

**RESTRICTED USE PESTICIDE**

**Toxic to fish and aquatic organisms.**

**For retail sale to and use only by certified applicators, or persons under their direct supervision and only for the uses covered by the certified applicator's certification.**

THIS RECOMMENDATION IS MADE AS PERMITTED UNDER FIFRA SECTION 2(ee) AND HAS NOT BEEN APPROVED BY OR SUBMITTED TO EPA FOR APPROVAL.

# SNIPER HELIOS

## 2(ee) Recommendation

**FOR USE ON GRAPES, HOPS, AND TREE NUTS TO CONTROL SPOTTED LANTERNFLY**

**THIS 2(ee) RECOMMENDATION IS FOR DISTRIBUTION AND USE IN THE COMMONWEALTH OF VIRGINIA.**

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNNER INCONSISTENT WITH ITS LABELING.**

This product bulletin contains new or additional directions for use which are recommended by Loveland Products, Inc. under FIFRA Section 2(ee).

### DIRECTIONS FOR USE

CROP	PEST	RATE OF APPLICATION
Grapes	Spotted Lanternfly	3.2 to 6.4 Fl oz/A (0.05 to 0.10 Lb Bifenthrin AI/A)
<b>Directions for use:</b> Apply in a minimum of 10.0 gal of finished spray by air or in a minimum of 25.0 gal of finished spray with ground equipment. When applying by air, 1.0 to 2.0 qt of emulsified oil may be substituted for 1.0 to 2.0 qt of water in the finished spray. Thorough coverage is essential to achieve control. When pest pressure is moderate to severe, use higher rate.		
<b>RESTRICTIONS AND PRECAUTIONS</b> <ul style="list-style-type: none"> <li>Do not apply more than 0.10 pound active ingredient (6.4 ounces formulated) per acre per season.</li> <li>Do not apply within 30 days of harvest.</li> </ul>		

CROP	PEST	RATE OF APPLICATION
Hops	Spotted Lanternfly	3.2 to 6.4 Fl oz/A (0.05 to 0.10 Lb Bifenthrin AI/A)
<b>Directions for use:</b> <b>Application by ground:</b> For best results, full coverage is essential. Early season rates, use 100 to 150 gal/spray/A. Late season rates, use 200 to 250 gal/spray/A. For Root weevil control, make a directed spray to the base of the plant. Spray up the vine 3 ft and the soil surface 1.5 to 2 ft on either side of plant.		
<b>RESTRICTIONS AND PRECAUTIONS</b> <ul style="list-style-type: none"> <li>Do not exceed 0.1 pound active ingredient (6.4 ounces formulated) per acre per application.</li> <li>Do not exceed 0.3 pound active ingredient (19.2 ounces formulated) per acre per season.</li> </ul>		

- A spray interval of 21 days between applications must be maintained.
- A 14-day pre-harvest interval must be observed.
- Use of ultra low volume (ULV) application on hops is prohibited.

CROP (TREE NUTS)	PEST	RATE OF APPLICATION
Almond Beech nut Brazil nut Butternut Cashew Chestnut Chinquapin Filbert (hazelnut) Hickory nut Macadamia nut (bush nut) Pecan Pistachio Walnut (Black and English)	Spotted Lanternfly	3.2 to 12.8 Fl oz/A (0.05 to 0.20 Lb Bifenthrin AI/A)

**Directions for use:**

**Application by ground:** Apply as a dilute (minimum of 200 gal of finished spray/A) or concentrate (minimum of 50.0 gal of finished spray/A) spray in sufficient water to provide thorough coverage.

**Application by air:** Apply the specified dosage in a minimum of 10.0 gal of finished spray/A.

**RESTRICTIONS AND PRECAUTIONS**

- Minimum Spray intervals: Apply this product as needed to maintain control, but do not apply at intervals sooner than 15 days.
- Observe a 21-day Pre Harvest Interval (PHI) for pecans and a 7-day Pre-Harvest Interval (PHI) for all other registered tree nut crops.
- Do not exceed 0.2 pound active ingredient (12.8 ounces formulated) per acre per application; do not exceed 0.50 pound active ingredient (32.0 ounces formulated) per acre per season.
- Do not graze livestock in treated orchards or cut treated cover crops for feed.

**ALL APPLICABLE DIRECTIONS, RESTRICTIONS, WORKER PROTECTION STANDARDS REQUIREMENTS AND PRECAUTIONS ON THE EPA REGISTERED SNIPER HELIOS, EPA REG. NO. 34704-858 LABEL MUST BE FOLLOWED. THE SNIPER HELIOS SECTION 3 LABEL AND THIS RECOMMENDATION MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF PESTICIDE APPLICATION.**



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