

PM03

4-422

7/6/99

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
4-422

Date of Issuance:  
JUL - 6 1999

Term of Issuance: Unconditional

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name of Pesticide Product:

Bonide Eight Insect Control  
Delta Granules

Name and Address of Registrant (include ZIP Code):

Bonide Products, Inc.  
2 Wurz Ave.  
Yorkville, NY 13495

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) (c) (2) (B)

1. Please make the following labeling changes:

- a) Revise the EPA Registration Number to read "EPA Reg. No. 4-422"
- b) Please revise the first sentence under "Imported Fire Ants" to read: "Apply two tablespoons over each 8" to 10" diameter mound and up to 2 feet around to prevent escape of the queen." This is the rate used on the most recently stamped label of the product you cited.
- c) Either delete all "Repeat treatment/Retreat as necessary" - type statements or state the minimum allowable time period between applications. This should be based on your efficacy data.

Signature of Approving Official:

*Macy Lynn Keigwin*  
*for George T. Calocca*

Date:

JUL - 6 1999

d) Please revise your bullet points to read the following:

- “1 lb. treats 15 fire ant mounds
- 3 lb. treats 45 fire ant mounds
- 5 lb. treats 75 fire ant mounds
- 10 lb. treats 150 fire ant mounds
- 25 lb. treats 375 fire ant mounds”

These are the bullet points or ratios used in the product you cited (EPA Reg. No. 432-811).

e) Please remove the marketing statement “Quick release formula”. This marketing statement does not appear on the product you cited.

f) Please revise the marketing statement which reads: “Controls fire ants, fleas, ticks and more” to “Controls fire ants, fleas, ticks and other listed insects”.

g) Please delete the marketing statement “Kills the mound in 3 to 7 days”. This statement is not on the product you cited. If you have additional efficacy data to support this claim, please submit or cite it (with MRID numbers).

h) Please revise the first sentence under “Environmental Hazards” to read: “This product is extremely toxic to fish and aquatic invertebrates (crabs, shrimp, etc)”.

I) Add “up to 4 weeks” to the bullets referring to long lasting residual action/insect control

j) Please add the statement “Not for use in commercial greenhouses, nurseries, on sod farms or grass grown for seed” to your label. You must place this statement either at the beginning or the end of the DIRECTIONS FOR USE section of the label.

- 3. Please submit two (2) copies of your final printed label for before your release the product for shipment. Please refer to the A-79 enclosure for a further description of final printed labeling. 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 bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact me at (703) 305-6100 or Tracy Keigwin of my team at (703) 305-6605.

Sincerely,

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



# Delta Granules

### OPTIONAL FRONT PANEL WORDING:

- \* CONTAINS DELTAMETHRIN
- \* KILLS INSECTS IN LAWNS
- \* LAWN & GARDEN INSECT CONTROL
- \* TREATS UP TO 5,000, 10,000, 15,000 SQ. FT.
- \* CONTROLS HOME INVADING PESTS
- \* 10 POUNDS TREATS UP TO 5,000 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
- \* KILLS: Ants, Armyworms (inc. Fall, Yellow-Striped, etc.), Bear Tick, Bermudagrass Mites, Billbugs (adult), Black Legged Tick, Boxelder Bugs, Brown Dog Ticks, 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 (in dichondra), Fleas, Grasshopper, Hyperodes (Turfgrass Weevil), Japanese Beetle (adult), Lawn Moths, Leafhoppers, Lone Star Tick, Scorpions, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders, Spittlebugs, Springtails, Ticks, Vegetable Weevils (in Dichondra), Western Black Legged Tick (Ixodes pacificus), Adult Mealybugs, Deer Tick (Ixodes dammint)
- \* 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 TICKS (including ticks that carry Lyme disease)
- \* QUICK KILL OF FIRE ANTS • QUICK KILL OF STINGING ANTS
- \* KILLS FIRE ANTS ON CONTACT

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

JUL - 6 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
4-422

### ACTIVE INGREDIENT:

Deltamethrin: (s)-alpha-cyano-3-phenoxy- benzyl-(1R,3R)-3-(2-2dibromovinyl)- 2,2- dimethyl-cyclopropanecarboxylate .....	0.1%
OTHER INGREDIENTS .....	99.9%
TOTAL .....	100.0%

EPA REG. NO.

EPA EST. NO. 4-NY-1

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
See Side Panel for Additional Precautionary Statements.

Net Contents: \_\_\_\_\_

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting. **IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

**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. Food utensils such as spoons and measuring cups must not be used for food purposes after use in measuring pesticides. Do not allow children or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.

**Environmental Hazards**

This product is extremely toxic to fish. 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.

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

**STORAGE AND DISPOSAL**

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

**Disposal:** Completely empty bag into application equipment. Do not reuse empty container. Wrap bag and put in trash collection.

**DIRECTIONS FOR USE**

1. Determine size of area to be treated - measure and multiply length times width.
2. Determine appropriate spreader setting using chart.
3. Treat as directed - thorough coverage is important. Water in thoroughly with a half inch of water. This product is extremely toxic to fish. 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 ornamental fish ponds.
4. Keep children and pets off treated areas until this material is washed into turf and grass is dry.

**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 (in dichondra), Grasshopper, Hyperodes (Turfgrass Weevil), Japanese 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. Treat when insects first appear using granules at the rate of 2 to 3 pounds per 1,000 sq. ft. or, for heavy lawns such as St. Augustine grass, 3 pounds per 1,000 sq. ft. using a fertilizer spreader. See spreader setting chart below. To help obtain uniform distribution, apply one-half required amount of product in one direction, then apply the balance at a right angle. Immediately after application, water the lawn thoroughly with a half inch of water. Retreat as necessary.

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**EUROPEAN CRANEFLY 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.

**NOTE:** Dogs, cats, and their kennel or bedding area should also be treated with a registered product. In addition, if fleas and ticks are indoors on carpets or pet resting areas, use a registered product [as Bonide Flea, Tick & Lice Powder], ideally in combination with an insect Growth Regulator [Bonide Total Release Flea Fogger]. It is very important that all three sites - outdoor, indoors and also the pet be treated with appropriately labeled products to achieve satisfactory control. If any of these areas are not treated, it could serve as a source of reinfestation to the entire premises.

**SOD WEBWORMS (CRAMBUS SPP)** Sod Webworms are the light brown caterpillars 1/4 to 3/4 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 later 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 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 lbs. 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.

#### **FLOWER, SHRUB AND ORNAMENTAL PLANT BEDS**

To control **Ants, Fire Ants, Crickets, Cutworms, Sowbugs, Pillbugs, Grasshoppers, Armyworms, Brown dog Ticks and Springtails** apply granules evenly over soil within the beds and under shrubbery. Use the same dosage recommended for control of these pests in lawns. Water thoroughly with 1/2 inch of water.

#### **SPOT TREATMENT**

**ANTS NESTING OUTDOORS:** This product may be used outdoor for the control of ants, including: **Acrobat, Argentine, Big Headed, Cornfield, Field, Harvester, Leafcutter, Little Black, Pavement and Pyramid Ants.** If possible, it is best to try to locate nest and treat this first. Nests will usually be found in the ground but may be concealed under stones, boards, slabs or in stumps or logs. Product should be applied to thoroughly cover the nest (1 to 2 teaspoons) and sprinkled gently with sufficient water to dissolve granules. In addition to treating ant nests or mounds, entry points of buildings (used by ants) and the soil surface along the perimeter of the building should be treated.

**DIGGER WASPS:** Apply 1 to 2 teaspoons of granules in and around each individual ground nest opening. Make the application at dusk when the wasps are not active.

**IMPORTED FIRE ANTS:** Apply one tablespoon over each 10" to 12" diameter mound and up to 2 feet around each fire ant 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), or in early morning or late evening for best results. Treat new mounds as they appear.

SPREADER SETTINGS Spreader Make and Model	Setting to deliver:	
	2#/1000 ft <sup>2</sup>	3#/1000 ft <sup>2</sup>
Scotts Drop Spreaders	3.5	3.63
Scotts EasyGreen Rotary	25.5	26.0
Republic EZ Drop	5.25	5.5
Cyclone Model B1 Rotary	3.0	3.-5
Sears Craftsman Broadcast	2.0	2.5

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.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty or any other warranty of Merchantability or Fitness for a Particular Purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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

More Optional Front Panel Language:

- GUARANTEED TO WORK OR MONEY BACK
- QUICK KILL OF FIRE ANTS, QUICK KILL OF STINGING ANTS
- KILLS FIRE ANTS ON CONTACT
- EASY TO USE
- CONVENIENT
- TOTAL RELEASE GRANULE
- TOTAL RELEASE FORMULA
- QUICK RELEASE FORMULA
- KILLS THE MOUND IN 3 TO 7 DAYS
- TO CONTROL IMPORTED FIRE ANTS ON LAWN AND RECREATIONAL FIELDS
- CONTROLS FIRE ANTS, FLEAS, TICKS AND MORE
- FAST, EFFECTIVE KILL OF FIRE ANTS
- FAST, EFFECTIVE KILL OF STINGING ANTS
- 10 LB. TREATS 300 FIRE ANT MOUNDS
- 5 LB. TREATS 150 FIRE ANT MOUNDS, 1 LB. TREATS 30 FIRE ANT MOUNDS, 3 LBS. TREATS 90 FIRE ANT MOUNDS

## Bonide Eight Insect Control Delta Granules

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- 25 LB. TREATS 750 FIRE ANT MOUNDS
- AIDS IN CONTROL OF MOLE CRICKETS
- KILLS INSECTS QUICKLY
- EXCELLENT VALUE FOR THE MONEY
- GUARANTEED CONTROL OF LAWN & HOME INVADING INSECTS, OR YOU MONEY BACK
- KILLS ON CONTACT
- LONG-LASTING RESIDUAL ACTION
- EIGHT DELTA GRANULES FOR A HEALTHIER LAWN
- EASY & QUICK TO APPLY WITH A DROP OR BROADCAST SPREADER
- LONG-LASTING INSECT CONTROL
- KILLS FIRE ANT WORKERS
- KILLS FIRE ANT QUEENS

Manufactured by:  
Bonide Products, Inc.  
2 Wurz Ave.  
Yorkville, NY 13495