

239-2683

04/22/2002

1/12



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (HT-111)  
401 M' ST., S.W.  
Washington, D.C. 20460

EPA Reg. Number  
239-2683

Date of Issuance  
APR 22 2002

Term of Issuance  
Unconditional

Name of Pesticide Product  
ORTHO<sup>®</sup> Home Pest Insect  
Killer

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

The Scotts Company d/b/a The Ortho Group  
14111 Scottslawn Rd.  
Marysville, OH 43041

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.

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

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.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3).

1. Make the following labeling changes:
  - a. Revise the EPA Registration Number to read "EPA Reg. No. 239-2683"
  - b. In the "Pests Controlled" column of the table on page 3, add a footnote reference for Foraging Fire Ants. The footnote should read "Aids in control." You should include this same footnote for Foraging Fire Ants under "Nuisance Pests Outdoors" which begins at the bottom of page 4.
  - c. Delete the instruction to "Repeat as needed" or revise it to specify a re-treatment interval consistent with supporting product performance data. The statement appears in two places: (1) item II under "Nuisance Pests Outdoors"; and (2) in the Label Subset A optional directions for "Outdoor" use (in the paragraph "How to Apply").

Signature of Approving Official:

Date:

April 22, 2002

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EPA Reg. No. 239-2683

- d. The claims listed in Appendix 1 which begin "New/Now" and the claim "Revolutionary new applicator" may appear on the label during the first 6-month marketing period only. After that time, they must be deleted.
- 2. Please submit two (2) copies of your final printed label before you release the product for shipment. Please refer to the A-79 enclosure for a further description of final printed labeling.

A stamped copy of the label is enclosed for your records. If you have any questions regarding this action, please contact Susan Stanton of my team at (703) 305-5218.

Sincerely,

George T. LaRocca  
Product Manager (13)  
Insecticide Branch  
Registration Division (7505C)

Enclosures

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ORTHO®  
Home Pest Insect Killer, EPA Reg. No. 239-NEW

[ICON] For Residential Indoor and Outdoor Use Only  
[ICON] Water Based

(FRONT PANEL PNS required language): **DO NOT UNSCREW CAP. DO NOT REFILL CONTAINER.**

Active Ingredient	
Bifenthrin* .....	0.025%
Other Ingredients .....	99.975%

\*Cis isomers 97% minimum, trans isomers 3% maximum

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION** See back panel booklet for additional precautionary statements.

NET 24 FL OZ (1 PT 8 FL OZ) 709 mL  
1/2 GAL / 1.89 L  
1 GAL / 3.78L  
1.33 GAL/5 L/170 FL OZ  
1.58 GAL/6 L /202 FL OZ

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**  
**APR 22 2002**  
**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
239-2683**

PEEL HERE

OPEN RESEALABLE LABEL  
FOR DIRECTIONS & PRECAUTIONS

PRESS TO RESEAL

**DIRECTIONS FOR USE**

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

-----**Option 1 QUICK CONNECT SPRAYER**-----

1/2, 1 and 1.58 gallon sizes:

QUICK CONNECT SPRAYER (illustrations)

- Remove sprayer. Pull cord ALL THE WAY OUT.
- Insert red plug into spout (on cap) until it clicks.
- Flip up spout. Open nozzle at end of sprayer.

-----**End of Option 1**-----

-----**OPTION 2 (PNS II/ PULL 'N SPRAY II/SPRAYMASTER)**-----

**Illustration # 1**

- Remove sprayer from side carrier and hose completely.
- Insert (color of plug) plug at end of hose into (color of spout) spout on cap until it clicks.
- Flip up spout.

**Illustration #2**

- Point sprayer away from body.
- Grasp sprayer by the handle.
- Slowly pull ring at bottom of sprayer handle until it stops to ready the sprayer.

**Illustration #3**

- Twist nozzle at end of sprayer to adjust spray pattern.

**Illustration #4**

- Press and hold button on sprayer to begin spraying.
- Pull ring at sprayer bottom again as needed to continue spraying.

-----END OF OPTION 2 -----  
 -----OPTION 3 PULL N SPRAY-----

[wand sticker]

**IMPORTANT!** Follow directions and illustrations on back to assemble and use Pull 'N spray correctly.

[shoulder sticker] [illustration]

- [illustration] 1. Detach yellow wand and pull plug and tubing from bottom of wand. Insert plug firmly into "T-handle" until it clicks. **ONCE CONNECTED, PLUG CANNOT BE REMOVED WITHOUT DAMAGING "T-HANDLE."**
- [illustration] 2. Slide white strip on cap, than grab "t-handle" and pull all the way up. **JUST PULL UP – NO NEED TO PUMP.**
- [illustration] 3. Point wand at area to be treated and push button to begin spraying. Twist nozzle at end of wand to adjust spray pattern.
- [illustration] 4. Pull "T-handle" again as needed to continue spraying. **JUST PULL UP – NO NEED TO PUMP.** When finished, push "T-handle" gently down to cap and follow storage instructions.

-----End of Option 3-----

INDOOR & OUTDOOR HOME SURFACES [Icon]: house & tree	PESTS CONTROLLED
Floors/Floor Coverings (rugs, carpets, tile, vinyl & wood) & Baseboards Cracks & Crevices in Walls Beneath & Behind Refrigerators, Stoves, Sinks, & Cabinets Around Plumbing In Cupboards/Pantries In Garages, Basements or Attics Garbage Cans Window Frames & Doorways Surfaces around light fixtures Porches & Patios Eaves, Exterior Siding & Foundations Storage sheds	Ants (including Carpenter Ants, Harvester Ants, Foraging Fire Ants, Pharoah (Sugar), Pavement, Odorous Pyramid & Argentine), Armyworms, Carpet Beetles, Centipedes, Chiggers, Chinch Bugs, Crickets, Cutworms, Dichondra Flea Beetles, Earwigs, European Craneflies, Firebrat, Fleas, Flies (including Houseflies), Grasshoppers, Hornets, Japanese Beetles, Millipedes, Mites (including Two-spotted, Tropical, Russet, Clover and Red Spider Mites), Mole Crickets, Mosquitoes, Moths, Roaches (including German, Brown Banded, Smoky Brown, and American Cockroaches), Scorpions, Silverfish, Sod Webworms, Sowbugs (Pillbugs), Spiders (including Black Widow & Brown Recluse), Springtails, Ticks (including Brown Dog Ticks), and Wasps

**BEFORE YOU APPLY:****PLEASE NOTE:**

Exposed food (including pet food) must be covered or removed during application. All food processing surfaces and utensils must be covered during application and thoroughly washed with soap and water before reuse. Do not allow this product to contact water supplies.

**HOW TO APPLY: [TRIGGER SPRAYER/QUICK CONNECT SRAYER, PNS II/PULL 'N SPRAY II/SPRAYMASTER, PULL 'N SPRAY [Icon]]**

**Option 1 [For TRIGGER SPRAYER/QUICK CONNECT SRAYER]**

Shake well before use. Adjust spray nozzle to deliver a stream for cracks and crevices or a coarse spray for other areas. Hold sprayer 12 inches from the insect or surface being sprayed. Use only for spot treatment. [Do not spray into the air]. Spray until Slightly wet without soaking.

### Option 2 [For PNS II/PULL 'N SPRAY II/ SPRAYMASTER]

(Follow instructions (and illustrations) above). Point sprayer away from body. Rotate/turn sprayer nozzle to adjust spray pattern. Hold sprayer 12 inches from the insect or surface being sprayed. (Press button and) spray until slightly wet without soaking. Pull back on loop at base of handle again as needed to continue spraying. Use only for spot treatment. Do not spray into the air.

### Option 3 [For Pull 'N Spray]

Adjust nozzle on wand to deliver a narrow or wide spray. Pull up on handle – DO NOT PUMP. Follow illustrations and instructions above. Point wand at area to be treated and push button to begin spraying. Twist nozzle at end of wand to adjust spray pattern. Pull "T-handle" again as needed to continue spraying. **JUST PULL UP – NO NEED TO PUMP.** Hold wand 12 inches from the insect or surface being sprayed. Use only for spot treatment. Do not spray into the air. Spray until slightly wet without soaking.

### **Nuisance Pests Indoors**

*Roaches plus Ants (including harvester Ants), Crickets, Earwigs, Firebrats, Fleas, Flies, (including Houseflies), Mosquitoes, Moths, Silverfish, Scorpions, Spiders (including Black Widow & Brown Recluse,) & Ticks (including Brown Dog Ticks).*

I. **Spray** ✓dark corners of rooms & closets, ✓cracks & crevices in walls, ✓along baseboards, ✓beneath & behind refrigerators, stoves, sinks & cabinets, ✓around plumbing, ✓around doors & window frames, ✓ in garages, basements & attics.

#### **Fleas & Ticks (Including Brown Dog Ticks)**

II. **Spot treat** infested areas such as ✓ pet resting quarters and ✓localized areas of floors/floor coverings (rugs, carpet, tile, vinyl & wood) where pests may be present.

III. Old bedding of pets should be removed and replaced with clean fresh bedding after treatment of the pet area. **DO NOT TREAT PETS WITH THIS PRODUCT.** To control the source of flea infestation, pets inhabiting the treated premises should themselves be treated with a product registered for application to animals.

#### **Ants**

Apply directly to ants and [ant] trails.

#### **Pantry Pests**

(Roaches, including German, Brown Banded, Smoky Brown and American Cockroaches)

- Remove all items from cabinets/pantries, and clean cabinets/pantries thoroughly.
- Spray cracks and crevices along shelves in cabinets/pantries.
- Replace non-infested items after spray has dried.

### **Nuisance Pests Outdoors**

*Ants (including Carpenter Ants, Pharoah (Sugar), Pavement, Odorous Pyramid, Argentine, Foraging Fire Ants & Harvester Ants), Armyworms, Centipedes, Chiggers,*

Chinch Bugs, Crickets, Cutworms, Earwigs, European Craneflies, Fleas, Flies (including Houseflies), Grasshoppers, Hornets, Japanese Beetles, Millipedes, Mites (including Two-spotted, Tropical, Russet, Clover and Red Spider Mites), Mole Crickets, Mosquitoes, Moths, Roaches (including German, Brown Banded, Smoky Brown and American Cockroaches), Scorpions, Silverfish, Sod Webworms, Sowbugs (Pillbugs), Spiders (including Black Widow & Brown Recluse), Springtails, Ticks (including Brown Dog Ticks) and Wasps.

- I. **Spray** ✓garbage cans & garbage areas, ✓window frames & doorways, ✓surfaces around light fixtures, ✓porches & patios, ✓eaves, ✓exterior siding, ✓foundations, ✓and localized infestations in weeds or around ornamental plants.
- II. Repeat as needed.

[Re-entry icon] People and pets may enter treated areas after spray has dried.

**STORAGE AND DISPOSAL**[Illustration]

[Icon]: Garbage Can

**Option 1 [For TRIGGER SPRAYER (24 oz size)]**

**STORAGE:** Rotate nozzle to closed position. Close nozzle on trigger sprayer. Store product in original container in a safe place. Keep from freezing.

**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.

**Option 2 [For Quick Connect Sprayer (1/2, 1 & 1.58 gallon sizes)]:**

**STORAGE:** Flip down spout to close. **NO NEED TO DISCONNECT TRIGGER SPRAYER.** Close nozzle on trigger sprayer. Snap sprayer back in place. Store product in original container in a safe place. Keep from freezing.

**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.

**Option 3 [For PNS II/PULL 'N SPRAY II/SPRAYMASTER (1.33 GAL)]**

**STORAGE:** Completely discharge/dispense product in sprayer prior to storage. Twist sprayer nozzle to the OFF position. Flip down (color of spout) spout on cap. **NO NEED TO DISCONNECT SPRAYER HOSE FROM CAP.** Place sprayer back in side carrier on bottle with the nozzle facing down. Store this product in its original container, in a secure area. Protect container from freezing.

**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.

**Option 4 [For Pull 'N Spray]**

**STORAGE:** To store, push "T-handle" gently down to cap. Slide white strip on cap back to closed position. **LEAVE WAND PLUG CONNECTED TO "T-HANDLE."** Snap wand back into place on side of container. Store this product in its original container, in a secure area. Protect container from freezing.

**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.

**PRECAUTIONARY STATEMENTS [Icon]: Exclamation Point  
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling

**FIRST AID: 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 area.

**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](http://www.ortho.com)

Manufactured for  
The Ortho Group  
P.O. Box 1749  
Columbus, OH 43216  
EPA Reg. No. 239-2663  
EPA Est. 239-IA-3<sup>1</sup>, 56100-LAI<sup>G</sup>

Superscript is first letter of lot number  
Made in USA

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## APPENDIX 1

Ready to Use  
No Mixing Necessary  
Easy to Use  
New/Now/4 Month Control  
New/Now/Up To 4 Months Control  
New/Now /4 Month Insect Control  
Quick Knockdown and 4 Months Control  
New/Now/6-Month Ant Control  
Up To 4 Months Ant Control  
New/Now/4 Month Roach Control  
New/Now Up To 4 Months Roach Control  
New/Now up to 16 Weeks Roach Control  
New/Now Kills Roaches for up to 16 Weeks  
Kills Insects, Spiders & Ticks  
Kills Roaches, Ants, Fleas, Ticks, Spiders, Earwigs, Silverfish, and other listed insects.  
Kills Home Invading Pests / Insects  
Broad-Spectrum  
Also Controls [Kills] Ticks  
Fast Acting plus Long Residual  
Quick Knockdown plus Extended Residual Control  
Kills on Contact  
Non-Staining  
No Stains  
Does Not Stain  
No Sticky Mess  
Virtually Odor Free  
No Lingering Odor  
The easy way to spray  
The easier way [to spray], [ to kill bugs], [to kill insects]  
No (More) Hand Fatigue  
No more squeeze, squeeze, squeeze  
No constant pumping  
33% more than 1 gallon size  
Precise control for maximum accuracy  
Consistent spray for maximum accuracy  
No more tired hands  
Revolutionary new applicator (6 month claim)  
Change the way you spray  
Ideal for large or small jobs (areas)  
Great for large or small jobs (areas)  
Precise control – sprays only what you want  
Adjustable spray nozzle for maximum control  
Adjustable spray pattern for maximum control

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You're always ready to spray  
It's always ready to spray  
Targets bugs in tight places  
Save time and energy  
Saves time and energy  
One pull = 34 trigger sprays  
One pull delivers 34 trigger sprays  
One push of the button = 34 trigger sprays  
SprayMaster

Kills bugs inside. Keeps bugs out(side)  
Use [Can be used] in garages [s] and/or basement [s] and/or attic [s].  
Use with confidence in garage [s] and/or basement [s] and/or attic [s].  
Use in garage [s] and/or basement [s] and/or attic [s] to keep bugs/insects from coming into [entering] the [your] home.

**PNS/NEW PNS II/PULL 'N SPRAY II/SPRAYMASTER™/1.33 GAL SIZE Now! 33%**

More than 1 Gal Size  
Adjustable Sprayer  
No hand fatigue!  
No Pumping. Just Pull!  
Continuous, Adjustable Spray

**NOW! No Hand Fatigue with PNS II/Pull 'N Spray II/SprayMaster™**

**PNS/PNS II/PULL 'N SPRAY II/SPRAYMASTER™**

ORTHO Home Pest Insect Killer in the patented PNS/PNS II/Pull 'N Spray II/SprayMaster™ Delivery system is the fast and easy way to kill pests and create a barrier around your home. It gives all the advantages of a trigger sprayer without tiring out your hand.

**LABEL SUBSET A (To be used for private label)**

**BRANDNAME [logo]**

**Controls:** Ants, Pharaoh ants, Carpet Beetles, Crickets, Earwigs, Firebrats, Fleas, Flies, Mites (including Red Spider Mites), Mosquitoes, Moths, Roaches, Silverfish, Spiders (including Black Widow Spiders), Ticks and other listed pests.

**DIRECTIONS FOR USE**

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

**BEFORE YOU APPLY:**

**PLEASE NOTE:**

Exposed food (including pet food) must be covered or removed during application. All food processing surfaces and utensils must be covered during application and thoroughly washed with soap and water before reuse. Do not allow this product to contact water supplies.

**INDOORS**

**Apply as a coarse spray to localized areas to Control:** Ants, Pharaoh ants, Carpet Beetles, Crickets, Earwigs, Firebrats, Fleas, Flies, Mites (including Red Spider Mites), Mosquitoes, Moths, Roaches, Silverfish, Spiders (including Black Widow Spiders) and Ticks.

**WHERE TO USE**

Spray dark corners of rooms and closets, cracks and crevices in walls, along baseboards, beneath and behind sinks, stoves, refrigerators and cabinets, around plumbing and other utility installations, around doors, windows and wherever these pests may find entrance.

**Fleas and Ticks:** Thoroughly apply as a coarse spray for spot treatment to infested areas such as pet beds and resting quarters and localized areas of floor coverings where pests may be present. Old bedding of pest should be removed and replaced with clean, fresh bedding after treatment of the pet area.

**DO NOT TREAT PETS WITH THIS PRODUCT.** To control the source of Flea infestation, pets inhabiting the treated premises should themselves be treated with a product registered for application to animals.

**For Pest Control on Outside Surfaces and Around Buildings:** Apply as a coarse spray to outside surfaces of residential buildings, including, but not limited to, exterior siding, foundations, porches, window frames, eaves, patios, residential lawns.

**Controls:** Ants (including Carpenter Ants and Foraging Fire Ants\*), Armyworms, Centipedes, Chiggers, Chinch Bugs, Crickets (including Mole Crickets), Cutworms, Dichondra Flea Beetles, Earwigs, European Craneflies, Fleas, Flies, Grasshoppers, Hornets, Japanese Beetles, Millipedes, Mites (including Two-Spotted), Mosquitoes, Moths, Roaches, Sod Webworms, Spiders (including Black Widow, Brown Recluse), Springtails, Ticks (including Brown Dog Ticks) and Wasps.

\*aids in control

**HOW TO USE**

Apply as a coarse spray to outside surfaces of doorways, window frames or wherever pests may enter buildings. Also treat surfaces around light fixtures, porches, in garages and other places where insects are seen. Thoroughly spray localized infestations in weeds or bushy non-crop areas.

Repeat as needed.

**To Attach Sprayer:**

- Remove cap from container and replace with sprayer hose and cap assembly. Tighten securely.

[art showing hand turning nozzle]

[art showing hand spraying trigger, with spray coming out]

[art showing sprayer hose in a transparent bucket filled with water, with hand spraying water back into bucket to flush it]

**To Use Sprayer**

- Turn sprayer nozzle one-half turn counterclockwise. Hold sprayer below the level of container and prime by pumping trigger 10-15 times until product is dispensed. Adjust nozzle to coarse spray.
- After each use, thoroughly flush sprayer and hose with water. Return hose and cap assembly to container, tighten securely. Turn nozzle to "OFF" position, and store above level of liquid in container to prevent leakage.

[art showing hands using pin to clean nozzle on sprayer]

[art showing hands using pin to clean nozzle with nozzle separate from sprayer]

NOTE: If sprayer does not function properly, remove nozzle cover and check nozzle hole and holes in rubber component for obstructions. Check to make sure nozzle is not in "OFF" position. Replace nozzle cover, return sprayer assembly to container and proceed.

[re-entry icon] People and pets may enter treated areas after spray has dried.

**STORAGE AND DISPOSAL [trash can icon]**

[storage illustration]

**STORAGE:** Store product in original container in a safe place. Keep from freezing.

**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.