



Mantis EC

BOTANICAL INSECTICIDE/MITICIDE

- **N.O.P. COMPLIANT**
- **0-HOUR REENTRY INTERVAL**
- **0-DAY PREHARVEST INTERVAL**
- **NON-TOXIC TO BENEFICIAL INSECTS**
- **EXEMPT FROM RESIDUE TOLERANCES**

ACTIVE INGREDIENTS:	% BY WT.
Rosemary Oil	5.00%
Peppermint Oil	5.00%
Soybean Oil (NON-GMO)	80.00%
OTHER INGREDIENTS:	
Polyglyceryl Oleate	10.00%
TOTAL:	100.00%

This product has not been registered with the U.S. Environmental Protection Agency. Mantis Plant Protection, LLC represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 25(b) regulations.

DP072016

NET CONTENTS: 32 FL OZ (1 QT / 946 ML)

A BROAD SPECTRUM NATURAL INSECTICIDE / MITICIDE FOR USE ON INDOOR AND OUTDOOR FRUITS, VEGETABLES, ORNAMENTAL FLOWERS, TREES, SHRUBS, PLANTS, HOME & GARDEN, AQUAPONIC, AEROPONIC, AND HYDROPONIC SYSTEMS

CAUTION
KEEP OUT OF REACH OF CHILDREN

Manufactured For:
MANTIS PLANT PROTECTION, LLC
340 W 32nd St. #384 Yuma, AZ 85364
(928) 580-4162

www.MantisPlantProtection.com



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CAUTION: Harmful if swallowed. Avoid breathing spray mist. May cause irritation of nose, throat and/or skin. Avoid contact with eyes, skin and clothing. Wear protective eye wear and waterproof gloves when applying this product.

FIRST AID	
If on skin or clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advise.
If in eyes	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor.
If swallowed	Call a poison control center or doctor immediately for treatment advise. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do by a poison control center or doctor.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Persons handling concentrate are recommended to wear:

- Protective eyewear
- Chemical resistant gloves

USE INFORMATION

MANTIS BOTANICAL INSECTICIDE / MITICIDE™ is a broad spectrum insecticide/miticide specially formulated with natural occurring botanical oils that kill insects and spider mites on contact by disrupting gas exchange (respiration), cell membrane function and structure.

MANTIS BOTANICAL INSECTICIDE / MITICIDE also disrupts the feeding of insects and spider mites on the plant surfaces that are treated.

MANTIS BOTANICAL INSECTICIDE / MITICIDE is effective when applied any time throughout the growing season. It is effective against all stages of insect and mite development from nymphal stage to adult.

PREHARVEST INTERVAL: 0-DAYS. MANTIS BOTANICAL INSECTICIDE / MITICIDE may be applied to crops at any time up to and including the day of harvest. NO REENTRY INTERVAL.

USE SITES: For use on ALL crops including, but not limited to all indoor and outdoor: fruits and vegetables, herbs and spices, fruit trees, vines, tree nuts, field and row crops, ornamental trees, shrubs and flowers, containerized plants, and turf.

INSECTS CONTROLLED OR REPELLED: (including, but not limited to): Aphids, leafhoppers, plant bugs, thrips, spider mites, caterpillars (small larvae), whiteflies, scales, mealybugs, leafrollers, flea beetle, fungus gnats, chinch bugs, lygus bugs, psyllids, sawflies, mushroom flies, fleas, ticks, mosquitoes, roaches, crickets etc.

MIXING DIRECTIONS

SHAKE WELL BEFORE USING. TO MAINTAIN A HOMOGENEOUS SPRAY MIXTURE, CONSTANT AGITATION OR RECIRCULATION IS REQUIRED.

Fill sprayer 1/2 full with desired amount of water. When combining with other products, such as adjuvants, insecticides, fungicides, or fertilizers, add these products first and then add MANTIS BOTANICAL INSECTICIDE / MITICIDE and then the rest of the water.

APPLICATION DIRECTIONS

Apply at first sign of pest presence and continue applications at 4-7 day intervals until infestation is controlled. Spray solution to thoroughly cover the foliage.

Do not apply MANTIS BOTANICAL INSECTICIDE / MITICIDE if rain is forecasted or overhead watering occurs within 12 hours.

FOLIAR APPLICATION: 1/2 to 2 pints per acre; use higher rates for heavier pest infestations.

GREENHOUSE, NURSERY & CONTAINER: 1/2 to 2 pints per 100 gallons of water.

HOME & GARDEN: 1-2 fluid ounces (2-4 tablespoons) per gallon of water. Cover all plant surfaces, especially the undersides of leaves and crevices of branches and stems where pests can hide.

DRENCHING DIRECTIONS FOR FUNGUS GNATS & ANT MOUNDS: Dilute 8 oz of concentrate per gallon water in a bucket or watering container. Mix well and pour solution into soil container until fully drenched or directly on ant mounds.

USE RECOMMENDATIONS

- The use of adjuvants (spreaders and / or penetrants) is highly recommended for improving performance.
- To minimize the risk of plant injury, avoid treating when temperatures are below 40°F or above 90°F or when the relative humidity is above 90 percent.
- Spray in early morning or evening when it is cooler. Do not apply in mid-day sunlight or when grow lights are tuned on as temporary leaf burn may occur.
- Do not make applications when plants are wet.
- Do not mix MANTIS BOTANICAL INSECTICIDE / MITICIDE with sulfur or copper-based pesticides and avoid applying 7 days before or after a sulfur or copper treatment.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal

PESTICIDE STORAGE:	Store in original container in a dry, cool, well ventilated area
PESTICIDE DISPOSAL:	Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER DISPOSAL:	Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after flow begins to drip. Fill container ¼ full with water and recap. Shake 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure tow more times.

NOTICE TO BUYER

Seller warrants this product conforms to its chemical description on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal use conditions. This warranty does not extend to use of this product contrary to label directions, or under abnormal use conditions, or under conditions not reasonably foreseeable to seller. Buyer assumes all risk of any such use. Seller makes no other warranties, either express or implied.

MANTIS BOTANICAL INSECTICIDE / MITICIDE™ is a trademark of Mantis Plant Protection, LLC.



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