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### Diagnostic Lab Releases Report For '54-'55 Year

Internal parasitism of cattle and sheep represented almost one-third of the case records at the state animal diagnostic laboratory at Corvallis for the 1954-'55 fiscal year, according to the report to J. F. Short, director of agriculture, veterinarians and state agencies submitted 79 per cent of the material for animals for examination; the other 21 per cent came from stockmen. The laboratory

made 400 autopsies incident to the laboratory work.

In addition to diagnostic examinations, serologic (serum) tests were made of blood samples submitted from 678 herds; Leptospirosis tests represented the bulk of this work. The laboratory reported 1,245 per cent reactors in 10,758 Leptospirosis tests—a lower percentage than veterinarians expected. Positive reactors were confined to a limited number of herds and, percentage-wise, the distribution was about the same east and west of the Cascades.

For the diagnostic examinations, submissions totaled 824 animals. By species, the number were: cattle, 357; horses, 6; sheep, 260; swine, 81; goats, 10; deer, 17; miscellaneous, 93.

Diseases in which the diagnosis showed 10 or more cases follow: enteritis, 13; enterotoxemia, 22; paratuberculosis, 146; pneumonia, 68; tetanus, 10; white muscle, 29. Thirteen diagnoses involved suspected poisoning of livestock, with two of these cases bracketed fern poison in cattle.

The laboratory has an overall staff of six, with Dr. L. R. Vawter in charge. Considerable unsatisfactory material is still being received, due largely to improper selection and packing and delay in transit, Dr. Vawter reports. The laboratory was established in 1951 after an appropriation to the Department of Agriculture for animal or poultry diagnostic service requested of the state experiment station by the department.

### Douglas Fair To Vie For State Prizes

Douglas County Fair Manager Dick Turley will travel to Portland next week to attend the annual three-day convention of the Oregon Fairs Assn.

Principal speaker at the event will be Louis S. Merrill. He is general manager of the Western Fairs Assn., Sacramento, Calif.

Last year the Douglas fair copied top awards at the event. Turley plans to enter the fair in competition this year.

Speakers from the state of Washington, Oregon farm organization leaders, livestock breeders and exhibitors, 4-H Club and FFA members will participate in the convention program. Aided attractions will be publicity exhibits by the various county fairs along with commercial displays. Among the more prominent topics to be considered during the convention will be the "Do's and Don'ts of Fair Management," legislative and revenue reports, resolutions and committee recommendations.

**CHICKEN FARM MISSING**  
MEDICAL LAKE, Wash. (AP) — Officials at Eastern State Hospital complained to police Thursday that they have been robbed of a chicken farm — piecemeal over the last two or three years.

Missing, they said, is six tons of chicken feed and 700 chickens.



**TOMATO TOPPER** — Lynn Fleener is mighty proud of his tomato plant. The Bristol, Tenn., home gardener has reaped a big harvest from the plant is 16 feet high. It's produced several two-pound tomatoes measuring about 17 inches in circumference.

### Anti Infections Bronchitis War Waged By State

A protective program to combat infectious bronchitis has been set up in Oregon by the State Department of Agriculture. The bronchitis is appearing in some poultry flocks in the state.

The program, which hinges upon control of vaccine by the department, diagnosis at the college and voluntary quarantining on party of poultrymen, has been approved by poultry growers and industry representatives in a series of recent meetings.

Because the disease is highly contagious, the use of vaccine will be controlled by the department of agriculture at Salem similar to the successful measure adopted several years ago for Newcastle vaccine. This means owners must receive permission from the department to vaccinate.

**Vaccine Use Controlled**  
In most cases, the department will not permit use of the vaccine, a live-virus culture, in a flock unless older birds in the flock have been exposed to the disease. This precaution is due to likelihood of the disease spreading to vaccinees through use of the vaccine, thus causing a severe loss in egg production.

Owners who suspect presence of infectious bronchitis should submit three or four adult birds to the state diagnostic laboratory at the state college in Corvallis for tests.

Symptoms of the disease are: light to severe sneezing or coughing, lack of appetite, depression, immediate drop in egg production. In some cases egg production and quality do not return to normal. Cases are usually mild in young birds.

**Sanitation Important**  
Basic sanitary measures are important in the control picture, says Dr. K. J. Peterson, state veterinarian. The department does not recommend use of vaccination except (1) in flocks where the disease is officially diagnosed by laboratory tests, (2) where a flock has been exposed by an outbreak in an adjacent flock or (3) where an immediately adjacent flock has been vaccinated.

In case of an outbreak in a flock, owners are advised to (1) keep all persons away from direct contact with the flock; (2) prevent intermingling of vaccinated and non-vaccinated birds; (3) hold all vaccinated birds on the premises. All these steps should be followed for at least four weeks.

**PWG UPS VOLUME**  
The Pacific Wool Growers has increased its volume of wool handled 47 per cent in 1955 over the volume received in 1954. Manager R. A. Ward reported to the board of directors meeting to the board of directors meeting in Portland recently. The Pacific markets the wool of approximately 2500 sheep members principally from Oregon, Washington, Idaho, including both farm flock clips and range lots.

### Potato Grades Are Revised; Effective Nov. 1

A new set of potato grades and standards for Oregon will become effective Tuesday afternoon, Frank McKennon, plant chief of the state department of agriculture. This order results from the 1955 revisions of the state potato law.

The principal changes from grades now in effect are:

(1) Addition of recent federal revisions to the U.S. grades. (Five of the nine grades adopted in Oregon follow the federal grade names and standards.)

(2) Provision for use of U.S. Commercial grade, not recognized under the prior state grades. This grade is included at the request of a majority of those attending the hearings which preceded the grade order.

(3) Addition of Oregon per cent grade to substitute for Oregon combination grade. This grade must meet all quality standards of U.S. No. 1 potatoes, except an increased tolerance is permitted for internal discoloration; also up to 10 per cent of each individual potato in an Oregon per cent grade lot may be affected by internal discoloration. Under the old combination grade, 20 per cent of the individual potato could have internal discoloration.

(4) Minor changes were made in the Oregon Standard and Oregon Utility grades to bring them in line with Idaho standards for similar grades.

The name of the state where grown is now dropped from the marking requirements. Otherwise markings on potato containers must include the grade name and address or brand of the grower or packer; and the net weight.

Any size or kind of container may be used, as container standards were removed earlier this year. The grade size specifications are unchanged.

### Farming Future Looks Good To Future Farmer

WASHINGTON (AP) — The president of the Future Farmers of America thinks the country's agriculture future looks pretty good.

"I think it continues to look up through the next half decade, or decade," said Dan Dunham of Lakeview, Ore., newly elected president of the FFA.

He added, however, that problems such as price supports and crop stabilization "must be met soon 'before we have to take some very drastic moves'."

The 19-year-old farmer expressed his views in an interview here shortly after trying out for state "chair of Secretary of Agriculture" whose Department of Health, Education and Welfare sponsors the Future Farmers' program.

Dunham disclosed his life's goal included participation in "agricultural politics" possibly Congress, along with operation of a small efficient farm.

Before that, however, he plans to complete his studies in agricultural education at Oregon State College and do a little teaching.

### Better Strawberry Production Ways Told

Keys to more profitable strawberry production in Oregon are outlined in a new Oregon State College bulletin designed to help commercial growers meet rising costs and increasing competition from other areas.

Copies of extension bulletin 748, "Strawberry Growing in Oregon," are available from county extension offices and the OSC bulletin clerk. Suitable soils, location of plantings and selection of strawberry varieties are among topics discussed.

Plans of properly established plantings of the post-harvest removal of plant tops, irrigation and weed control also is reviewed. Other sections in the 20-page illustrated booklet cover strawberry plant production and strawberries for the home garden.

The bulletin was written by George Waldo, U.S. Department of Agriculture horticulturist stationed at the college, and Ralph Clark, OSC extension service horticulturist.

Over the last ten years milk production per cow had increased from 5398 pounds per year to 5880 pounds per year.

Over 28 million quarts of ice cream are sold annually in Oregon.

### FARM-FOREST-FACTS

By Ed Gilden  
County Extension Agent

We're ready. Yes, we're ready to hold our first Christmas tree tour in Douglas County.

And it won't be long now—in fact, it's this Saturday, Nov. 5. You are invited to attend.

We will visit two growers who have successfully started a Christmas tree planting. Both of these growers have obtained better than 90 per cent survival of their planted trees.

**Christmas Tree Plantings**  
Mrs. Monna D. Schmidt's planting of 2,000 Noble fir and Grand fir will be the first stop. She lives just east of the Sutherland Junction on the road into the city.

Vern McDaniell, Superintendent of the Oregon Forest Nursery at Corvallis, will be present to tell about the true seedlings that are for sale this year. Vern has had over 30 years experience in growing and planting tree seedlings—so he will be able to add much to our tour.

**VA Next Stop**  
We'll be at Schmidt's for about an hour and a half. That will make it about 11:30 or 12:00—so we'll disperse for chow and gather again at the Veterans Administration in Roseburg at 1:00 p.m.

The VA has some of the oldest plantings in the county—and by coincidence the best looking Christmas trees in the area. The species of trees also happens to be the ones we are recommending for planting in Douglas County.

Next on the agenda—yipe, what a word—will be a visit to Maynard McCormack's planting on the T. E. Duncan farm at Dixonville. Mc's planting was started in 1934. With good weed control and cultivation, he has obtained very good survival.

**Saturday is the day**  
10 a.m. — Meet at Schmidt's Christmas tree farm, Sutherland. We'll have signs showing the way from the Sutherland Junction.

1 p.m. — Gather at the Vet's, Roseburg, on Harvard Avenue on the new road leading into the cemetery. You'll recognize the area by all the beautiful Christmas trees. To further confuse you—it's just west of the Naval reserve building.

2:30 p.m. — Better be at the Vet's and we'll show you the way out to Duncan's farm at Dixonville. If not—it's 3 1/2 miles south of Dixonville on the Roberts Creek road.

If you're interested or curious about all this Christmas tree talk that's been going on—here's your

opportunity to learn more.

We don't know all the answers—but it's a field that's wide open. California markets are lucrative (wow!) and besides there's money down there for quality trees.

You don't need a large area for Christmas trees. If you have a half acre of unused non-productive land, you can go into the business.

You can learn lots from other growers. Don't miss this opportunity to see the success that Mrs. Schmidt and Maynard McCormack have had.

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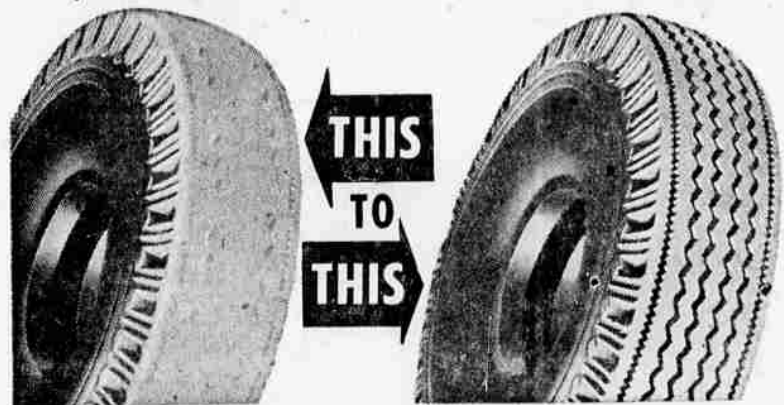
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