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Oberon[®] Miticide/Insecticide

Group 23 Insecticide

/// INTRODUCTION TO OBERON[®] INSECTICIDE

With long-lasting residual activity on all mite life stages, Oberon[®] insecticide/miticide provides excellent control of mites and psyllids. What's more, Oberon poses minimal risk to beneficial insects when used as directed, making it a good miticide choice that fits well in Integrated Pest Management (IPM) systems.

/// HOW OBERON WORKS

Oberon has a unique mode of action classified as a Lipid Biosynthesis Inhibitor (LBI) and is active against all developmental stages of mites, including eggs and adults.

The translaminar movement of Oberon allows it to control mites on the underside of leaves.

Oberon is active through mites feeding on the treated leaf surfaces, preventing exposure to beneficial organisms.

/// PLANT MOBILITY

• Translaminar Activity

Oberon moves through the leaf epidermis and mesophyll to control mites not directly exposed to sprayed surfaces.

• Systemicity

Oberon hydrolyzes and moves through the phloem to unsprayed leaf and plant parts.

/// PEST SPECTRUM

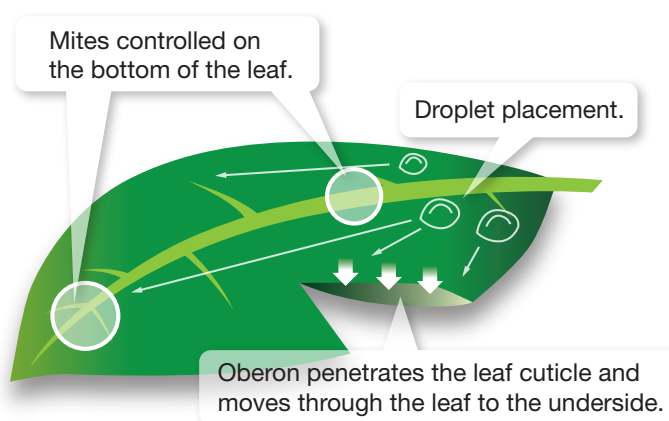
Oberon[®] Insecticide is specifically effective against twospotted spider mites and Banks grass mites. Oberon has its highest activity against the immature stages (nymphs) of pest development.

Visual symptoms of Oberon activation on pests which result in reduced fecundity and/or mortality include:

- Flabby legs
- Paralysis
- Reduction of fertility in female adults
- Dehydration and molting inhibition

Registered Crops	Key Pests
<ul style="list-style-type: none"> • Corn • Cotton • Cucurbits • Eggplants • Fruiting vegetables • Lettuce • Peppers • Potatoes • Strawberries • Tomatoes • Watermelons 	<ul style="list-style-type: none"> • Mites • Psyllids • Whiteflies

How Oberon Works



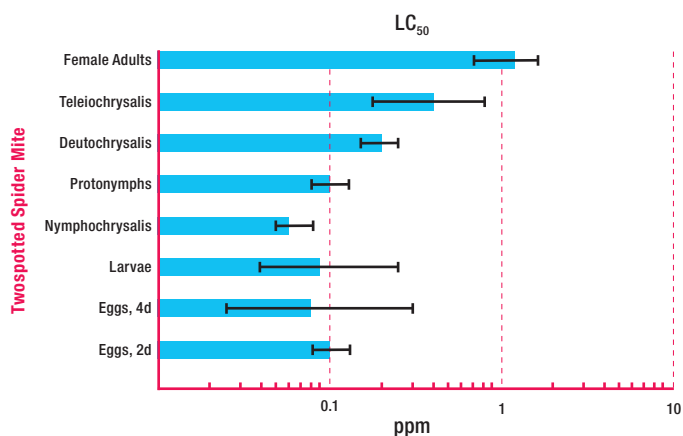
/// IPM COMPATIBILITY

Oberon is an IPM-friendly compound because of its selective activity against mites, psyllids and whiteflies. Its minimal risk to pollinators and other beneficial organisms, along with its unique mode of action, makes Oberon an excellent tool for IPM.

/// OBERON® INSECTICIDE QUICK FACTS

- **Active Ingredient:** Spiromesifen
- **IRAC:** Group 23 Insecticide
- **Signal Word:** Caution
- **REI:** 12 hours
- **PHI:** 1–30 days, depending on crop
- **Use Rate:** 5.7 to 16 fl. oz./A, depending on crop

High Efficacy Against All Twospotted Spider Mite Stages



LC₅₀ is the lethal concentration required to kill 50% of the population.
The spiromesifen in Oberon® 4 SC is highly active on mites at ~1 ppm or less.

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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