

4-422

8/20/2003

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DELTA GRANULES

[Additional Brand Name: Bonide® Delta Eight Insect Control Insect Control]

ACTIVE INGREDIENT:

Deltamethrin: (CAS No. 52918-63-5) 0.1%

OTHER INGREDIENTS:..... 99.9%

TOTAL..... 100.0%

ACCEPTED
 AUG 20 2003

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side/back/other panel(s) for additional precautionary statements.

NET WEIGHT: _____

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Telecommunications Network at 1-800-858-7378 for emergency medical treatment information.	
If Swallowed:	<ul style="list-style-type: none"> • Call 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in Eyes:	<ul style="list-style-type: none"> • 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.
If on Skin or Clothing:	<ul style="list-style-type: none"> • 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.

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 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 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.

Not for use in commercial greenhouses, nurseries, on sod farms or grass grown for seed.

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

DIRECTIONS

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.
5. 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.

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.

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 [such 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 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 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 1½ 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 ½ 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 ½ 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 2 tablespoons over each 8" to 10" diameter mound and up to 2 feet around 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 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 ft²	3#/1000 ft²
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.

STORAGE AND DISPOSAL

Storage: Store and transport in an upright position. Store in a cool dry area inaccessible to children or pets.

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.

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.

Manufactured by:

Bonide Products, Inc.

Oriskany, NY 13424

Optional Marketing Statements for Front/Other panel(s):

- CONTAINS DELTAMETHRIN
- KILLS INSECTS IN LAWNS
- LAWN & GARDEN INSECT CONTROL
- TREATS UP TO 3750 SQ. FT. (7.5 lb. bag) (quantities to be adjusted for different size containers.)
- 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 dammit)
- 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
- GUARANTEED TO WORK OR MONEY BACK
- EASY TO USE
- CONVENIENT
- TOTAL RELEASE GRANULE
- TOTAL RELEASE FORMULA
- TO CONTROL IMPORTED FIRE ANTS ON LAWN AND RECREATIONAL FIELDS
- CONTROLS FIRE ANTS, FLEAS, TICKS AND OTHER LISTED INSECTS
- FAST, EFFECTIVE KILL OF FIRE ANTS
- FAST, EFFECTIVE KILL OF STINGING ANTS
- 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
- AIDS IN CONTROL OF MOLE CRICKETS
- KILLS INSECTS QUICKLY
- EXCELLENT VALUE FOR THE MONEY
- GUARANTEED CONTROL OF LAWN & HOME INVADING INSECTS, OR YOUR MONEY BACK
- KILLS ON CONTACT
- LONG-LASTING RESIDUAL ACTION – UP TO 4 WEEKS
- EIGHT DELTA GRANULES FOR A HEALTHIER LAWN
- EASY & QUICK TO APPLY WITH A DROP OR BROADCAST SPREADER
- 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
- PERIMETER TREATMENT AROUND HOUSE FOUNDATIONS
- KILLS OTHER ANT SPECIES...AS LISTED ON THE LABEL