

239-2693

5-12-2005

1/7



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MAY 12 2005

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

Subject: Submission of Alternate CSF and Revisions to the Use Directions
ORTHO 0.1% Deltamethrin Granule
EPA Reg. No. 239-2693
Your Letter Dated November 19, 2004


Dear Mr. Levey:

We have no objection to the use of the alternate formulation (dated 10/29/2004) requested in your letter of the above date. The confidential statement of formula has been inserted in the file for the subject product.

The labeling referred to above, submitted in connection with registration under Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below.

1. Replace "Wash thoroughly with soap and water after handling" with "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco" in the *Precautionary Statements*.
2. Upon completion submit to the Agency the required storage stability and corrosion characteristics study.

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

Sincerely,

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

2/7

ORTHO 0.1% Deltamethrin Granule

- **Kills the Fire Ant Queen and Workers!**
- **Provides Residual Control for up to 4 Weeks**
- **Treats up to 4,000 Sq Ft or 120 Mounds**

ACTIVE INGREDIENTS:

Deltamethrin..... .0.1%
 OTHER INGREDIENTS..... .99.9%
 TOTAL..... 100.0%

CAS No. 52918-63-5

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back of bag for additional precautionary statements

NET 8 LB / 3.62kg

**ACCEPTED
 with COMMENTS
 In EPA Letter Dated**

MAY 12 2005

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

239-2693

PRODUCT FACTS	
KILLS INSECTS	Fire Ants
WHERE TO USE	On residential lawns, flowers, shrubs and ornamental plant beds
AMOUNT TO USE	Broadcast Application – 2 to 3 pounds per 1,000 sq. ft. Mound Application – Apply 1/4 cup over each 8” to 10” diameter mound and up to 2 feet around to prevent escape of the queen.

**[phone icon] Questions, Comments or Medical Information
 call 1-888.736.7645 www.ortho.com/basics**

DIRECTIONS FOR USE

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

Not for use in commercial greenhouses, nurseries, on sod farms or grass grown for seed. Food utensils such as spoons and measuring cups must not be used for food purposes after use in measuring pesticides.

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL
 PRECAUTIONARY STATEMENTS AND DIRECTIONS.**

HOW TO APPLY

Overall Lawn treatment for Grass and Dichondra Lawns

To Control: Ants, Armyworms (inc. Fall, Yellow-Striped, etc.), Bermudagrass Mites, Billbugs (adult), Boxelder bugs, Centipedes, Chiggers, Chinch Bugs, Clover Mites, Cockroaches, Crickets, Cutworms, Darkling Ground Beetles, Digger Wasps, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Fire Ants, Flea Beetle (adult), Lawn Moths, Leafhoppers, Adult Mealybugs, Scorpions, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders, Spittlebugs, Springtails, Vegetable Weevils (in Dichondra)

Apply this product uniformly to home lawns, under shrubbery and other ornamental recreational turf grass areas using any hand or powered gravity or rotary spreader designed for the application of granular materials. Treat when insect first appear using granules at the rate of 2 to 3 pounds per 1,000 sq. ft. For heavy lawns such as St. Augustine grass, use 3 pounds per 1,000 sq. ft. See spreader setting chart below. Immediately after application, water the lawn thoroughly with a half-inch of water.

European Crane fly Larvae (Leatherjackets) – The best time to apply is in early April when the insects are young.

Chinch Bugs – Start treatments when temperatures reach 80°F or above. A second application may be necessary in 6 weeks if insect activity continues.

Flea and Tick Control (Outdoors) – In summer months, fleas and ticks frequently become established in lawns and pet resting areas surrounding the home. For best control of Fleas and Ticks (including but not limited to Bear Tick, Black-legged Tick, Brown Dog Tick, Deer Tick, Lone Star Tick, Western Black-legged Tick, Wood Tick), a regular treatment program should be followed. Treat once a month as directed above when pests first appear in late spring (May-June) and continue until late summer (September-October). Fall temperatures below 50°F decrease pest activity. Eliminating weeds around the home and mowing lawns frequently reduces the hiding places for these pests. Pets and their kennels or bedding areas should be treated with a registered product. If these areas are not treated they could serve as a source of reinfestation to the entire premises.

Sod Webworms (Crambus spp) – Sod Webworms are the light brown caterpillars ¼ to ¾ inch long that hide in the grass during the day and feed on the grass blades at night. Adult Webworms usually referred to as Lawn Moths (about 1 inch in length with long snout) emerge from the grass at dusk. They fly over the lawn laying eggs that hatch into destructive caterpillars. Damage appears first as small brown spots which, if not treated, may rapidly develop into large brown areas of severely damaged or dead grass. If Lawn

4/7

Moths (Sod Webworm Adults) are noticed in large numbers at dusk, or at first sign of damage to lawn, treat entire lawn evenly following Overall Lawn Treatment Directions.

Band (Perimeter) Treatment Around House Foundation - To help prevent infestation of buildings by Ants, Boxelder Bugs, Brown Dog Ticks, Centipedes, Cockroaches, Clover Mites, Crickets, Field Crickets, Fleas, Scorpions, Sowbugs, Spiders, Springtails (Collembola), and Ticks treat a band 5 to 10 feet wide around and adjacent to the building where pests are active and may find entrance. Treat at a rate of 1 to 1 1/2 pounds per 500 sq. ft. or 2 to 3 pounds per 1,000 sq. ft. under shrubbery. Use the same dosage recommended for control of these pests in lawns. Water thoroughly with 1/2 inch of water.

Retreat after 4 weeks if reinfestation occurs.

SPREADER SETTINGS Spreader Make and Model	Setting to Deliver	
	2#1000ft ²	3#1000ft ²
Scotts Drop Spreaders	X	X
Scotts Easygreen Rotary	X	X
Republic Ez Drop	X	X
Cyclone Model B1 Rotary	X	X
Sears Craftsman Broadcast	X	X

Note: Spreader settings given are approximate and variation can occur between identical models. User should calibrate spreader by accurately weighing a few pounds into your spreader and applying to a measured area. Then adjust spreader setting if necessary to assure correct rate of application.

IMPORTANT:

Do not contaminate ornamental fish ponds.

In New York State, this product may not be applied to lawns that directly border coastal marshes. For control of turf insects other than fleas and ticks in New York State, a second application may be made after two weeks if target insect activity persists.

Flower, Shrub and Ornamental Plant Beds

Apply granules evenly over soil within the beds and under shrubbery. Use the same dosage recommended for control of these pests in lawns. One-half pound will cover 250 square feet of garden area. Water thoroughly with 1/2 inch of water after application.

MOUND TREATMENT OF FIRE ANTS

Apply 1/4 cup for each 8" to 10" diameter mound. Apply product over the mound and up to 2 feet around the mound to prevent escape of the queen. Immediately after application, water the granules into the soil gently with a light sprinkling to avoid disturbing the colony. Use at least 1 gallon of water per mound, but no more than 2 gallons. Use of high-pressure watering equipment may disturb the colony and cause migration of the ants, thus reducing the effectiveness of the treatment. For maximum effectiveness, apply

in cool weather (65-80°F), in early morning or late evening for best results. Treat new mounds as they appear.

Digger Wasps: Apply 2 to 4 teaspoons of granules in and around each individual ground nest opening. Make the application at dusk when the wasps are not active.

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

STORAGE AND DISPOSAL

STORAGE: Store product in its original container in a cool, dry, locked place out of reach of children.

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 icon] Keep children and pets off treated areas until this material is washed into turf and grass is dry.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

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 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.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and aquatic invertebrates (crabs, shrimp, etc). Do not apply directly to water. Use with care when applying in areas adjacent to any body of water. Do not apply on saturated soil. Do not allow runoff to occur. Do not contaminate water when disposing of equipment washwater.

NOTICE:

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

The ORTHO Guarantee:

6/17

If for any reason you are not satisfied with this product, mail us proof of purchase to obtain a full refund of your purchase price.

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Manufactured by

The ORTHO Group

P.O. Box 190

Marysville, Oh 43040

EPA Reg. No. 239-2693

EPA Est. No. XXX-XXX

Superscript is first letter of lot number

Made in USA

Appendix I (Marketing Claims)

- Kills insects in lawns
- Lawn and garden insect control
- Treats up to 3750 sq. ft. (7.5# bag)
- Controls home invading pests
- 10 pounds treats up to 5000 sq ft
- Controls surface feeding pests
- For grass and Dichondra lawns
- Contains synthetic pyrethroid
- For outdoor use on home lawns
- Contains pyrethroid
- Ready to use
- Provides contact and residual control for up to 4 weeks
- Soluble granule
- Complete release of active ingredient
- For outdoor use in ornamental plant beds
- Kills tick (including ticks that carry Lyme disease)
- Quick kill of fire ants
- Quick kill of stinging ants
- Kills fire ants on contact
- Total release granule/formula
- Fast, effective kill of Fire ants
- Fast, effective kill of stinging ants
- 1# treats 15 fire ant mounds
- 3# treats 45 fire ant mounds
- 5# treats 75 fire ant mounds
- 10 # treats 150 fire ant mounds
- 25 # treats 375 fire ant mounds
- Aids in control of mole crickets
- Kills insects quickly

4/17

- Kills on contact
- Long-lasting residual action – up to 4 weeks
- ORTHO 0.1% Deltamethrin Granules for a healthier lawns
- Long-lasting insect control – up to 4 weeks
- Kills fire ant workers
- Kills fire ant queens
- Use on: Lawns, flowers, shrubs & ornamental plant beds
- Kills listed home invading & surface feeding insects