

## Cholera Said On Increase On Hog Farms

Dr. M. J. Belton, Canby, veterinarian with the state department of agriculture, cautions buyers to be certain that all feeder pigs they purchase are healthy because of the prevalence of cholera in some sections of the state. Dr.

Belton reported outbreaks of cholera in McMinnville, St. Helens, Gresham and The Dalles.

During the past few days hog cholera struck in two areas of Lincoln county, causing the loss of 17 head of swine, Dr. G. G. Grove, county veterinarian reported.

Herd of swine near Siletz and Toledo have been affected with the disease apparently carried in city garbage on which the hogs were fed. Remaining animals in the herds have been treated with cholera serum to prevent further losses.

Swine raisers are being cautioned to be on the lookout for pigs which go off feed and develop a fever. If such animals are observed, the herd should be treated at once, Belton states, as cholera acts very rapidly and can wipe out a whole herd within less than one week.



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## New Inoculation Proves Effective

Farmers wishing to obtain inoculation culture for various types of crops, particularly red, alsike and subterranean clover and alfalfa through the Polk county agent's office should notify that office a few days in advance, Walter Leth, agent, reports.

Leth says that a new type culture has been made available for Polk county through the bacteriology department at the state college. This form merely needs to be diluted with water before being applied to the seed. It is not necessary, says Leth, to leave any part of it in the container, as was formerly the case. Growers have expressed considerable satisfaction over this new type, because of its simplicity and effectiveness, Leth says.

# Willamette Valley Farmer

News and Views of Farm and Garden — BY LILLIE L. MADSEN.



Both serious and merely curious buyers will gather Saturday at the Wilfred Weathers farm at Carlton to watch the Jersey sale. The ranch, as much as the 60 head of Jerseys to be sold, will attract a large crowd. It is recalled that Thomas Mitchell, movie star, purchased the farm a few years ago and made a number of notable improvements, including putting in an outstanding Jersey herd bought from Oregon's best and widest known foundation stock. Weathers, a well known Willamette valley rancher, bought the farm, including equipment and cattle, several months ago. But seed and general farming, and not dairying, are his interests. In the picture are shown a group of the calves to be sold, as well as one of the attractive farm fences, a feature of the ranch.

## New Spray to Work Miracles

Here's a dream come true for both the farm and the city lawn owner.

It's a spray that promises to do three jobs at the same time—kill weeds, fertilize the grass and protect the grass from attack by fungus disease. Farmers even plan to use it on small grains.

The new spray, now in process of development at the Beltsville research center of the U.S. department of agriculture, combines a solution of the new highly-selective weed-killer, 2-4D, with the fertilizer urea which contains nitrogen and with the well-known fungicide, ferimate.

The experiment started in an effort to overcome the tendency of 2-4D to slow up for a time the growth of grasses.

To offset that set-back, the department investigators hit upon the idea of adding grass fertilizer

to the weed-killing spray. Then they tried adding the fungicide to see if it would make the mixture bad for the grass.

They report the weed killer is no worse for the grass when used along with the fertilizer and fungicide than when used alone, and is just as bad for the weeds.

Further experiments will be made.

In the meantime, W. G. Nibler, Marion county agent, says use 2-4D which is already available on the market. It kills dandelions, English daisies, plantains, chickweed, and also clovers. The hormone sprays kill weeds slowly and it may take two months for some weeds to die completely.

## BUYS ARABIAN STALLION

Mr. and Mrs. L. J. Corl of Corvallis have bought an Arabian stallion, Aabazem No. 874, A.H.C., from Alvin Yoder of Corcoran, Calif. The horse is blood bay with black points and white markings.

## Head of Cattle Group

Frank A. Richey, Buena, Wash., former Waldo Hills stockman, was reelected president of the Northwest Hereford association at the annual meeting held recently at Spokane. Herbert Chandler, Baker was made vice president. Elected as annual sale's committee were: Merritt Meacham from Culldesac, Ida., L. C. Staley, Pullman and Chandler. Bob Teale was appointed sale manager and Prof. C. W. Hickman, University of Idaho, secretary.

Plans were made for the annual fall sale at LaGrande Nov. 10 and 11. Willamette valley cattlemen are showing considerable interest in the Northwest Hereford association and the LaGrande sale usually draws a number of valley men.

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## Serious Spud Diseases Eyed In Research

A research and control program aimed at eventual eradication of leaf roll disease of potatoes in Oregon has been started at Oregon State college. The project will be partially financed by the Oregon Potato Growers association which has levied a 1-cent tax per bag of certified seed sold by its members to create a fund for this purpose, reports J. R. McCambridge, assistant extension farm crops specialist.

Leaf roll is becoming increasingly serious in potato growing regions. In Klamath county alone it curtailed certified seed production by 11,000 bags last year, and is causing increasing losses in other leading potato areas in Multnomah, Deschutes, Crook and Baker counties.

As an example of what could happen in Oregon, McCambridge cites the Yakima area, once a major producer of certified Netted Gem potatoes, which was forced out of business when the disease became rampant there. In Oregon for 17 years, it has become increasingly serious, with no indication of abating.

Dr. J. A. Milbrath, associate plant pathologist of the experiment station, is conducting research on the disease on a part-time basis, but a full-time specialist will be put on the project soon to work under his supervision. Additional greenhouse space will be required to speed the work for earliest benefit to growers.

Facts already established, as summarized by McCambridge, are that this virus disease is transmitted from plant to plant by insects, chiefly aphids, that it winters over in the potato tuber and not in the soil, that early roguing is essential to keep down the spread in a field, and that using clean seed stock would eliminate the disease.

## Off With Her Head For Non-laying Hen

Off with her head, is the advice of poultry experts of the state, when speaking of hens that are not laying. Present feed prices and limitation on the use of grain make it essential that poultrymen cull flocks rigidly and feed only those birds that are laying sufficient eggs to make them worthwhile. A non-producing bird will eat approximately 75 pounds of feed a year, almost all of which is lost so far as food production is concerned. Early molting birds will begin to show up soon and should be removed at once.

## FARM VET LOANS FEW

Less than 3 per cent of the veterans getting GI loans are using the money for farming purposes, the veterans administration local guarantee division says. Of the 111,407 loans approved, only 3201 were issued for farms.

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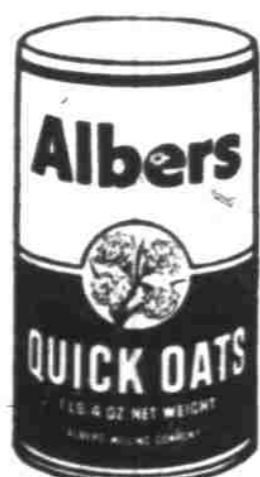
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