James Wallace  
The Scotts Company d/b/a The Ortho Group  
P.O. Box 190  
Marysville, OH 43040

Subject: Submission of amended labeling per May 2009 Malathion RED Label Table  
EPA Reg. No. 239-739  
Submissions dated March 5, 2010

Dear Mr. Wallace:

The proposed labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable under FIFRA § 3(c)(5) provided that you submit two copies of your final printed label before you release the product for shipment. Products shipped after 12 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 accordace with FIFRA sec. 6(e).

The Basic Confidential Statement of Formula (CSF) dated 2/19/10 is acceptable. All other CSF’s including Alternates have been superseded by this new CSF. This has been added to your record.

Your product has met and complied with the risk mitigation provisions of the Malathion RED and therefore your product is reregistered pursuant to FIFRA § 4(g)(2)(C). But note, EPA is currently reassessing the cumulative impacts of organophosphates and that review may impact your product once complete.

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.

Regards,

Venus Eagle
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure
ORTHO® MALATHION 50 Insect Spray

Alternate Brand Name(s):
[BASIC SOLUTIONS™ by ORTHO Malathion Insect Killer Ready-To-Spray]
[ORTHO® Mosquito-B-Gon Tree & Shrub Spray Concentrate]
[ORTHO® MAX™ Malathion Insect Spray Concentrate]

[Icon] OUTDOOR USE ONLY

Optional Marketing Claims:
Makes up to an extra 24 gallons of spray Concentrate
Makes up to 96 gallons Diluted Spray [Quart Size]
Kills Listed Insects [Aphids, Whitefly, Mealybugs, Mosquitoes, Red Spider Mite and Scales]
On: Outdoor Ornamentals, Roses, Flowers, Shrubs, Trees, Fruits, Citrus, & Vegetables
Kills Listed Insects on Outdoor Ornamentals, Fruits, Citrus, Vegetables
Plus Kills Mosquitoes
Kills Mosquitoes
Made with Malathion
Kills Mosquitoes and other listed nuisance insects [pests]

For outdoor home use only

ACTIVE INGREDIENT:
Malathion..............................................50%
OTHER INGREDIENTS*..............................50%
*Contains Petroleum Distillate

KEEP OUT OF REACH OF CHILDREN
CAUTION
See back [panel] [booklet] for additional precautionary statements.
NET CONTENTS 1QT / 946 ml; 1 PT/473ml;
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION
Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear protective eye wear (goggles, safety glasses, or face shield), long sleeved shirt, long pants, shoes, and socks. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID

| If swallowed: | Immediately call a poison control center or doctor. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. |
| 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 advice. |
| If in eyes: | 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. |
| If inhaled: | Move person to fresh air. If person is not breathing, call 911 or ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further 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 1-800-225-2883 for emergency medical treatment information.

Note to Physicians: May pose an aspiration pneumonia hazard. Contains petroleum distillate. Emergency Information: Call 1-800-454-2333. Contains petroleum distillate. May pose an aspiration pneumonia hazard. Malathion is a cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition develop, atropine sulfate is antidotal; 2-PAM (PROTOPAM) may also be given in conjunction with atropine but should not be used alone.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to aquatic organisms, including fish and invertebrates. 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. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. This product 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 OR CHEMICAL HAZARDS: Combustible. Do not use or store near heat or open flame.
Kills insects [Pests Controlled]: Aphids, Bagworms, Boxelder Bugs, Black Scale, Purple Scale, Yellow Scale, Florida Red Scale, Cabbage Looper, Codling Moth, Cucumber Beetles, Fourlined leaf bugs, Grape leafhopper, Japanese beetle adults, Lacebugs, Mealybugs, Mosquitoes, Pear psyllid, Red banded leafroller, Strawberry leafroller, Spittlebug, Red Spider Mite, Rose leafhoppers, Spruce mites, Scales, Tent Caterpillar, Tarnished plant bug, Thrips, Whiteflies, Hemlock Woolly Adelgid, and other listed insects /pests. [See complete list inside.]

Easy to apply with an Ortho® Dial ‘N Spray® or tank sprayer.

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

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.
- [Reentry icon] DO NOT ALLOW PEOPLE OR PETS TO ENTER TREATED AREA UNTIL SPRAYS HAVE DRIED.
- Do not use food utensils such as teaspoons and tablespoons for food purposes after use with pesticides.

tsp. = teaspoon
Tbs. = Tablespoon
3 teaspoons (tsp) = 1 Tablespoon (Tbs.) = ½ fl oz

When using Ortho® Dial ‘N Spray®
1. Set dial to the setting indicated in the use directions for your specific application.
2. Pour product into sprayer to fill jar one-quarter to one-half full.
3. After spraying, unused product must be poured back into its original container.

When using a tank sprayer
1. Blend appropriate amount of Ortho® Malathion 50 Insect Spray with appropriate amount of water following the dilution instructions for each site-pest combination listed below.
2. Operate sprayer by following the manufacturer’s instructions. Spray as directed below.
### OUTDOOR ORNAMENTALS

<table>
<thead>
<tr>
<th>TO KILL THESE INSECTS</th>
<th>ON THESE PLANTS</th>
<th>USE THIS AMOUNT</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aphids, Bagworms, Boxelder Bugs, Fourlined Leaf Bugs, Hemlock Woolly Adelgids, Japanese Beetles, Lacebugs, Leafhoppers (rose), Mealybugs, Red Spider Mites, Spruce Mites, Tarnished Plant Bugs, Thrips, Wooly Aphids and Scales (Black, Oyster Shell &amp; Soft Brown)</td>
<td>Roses, Flowers, Camellias, Azaleas, Chrysanthemums &amp; Evergreens (Do not use on Boston, Maidenhair and Pteris ferns, Canaerti Juniper and/or some species of Crassula such as Jade Plant).</td>
<td>Aphids</td>
<td>2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bagworms, boxelder bugs, fourlined leaf bugs, hemlock woolly adelgids, Japanese beetles, Lacebugs, leafhoppers (rose), Mealybugs, red spider mites, spruce mites, tarnished plant bugs, thrips and woolly aphids</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Scales (Black, Oyster Shell &amp; Soft Brown)</td>
<td>2 Tbs. per gallon of water. Ortho® Dial 'N Spray® setting is 2 Tbs.</td>
</tr>
</tbody>
</table>

**HOW TO APPLY**
- Use an Ortho® Dial 'N Spray® or tank sprayer.
- Spray thoroughly covering both upper and lower leaf surfaces and other infested plant parts.

**WHEN TO APPLY**
Apply as necessary, waiting at least 10 days between each application.

### OUTDOOR ORNAMENTALS - USE IN COMBINATION WITH VOLCK® OIL SPRAY

<table>
<thead>
<tr>
<th>TO KILL THESE INSECTS</th>
<th>ON THESE PLANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aphids, Scales (Black, Purple, Yellow, &amp; Florida Red), Thrips &amp; Whiteflies</td>
<td>Gardenias &amp; Ixora</td>
</tr>
</tbody>
</table>

**USE THIS AMOUNT**
2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.

**HOW TO APPLY**
Use an Ortho® Dial 'N Spray® or tank sprayer. Spray thoroughly covering both upper and lower leaf surfaces and other infested plant parts.

**WHEN TO APPLY**
Apply as necessary, waiting at least 10 days between each application.

### COMBINATION SPRAY WITH ROSES

ORTHO® RosePride® Rose and Shrub Disease Control (or other EPA-registered product labeled for control of diseases on Roses) may be mixed with this product when listed insect(s) and disease(s) are found on roses. Follow directions and precautions on both labels.
### FRUITS

**TO KILL THESE INSECTS**

- Aphids, Bud Moths, Codling Moths, Fourlined Leaf Bugs, Japanese Beetles, Leafhoppers (Grape), Leafrollers (Red-Banded, Fruit Tree, & Strawberry), Mealybugs, Pear Psyllids, Plum Curculios, Red Spider Mites, Spittlebugs, Tarnished Plant Bugs, Tent Caterpillars, Thrips, Whiteflies & Woolly Aphids, Scale Crawlers

**ON THESE PLANTS**

- Apricots, Cherries, Grapes, Peaches, Pears & Strawberries. Malathion may cause injury to Bosc Pears and Ribier Grapes.

<table>
<thead>
<tr>
<th>INSECT</th>
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</tr>
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<tbody>
<tr>
<td>Aphids</td>
<td>2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.</td>
</tr>
<tr>
<td>Bud Moths, Codling Moths, Fourlined Leaf Bugs, Japanese Beetles, Leafhoppers (Grape), Leafrollers (Red-Banded, Fruit Tree, &amp; Strawberry), Mealybugs, Pear Psyllids, Plum Curculios, Red Spider Mites, Spittlebugs, Tarnished Plant Bugs, Tent Caterpillars, Thrips, Whiteflies &amp; Woolly Aphids</td>
<td>1 Tbs per gallon of water. Ortho® Dial 'N Spray® setting is 1 Tbs.</td>
</tr>
<tr>
<td>Scale Crawlers</td>
<td>2 Tbs. per gallon of water. Ortho® Dial 'N Spray® setting is 2 Tbs.</td>
</tr>
</tbody>
</table>

**USE THIS AMOUNT**

- Aphids, Scales (Black, Purple, Yellow & Florida Red), Thrips & Whiteflies

**ON THESE PLANTS**

- Mangos and Citrus (Oranges, Tangerines, Grapefruits, Lemons & Limes) Do not apply during full bloom.

<table>
<thead>
<tr>
<th>INSECT</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Aphids, Scales (Black, Purple, Yellow &amp; Florida Red), Thrips &amp; Whiteflies</td>
<td>2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.</td>
</tr>
</tbody>
</table>

**HOW TO APPLY**

- Use an Ortho® Dial 'N Spray® or tank sprayer. Spray thoroughly covering both upper and lower leaf surfaces and other infested plant parts.

**WHEN TO APPLY**

- Apply as necessary to control listed insects; waiting at least 30 days between each application.

**WHEN TO HARVEST**

- Pears & Mangos: Do not apply within 1 day of harvest.
- Cherries, Grapes & Strawberries: Do not apply within 3 days of harvest.
- Apricots & Peaches: Do not apply within 7 days of harvest.
- Citrus: Do not apply within 7 days of harvest.
### FRUITS - USE IN COMBINATION WITH VOLCK® OIL SPRAY

<table>
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<tr>
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<th>HOW TO APPLY</th>
<th>WHEN TO APPLY</th>
<th>WHEN TO HARVEST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aphids, Mealybugs, Red Spider Mites, Scales, Thrips &amp; Whiteflies</td>
<td>Citrus, Avocados, Mangos.</td>
<td>1 Tbs. of each product per gallon of water. Ortho® Dial 'N Spray® setting is 1 Tbs.</td>
<td>Use an Ortho® Dial 'N Spray® or tank sprayer. Spray thoroughly covering both upper and lower leaf surfaces and other infested plant parts.</td>
<td>Apply as necessary to control listed insects; waiting at least 30 days between each application.</td>
<td>Mangos: Do not apply within 1 day of harvest. Avocados &amp; Citrus: Do not apply within 7 days of harvest.</td>
</tr>
</tbody>
</table>

### VEGETABLES & MELONS

<table>
<thead>
<tr>
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<th>ON THESE PLANTS</th>
<th>INSECT</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Beetles (Bean Leaf, Blister, Japanese &amp; Mexican Bean), Cabbage Loopers, Harlequin Bugs, Imported Cabbageworms, Leafminers, Leafhoppers, Leafrollers (Strawberry), Lygus Bugs, Onion Maggots (Flies), Onion Thrips, Pickleworms, Red Spider Mites, Root Weevils (Strawberry), Thrips &amp; Whiteflies</td>
<td>1 Tbs. (3 tsp) per gallon of water. Ortho® Dial 'N Spray® setting is 1 Tbs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cucumber Beetles &amp; Squash Vine Borers</td>
<td>4 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 4 tsp.</td>
</tr>
</tbody>
</table>

**HOW TO APPLY**
- Use an Ortho® Dial 'N Spray® or tank sprayer.
- Spray thoroughly covering both upper and lower leaf surfaces and other infested plant parts.

**WHEN TO APPLY**
- Apply as necessary to control listed insects; waiting at least 7 days between each application.
### WHEN TO HARVEST

<table>
<thead>
<tr>
<th>Plant Group</th>
<th>Timeframe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potatoes</td>
<td>May be applied up to day of harvest.</td>
</tr>
<tr>
<td>Beans*, Cantaloupe*, Cucumbers*, Melons*, Okra, Squash* &amp; Tomatoes</td>
<td>Do not apply within 1 day of harvest.</td>
</tr>
<tr>
<td>Broccoli; Eggplant; Garlic; Leeks; Onions; Peas, Peppers, Pumpkin*; Shallots &amp; Sweet Potatoes</td>
<td>Do not apply within 3 days of harvest.</td>
</tr>
<tr>
<td>Beets**, Brussels Sprouts, Cabbage, Cauliflower, Celery, Collards, Endive, Kale, Mustard Greens, Radish, Rutabagas, Spinach, &amp; Turnips</td>
<td>Do not apply within 7 days of harvest</td>
</tr>
<tr>
<td>Head Lettuce, Leaf Lettuce &amp; Swiss Chard</td>
<td>Do not apply within 14 days of harvest.</td>
</tr>
</tbody>
</table>

*DO NOT USE ON BEAN CROPS USED FOR FORAGE OR HAY.
*DO NOT APPLY UNLESS LEAVES ARE DRY.
**DO NOT USE ON SUGAR BEETS

### NUISANCE INSECT/PESTS – Outdoors Only

**TO KILL THESE INSECTS**
- Clover Mites, Ants (except Fire, Pharoah, Carpenter and Harvester Ants), Crickets, Earwigs, Roaches, Spiders, and Adult Mosquitoes.

**IN THESE AREAS**
- Exterior House Foundation Patios and Garbage Cans; under Porches and Shrubbery; Along Fences; Firewood Piles; and Ornamental Vegetation

**USE THIS AMOUNT**
- Clover Mites: 2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.
- Ants, Crickets, Earwigs, Roaches & Spiders: 8 Tbs. (4 fl oz) per gallon of water. Ortho® Dial 'N Spray® setting is 4 oz.
- Adult Mosquito Control: 9 Tbs. per gallon of water. (use tank sprayer only)

**HOW TO APPLY**
- Use an Ortho® Dial 'N Spray® or tank sprayer.
- Apply as a coarse spray to the lower outside foundation of house, patios and garbage cans; under porches and shrubbery; along fences; to firewood piles; and ornamental vegetation where mosquitoes may rest.
- **Specific directions for Clover Mite**: Spray a 2-ft wide strip along side of house.
- **DO NOT USE INSIDE THE HOME. DO NOT USE ON ANIMALS.**

**WHEN TO APPLY**
- Apply as necessary to control listed insects; waiting at least 7 days between each application.
<table>
<thead>
<tr>
<th>Icon</th>
<th>STORAGE AND DISPOSAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Do not contaminate water, food or feed by storage and disposal.</td>
</tr>
<tr>
<td></td>
<td>PESTICIDE STORAGE: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray. Do not contaminate with other pesticides or fertilizers. This 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).</td>
</tr>
<tr>
<td></td>
<td>PESTICIDE DISPOSAL: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).</td>
</tr>
<tr>
<td></td>
<td>CONTAINER DISPOSAL: If empty: Non-refillable [container]. Do not reuse or refill this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.</td>
</tr>
</tbody>
</table>

NOTICE: To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

The ORTHO® Guarantee
If for any reason you, the consumer, are not satisfied with this product, mail us your original proof of purchase to obtain a full refund of your purchase price.

Questions, Comments or Medical Information call 1-800-225-2883
www.ortho.com

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Manufactured for / Sold by
The ORTHO Group
P.O. Box 190
Marysville, OH 43040
EPA Reg. No. 239-739
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Superscript is first letter of lot number

Made in USA