



Eco-Mite Plus™

BOTANICAL INSECTICIDE MITICIDE CONCENTRATE

Kills & Prevents Common Garden Pests

- Safe for Flowers & Vegetables
- Non-Toxic to People & Pets
- Environmentally Safe
- For Indoor & Outdoor Use
- Fast Acting
- 1 Gallon of Concentrate Makes 20-40 Gallons and Treats up to 20,000 sq. ft.
- 1 Quart of Concentrate Makes 5-10 Gallons and Treats up to 5,000 sq. ft.

KEEP OUT OF REACH OF CHILDREN

Eco-Mite Plus controls phytophagous mites, eggs and nymphs, and controls other piercing sucking insects, including aphids, mealybugs, scale crawlers, thrips, and whiteflies.

ACTIVE INGREDIENTS:

Rosemary	5.0%
Rosemary Oil.....	2.5%
Peppermint Oil.....	2.5%
Cottonseed Oil.....	2.5%
Other Ingredients*	87.5%
Total	100.00%

*Other Ingredients: Water, Soap, Isopropyl Alcohol
Net Contents: 1 Gallon 128 Fl. Oz. (3,785 mL)

Manufactured by: ARBORJET, Inc., 99 Blueberry Hill Road, Woburn, MA 01801 781-935-9070

DIRECTIONS FOR USE

Dilute with water before use. Shake well. Read entire label and use accordingly.

For best results, apply when conditions favor mites and insects or at the first sign of mite or insects infestation.

MIXING

To refill the Eco-Mite Plus™ “Ready to Use” 32 fl. oz. container, for general purpose use, add 4 fl. oz. Eco-Mite Plus concentrate to 28 fl. oz. water. For larger volumes, see Application Rates Table for instruction.

For best results, add Eco-Mite Plus when the tank is approximately ½ full of water of 45°F or greater, agitate, and then fill with water to the desired level and agitate again. Maintain agitation during spray application. When combining with other products, such as adjuvants, insecticides, fungicides, or fertilizers, add these products first when the tank is approximately ½ full. The use of surfactants, adjuvants and/or penetrants to improve performance is not required when using this product. Always clean tank, pump, and lines thoroughly with water after use.

Note: When using hard water (total hardness greater than 200 ppm), it is recommended to completely fill tank with water first, then add a water softener, mix thoroughly, add Eco-Mite Plus and mix thoroughly.

HOW TO APPLY

After mixing with water, use as a spray application. Thoroughly cover the upper and especially lower leaf surfaces until wet – avoid excessive runoff. Apply when conditions favor insect development or at the first sign of infestation. If mites are present, apply day 1, day 2, and day 5 or 7. Continue applications at 7-14 day intervals until pest populations are adequately controlled. Under heavy pressure, use the highest rate and the shortest interval. Under light pressure, the application interval may be extended.

APPLICATION EQUIPMENT AND TECHNIQUES

Hand-held and High Volume Equipment - Applications may be made with spray bottles, knapsack and backpack sprayers, pump-up pressure sprayers, handguns, hand wands, and other hand-held and vehicle mounted spray equipment. Spray droplet size should be adjusted to maximize coverage and minimize drift, and allow application to the intended treatment target area.

Boom Equipment - For best control using hydraulic or hydraulic air assist equipment, use the recommended rate of this product in sufficient gallons of spray solution per acre as a broadcast spray. Spray should thoroughly wet foliage but not run off.

APPLICATION RATES

Use the volume of water necessary for uniform and complete spray coverage of foliage. Use lower rate when infestation is light. Use higher rate when infestations are moderate to heavy. Repeat applications as required to maintain the desired level of control.

APPLICATION RATES PER 5 GALLONS OF WATER

Pest	Conditions/When to Apply	*Application Rate in 5 gal per 1000 sq ft
Warm Season Mites: Two Spotted Spider Mite, European Red Mite, Honey Locust Spider Mite, Oak Red Mite, Palm Red Mite	Broad host range includes trees, shrubs, bedding plants, fruit trees, roses, and palms. Warm season mites thrive when daily temps are 95°/75°F. Spray when temps reach 85°F when mites or stippling are first observed.	12-16 fl. oz. (360-480 ml)/every 10-14 days; thoroughly cover all leaf surfaces
Cool Season Mites: Spruce Spider Mite, Southern Red Mite	Spruce spider mites attack spruce, arborvitae, hemlock, juniper, yew and pines. Outbreaks occur in Apr & May; and again in late Aug. Southern Red Mites attack broad-leaf evergreens, esp., Japanese hollies and azaleas. Cool season mites proliferate when daytime temperatures are <85°F. Spray when mites or stippling are first observed.	12-16 fl. oz. (360-480 ml)/every 10-14 days; thoroughly cover all leaf surfaces

*Always use lower rate of this product on plants with tender growth.

Pest	Conditions/When to Apply	*Application Rate in 2.5 gal per 500 sq ft
Aphids, Mealy Bugs, Psyllids, Scale Crawlers, & Thrips	Spray when pest first appears or injury is first observed, such as leaf curl or stippling	24-32 fl. oz. (720 – 960 mL)/ every 10-14 days; thoroughly cover undersides of foliage
Whiteflies, such as: Green-house whiteflies, Rugose Spiraling Whiteflies, Silverleaf white flies, Woolly whiteflies	Spray when whiteflies (or honey dew) are first observed; repeat applications to protect new growth	24-32 fl. oz. (720 – 960 mL)/ every 10-14 days; thoroughly cover undersides of leaves

PLANT SAFETY

Local conditions also can influence plant tolerance and may not match those under which testing has been conducted. Before using Eco-Mite Plus, test the product in a small trial to check for flower or leaf burn before using on a large scale. Do not use on newly planted cuttings or plants stressed by drought. Do not apply when temperatures exceed 90 degrees F. Do not spray the blooms directly.

PRECAUTIONARY STATEMENTS

Caution – We recommend good safety practices when using any pesticide, such as avoiding contact with eyes and skin and keeping out of the reach of children. Wear gloves and eye protection when using Eco-Mite Plus. May be harmful if swallowed. If product gets in eyes, flush with water. If on skin, wash with soap and water. If irritation persists, contact a physician. This product is not toxic to wildlife and possesses minimal risk to fish and aquatic organisms. Avoid direct contact with bodies of water.

STORAGE AND DISPOSAL

Keep container tightly closed when not in use. Store container in a cool, dry area and avoid excess heat or open flame. Keep from freezing. Offer for recycling if available or discard in trash.

WARRANTY

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with the directions under normal conditions of use. Neither this warranty nor any other warranty of merchantability or fitness of a particular product expressed or implied extends to the use of this product contrary to label conditions, or under conditions not reasonably foreseeable to the seller. Buyer assumes the risk of any such use.

This product has not been registered by the U.S. EPA. Arborjet represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), Section 25B.

For more information please visit: www.arborjet.com or call 781-935-9070.

Manufactured by:
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