


239-2685

6/23/2004

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u> x </u> Registration <u> </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 239-2685	Date of Issuance: JUN 23 2004
	Term of Issuance: Conditional	
	Name of Pesticide Product: 0.3% Bifenthrin Liquid Concentrate	
Name and Address of Registrant (include ZIP Code): The Scotts Company d/b/a The ORTHO Group 14111 Scottslawn Road Marysville, OH 43041		
<p>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. 2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> a. Add the phrase "EPA Registration No. 239-2685". b. On page 2, in the WHERE TO USE table, revise "Listed Vegetable and fruit trees" to read "Listed vegetables and fruit trees". c. Also on page 2 in the WHERE TO USE table, delete the site "wood piles". The proper prohibition already appears in the Directions for Use. 		
Signature of Approving Official:		Date: JUN 23 2004

3. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

0.3% Bifenthrin Liquid Concentrate

- Kills Ticks That May Transmit Lyme Disease
- Kills Mosquitoes that May Transmit West Nile Virus
- Provides Residual Control for up to 6 weeks
- Kills aphids, mites, caterpillars, beetles, whiteflies, sod webworms, chinch bugs, mole crickets, ants, fleas, and ticks, mosquitoes
- Broad-spectrum insect control
- Provides fast knockdown
- Protects Lawns
- Fourth Generation Pyrethroid Technology
- 0.3% Bifenthrin Liquid Concentrate kills/controls outdoor insects/pests on contact so you and your family can enjoy a beautiful, lawn and garden.

Active Ingredient
 Bifenthrin* 0.3%
 Other Ingredients 99.7%

**ACCEPTED
 with COMMENTS
 in EPA Letter Dated**

JUN 23 2004

*Cis isomers 97% minimum, trans isomers 3% maximum
 US Patent No. 4,238,505

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.
239-2685

For Residential Outdoor Use Only

KEEP OUT OF REACH OF CHILDREN

CAUTION See back panel booklet for additional precautionary statements.

NET 32 FL OZ (1 QT) 946 mL

OPEN

**Resealable Label
 for Directions &
 Precautions**

PRESS TO RESEAL [Placed on base of label.]

Product Facts	
KILLS INSECTS/ Pests	Ants (including carpenter ant, and argentine ant), aphids, caterpillars, chinch bugs, fleas, mole crickets, mosquitoes, ticks, whiteflies and other listed lawn & garden insects/pests.

WHERE TO USE	- Roses and other ornamentals - Listed Vegetable and fruit trees - Lawns - Around house foundations, porches, patios, wood piles and stored lumber
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AMOUNT TO USE	<ul style="list-style-type: none"> • Roses, ornamentals, melons and fruit trees: Mix 3 TBS (1.5 oz) per gallon of water • Lawns and Vegetables: Mix 3 TBS (1.5 oz) per gallon of water sprayed to cover 125 sq. ft. • Around house foundations: Mix 3 TBS (1.5 oz) per gallon of water sprayed to cover 64 sq. ft.
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[phone icon]	Questions, Comments or Medical Information call 1-800-225-2883	www.ortho.com
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Specially formulated for residential use.
DO NOT USE INSIDE DWELLINGS

DIRECTIONS FOR USE

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

1 Tablespoon (Tbs)=3 teaspoons (tsp) 1 fl oz = 2 Tbs 4 fl oz = 1/2 cup

Food utensils such as spoons and measuring cups must not be used for food purposes after use with pesticides.

SHAKE WELL

ROSES, FLOWERS, SHRUBS, & SMALL TREES

Aphids, armyworms, bagworms, black vine weevil, fall webworm, flea beetle, gypsy moth, hornets, lacebug, leafhopper, mites (clover and spruce), mosquitoes, plantbug, sawfly, spittlebug, and wasp.

MIXING INSTRUCTIONS for Insects/Pests on Roses, Flowers, Shrubs & Small Non-Fruit Bearing Trees

AMOUNT TO USE

When using a tank sprayer

- 1.5 fl oz per gallon of water

When using the Ortho® Dial N Spray®

1. Set dial to 1.5 fl oz.
2. Pour product into jar to full or one-half full
3. DO NOT add water.
4. Attach hose to the sprayer.
5. Spray evenly on plants.
6. Pour unused product back into its original container.

When using the Tree & Shrub Spray-ette

1. Add 1.5 fl. oz. to the sprayer jar.
2. Fill jar with water to the 1 gallon mark.
3. Attach jar to sprayer head and shake well
4. Attach sprayer to the hose, turn on water, and spray.

HOW TO APPLY

- Spray to uniformly cover upper and lower leaf surfaces, stems, and branches. When treating potted plants also lightly spray the soil surface.
- Spray when air is calm to avoid drift. Apply as necessary, waiting 7 to 14 days between each application. Hard to control insects/pests may require 2 to 3 applications.
- If temperature is expected to exceed 85 °F, spray in early morning or late afternoon when it is cooler.
- Mosquitoes coming to rest on treated areas will be killed for varying periods of time after application, depending on exposure of treated areas to weathering conditions.

HOME VEGETABLE GARDENS, MELONS and/& FRUIT TREES

Aphids, armyworms, bagworms, cutworms, fall webworm, flea beetle, lacebug, leafhopper, mites (clover and spruce), and plantbug

MIXING INSTRUCTIONS for Insects/pests on Listed Vegetables, Melons and/& Fruit Trees

AMOUNT TO USE

When using a tank sprayer

- 1.5 fl oz per gallon of water to be sprayed over 125 sq.ft.

When using the Ortho® Dial N Spray®

1. Set dial to 1.5 fl oz.
2. Add 6 fl oz to sprayer jar.
3. **DO NOT** add water.
4. Attach hose to the sprayer.
5. Spray evenly over 500 sq ft until jar is empty.

When using the Tree & Shrub Spray-ette for Fruit Trees

1. Add 1.5 oz. to the sprayer jar.
2. Fill jar with water to the 1 gallon mark.
3. Attach jar to sprayer head and shake well
4. Attach sprayer to the hose, turn on water, and spray.

VEGETABLES AND FRUITS	DAYS TO WAIT
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	TO HARVEST
Tomatoes, Strawberries, Citrus, Corn (sweet)	1
Caneberries, Raspberries, Succulent peas and beans, Cucurbits (cucumber, gourds, muskmelon, pumpkin, squash, watermelon),	3
Artichoke	5
Brassicas (broccoli, Chinese broccoli, cabbage, cauliflower, kohlrabi, Chinese mustard), Eggplant, Head lettuce, Peppers (bell and non-bell), Walnut	7
Pears	14
Pecans	21

HOW TO APPLY

- Apply as a thorough spray, wetting leaves and branches, but do not let runoff occur.
- Be sure to follow important limitations for the specific edible plant you are spraying, including the amount of spray which can be applied, the interval between sprays, and the days to wait before harvest.

WHEN TO APPLY

- Apply when insects/pests first appear
- Re-apply as necessary to maintain control waiting at least 7 days between each application.

AROUND HOUSE FOUNDATIONS, PORCHES, PATIOS, STORED LUMBER

DO NOT TREAT FIREWOOD

Ants (Including Carpenter ant, lasius, Argentine), centipedes, crickets, earwigs, millipedes and ticks (American, deer tick, brown dog tick)

MIXING INSTRUCTIONS for Insects/pests Around House Foundations, porches, patios, wood piles and stored lumber
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AMOUNT TO USE
When using a tank sprayer

- 1.5 fl oz (3 Tbs) per gallon of water to be sprayed over 32 linear feet (125 sq. ft.)

When using the Ortho® Dial N Spray®

1. Set dial to 1.5 fl oz.
2. Add 6 fl oz to sprayer jar.
3. **DO NOT** add water.
4. Attach hose to the sprayer.
5. Spray evenly over 500 sq ft until jar is empty.

HOW TO APPLY

- **Tough to Control Insects/Pests:** To control carpenter ants spray 1.5 fl oz. per gallon evenly over 65 sq.ft.
- To keep insects/pests from entering the house, use a hose-end or tank sprayer to spray a 2 foot band of soil around the house next to the foundation. Also spray the foundation of the house to a height of 2 feet.
- Repeat application every 14 days if necessary.

LAWN INSECTS/PESTS

Ants (including carpenter and Argentine), Armyworms, black turf ataenius, chinch bugs, crickets, cutworms, fleas, greenbugs (aphids), mole crickets, mosquitoes, sod webworms, weevils (including billbugs and annual bluegrass)

MIXING INSTRUCTIONS for Lawn Insects/Pests

AMOUNT TO USE
When using a tank sprayer
 1.5 fl oz (3 Tbs) per gallon of water to be sprayed over 125 sq. ft.

When using the Ortho® Dial 'n Spray®

1. Set dial to 1.5 fl oz.
2. Add 6 fl oz to sprayer jar.
3. **DO NOT** add water.
4. Attach hose to the sprayer.
5. Spray evenly over 500 sq. ft until jar is empty.

HOW TO APPLY

- Measure lawn. Calculate square feet by multiplying length times width. *[walking man icon]*
- Spray evenly over measured area. Treat entire lawn.
- **Tough to Control Insects/pests:** To control carpenter ants spray 1.5 fl oz. per gallon evenly over 65 sq.ft.

- Mosquitoes coming to rest on treated areas will be killed for varying periods of time after application, depending on exposure of treated areas to weathering conditions.

WHEN TO MOW & WATER

- Apply to lawn that was mowed and watered within the last 24 hours.
- For mole cricket control, water thoroughly after application.

WHEN TO RE-APPLY

- Wait 4 to 6 weeks between applications.

Directions for Hose End Sprayer Applicator

0.3% Bifenthrin Liquid Concentrate is a broad spectrum insecticide that quickly kills insects/pests that damage roses, flowers, shrubs, fruit trees, vegetable gardens and lawns. By spraying around the house foundation, It also can be used as a protective barrier to keep insects/pests coming into the house. Easy to use Ready-Spray System makes the application, fast, easy and convenient.

WHERE TO APPLY

Roses, flowers, shrubs, listed vegetables and fruit trees, lawns, and around the house foundations (perimeter treatment)

HOW TO APPLY

- Roses, ornamentals, listed vegetables and fruit trees: 1.5 fl. oz. of product per gallon of water. Apply as thorough spray, but do not allow runoff to occur. Try to hit underside of leaves and penetrate dense foliage.
- Lawns: 1.5 fl. oz of product per gallon of water over 125 sq. ft.
- Around House Foundations: 1.5 fl. oz. of product per gallon of water over 64 sq. ft.

HOW TO USE THE Hose End Ready-Spray® SYSTEM	
CONNECT	<ol style="list-style-type: none"> 1. Shake well before using. 2. Connect sprayer to hose. 3. Turn on water.
SPRAY	<ol style="list-style-type: none"> 1. Extend the hose to the farthest point in the lawn or garden away from the water faucet. This will minimize walking on the treated area. 2. To begin spraying, point nozzle in the direction you want to spray. 3. Bend small plastic tab back and turn knob clockwise to ON position. 4. Spray as directed in the "HOW TO APPLY" instructions for each use.
FINISH	<ol style="list-style-type: none"> 1. To stop spraying, bend small yellow plastic tab back and turn knob counter-clockwise to OFF position. 2. Turn off water. 3. Relieve water pressure by bending the plastic tab back and turning knob to ON position until water slows to a drip. Then, turn knob back to OFF position. 4. Disconnect sprayer from hose.

STORAGE & DISPOSAL

STORAGE: Keep from freezing. Keep pesticide in original container. Do not put into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area.

DISPOSAL: **If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

[RE-ENTRY] People and pets may enter treated areas after spray has dried.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION:

Do not apply this product to humans or animals

FIRST AID

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Note to Physician: Emergency Information call 1-800-225-2883.

ENVIRONMENTAL HAZARDS: This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Care should be used when spraying to avoid fish and reptile pets in/around ornamental ponds.

This product is highly toxic to bees exposed to direct treatment or residues on blooming **plants**. Do not apply this product or allow it to drift to blooming **plants** if bees are visiting the treatment areas.

PHYSICAL OR CHEMICAL HAZARDS: Do not apply this product in or on electrical equipment due to the possibility of shock hazard.

NOTICE: Buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

Questions, Comments or Medical Information?

Call: 1-800-225-2883 www.ortho.com

Manufactured for
 The ORTHO Group
 P.O. Box 190
 Marysville, OH 43040
 EPA Reg. No. 239-NEW
 EPA Est. No. 239-XXX
 Made in USA