

### III. Stone Fruits

e. Pesticide resistance

1. Western tentiform leafminer; Phyllonorycter elmaella:  
Sweet cherry and apple.

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# MONITORING PESTICIDE RESISTANCE IN WESTERN TENITFORM LEAFMINER.

The pheromone trap assay as described by Riedl (1985) for the codling moth was used with some modifications to determine susceptibility of field collected tentiform leafminer to technical azinphosmethyl, endosulfan and oxamyl. Dose-response lines from various leafminer populations in sweet cherry and apple orchards are presented. Certain factors affecting this procedure are discussed.

The insecticide-laced sticky-pheromone trap assay as described by Haynes et al. (1987) was compared to the topical procedure.