



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

EPA Reg. Number:  
432-837

Date of Issuance:  
JAN 16 1998

Term of Issuance: Conditional

Name of Pesticide Product:  
Deltagard GC Insecticide  
Granule

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

AgrEvo Environmental Health  
95 Chestnut Ridge Road  
Montvale, NJ 07645

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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 432-837".
  - b. Under fire ants directions for use revise "½ cup" to "1 tbsp."
  - c. Under directions for use for mole crickets (application procedure) is text missing before the comma? If so, add the appropriate text.

Signature of Approving Official:

Date:

295

- d. Delete termites from your labeling or add the following:

"The purpose of such applications of "Deltagard G Insecticide Granular" is to kill workers or winged reproductive forms which may be present in the treated channels at the time of treatment; and to impart a temporary resistance at these places of attack which may aid in the prevention of immediate reinfestation. Such applications are not a substitute for mechanical alteration, soil treatment or foundation treatment but are merely a supplement."

- e. Under Flowers, Shrub and Ornamental Plant Bed section add: "Do not use on or around fruit and nut trees, vegetable plants, or around any plants used for food."

3. Submit two copies of the revised final printed label for the record. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

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

**RESTRICTED USE PESTICIDE**

**Due To Acute Fish and Aquatic Organism Toxicity**

For retail sale to and use only by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

**DELTAGARD™ GC  
INSECTICIDE GRANULE**

- FOR INSECT CONTROL ON GOLF COURSES, SOD FARMS, LANDSCAPE ORNAMENTAL PLANTINGS AND PERIMETERS AROUND COMMERCIAL, INDUSTRIAL, RECREATIONAL, AND RESIDENTIAL AREAS.

**ACTIVE INGREDIENT:**

Deltamethrin: (s)-alpha-cyano-3-phenoxybenzyl-(1R,3R)-3-(2-2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate ..... 0.1%

**INERT INGREDIENTS:** ..... 99.9%  
100.0%

EPA Reg. No. 432-IGT

EPA Est. No.

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicado ampliamente. (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**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.

See Side Panel For Additional Precautions

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

JAN 16 1998

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

432-837

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & 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.

**Personal Protective Equipment**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Water-proof gloves
- Shoes plus socks

**User Safety Recommendations**

**Users Should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

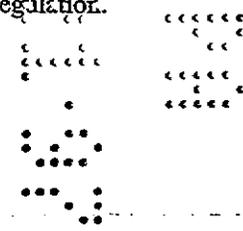
**Environmental Hazards**

This product is extremely toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

For any requirements specific to your State or tribe, consult the agency responsible for pesticide regulation.



**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Wear protective clothing when using or handling this product to help avoid exposure to eyes and skin. Eye protection, gloves, long-sleeved shirt and long-legged pants or coveralls are recommended.

Do not allow adults, children or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.

**GENERAL INFORMATION:** DELTAGARD GC Insecticide Granule is a broad spectrum residual pyrethroid insecticide for the control of (redundant; major surface feeding insect pests on golf courses, sod farms, ornamental landscape plantings and perimeters around commercial, recreational, and residential areas. DELTAGARD GC Insecticide granule is 0.1% deltamethrin formulated on a water soluble carrier. Treat as directed. 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.

**RECOMMENDATIONS FOR TURFGRASSES, AND LANDSCAPE ORNAMENTAL PLANTINGS AND PERIMETER TREATMENTS:**

Apply DELTAGARD GC Insecticide Granule with suitable and calibrated application equipment to give complete and uniform coverage of pest infested areas. Applications should be made using the rates shown below:

Pests	Dosage of Product	Application Procedure
Annual bluegrass (Hyperodes) weevil (adults) Ants, Armyworms, Bermudagrass mites, Billbugs (adult), Black turfgrass atanius, Boxelder bugs, Centipedes, Chiggers, Chinchbugs/Clover mites, Cockroaches, Crickets, Cutworms, Darkling Ground beetles, Digger wasps, Essex skipper, Field crickets, Fiery skipper, Fire ants, Flea beetles, Fleas, Grasshoppers, Japanese beetles (adult), Lawn moths, Leafhoppers, Mealybugs (adult), Scorpions, Sod webworms, Sowbugs, Spiders, Spittlebugs, Springtails, Ticks (including Lyme disease vectors) and Vegetable weevils	2 to 3 pounds/ 1,000 sq. ft.  OR  0.08 to 0.13 lbs ai/A  OR  87to 131 pounds/A	Treat when insects first appear.  Apply this product uniformly to the pest infested area.  Use higher application rates for subsurface pests and/or for extended residual control.  For optimum results, irrigate with an adequate quantity of water to thoroughly moisten grass and thatch. and dissolve the insecticide granules.
Mole crickets	2 to 3 pounds per 1,000 sq. ft.	Irrigate with 1/4 to 1/2 inch of water immediately after application.

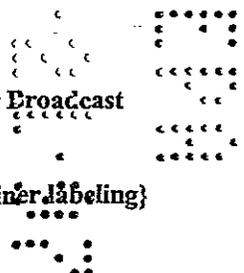
**FINE TURF USE PRECAUTIONS:**

On fine turf, such as creeping bentgrass putting greens, tees and fairways, irrigate immediately after application with an adequate amount of water to completely dissolve the granule. DO NOT apply this product to creeping bentgrass when air temperatures are 80 degrees or greater.

**APPLICATION EQUIPMENT:**

**Recommended Spreader Settings for Broadcast Applications**

{Numbers to be added to final container labeling}



Equipment	Ground Speed (MPH)	Spreader Setting	
		87 lbs per acre	130 lbs per acre
Hand-Pushed		Once	Twice
LESCO Rotary	3		
Scotts R-8A-1 Rotary	3		
Gandy Model 42H2C	3		
Equipment Drawn (PTO - 540 RPM)			
Gandy (8 foot)	4.5		
Lely 2.3202.000.1	4.5		
Lely Model L-400	4.5		
Vicon PS402	4.5		
Vicon PS10021	4.5		

results. Treat new mounds as they appear. If possible, make applications after a recent rainfall.

**FLOWER, SHRUB AND ORNAMENTAL PLANT BEDS:**  
 To control **Ants, Fire Ants, Centipedes, Cockroaches, Crickets, Cutworms, Sowbugs, Pillbugs, Grasshoppers, Armyworms, Scorpions, Spiders, Springtails** and **Ticks** apply granules evenly over soil within the beds, and under shrubbery. Use the same dosage recommended for control of these pests in lawns. For optimum results, irrigate with an adequate quantity of water to thoroughly moisten treated area and dissolve the insecticide granule.

**NOTE:** These recommended settings should be used as starting points when calibrating a spreader to achieve the desired application rate of DELTAGARD GC Insecticide Granule. After calibration, the technician should regularly observe the amount of DeltaGard GC that is applied to a known area and make further setting adjustments, as necessary, to maintain the appropriate application rate. spreaders should be calibrated periodically to ensure that equipment wear or other factors have not altered the flow rate of DELTAGARD GC. Calibration instructions are included in the Owner's Manual that was provided by the equipment manufacturer at the time of purchase

**PERIMETER TREATMENT:** To help prevent infestation of buildings by **Ants, Boxelder Bugs, Brown Dog Ticks, Centipedes, Cockroaches, Clover Mites, Crickets, Field Crickets, Fire Ants, Fleas, Scorpions, Sowbugs, Spiders, Springtails (Collembola), Termites 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.

**SPOT TREATMENT:** To control **Ants, including Acrobat, Argentine, Big Headed, Cornfield, Harvester, Leafcutter, Little Black, Pavement and Pyramid Ants.** If possible, locate and treat nest first. Product should be applied to thoroughly cover the nest (1 to 2 teaspoons) and sprinkled with sufficient water to dissolve granules. In addition to treating ant nests or mounds, entry points of buildings and the soil surface along the perimeter of the building should be treated.

**IMPORTED FIRE ANT MOUND TREATMENT:** Apply up to 1/2 cup (1 to 8 tbsp) over each 10" to 12" diameter mound and up to 2 feet around each mound to prevent escape of the queen. Immediately after application, water the granules into the soil gently with a light sprinkling can to avoid disturbing the colony. Use at least 1 gallon of water per mound. Apply in cool weather during the spring and fall (65 - 80°F) or in early morning or late evening for best

**STORAGE & DISPOSAL**

Do not contaminate water food or feed by storage or disposal.  
**Storage:** Store in original container in a secured, dry storage area. Prevent cross-contamination with other pesticides and fertilizers. If container is leaking or material is spilled, sweep up and remove to chemical waste area.  
**Pesticide Disposal:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.  
**Container Disposal:** Completely empty bag (by shaking and tapping sides and bottom) into application equipment. Dispose of bag in a sanitary landfill or by incineration if allowed by state and local authorities.

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

**AgrEvo Environmental Health**  
 95 Chestnut Ridge Road  
 Montvale, NJ 07645

