

OREGON AGRICULTURAL COLLEGE

Experiment Station

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Director

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APPLY FIRST CODLING MOTH COVER SPRAY NOW

by

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The first codling moth cover spray in the Willamette Valley should be applied within the next ten days.

The adult codling moths have been observed flying about the observation orchards for the past two weeks. Temperature records and rearing cage observations indicate that they have begun to lay their eggs. These eggs will hatch in 8 to 16 days depending upon the weather. Orchardists should plan to have their apples and pears covered before the worms reach the fruit.

Powdered lead arsenate is the standard control material. The standard dilution is 2 pounds to 100 gallons of spray solution. In those regions where wormy apples are particularly difficult to prevent, the lead arsenate should be increased to 3 or 4 pounds to 100 gallons of spray solution.

Too much dependence should not be placed upon the spray gun alone to cover the trees. Those orchardists who obtain the best control cover thoroughly those apples and pears at the top of the tree and on the inside of the tree as well as on the outside of the tree. Some growers are returning to a modified spray rod with an angle nozzle, believing that they can do more thorough work with such an outfit.

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