

# EcoVia™ 3-in-1

## emulsifiable concentrate

### Insecticide, Miticide and Fungicide

Easy-Mixing, Low Odor Formula

Ideal for Use on Ornamental & Consumable Plants

Safe and Effective When  
Used and Stored as Directed

### Research-Based Botanical Insecticide

### KEEP OUT OF REACH OF CHILDREN CAUTION

**Active Ingredients:**

Thyme Oil.....12.0%  
Geraniol.....6.0%  
Cinnamon Oil.....2.0%  
Peppermint Oil.....2.0%

**Inert Ingredients:**.....78.0%

Polyglyceryl Oleate, Butyl Stearate,  
Isopropyl Alcohol, Isopropyl Myristate  
**Total**.....100.0%

FIFRA 25(b) exempt product



Net Contents: 64 oz and 55 gals

**DIRECTIONS FOR USE**

READ ENTIRE LABEL — USE IN ACCORDANCE WITH LABEL INSTRUCTIONS

**PRECAUTIONS AND NOTICES:**

- May cause eye and skin irritation. Avoid contact with eyes, skin and clothing. Protective eyewear and nitrile or other chemical resistant gloves are recommended, particularly when handling concentrate. In the State of California, protective eyewear and chemical resistant gloves are required when handling the concentrate. Applicator should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if the product gets inside. Wash thoroughly and put on clean clothing. Remove PPE after handling this product. Wash the outside of the gloves before removing.
- Do not use, pour, spill or store near heat or open flame.
- Do not use product in conduits, junction boxes, or other electrical equipment because of possible shock hazard.
- Product contains botanical oils that are inherently fragrant. When used in confined spaces, prolonged exposure to the scent may be objectionable to some individuals. Clean up residual product to diminish scent.
- Product diluted per the label may leave a slight oily stain when sprayed on porous surfaces such as unsealed concrete, wood, drywall, brick, stone, fabric and carpet. Essential oils can also damage certain plastics. If overspray lands on any sensitive surfaces simply rinse with water and wipe off with a clean cloth. Liquid soap may be used for clean up if needed. Concentrate will likely damage susceptible materials such as thin plastics.
- Product has been used without damage on a large number of, but not all, plant types. Plants with known sensitivity to oils include basil, evergreens, maple trees and other plants that are burned by horticultural oils such as 435 oil. If concerned about particular plant sensitivity, test treat a small area first and wait 48 hours to determine if burning occurs. For sensitive plants, use lower rates and apply late in the day to minimize risk of burning.
- Do not apply directly to surface water.
- Product will have a milky white appearance once diluted with water. Below room temperature there may be a slight appearance of small chunks. This is normal and extensive use has not shown any clogging of application equipment or other detrimental effects even in cooler temperatures.

Rockwell Labs Ltd represents that this product is exempt from registration pursuant to FIFRA 25(b). This product is not EPA registered.

**PESTS INCLUDE:** Adelgids, Ants, Aphids, Armyworms, Bagworms, Beetles (Cucumber, Darkling, Japanese, Sap, Picnic, Potato, Elm leaf, Ambrosia and others), Billbugs, Blight, Borers, Boxelder bugs, Cabbage loopers, Cankerworms, Caterpillars, Chiggers, Chinch bugs, Crickets, Cutworms, Earworms, Fall webworms, Flies, Fungus, Fungus gnats, Grasshoppers, Grubs, Japanese beetles, Kudzu bugs, Lace bugs, Leafhoppers, Mealybugs, Mildew, Mole crickets, Mites, Moths, Psylla, Root worms, Rust, Scale insects, Sod webworms, Stink bugs, Squash bugs, Tent caterpillars, Thrips, Weevils, and Whiteflies, including egg and larval stages if applicable.

**INDOOR SITES:** Ornamental and edible/consumable plants and plantscapes, mushroom houses, greenhouses, and hydroponic facilities. Suitable for organic production.

**OUTDOOR SITES:** Lawns, trees, bushes and shrubs, landscape beds, nurseries, ornamental plants and turf, parks, pastures, playgrounds, recreational areas, right-of-ways, and golf courses.

**CROP SITES:** Cannabis (where cultivation is allowed by state and/or local law), edible plants, fruit bearing plants and trees, vineyards, cotton, lumber and other cultivated commodities. Suitable for organic production.

**MIXING INSTRUCTIONS AND APPLICATION EQUIPMENT:** Shake well before using. Mix with water or oil and apply with a handed pressurized compressed air sprayer, backpack sprayer or mist blower, power sprayer, mechanical aerosol misting/fogging equipment, ULV foggers or other conventional application equipment. Clean spray equipment before use. Add approximately half of the required amount of water or oil to the tank and then add the appropriate amount of product, agitate and add the remaining water or oil. Apply the solution until surfaces are wet, but not to the point of run-off. Product requires only light agitation in spray systems after concentrate has been diluted. After applications, rinse the tank with clean water, pressurize the tank and flush the valve and hose.

Mix rate	0.25 oz/gal	0.5 oz/gal	1 oz/gal	2 oz/gal	3 oz/gal	4 oz/gal	5 oz/gal	6 oz/gal
Active Ingredient Concentration	0.04%	0.09%	0.17%	0.34%	0.52%	0.69%	0.86%	1.0%

## INDOOR USE

Be aware of scent in indoor occupied areas. A rate of not more than 2 oz/gal is recommended if people are present, or will be present shortly after treatment, or ventilate the area after treatment. When sprayed on porous/unsealed surfaces, product may leave a slight oily stain.

Dilute product and apply with spray or misting equipment until foliage is thoroughly wet. A small-scale test is recommended to verify safety prior to broad plant treatment, particularly when treating plants with known sensitivity to oils, and/or young, tender plants.

**Space Spray/Fogging:** Close and shut off air conditioning and ventilating equipment. Vacate persons from the area. Dilute product with water or oil and apply through conventional fogging equipment or misting systems at the rate of 1 to 3 fluid ounces per 1000 cubic feet, filling the area with mist or fog. Ventilate treated areas before reoccupying. If an oily residue is left on any sensitive surfaces after treatment, wipe up with a clean cloth. Fogging oils may create slippery conditions on surfaces. Reapply as needed.

## OUTDOOR USE

**Perimeter and Turf Use:** Dilute product and apply until area is thoroughly wet. For perimeter treatment, apply product to a band of soil and vegetation up to 10 feet wide around and adjacent to buildings. Make specific efforts to spray areas where pest species congregate such as, but not limited to, landscape timbers, mulch, waste receptacles, dumpsters, under decks and porches and to the soil in crawlspaces. Product may be applied on building foundations, but see notice regarding potential for staining porous/unfinished surfaces. Reapply as needed.

**Ornamental Plants, Trees and Shrubs, and Crop Sites:** Dilute product and apply until foliage is thoroughly wet. A small-scale test is recommended to verify safety prior to broad plant treatment, particularly when treating plants with known sensitivity to oils, and/or young, tender plants.

See table at right for dilution rates for common pests/sites. Use higher rates for active infestations and lower rates for maintenance. Use lower rates for power sprayer application versus compressed air sprayers and misters. Exceeding rates may result in phytotoxicity of treated plants.

Outdoor perimeter and turf use Compressed air sprayer Power sprayer	0.5-6 oz/gal 0.5-4 oz/gal	Compressed air sprayer, mist blower, or power sprayer
Late stage larval forms of Cutworms, Wireworms, Cabbage/Kale Caterpillars, Cabbage Looper, Tent Caterpillars, Bagworms, Fall Webworms	1-4 oz/gal Mixing 10-20% light mineral oil in solution is suggested for severe infestations of late stage larval forms of Cutworms, Tent Caterpillars and other large late larval insects. Do not use additional oil on oil sensitive plants.	Compressed air sprayer, mist blower, or power sprayer
Early stage larval forms	0.5-3 oz/gal	
Thrips (higher rates for soil treatment lower rates for direct plant application)	1-3 oz/gal	Compressed air sprayer, mist blower, or power sprayer
Soil treatment for Fungus Gnat control	0.1-1.5 oz/gal	Compressed air sprayer or hand sprayer
Plant insects such as Spider Mites, Scale Insects, Mealybugs, Aphids, Lace Bugs, Whiteflies, Psylla, Colorado Potato Beetles, Cucumber Beetles.	1-3.5 oz/gal Use lower rates on early stage larvae and higher rates for adults and late stage larvae. With oil sensitive plants use lower rates and repeat application in 24 hours	Compressed air sprayer, mist blower, or power sprayer
Stink bugs, Grasshoppers, Crickets, Squash Bugs	2-6 oz/gal	Compressed air sprayer, mist blower, or power sprayer
Darkling Beetles, Ground Beetles. (Higher rates for larger beetles)	2-6 oz/gal	Compressed air sprayer, mist blower, or power sprayer
Plant fungus/disease including but not limited to Blight, Mildew and Rust	0.1-0.25 oz/gal	Compressed air sprayer, mist blower, or power sprayer
Cannabis pests, including but not limited to, Spider Mites, Aphids, Fungus Gnats, Whiteflies, Thrips, Weevils, Leafhoppers, Diamondback Moths, Miller Moths, Cutworms and other pests	0.5-2.5 oz/gal Use lower rates for light infestations and early stage larvae and repeat application in 24 hours if necessary.	Compressed air sprayer, mist blower, or power sprayer
Greenhouse Misting or Fogging (Low Volume and Ultra Low Volume fogging)	1.5-6 oz/gal in oil or water	Apply 1-3 oz finished solution per 1000 cu ft
In and around silos and storage bins for stored product insects	1-4 oz/gal Use lower rates for larval stages and soft-bodied insects.	Compressed air sprayer

## FIRST AID

IF IN EYES:	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Seek medical attention if irritation persists.</li> </ul>
IF ON SKIN:	<ul style="list-style-type: none"> <li>Wash exposed area thoroughly with soap and water.</li> </ul>
IF INHALED:	<ul style="list-style-type: none"> <li>Move exposed person(s) to fresh air.</li> <li>If breathing problems persist, seek medical attention.</li> </ul>
IF INGESTED:	<ul style="list-style-type: none"> <li>Rinse mouth out with water.</li> <li>Do not induce vomiting.</li> <li>Seek medical attention if feeling unwell.</li> </ul>

## STORAGE & DISPOSAL

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

FOR HALF GALLON OR LARGER CONTAINERS: Current pack size is ½ gal

**SPILL PROCEDURES:** In case of significant spill or leakage, soak up with an absorbent material such as purpose made socks or pads, or use sand, sawdust, corncob grit, soil, fuller's earth, etc. Dispose of with trash.

**STORAGE:** Store upright in original container in an area inaccessible to children and pets. Avoid exposure to extreme temperatures.

**CONTAINER DISPOSAL:** Triple rinse and place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP which is managed as a public private partnership.

FOR CONTAINERS SMALLER THAN ONE HALF GALLON: No pack sizes smaller than ½ gal currently.

**STORAGE:** Store upright in original container in an area inaccessible to children and pets. Avoid exposure to extreme temperatures.

**DISPOSAL:** Do not reuse container. Offer for recycling or dispose of in trash.

## Conditions of Warranty and Limitations of Liability

**IMPORTANT: READ BEFORE USE** Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Manufacturer. All such risks shall be assumed by the user or buyer. **DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Manufacturer makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Manufacturer is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Manufacturer disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Manufacturer's election, the replacement of product.

Manufactured by:  **Rockwell Labs Ltd**  
creating the future of pest control  
 1257 Bedford Ave  
 North Kansas City, MO 64116  
[www.rockwelllabs.com](http://www.rockwelllabs.com)