

Highly Effective Botanical Insecticide to Control Thrips

Veratran D[®] Insecticide, is a botanically-derived, organic insecticide that provides quick knock down, paralysis and feeding cessation of thrips on avocado, citrus and mango. *Veratran D*:

- ▶ Effectively controls thrips by disrupting the insect's nerve function
- ▶ Specifically formulated for thrips control on avocado, citrus and mangos
- ▶ OMRI listed and NOP compliant for organic production

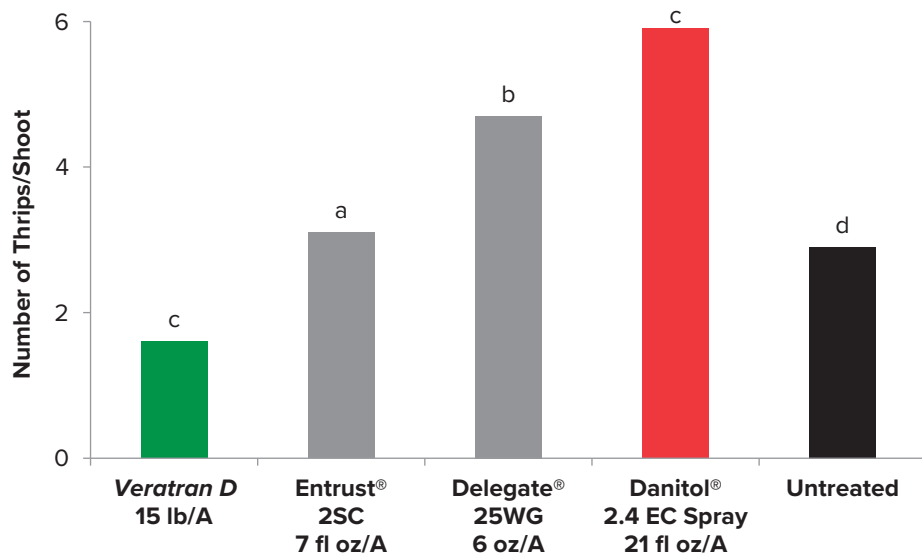


Veratran D Performance

Veratran D controls citrus thrips on mandarin oranges

14 days after application

Source: Dr. Robert Van Steenwyk, UC Berkeley



How To Use

Foliar Rate—Air	Labeled rate range: 10–15 lb/A in 10–40 gallons of water <ul style="list-style-type: none"> • Screen size should be 20 mesh or larger • Constant agitation is needed to keep in suspension
Foliar Rate—Ground	Labeled rate range: 10–15 lb/A in 20–100 gallons of water <ul style="list-style-type: none"> • Can increase to 20 lb/A if 200 gallons of water is used • Screen size should be 20 mesh or larger
Foliar Use	Reapply as needed, usually at a 10–14 day interval
Foliar Application Method(s)	<ul style="list-style-type: none"> • Conventional hydraulic sprayers • Compressed air sprayers
REI	12 hours
PHI	Do not apply at time of harvest

Key Crops & Pests

Crop	Insects Suppressed
Avocados	Thrips, aphids, leafhoppers, beetles, caterpillars, fruit flies, spotted wing drosophila
Citrus	Citrus thrips, aphids, leafhoppers, psyllids (including Asian citrus psyllids), beetles, caterpillars, fruit flies, spotted wing drosophila
Mangos	Citrus thrips

Best Management Practices

- ▶ Apply at first detection of pest, before threshold levels are reached
- ▶ Make sure leaves are damp and the product reaches the upper and lower leaf surfaces
- ▶ Good coverage is key, as thrips tend to hide in the crevices of the plant
- ▶ Determine optimal application time by closely monitoring the pest population
- ▶ Treatment is most effective when insects are in early instars
- ▶ When using *Veratran D* alone, consistent agitation is needed to keep it in suspension for spraying
- ▶ Use *Veratran D* immediately after mixing with water
- ▶ Scout fields frequently and reapply as needed, every 10–14 days. Do not apply at time of harvest.
- ▶ Wet leaves with a mist of water before applying *Veratran D* to the upper and lower leaf surfaces
- ▶ Apply when beneficial insects are less active, such as in the late afternoon
- ▶ *Veratran D* can be toxic to bees and other pollinators directly exposed to treatment of blooming crops or weeds. Do not apply *Veratran D* or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.



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Always read and follow label instructions.

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***Danitol* is a restricted use pesticide.**