



envidor®

Envidor® Insecticide

Group 23 Acaricide

/// INTRODUCTION TO ENVIDOR®

Envidor® insecticide is active by contact against all developmental stages of mites, including eggs, nymphs and female adults.

Envidor provides good initial and excellent residual activity against target mite pests and is effective as either a preventive or threshold treatment allowing for maximum flexibility in application timing. The performance of Envidor has been proven equal or superior to currently used miticides from different chemical classes.

/// BENEFITS

- **Flexible Timing** – Provides good initial and excellent residual activity against mites, and is effective as either a preventive or at-threshold treatment, allowing for flexible application timing.
- **“All Stages” Mite Control** – Active against eggs, nymphs and female adults, reducing overall population over time.
- **Resistance Management** – Effective against mites resistant to other chemistries.
- **Integrated Pest Management (IPM) Fit** – Having low impact on beneficial insects, Envidor is an excellent choice for use in IPM systems.

/// REGISTERED CROPS	/// KEY PESTS
<ul style="list-style-type: none">• Avocados• Almonds• Citrus• Grapes• Hops• Pome fruit• Stone fruit	<ul style="list-style-type: none">• Citrus red mites• Citrus rust mites• European red mites• Pacific spider mites• Two-spotted spider mites

/// STOP MITES AT ALL LIFE STAGES

Envidor shows contact activity against all stages of mites including eggs, nymphs and female adults. Applied at early threshold, it effectively reduces eggs and stops mite nymphs from progressing to the next developmental stage for greater reduction of mite populations over time.

See product label for a complete list of crops and pests.

/// ENVIDOR® QUICK FACTS

- **Active Ingredient:** Spirodiclofen
- **IRAC:** Group 23 Acaricide
- **Signal Word:** Caution
- **REI:** 12 hours
- **PHI:** 2–14 days, depending on crop
- **Use Rate:** 14 to 34 fl. oz./A

/// IPM COMPATIBILITY

Envidor® is suitable for IPM programs because it does not harm beneficial insects including predacious bugs, parasitic wasps, lacewings and ladybird beetles when used as directed.

To avoid a possible impact on bees, Envidor should not be applied to blooming, pollen-shedding or nectar-producing parts of plants.

/// BIOLOGICAL OVERVIEW

Envidor has a unique mode of action classified as a Lipid Biosynthesis Inhibitor (LBI).

Envidor clearly establishes a category of its own by combining many of the same desirable properties and attributes from both Insect/Mite Growth Regulators (IGRs) and classical chemistries.

	Insect/Mite Growth Regulators (IGRs)	Envidor® (LBI)	Classical Chemistries
Life Stages Affected	Immatures	Eggs, Immatures, Female Adults	All Stages
Speed of Activity	Very Slow to Slow	Intermediate	Fast
Resistance Potential	Intermediate to High	Low to Intermediate	Intermediate
IPM Compatibility	Often Excellent	Excellent	Often Poor

/// APPLICATION TIMING

Envidor is an ideal product to be used as a foundation to your miticide program. It also works well with spray oils and adjuvants, allowing more in-field flexibility.

Envidor can be applied as a preventive treatment or at early threshold level in a developing mite population. Assess the performance of Envidor no sooner than seven days following application.

IMPORTANT: This bulletin is not intended to provide adequate information for use of these products. Read the label before using these products. Observe all label directions and precautions while using these products.

For more information, visit www.CropScience.Bayer.us.

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