



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

NOV 9 2006

Ms. Rebecca M. Horton.  
Registrations by Design, Inc.  
118 ½ East Main Street, Suite 1  
Salem, VA 24153-3805

Subject: Label Amendment to Expand Marketing and Efficacy Claims

EPA Reg. No. 4-441  
BONIDE® Delta Dust

Your Submission Dated March 17, 2006

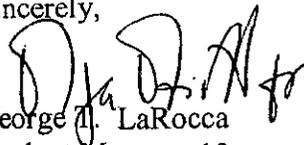
Dear Ms Horton:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

- Modify the following claims as indicated below:
  - "8 oz. Treats Up To 22 Fire Ant Mounds"
  - "1 lb. Treats Up To 45 Fire Ant Mounds"
  - "2 lbs. Treats Up To 90 Fire Ant Mounds"
- Add the following precaution directly under the heading Outdoor Use: "*Remove all exposed food and cooking utensils. Cover all food handling surfaces or wash thoroughly after treatment and before use. Do not use on edible crops.*"
- Under Indoor use qualify the use site service ducts as follows: "service ducts (excluding heating, ventilation, and air conditioning)."

If you have any questions regarding this action, please contact Olga Odiott of my team at (703) 308-9369.

Sincerely,



George A. LaRocca  
Product Manager 13  
Insecticide Branch  
Registration Division (7505P)

Enclosure



# DELTA DUST

[Additional Brand Names: BONIDE® Termite & Carpenter Ant Dust Ready to Use; BONIDE® Termite & Carpenter Ant Dust]

Optional Marketing Statements:

Controls Fire Ants  
 For Indoor/Outdoor Residential Use Only  
 For Household Use  
 Household Ornamental Garden Insect Control  
 Controls Ants, Fire Ants, Fleas, Ticks, Termites\*\* and more  
 Kills Insects for Up to 8 Months  
 Does not Clump or Absorb Moisture  
 For Use on Ornamentals  
 Use on Roses, Flowers and Ornamentals  
 Controls Many Different Insect Pests  
 Easy-to-Use  
 Convenient  
 Kills Fire Ants on Contact – No Watering In Required  
 Works Fast  
 Ready-to-Use Dry Treatment of Fire Ant Mounds  
 Water-Proof Dust

To Control Imported Fire Ants on  
 Lawns and Other Residential Areas  
 Odorless  
 Long-Lasting Residual Action  
 Long-Lasting  
 8 oz. Treats Over 20 Fire Ant Mounds  
 1 lb. Treats Over 40 Fire Ant Mounds  
 2 lbs. Treats Over 80 Fire Ant Mounds  
 Fast, Effective Kill of Fire Ants  
 Fast, Effective Kill of Stinging Ants  
 Kills Termites, Carpenter Ants and  
 Carpenter Bees  
 Water-Proof, Does Not Absorb Moisture  
 Kills the Queen  
 Kills The Mound

**ACTIVE INGREDIENT:**

Deltamethrin (CAS #52918-63-5)..... 0.05%

**OTHER INGREDIENTS:** ..... 99.95%

**TOTAL**..... 100.00%

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

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

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

\*\*localized control only

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated**  
 NOV 9 2006  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 as amended, for the pesticide  
 registered under EPA Reg. No.  
 7-441

**FIRST AID**

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

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.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** May be harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water. Use with care when applying in areas adjacent to any body of water. Do not contaminate water when disposing of equipment washwater.

**DIRECTIONS FOR USE**

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

**IMPORTANT:** Read the entire Directions for Use and Precautions before using this product. Delta Dust is a ready-to-use insecticide dust which exhibits effective knock-down and long-lasting control against the pests listed when used according to label directions. Delta Dust can be used for long-lasting pest control in and around homes and their immediate surroundings. Permitted areas of use include but are not limited to:

- animal quarters
- apartments
- houses
- mobile homes and recreational vehicles
- household greenhouses
- ornamentals

This product is intended for application with a hand duster or from the shaker can, with a paint brush or by other suitable means, to hiding and runway areas and other places where insects are found.

**INDOOR USE:** In living areas, make applications in such a manner as to avoid deposits on exposed surfaces or introducing the material into the air. To avoid the possibility of staining, do not use on carpets, upholstery and other fabrics. Do not apply as a broadcast application indoors.

To apply insecticide directly into cracks and crevices, use a bulbous duster, or other suitable equipment. Apply lightly and uniformly to infested areas. Pay particular attention to cracks and crevices; service ducts; false floors and ceilings; wall voids; around electrical and telephone fittings and equipment; around water and sewer pipes; under and behind cabinets, refrigerators and sinks; around windows and door frames; along baseboards; in attics and crawlspaces. The amount to be applied will vary with the site, but usually be in the range of 2-3 grams of product per square yard (0.5 lbs. per 1,000 sq. ft.).

**Ants, Boxelder bugs, Cockroaches, Crickets, Fleas, Firebrats and Silverfish:** Apply Delta Dust thoroughly to all areas where these pests crawl and hide, especially in those areas described above. For **Ants** apply to ant trails, around doors and windows and other places where ants enter premises.

**Termites, Carpenter Ants and Carpenter Bees:** Apply to voids or channels in damaged wood members of a structure; to cracks, spaces or bearing joints between wooden members of a structure; or between such members and the foundation; and in locations vulnerable to termite attack. Drilling may be necessary prior to applying dust in these locations; but it must be recognized that such drilling and treating of timber in a particular location may not result in complete coverage of infested and vulnerable voids or galleries. This dust can be applied in attics and crawl spaces to prevent entry of dry and Formosan termites at a rate of 0.5 lb. per 1,000 sq. ft. of floor area. In these treatments, all vents and blowers should be closed. Inspect at 6 months and one year to ensure that colony has been killed.

The purpose of such applications of Delta Dust is to kill workers or winged forms of subterranean termites which may be present in the treated channels at the time of treatment. Such applications are not a substitute for mechanical alteration, soil treatment or foundation treatment but merely a supplement. For active termite infestations, get a professional inspection.

**Centipedes, Ground Beetles, Millipedes, Scorpions, Spiders and Sowbugs:** Apply dust along and behind baseboards, to window and door frames, corners, pipes, storage locations, attics, crawl spaces, and other areas where these pests may enter and crawl.

**Wasp and Bees:** It is generally advisable to treat wasp and bee nests in the evening when insects are less active and have returned to the nest. Wear protective clothing if deemed necessary to avoid stings. Using a hand or power duster (Actisol or similar equipment) or other suitable means, with extension tubes if necessary, thoroughly dust nest, entrance and surrounding areas where insects alight. Nests in wall voids can be located by listening with your ear against the wall. Drill a hole in the area, blow dust in and reseal. For ground wasps, dust entrance and surrounding areas. For best results check nests carefully one or two days after treatment to ensure complete kill, then remove and destroy nest to prevent emergence of newly-hatched insects. If removal is not feasible, retreat the nest, if necessary. Do not use this product to treat overhead nests.

**Webbing Clothes Moths:** Use Delta Dust as a crack and crevice treatment in closets and other storage areas where these pests are found. This is an adjunct treatment and will not control moth larvae already on the clothes. DO NOT apply this product directly to clothing.

**Carpet Beetles (Black, Furniture, Common and Varied):** Dust where these insects are found, for example: under edges of floor coverings, around baseboards, under rugs and furniture and in closets. Do not apply directly to carpeting.

**Bedbugs:** Remove linen prior to treatment. Apply dust lightly and uniformly to all areas where these pests are typically found paying particular attention to folds and tufts of mattresses, coils of springs, cracks and hollow posts of bedsteads, picture frame moldings and all cracks and crevices in the room should be treated. Allow powder to remain in contact with surface 4-6 hours. Thoroughly vacuum treated areas, dispose of vacuum bag, and place clean linens on bed.

**STORED PRODUCT PESTS:** To aid in control of the exposed stages of **cadelles, cheese mites, cigarette beetles, confused flour beetles, dark meal worms, drugstore beetles, grain mites, granary weevils, lesser grain borers, merchant grain beetles, red flour beetles, rice weevils, rusty grain beetles, saw-toothed grain beetles, spider beetles, tobacco moths and yellow meal worms.** In the home, cover all food processing surfaces and utensils during treatment or thoroughly wash before use.

Remove or cover exposed food. Clean up waste materials, dust, dirt and other debris. Thoroughly treat floors, walls and other surfaces in storage and handling areas. Apply dust in cracks and crevices, behind and under cupboards, and other difficult to reach areas where insects may hide. DO NOT apply directly on food, utensils or other areas where food is stored.

**ORNAMENTAL PLANT PESTS:** For control of aphids, beet armyworms, blister beetles, boxelder bugs, certain leafminers\* (Boxwood, Holly, Oak, Spruce Needle), elm leaf beetle, flea beetles, Japanese beetles\*, leafhoppers, leafrollers, orange tortrix, periodical cicada, plant bugs, rose chafer, rose midges, rose slugs, tent caterpillars, thrips, weevils.

**SHRUBS & ORNAMENTALS:** Apply when insects or their damage first appear and repeat at weekly intervals if necessary. Apply 8 ounces per 1000 sq. ft. or thoroughly apply to place a thin layer of dust on both the upper and lower sides of leaves, stems and flowers.

**ROSES, PETUNIAS, CHRYSANTHEMUMS, GERANIUMS, CARNATIONS** and other related flowers: To control many leaf and flower chewing insects, apply as soon as the insect appears and repeat at 7 day intervals as long as insects continue to appear. Apply a thin layer of dust on both upper and lower sides of leaves, stems and flowers.

#### **OUTDOOR USE:**

**PERIMETER TREATMENT:** Use Delta Dust as a residual treatment for control of ants, bees, centipedes, cockroaches, crickets, firebrats, fleas, ground beetles, millipedes, scorpions, silverfish, slugs, sowbugs, spiders, ticks and wasps. Make a residual treatment around windows and doors, porches, screens, eaves, patios, garages, under stairways, in crawl spaces, and other areas where pests hide. To help prevent the invasion of buildings and structures by these pests, apply thoroughly and uniformly to the foundation and crawl spaces where pests are active and may find entrance.

**FLEAS AND TICKS IN RODENT BURROWS:** To control fleas and ticks in and around rodent burrows around homes and other buildings, apply dust with a shaker can. Thoroughly apply dust to adequately cover mound and around the perimeter (18" from the outer edge). Be sure to treat abandoned rodent burrows which are suspected of containing fleas and ticks. Treat for a minimum of 5 days for light rodent populations, 10 days when populations are dense.

#### **USE DIRECTIONS FOR FIRE ANT TREATMENT**

**IMPORTED FIRE ANT MOUND TREATMENT:** Apply Delta Dust with a shaker can. Thoroughly apply dust to adequately cover mound and around the perimeter (18" from the outer edge of the mound). A second treatment may be necessary if complete control is not obtained. DO NOT DISTURB THE MOUND PRIOR TO APPLICATION. If possible, treat all colonies in the vicinity. Also, treat colonies which have not yet constructed a mound.

[Alternate directions – Evenly sprinkle one tablespoon (approximately ½ oz.) of Delta Dust over the top of each mound. Do not water in or disturb the mound. Apply when temperatures are between 65° and 80° F. Allow 3 to 4 days for maximum control, then repeat as necessary. Do not use food utensils, such as a teaspoon or measuring cups, for food after use with pesticides.

#### **STORAGE AND DISPOSAL**

**Storage:** Store and transport in an upright position. Store product in 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.

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

Notice: Buyer assumes all responsibility for safety and use not in accordance with directions.

Dispose of properly

Buyer's Guarantee limited to label claims.

Manufactured by:

Bonide Products, Inc.

Oriskany, NY 13424

Questions, Concerns or Comments?

Write to

Bonide Products, Inc.

Consumer Services

6301 Sutliff Road

Oriskany, NY 13424