

Cut or Spray Is Now State Control Order

Law Says Cherries in Backyard and Lawn Also Come Under Ruling

By Lillie L. Madsen

Becoming effective on Friday, February 1, is Oregon's new cherry fruit fly control order. It covers three control areas, Hood River and Wasco counties, each forming a control area, and Linn, Marion, Polk and Yamhill counties forming the third.

The fact that not a single person has been arrested for establishing the control areas was made in making officials ponder whether the order actually is understood. Simply it means if you've got a cherry tree you've got to spray. It doesn't mean you have to spray only if you are going to sell cherries. But if you have a tree growing on your place you either have to play George Washington and cut it down or you must spray it or take the consequences. And the consequences are rather heavy.

If the Willamette valley's cherry industry is to be saved the order must be enforced. State officials claim they intend to save the cherry industry. It means, to repeat, that the family cherry tree must be sprayed.

Every Tree Included

It is explained that if your neighbor is growing cherries commercially and carefully sprays his orchard it accomplishes little if you have a half dozen pie and Bing cherries growing about your home on which you intend to let the fruit hang — so you don't spray. Those few trees can be the breeding spot for enough cherry flies to flood the country again.

The order says that "all interplanted trees shall also be sprayed. If cherry trees are near fence rows the fence rows shall also be sprayed. All spraying or dusting shall be under the supervision of the horticultural inspector in charge."

The control order lists several optional formulas which growers may use in compliance. The county agents usually arrange for trapping, and when they report the fly has emerged it is time to spray.

In speaking of the issue, Robert L. Shinn, manager of the Willamette Valley Cherry Growers association, said that the cherry fruit fly, the insect which produces the cherry worm, has become such a menace to the industry in the mid-Willamette valley that it threatens its entire usefulness as a commercial factor and that unless rigid control is enforced it will be disastrous to cherry production.

Shinn said further that several years ago the infestation became so bad on the ripper cherries used for canneries that federal inspectors cracked down, canners became afraid to use the cherries from this area and went to other areas. The brining industry, he added, uses the cherries in a greener stand than is used for canning, and this became an outlet for large quantities, as the fly seemed to leave the greener cherries alone. But infestation increased and the fly is now attacking the greener cherries.

Good Control Obtained

There is always a certain percent of growers who will not do anything about control voluntarily, and only enforced control can save the industry, Shinn insisted.

Frank McKennon, chief of the plant division in the state department of agriculture, says that it would be "wishful thinking to say we can eventually eradicate every vestige of the fruit fly in this area, but we can provide an adequate control." He added that there will have to be enough inspectors on the job to see that the order is complied with and, if necessary, a court order can be obtained declaring an orchard or an area as a nuisance which can be abated, in which spraying or dusting can be enforced and the cost become a lien on the property. As a last resort it will even be possible to destroy the trees.

Formulas Listed

Four formulas have been listed as passing inspection if used properly. These are:

No. 1: Lead arsenate 2½ pounds, water to make 100 gallons of spray. Add to this mixture one of the commercial spreaders. This is not a bait spray and shall be applied as a complete spray. Two or more applications shall be applied, the first at the beginning of fly emergence and the second at the peak of fly emergence, which is about 14 days after the first spray. If the spray is wash-

Willamette Valley Farmer

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

Farmers Union Makes Annual Meeting Plans

The annual state convention of the Oregon Farmers Union will be held at Hillsboro, February 19 to 21, with the annual business meeting of the Oregon Farmers Cooperative association, which operates Farmers Union stores, on February 18. Stores are operated by the cooperative at Salem, Corvallis, Newberg and Woodburn.

Tuesday's sessions of the Farmers Union will be devoted largely to consideration of reports, greetings, and an address by Agnes Booth, Marion county school superintendent. The annual junior banquet will be held Tuesday night with Lt. Carl Greider the principal speaker.

Wednesday night, Herbert Peet, Seattle, will address the union with the annual banquet. Election of officers and committee reports will complete the program Thursday.

Arrangements for the state meeting are in charge of President Ronald E. Jones and he is assisted by Mrs. Alma Knower, educational director.

Hillsboro Arranges

Henry Johnson, president of the Washington County Farmers Union, is in charge of Hillsboro convention arrangements. He has announced the appointment of committee chairmen to include businessmen's committee, Bill Christensen; banquet, Mrs. John Plasse; finance, Georgia E. Shearer; recreation, Mrs. John Kemm; housing, Frank Schulerick; entertainment, Mrs. Bernard Gent.

Arrangements for the cooperative association meeting on Monday are being made by Chester Wohler, board chairman, and D. M. Eby, cooperative manager. There will be a free lunch that day, at which the cooperative will be host, and the annual dinner will be held Monday night.

Wide Interest Being Shown in Gilt Sale

Entries listed for the registered gilt sale to be held on the state fairgrounds on Feb. 9, 1 p.m. are by A. A. Nafziger, Charles Evans, L. S. Berry, and Elton Watts, Salem; H. A. Barnes, Silverton; M. E. Knickerbocker, Prairie City; F. L. Zielinski, St. Paul; H. C. Andrews, Sandy; C. E. Spencer, Gresham; Edwin C. Ridder, Sherwood; A. W. Oliver, Oregon State college; C. E. Stretcher, Beaverton; Chester whites and Duross top the list with seven each. Four Hampshire are being offered, 3 Polands and 1 Berkshire.

Joe Church, now of New Plymouth, Idaho, but formerly herdsman on Hays Labish farms, is the auctioneer and O. E. Mikesell, Linn county agent, is the clerk.

ed off by heavy rains, additional applications may be required.

Formula 2: The following dust mixture may be used instead of the spray: Lead arsenate 10 parts, finely divided dusting sulfur 90 parts. The dust must be applied thoroughly and must be repeated after heavy rains. Two or more applications, as recommended by formula No. 1, shall be applied.

Formula No. 3: For growers wishing to use a non-poisonous spray the following may be used: 4 per cent rotenone, 3 pounds, plus 2½ gallons of molasses to 100 gallons of spray or ¾ per cent rotenone dust may be used. This spray or dust must be repeated at weekly intervals until the cherries are harvested.

Formula No. 4: Lead arsenate 5 pounds, molasses 5 gallons, and water to make 100 gallons. This spray shall be applied at weekly intervals beginning when the first flies emerge from the soil and continuing until the cherries are harvested. It shall be a thorough bait spray and shall be applied as fairly fine droplets on the upper surface of the foliage and shall reach every part of the tree.

KIDNEYS MUST REMOVE EXCESS ACIDS

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If you have an excess of acids in your blood, your 15 miles of kidney tubes may be overworked. These tiny filters and tubes are working day and night to help Nature rid your system of excess acids and poisonous waste. When disorder of kidney function permits "poisonous matter to remain in your blood, it may cause nagging backache, rheumatic pains, or pains, loss of pep and energy, getting up at night, swelling, puffiness under the eyes, headaches and dizziness. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder. Kidneys may need help the same as how, to ask your druggist for Doan's Pills, a stimulant diuretic, used successfully by millions for over 40 years. Doan's give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from your blood. Get Doan's Pills.

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Re-elected to serve as officers for the Oregon Jersey Cattle club are shown from left to right, M. G. Gunderson, Silverton, vice president; M. N. Tibbles, Independence, president; and Jens Svith, Grants Pass, secretary-treasurer. Election was held Saturday at the annual meeting of the state club.

Ranch Ramblings

By Rural Reporter

Bob Clark, who lives near Newberg but receives his mail through Aurora, is building a new barn on his 85-acre dairy farm. It's an innovation in barns but as it's the fourth barn Clark has built, he knows what he wants.

There's no regular hayloft in this barn. A silo, 24 feet in diameter and 30 feet high, will hold 60 ton of chopped hay. The hay

is cured in the field and stored chopped in the silo. It does not have to be quite so dry this way, Clark explains.

Clark lived in the Salem area before going to eastern Oregon seven years ago where they farmed at Adrian near Nyssa for six years. Dairying was their business there, too, and it was while in eastern Oregon that the Clarks first tried out the chopped silo hay.

They now have 20 registered Jersey milk cows mostly of the June Volunteer stock, with 10 young heifers. Most of their place is in pasture and hay fields as they buy their grain and concentrates. They plan to irrigate this summer.

Henry Zorn, one of Marion county's longer-time Jersey men, says if he only had one cow he feels sure he would use a milking machine. It's so much more sanitary and more pleasant, he adds. At present Zorn is milking ten cows but will be milking 40 by April. He has 50 young head coming on. While he has help on his farm, the dairy business is all in his own hands, he says.

The J. M. Dickson & Son name is going to be perpetuated, says James S. "Jim" Dickson. His son, born Dec. 11, 1945, at Shedd, has been named James Monroe Dickson, the same as the infant's great grandfather, who founded the famous Ashburn Jersey herd at Shedd.

Chris Dopple of Molalla is an avid advocate of rape pasture and notes that the lambs prefer the taller, more mature rape plants to the young tender ones. This trait should be quite an aid in preventing intestinal parasites which are picked up by lambs near the surface of the ground.

Lucht brothers, 4-H clubbers and Future Farmers, report that they sold enough Eureka dent seed corn to plant 165 acres near Independence last year and growers there report an average yield of 50 bushels per acre sold to turkey growers at \$62 a ton. This Eureka dent seed is descended from the original bushel purchased from the South Dakota experiment station in 1937. The Luchts live over the Marion county line in Clackamas county.

Alfalfa seed is extremely scarce, county agents report, and prospective growers should place orders for seed now. Certified grm from Oregon, Idaho and Montana, is recommended for this area.

Wayne F. Waggoner has nine acres of non-irrigated Ladino clover growing near Hazella, from which he hopes to harvest a seed crop. The planting was made on May 15, 1945, and was knee-high last fall. He recently ordered an additional supply of certified seed from Josephine Seed Growers at Grants Pass for another seeding this spring.

When Pigs Are Pigs, They're Healthy Pigs

When young pigs are kept on wooden or concrete floors, or penned on frozen ground, it's a good idea to put a shovelful of good clean sod or soil into the pigs' pen each day.

Pigs from two to three weeks old that do not have dirt to root in often die because of lack of iron and copper in their system. Symptoms of this nutritional anemia are rapid breathing, pot bellies, weakness and listlessness. The trouble is most common during the months of January, February and March when pigs are indoors. The small amount of earth which is thrown to them each day should be taken from a clean site, free of contamination. The young brood will learn shortly to nibble the soil and extract minerals.

Although supplying them with dirt is the easiest way of preventing pig anemia, another way is to paint the sow's udders daily with a solution made by dissolving one pound of ferrous sulphate in a quart of hot water. Two or three drops of the solution placed on the back of the pig's tongue may be necessary in giving individual treatment to animals having a severe case of the disorder. When the animals are old enough to begin eating grain all treatments may be discontinued.

START POTATOES RIGHT

Early potatoes respond to the use of commercial fertilizers placed at each side of the seed piece. The higher the grade the better the results from commercial so used. Ammonium phosphates mixed with one-third potash are tops for fertilizing potatoes. Whole seed is less likely to rot than cut seed and the larger the seed piece the better. Uncertified drop seed may be badly diseased.

Seed Testing To Be Speeded Up by State

Seed growers who waited so long last autumn for returns of their seed to be tested will be pleased to learn of a new movement underway. Many growers complained that they did not get the returns on their seed in time to sell it for autumn seeding.

A drive to get more space and more workers for the federal-state seed testing laboratory at Oregon State college, and a research fund to be used in solving problems arising from the testing work, has been started by the Oregon Seed Growers league. A special committee headed by E. A. Geary, Klamath Falls, prepared a report which has been adopted by the league.

The crisis arose this past season in the seed testing service when number of samples exceeded all previous records with no increase in space, and with further complications with a strange germination difficulty.

Big Increase in Service

Dr. D. D. Hill, head of the farm crops department which supervises the laboratory, showed that demands on the service have increased from 1300 samples submitted for test in 1931 to 12,837 in 1945, and with 12,300 samples for the first six months of the 1945-46 season. He said three times the present space is needed, plus better pay to get and hold trained technicians.

The special committee of the league was instructed to work with college and state officials to arrange for temporary facilities before the next rush season starts, and then to help develop a plan to insure adequate permanent facilities in the new building expansion program under consideration for the college.

Considerable emergency research work has been done by the laboratory from funds from seed testing, but only when this was essential to the service, Dr. Hill reported. A 20-million dollar industry needs more and definitely planned research in the seed testing and germination problems constantly arising, he added.

Committee Will Pay

The committee of growers and dealers said the industry is will



Over 150 Oregon Jersey breeders and friends signed the scroll which is shown here being presented to M. N. Tibbles, Independence (right) by Walter Leth, Dallas. The scroll is in appreciation of the work Tibbles has done for the Jersey breeders. Walter Leth, who is former national Jersey club director, made the presentation at the 1946 Oregon Jersey Cattle club banquet held at Marion hotel Saturday.

Valley Farmer Grosses More, Nets Less, '45

Slightly more gross but slightly less net farm income apparently resulted from Oregon's farm business in 1945. This is evident from the preliminary analysis of available data prepared by L. R. Breithaupt, OSC extension economist.

Cash receipts from farm marketing from January through October ran ahead of last year. Farm wage rates were considerably higher, however, and other costs averaged somewhat above 1944.

The general outlook is for some further reduction, says Breithaupt, in 1946, yet leaving it above 1939. The returns, of course, always vary greatly in amount according to size, type, management and location of farms.

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Linn-Benton Dairy Group Starts Friday

The Linn-Benton Dairy Breeders association will start operating February 1 with Ralph E. Moreau, Corvallis, as the inseminator. Ernest Cersovski, Hanford, is president of the group.

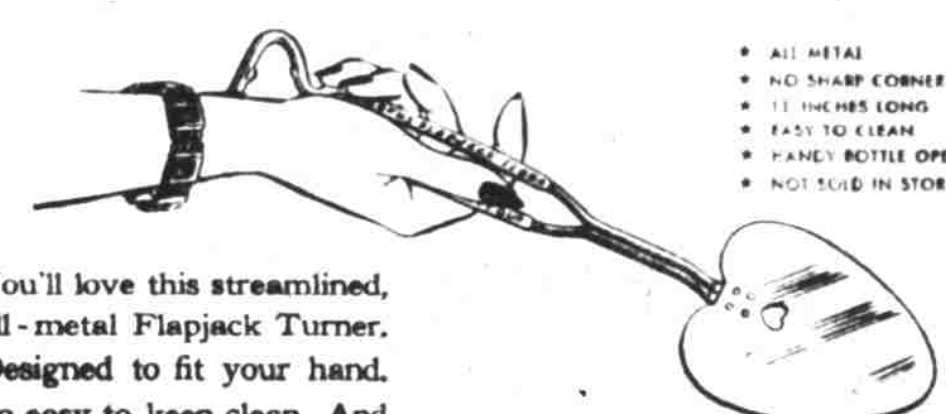
Two breeds, Jersey and Guernsey, are being offered at present. There is a possibility that Holsteins may be added as other county associations are organized, Cersovski reports.

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