

CUTWORM CONTROL ON CONCORD GRAPES

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Plots of grapes, 6 rows wide x 200 ft. long, were sprayed with insecticides using an air blast sprayer and large canvas shields to prevent cross-row contamination. Later 2 rows received a second application. The insecticides used were methomyl, 1.0 lbs. a.i./acre; Chlorpyrifos, 1.0 lbs. a.i./acre; and Ambush 0.1 and 0.2 lbs. ai.i/acre. Data included number of injured buds, number of uninjured cluster buds, and yield of fruit per plot. All treatments showed an increased yield over the untreated check. These were: Chlorpyrifos .44 tons/acre, methomyl .97 (1 applic.) and 1.2 (2 applic.) tons/acre, Ambush 0.1, .89 tons/acre and Ambush 0.2, .94 (1 applic.) and 1.4 (2 applic.) tons/acre.