

## **TREE NUTS - PEST SUPPRESSED**

### General Information

#### RESISTANCE MANAGEMENT

ENVIDOR 2 SC MITICIDE contains an active ingredient with a mode of action - lipid biosynthesis inhibitor (LBI), classified as a Group 23 product. Studies to determine cross-resistance of Group 23 products with other chemical classes have demonstrated no cross-resistance. Bayer CropScience strongly encourages that ENVIDOR 2 SC MITICIDE, applied alone or in tankmix combination with another Group 23 product, be applied in a block rotation or windowed approach with products from other chemical classes having a different mode of action before using additional applications of other Group 23 products against the same target pest. Using a block rotation or windowed approach, along with other IPM practices, is considered an effective use strategy for preventing or delaying a pest's ability to develop resistance to a given class of chemistry.

Contact your local extension specialist, certified crop advisor, and/or Bayer CropScience representative for additional resistance management or IPM recommendations. Also, for more information on Insect Resistance Management (IRM), visit the Insecticide Resistance Action Committee (IRAC) on the web at <http://irac-online.org>.

#### APPLICATION INSTRUCTIONS

ENVIDOR 2 SC MITICIDE is a Suspension Concentrate formulation and is active by contact on mite eggs, all nymphal stages, and adult females. Application must be made as a preventive treatment or timed to coincide with early threshold level in developing mite population. Apply ENVIDOR 2 SC MITICIDE only through properly calibrated ground application equipment except where specified otherwise within crop-specific section. Thorough coverage of all plant parts is required for pest control. The presence of physical barriers including, but not limited to excessive dust, sun block agents, and/or sooty-mold can interfere with the binding of ENVIDOR to target plant parts and may require higher spray volumes to achieve penetration of these barriers.

#### RESTRICTIONS

- Do not apply ENVIDOR 2 SC MITICIDE through any type of irrigation system;

- Do not apply ENVIDOR 2 SC MITICIDE in enclosed structures such as greenhouses or plant houses.

#### AIRBLAST (Air Assist) SPECIFIC INSTRUCTIONS

Airblast sprayers carry droplets into the canopy of trees/vines via a radially, or laterally directed air stream. The following drift management practices must be followed:

- Adjust deflectors and aiming devices so that spray is only directed into the canopy;
- block off upward pointed nozzles when there is no overhanging canopy;
- use enough air volume to penetrate the canopy and provide good coverage;
- do not allow the spray to go beyond the edge of the cultivated area (i.e., turn off sprayer when turning at end rows);
- for applications to the outside rows, only spray inward, toward the orchard/grove.

#### Limitations, Restrictions, and Exceptions

#### TREE FRUIT, TREE NUTS, GRAPE AND HOP USE DIRECTIONS – ENVIDOR 2 SC MITICIDE

Apply specified dosage of ENVIDOR 2 SC MITICIDE as a dilute or concentrate spray early in the infestation as the population begins to develop or at early threshold for the target mite pest.

Preventative applications are permitted where required for management of specific mite problems but generally require the higher dosage specified within the crop specific sections for optimal residual control. Evaluate performance no sooner than 7 days following application. Degree of control or suppression of additional labeled pests will be determined, in part, by the stage of pest development at application and infestation level of those pests.

Application rates specified within this label are based on full-size mature trees and vines. Use higher rates for moderate to heavy mite pressure or where longer residual control is desired. Lower rates are generally adequate on smaller trees/vines, or for low to moderate mite pressure but require careful scouting and will generally provide shorter residual control than higher rates. Apply adequate spray volume to ensure thorough and uniform coverage of target plant parts.

#### Restrictions

Minimum application volume: 100 GPA – ground application only.

Use higher dosage when mite population density is extreme and environmental

conditions favor continued, prolonged infestation pressure.

Method

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

7 days

Restricted Entry Interval

12 hours

Timings

[Early in the infestation as the population begins to develop or at early threshold for the target mite pest.](#)