of black walnut, filbert, and chinese chestnut, are also being tested.

During the last eight or ten years there has been a need in this community for mixed grasses and legume pastures. At the present time there are 24 trial combinations of mixed grasses and legumes at the station. Investigations are also under way toward the use of alfalfa and sweet clover for pasture. Crops, such as squash, artichokes and carrots are being tested for use as succulent winter feeds in this state. From the experiments thus far conducted it appears that these crops have a greater feeding value than corn ensilage.

Grain-sorghum tests have been conducted for a number of years at the station. Thirty different varieties are on trial and the yields this year exceeded corn and the grain is proving valuable for feeding turkeys while on the range.

An annual cash crop has been in demand in this area for a number of years. The experiment station is working on several grass-legume seed crops for seed production. The ones of most interest to the area at the present time are alfalfa, strawberry and ladino clovers, and a number of pasture grasses.

Dairy feeding experiments have been conducted at the station for seven years, using alfalfa pasture and grain versus alfalfa alone. These tests are proving valuable to dairymen throughout the entire state.

Experiments in the feeding and growing of turkeys have been conducted at the station for a number of years. This is the only turkey production work now being carried on in the state, and is proving valuable to the entire turkey industry, which amounts to approximately \$2,000,000 annually in Oregon. A new experiment was started this last year on breeding turkeys for early production.

Several experiments are being carried on, dealing with drug plants, such as: ephreda, a source of drug ephredium; artemesia, which is distilled into a drug to prevent hog cholera; and pyrethum, which is an insecticide replacing arsenic of lead and which is free of poisonous content. This may prove to be a good source of income to this area, as the United States at the present time imports 11,000,000 pounds annually from Japan.

Perhaps one of the most outstanding experiments being carried on at the station is the curly top, a blight, investigation. During the last eleven years nearly 7,000 varieties of beans and squash have been tested in an effort to find one which is resistant to curly top. A number of field varieties of beans have been found to be resistant to blight, and it will take a number of years of cross-breeding of commercial and field varieties to establish a resistant edible variety.

A squash, totally resistant to curly top, has been found. Two or three thousand varieties of tomatoes have been used in an effort to find one resistant to curly top, but to date only a few partially resistant varieties have been found, which means that further work must be done in order to find a resistant variety.

Besides the various commercial crops mentioned, there are 200 shrubs and ornamental trees under observation, which will aid in beautifying farm surroundings in this and other communities. The station is also making a study of the use of water and its application in the production of all farm crops. They are also experimenting with various types of equipment on the different soil types in an effort to get the most economical production from the land.

Co-op. Business Institute February 2 and 3

Land Sale Notice.

NOTICE IS HEREBY GIVEN, That the undersigned, Sheriff of Umatilla County, Oregon, by virtue of an order duly made and entered herein by the County Court of Umatilla County, Oregon, on the 19th day of December, 1938, will, on the 28th day of January, 1939, at the hour of 10 o'clock in the forenoon, sell to the highest bidder for cash in hand, at the front door of the Umatilla County Court House, Pendleton, Oregon, subject to a minimum price of \$36.60 therefor, to be paid in cash, at the time of sale, the following described parcel of land, heretofore by Umatilla County, Oregon, acquired for delinquent taxes, to-wit:

SE 1/4 NE 1/4 and NE 1/4 SE 1/4 North and East of Highway, Section 24, Township 4, North Range 28, E. W. M.

R. E. GOAD, Sheriff of Umatilla County. (Dec. 22-Jan. 26)

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Office: 2 blocks east of post office Office Hours: 8 to 12 - 1:30 to 6 Phone 481 - Hermiston, Ore.

Hermiston Post No. 37

Meets first and third Saturday. Legion Auxiliary meets second and fourth Thursday. Legion Hall.

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