

EFFICIENT MARKETING

OREGON COUNTRY LIFE

EDITED BY J. F. LANGNER

BETTER FARMING

OREGON DAIRYMEN AND POULTRYMEN ARE INCORPORATED

Articles of incorporation for the Oregon Dairymen's Cooperative Association and the Pacific Poultry Producers, Inc., were filed with the state commissioner of corporations this week.

The Oregon Growers' association now has a membership approaching 1500. More than 25,000 acres of fruit lands have been signed up with the new association since its organization a year ago.

For the first time, said Professor C. I. Lewis recently, "apples from Portland to Ashland will be packed on a standard grade, handled through one organization and sold under one brand, and the same is true of many other varieties of fruit."

The Oregon Dairymen's Cooperative Association will probably commence business with not less than 2000 members, representing the output of thousands of cows.

Professor E. L. Wenker of the animal husbandry department of the Oregon Agricultural College, left last Thursday for New York to come out with the shipment.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

USING A DISC PLOW AND TRACTOR



A Russell tractor demonstrating its pulling power with one of the latest disc plows on Eastern Oregon wheat lands.

CLACKAMAS COUNTY BUYS 36 GUERNSEYS

Oregon City, June 5.—What is said to be the greatest forward step ever taken in livestock circles in Clackamas county is noted in a purchase of 36 head of purebred imported cattle from the Isle of Guernsey.

The shipment comprises 70 head for the state of Oregon, purchased in a special lot through the state and national Guernsey associations.

On April 10, 1930, 25,793 herds scattered throughout the United States, with a total of \$37,240 cattle, were under the cooperative supervision of the department of agriculture and state veterinarians.

In the range sections of the United States' stocker calves and yearlings should be fed from 1 to 2 pounds of some concentrate, as cottonseed or oil cake, in addition to pasture, except in severe weather, when they should also have roughage.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

The Pacific Poultry Producers is another reorganization. The Oregon Poultry Producers' association was organized about a year ago under the management of U. L. Tyson.

DRAINAGE MEN TO MEET IN PORTLAND

Oregon Agricultural College, Corvallis, June 5.—The second annual field meet of the Oregon State Drainage association will be held in Portland June 11. United States drainage experts, the state engineer and local engineers, will appear on the program.

Those attending will be given a trip over the dyked lands of the Columbia district near Portland and Troutdale, with S. B. Hall, county agent of Multnomah, in charge.

"These lands are a fine illustration of the feasibility of reclaiming large areas by dyking and pumping," says T. A. H. Tester, secretary. "Interest in this type of reclamation is growing rapidly. The college is called upon to organize a district a week."

The Long Island pen of Barred Rocks, entered by Jules P. Francals from West Hampton, East, will have been winning out each week with great regularity, with a head of the list with 45 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

Remedy Discovered To Kill Pests That Infest the Gardens

To labor hard, preparing gardens for home use, or field crops of cabbage, turnip and other root crops, only to have them killed by pests is not likely to prove encouraging to the amateur or professional gardener.

Of late years root maggots have become so troublesome that almost every entomologist in the country has been searching for something with which to deal a death blow to the maggot pest.

Every now and again someone would come forth with a "sure remedy" only to disappear in the background after a few trials.

The Lilly company grows every year, for seed purposes, between 500 and 1000 acres of cabbage, turnips, beets, etc., and the damage done by root maggots makes serious inroads upon the crops.

Maggot bait is the result of this investigation. It acts externally, for insects living beneath the soil on roots of plants, including both sucking and biting insects, prominent among which are the grubs and maggots in roots of cabbage, onions, radishes, etc.; cutworms, wireworms, apple and peach root-aphids, the grape phylloxera and many others.

Rhode Island Reds were the leading breed for production in the first six months of the international egg laying contest at Storrs, Conn., the 140 hens of this breed having averaged 73.4 per cent production.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

The twenty-sixth week of the contest has just closed. Two pens of Barred Rocks, both from Long Island, were first and second for the week, with yields of 64 and 83 eggs.

NATURAL ENEMIES CHECK VETCH APHIS

O. A. C. Experiment Station, June 5.—"The vetch aphid is showing up on the growing crop again this spring in sufficient number to cause considerable alarm," says A. L. Lovett, entomologist of the O. A. C. experiment station.

"Numerous inquiries are coming to me regarding the possible outcome of the present infestation. Following a fairly comprehensive survey of the situation we can say that we do not anticipate any such calamity as befell the vetch fields two years ago.

"Observations indicate that the presence of natural enemies in the field is sufficient to check any considerable increase in the present number of aphids. It is true that the lady bird beetles which aided so materially in the final control of the aphids two years ago are absent from the field at this time, but a syrphus fly, such as checked the vetch aphid outbreak in 1912 so successfully, is now present in the fields in numbers busily depositing eggs.

It is rather difficult to find any considerable group of aphids where a number of these small elongated white eggs are not present on the surface of the leaves in the immediate vicinity. The maggot hatching from these eggs is a long greenish pointed creature and feeds voraciously on aphids. In con-

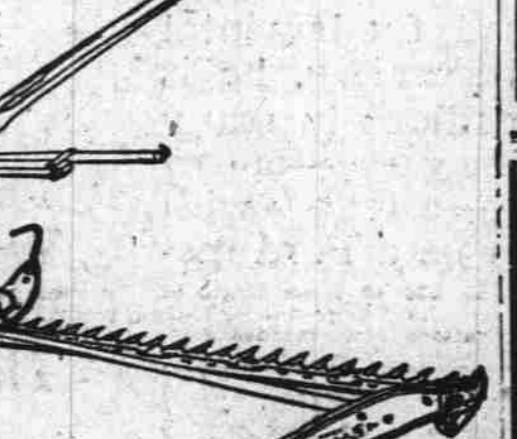
tinues it is reasonable to suppose that these natural enemies will be able to develop and effectively check and control the present aphid outbreak.

DELCO-LIGHT The complete Electric Light and Power Plant Will operate over 200 times and labor-saving electrical appliances.



MODERN APPLIANCE CO. H. A. Conger, Manager, Portland, Or. 9 N. 6th St.

Thomas Crown Mower



On the Thomas Crown, Changeable Speed Mower, all gears are enclosed. Truck is very strong and is fitted with roller bearings. The two-speed is an exclusive feature of the Thomas Mower and is bringing us an ever increasing trade.

Write us for catalog, showing all special motor features and describing Thomas Side Delivery Rakes, Orchard and Alfalfa Rakes. If you want the "Best" in Mowers and Rakes, buy a Thomas. If you have difficulty in cutting alfalfa, use a Thomas Mower.

Oliver Chilled Plow Works 321 East Taylor Street, Portland, Oregon

Midwest Utilitor THE DEPENDABLE TRACTOR With the Demonstration or Literature Combination Tractor and Stationary Engine



DEALER WANTED IN TRADE CENTERS

DEPENDABLE POWER NORTHWEST UTILITOR CO. 6TH AND WASHINGTON DISTRIBUTORS OREGON—IDAHO

PLUMBING SUPPLIES PIPE—FITTINGS—VALVES—BATH TUBS SINKS AND LAVATORIES ELECTRIC GOODS

Matthews' Full Automatic Farm Electric Light Plants. Investigate Before Installing a Lighting Plant.

WE SELL DIRECT STARK-DAVIS CO. 188-190 Fourth Street

PAINTS, OIL, GLASS, SASH & DOORS.

finement they have been observed to devour more than one per minute or over 60 per hour.

"If the present warm weather continues it is reasonable to suppose that these natural enemies will be able to develop and effectively check and control the present aphid outbreak."



The FRUIT GROWER says

"for tree planting genuine GIANT is most satisfactory"

The Giant Farm Powders—Eureka Stumping and Giant Stumping—loosen and pulverize the soil instead of packing it and throwing it high in the air.

Western fruit growers have used hundreds of tons of these Giant Powders for blasting beds for trees. They have proved that blasting with genuine Giant Powders provides free drainage, increases moisture-storage capacity, and insures vigorous growth and early bearing.

"My trees planted three years ago in beds blasted with Giant Powder are 75 to 100 per cent bigger and better than the trees that I planted in dug holes," writes H. H. Smith, Oregon City.

Year will enjoy reading "Better Farming with Giant Farm Powders." It describes all the new and money-saving methods of blasting beds for trees, sub-soiling established groves and orchards, clearing land, ditching, etc. Write for it now.

THE GIANT POWDER CO., CON. "Everything for Blasting" 245 First National Bank Bldg., San Francisco Branch Offices: Butte, Denver, Los Angeles, Portland, Salt Lake City, Seattle, Spokane.



RUSSELL Tractors and Threshers

We are now getting in our supply of TRACTORS AND THRESHERS for spring delivery.

Call at our warehouse and allow us to explain why the Russell "Three-Speed" Transmission Tractor is proving so successful; also our up-to-date Threshers, Hullers and Sawmills

The A. H. Averill MacLinery Co. 324 Belmont St. Portland, Oregon

MAIL THIS COUPON Send me full particulars and terms on "Russell" Tractors. I would also like to receive Free Catalogue describing machinery checked [X]

NAME _____ ADDRESS _____

SHIP YOUR WOOL TO Columbia Basin Wool Warehouse Co. T. J. MAHONEY, President and General Manager Capital and Surplus \$500,000 WAREHOUSES PORTLAND, OR. BOSTON, MASS. Largest Wool Consignment House in the West Loans on Sheep Advances on Wool

Canning Made Easy for the Housewife H. & A. Steam Pressure Canning Outfits

Cut the fuel and time two-third and make it just as easy to can vegetables, meats, fowl and fish as fruits, in tin or glass.

THE H. & A. HAND POWER DOUBLE SEAMER seals all sizes of sanitary fruit, vegetable and fish cans.

CALL OR WRITE FOR CATALOGUE HENNINGER & AYES MFG. CO. 80 and 82 North Fifth St., Portland, Or. Mfgs. of Canners and Can Sealers

WP. FULLER & CO. PORTLAND, ORE. PAINTS, OIL, GLASS, SASH & DOORS.

Mite Destroyed by Sheep Scab Remedy

Sheep scab is a contagious skin disease of sheep, caused by a mite. It spreads rapidly and causes loss by decreasing wool production, reducing weight, and bringing about a general condition of unthriftiness. It also causes the death of some of the affected animals.

The most effective treatment is dipping the diseased and exposed animals in a medicated solution which kills the mites. Two dippings, 10 to 14 days apart, are usually necessary to effect a cure.

Farmers' Bulletin 713 gives full information as to the nature of the disease and the means of eradication.

THE FAMOUS LIBERTY TRACTOR cylinder 18-32

Pulls 4 Plows. Built for Service. Long life. Light weight. High grade. All wearing parts made in U.S.A. Practically no breakage or repairs. Most economical to buy. Send for full particulars.

WRITE FOR PARTICULARS P. E. Ebershade 380-388 East Morrison St. Portland, Or.

OLYMPIC FLOUR advertisement featuring a large barrel of flour and a woman carrying a basket. Text includes "Good baking is a rule that results from the Uniformity of Olympic Flour" and "In 9 1/2 lb., 24 1/2 lb. and 49 lb. sacks at your nearest grocer."