

4-412

08/16/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

AUG 16 2011

Ms. Becky Horton  
Consultant/Agent for  
Bonide Products, Inc.  
P.O. Box 1019  
Salem, VA 24153

Dear Ms. Horton:

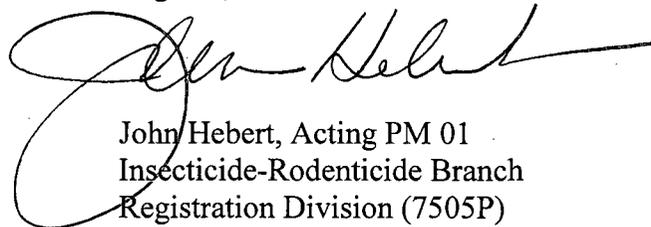
Subject: Submission of amended labeling per Use Deletion Guidance 12/30/08 and revised  
May 2009 Malathion RED Label Table  
EPA Reg. No. 4-412  
Submissions dated March 5, 2010

The proposed labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you submit two copies of your final printed label before you release the product for shipment. Products shipped after 18 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

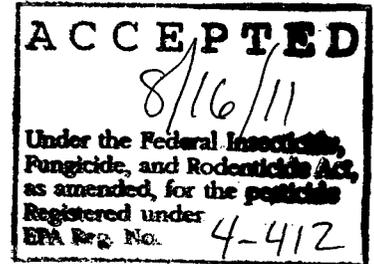
Additional label corrections may be needed pending submittal and review of your responses to the Malathion RED.

A stamped copy is enclosed for your records. If you have any questions, please contact Marianne Lewis at (703) 308-8043 or [lewis.marianne@epa.gov](mailto:lewis.marianne@epa.gov).

Regards,

  
John Hebert, Acting PM 01  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure



# MALATHION INSECT SPRAY

Optional Marketing Statements:

Kills Aphids, Mealybugs, Scale Insects and Mosquitoes on Listed Vegetables, Flowers and  
Ornamentals in Outdoor Residential Gardens

**ACTIVE INGREDIENT:**

Malathion (CAS #121-75-5)..... 55%

**OTHER INGREDIENTS:**..... 45%

**TOTAL**..... 100%

Contains petroleum distillates.  
1 gallon contains 4.81 lbs. of malathion.

**KEEP OUT OF REACH OF CHILDREN**

## WARNING - AVISO

See side/back/other panel(s) for additional Precautionary Statements and First Aid

**NET CONTENTS:** \_\_\_\_\_

[SIDE/BACK/OTHER PANEL(S)]

<b>FIRST AID</b>	
<b>If in Eyes:</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
<b>If Swallowed:</b>	Immediately call poison control center or doctor. Do not induce vomiting unless told to by a poison control center or doctor. Do not give <b>any</b> liquid to the person. Do not give anything by mouth to an unconscious person.
<b>If on Skin or Clothing:</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN:</b> This product may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine. Contains petroleum distillate. May pose an aspiration hazard.	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if swallowed or absorbed through skin. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear protective eye wear (goggles, face shield, safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

### PHYSICAL HAZARDS

Combustible: Do not use or store near heat or open flame.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### STORAGE AND DISPOSAL

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

**Pesticide Storage:** This product should be stored in the original unopened container in a secure dry place. Do not contaminate with other pesticides or fertilizers. The product should never be heated above 55°C (131°F), and should not be stored for long periods of time at a temperature in excess of 25°C (77°F). Store and transport in an upright position.

**Pesticide Disposal:** *If partly filled:* Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**Container Disposal:** *If empty:* Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or place in trash.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. Use is limited to listed vegetables and ornamentals in outdoor residential gardens.

**READ THESE ENTIRE DIRECTIONS AND DISCLAIMER. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS, RESTRICTIONS AND DIRECTIONS FOR USE.**

### PRECAUTIONS AND RESTRICTIONS

- DO NOT APPLY THIS PRODUCT IN A WAY THAT WILL CONTACT ANY PERSON OR PET, EITHER DIRECTLY OR THROUGH DRIFT. KEEP PEOPLE AND PETS OUT OF THE AREA DURING APPLICATION.
- Do not allow people or pets to enter the treated area until sprays have dried.
- Do not use on humans.
- Do not allow contact with treated surface until sprays have dried.
- Do not use on Fire Ants, Carpenter Ants, Harvester Ants or Pharoah Ants.
- Do not use food utensils such as teaspoons or tablespoons for food purposes after use with pesticides.

### Application Instructions

**For Spray Tank Application:** For proper mixing, fill the spray tank with at least ¾ gallon of water before Malathion Insect Spray is added. Shake sprayer occasionally or agitate to keep spray particles in suspension during application. Follow spray schedule given in SPRAY CHART below.

**For Hose-end Sprayer Application:** Use a hose-end sprayer that can be adjusted to provide a dilution ratio of approximately 1 fl. oz. of this product per gallon of spray.

**For Watering Can Application:** See SPRAY CHART for use rates. Apply by gently sprinkling 1 gallon of mixture over foliage.

**Spray Chart**  
**Use higher rate when foliage is heavy or infestation is severe.**

<b>Crop</b>	<b>Insects</b>	<b>When to Apply</b>	<b>Amount /Gal. Water</b>	<b>Comments</b>
Beans	Mexican bean beetle, spider mites, Japanese beetle, aphids, cucumber beetle	Make up to 2 applications per year – at least 7 days apart. Do not apply within 1 day of harvest.	¼ to ½ fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed ¾ fl. oz./1000 sq. ft. per single application. Do not use on bean crops used for forage or hay.
Tomatoes	spider mites, aphids	Make up to 4 applications per year – at least 5 days apart. Do not apply within 1 day of harvest.	½ to 1¼ fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1¼ fl. oz./1000 sq. ft. per single application.
Eggplant	aphids, spider mites lace bugs	Make up to 4 applications per year – at least 5 days apart. Do not apply within 3 days of harvest.	½ to 1¼ fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1¼ fl. oz./1000 sq. ft. per single application.
Onions	thrips, onion maggots	Make up to 2 applications per year – at least 7 days apart. Do not apply within 3 days of harvest.	½ to 1¼ fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1¼ fl. oz./1000 sq. ft. per single application.
Peppers	aphids, pepper maggots	Make up to 2 applications per year – at least 5 days apart. Do not apply within 3 days of harvest.	½ to 1¼ fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1¼ fl. oz./1000 sq. ft. per single application.
Lettuce	leafhoppers, aphids, cabbage looper	Make up to 2 applications per year – at least 6 days apart. Do not apply within 14 days of harvest.	¾ to 2 fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 2 fl. oz./1000 sq. ft. per single application.
Squash - summer	aphids, spider mites, pickleworm, squash vine borers, cucumber beetles	Make up to 3 applications per year – at least 7 days apart. Do not apply within 1 day of harvest.	½ to 1¼ fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1¼ fl. oz./1000 sq. ft. per single application.
Squash - winter	aphids, spider mites, pickleworm, squash vine borers, cucumber beetles	Make up to 3 applications per year – at least 7 days apart. Do not apply within 1 day of harvest.	½ to 1 fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1 fl. oz./1000 sq. ft. per single application.
Cucumber	aphids, spider mites, cucumber beetles	Make up to 2 applications per year – at least 7 days apart. Do not apply within 1 day of harvest.	½ to 1¼ fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1¼ fl. oz./1000 sq. ft. per single application.
Broccoli, Brussels Sprouts, Cauliflower	aphids, diamond back moth caterpillars	Make up to 2 applications per year – at least 7 days apart. Do not apply within 2 days of harvest.	½ to 1¼ fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1½ fl. oz./1000 sq. ft. per single application.

Cabbage	aphids, diamond back moth caterpillars	Make up to 6 applications per year – at least 7 days apart. Do not apply within 7 days of harvest.	½ to 1½ fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1½ fl. oz./1000 sq. ft. per single application.
Collards	aphids, diamond back moth caterpillars, harlequin cabbage bug	Make up to 3 applications per year – at least 7 days apart. Do not apply within 7 days of harvest.	½ to 1 fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1 fl. oz./1000 sq. ft. per single application.
Kale	aphids, flea beetles	Make up to 3 applications per year – at least 5 days apart. Do not apply within 7 days of harvest.	½ to 1 fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1 fl. oz./1000 sq. ft. per single application.
Turnips	aphids	Make up to 3 applications per year – at least 5 days apart for turnip greens and 7 days apart for turnip roots. Do not apply within 7 days of harvest.	½ to 1½ fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1½ fl. oz./1000 sq. ft. per single application.
Spinach	aphids	Make up to 2 applications per year – at least 7 days apart. Do not apply within 7 days of harvest.	½ to 1 fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1 fl. oz./1000 sq. ft. per single application.
Carrots	aphids, leafhoppers	Make up to 2 applications per year – at least 7 days apart. Do not apply within 7 days of harvest.	½ to 1½ fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1½ fl. oz./1000 sq. ft. per single application.
Beets (garden) Do not apply to sugar beets.	aphids, leafhoppers	Make up to 3 applications per year – at least 7 days apart. Do not apply within 7 days of harvest.	½ to 1½ fl. oz. to cover 1,000 to 3,500 sq. ft.	Do not exceed 1½ fl. oz./1000 sq. ft. per single application.

Ornamental herbaceous plants (Roses, Chrysanthemums, Carnations, Flower Gardens), Ornamental non-flowering plants, Ornamental woody shrubs and vines	aphids, mealybugs, spider mites, whitefly, four-lined plant bug, Japanese beetle, potato leafhopper, tarnished plant bug, thrips, rose leafhoppers, European pine shoot moth, birch leaf miner, boxwood leaf miner, bagworms, tent caterpillar, oak kermes, azalea, pine leaf, magnolia, Fletcher, Florida red, juniper, black, scurfy, Euonymus, oyster shell, monterey pine, soft, pine needle scales, two-spotted mite, millipedes, springtails, sowbugs	Spray thoroughly both top and undersides of leaves until slightly dripping as soon as insects appear. For woody shrubs and vines do not exceed 2 applications per year – at least 10 days apart.	1 to 2½ fl. oz. to cover 1,000 sq. ft.	Do not exceed 2½ fl. oz./1000 sq. ft. per single application.  Injury may occur on ferns, hickory, viburnum, lantana, crassula and canaerti juniper.
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**Outdoor Insects**

For control of ants (excluding Fire Ants, Carpenter ants, Harvester ants, Pharoah ants), and mosquitoes spot treat using 3 – 6 fl. oz. per gallon of water. Apply as a perimeter spray 2 feet wide around the lower outside foundation of the house. Spray individual ant hills thoroughly and mix moist earth in the top of the hill.

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

Manufactured by:  
Bonide Products, Inc.  
6301 Sutliff Road  
Oriskany, NY 13424

[Lot No. added at production]