



Broad Spectrum Insecticide and Miticide

Product Data Bulletin

Features

- Zero REI (re-entry interval)
- Zero PHI (post-harvest interval)
- National Organic Program (NOP) Compliant and OMRI listed
- University and grower proven efficacy

ECOTEC is a unique insecticide/miticide with two modes of action:

Extensive research discovered that the patented combination of essential oils in ECOTEC block octopamine neuroreceptors on insects and mites. Octopamine regulates the insect's movement, heart rate, behavior, and metabolism. Blocking such receptors causes quick knockdown and death of the target insect. As an essential oil, a temporary covering of the insect's outer membrane with a spray of ECOTEC leads to suffocation of the pest.

General Recommendations

- ECOTEC is a broad spectrum, contact insecticide/miticide. It controls pest such as, but not limited to: aphids, thrips, whiteflies, mites, cabbage looper, and armyworm.
- The use of adjuvants (spreaders and/or penetrants) is highly recommended for improving performance.
- Do not apply on plants when temperature is 90° F or above.
- Coverage is essential for good control.

Mixing Instructions

Add ECOTEC to 1/2 tank* under agitation containing water of 45° F or greater before filling to desired level. When combining products, such as adjuvants, insecticides, fungicides, or fertilizers, add these products first when the tank is approximately half full. Ensure that there is good agitation while mixing for complete emulsification. Maintain agitation during spray application.

* In areas with hard water (water with a total hardness of greater than 200 ppm) it is recommended to completely fill tank with water first and then add a water softener, mix thoroughly, add the appropriate quantity of ECOTEC, and mix thoroughly. It is critical that the entire quantity of water and mixed thoroughly before introducing the ECOTEC to achieve maximum emulsion.



FIFRA 25(b) Exempt Pesticide

This product has not been registered by the United States Environmental Protection Agency. Brandt Consolidated, Inc. represents that it is exempt from registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

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Agriculture Application Rates

Crops/Pests Including but not limited to	Application Rate in 100 gallons per acre for ground application
LEGUME AND FRUITING VEGETABLES Aphids, Whiteflies Beetles, Two-Spotted Spider Mite, Plant Bugs, Thrips, Loopers.	1.0 - 4.0 Pints
BULB, COLE & LEAFY VEGETABLES Aphids, Whiteflies, Beetles, Two-Spotted Spider Mite, Plant Bugs, Thrips, Cutworms.	1.0 - 4.0 Pints
CUCURBITS Aphids, Whiteflies, Beetles, Plant Bugs, Thrips, Two-Spotted Spider Mite and early stages of Caterpillars.	1.0 - 4.0 Pints
ROOT AND TUBER VEGETABLES Aphids, Plant Bugs, Potato Leafhoppers, Two-Spotted Mite, Thrips	1.0 - 4.0 Pints
ALFALFA Aphids, Leafhoppers, Plant Bugs, Thrips.	1.5 - 4.0 Pints
HERBS & SPICES Aphids, Leafhoppers, Plant Bugs, Thrips.	1.0 - 3.0 Pints
SMALL FRUIT & BERRIES Aphids, Leafhoppers, Mealybugs, Whiteflies, Lygus Bugs, Thrips, Pacific Spider Mite, European Red Mite, Citrus Red Mite.	1.0 - 4.0 Pints
GRAPES AND HOPS Leafhoppers, Sharpshooters, Two-Spotted Spider Mite, Willamette Mite, Thrips, Mealybugs, early stages of Leafrollers and Caterpillars.	1.0 - 4.0 Pints
STONE FRUITS, POME FRUITS Aphids, Thrips, Leafhoppers, Psylla, Scales, Two-Spotted Spider Mite.	1.0 - 4.0 Pints
CITRUS AND SUB TROPICALS Aphids, Thrips, Scales, Two-Spotted Spider Mite, Citrus Rust Mite.	2.0 - 5.0 Pints
NUTS Aphids, Thrips, Two-Spotted Spider Mite, Pacific Mite, McDaniel Mite and European Mite.	1.0 - 4.0 Pints
FIELD CROPS Aphids, Soybean Aphid, Beetles, Whiteflies, Two-Spotted Spider Mite, Plant Bugs, Thrips.	2.0 - 4.0 Pints

See label for a complete listing of crops, pests and application methods and rates. This piece of literature is a support document and does not replace the label. Always follow labeled rates and directions.

