

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Richard Gorrell
Aventis Environmental Science USA LP
95 Chestnut Ridge Road
Montvale, NJ 07645

NOV 20 2000

Dear Mr. Gorrell:

Subject: Final Print Label Review
DeltaGard GC
EPA Reg. No. 432-837
DeltaGard T & O
EPA Reg. No. 432-836
Delta GC
EPA Reg. No. 432-867
Delta G
EPA Reg. No. 432-868
Your Submission Dated August 14, 2000

The labeling 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 given below. Changes indicated below are directed at all labels referenced above.

Regarding the labels:

1. In the letter dated February 22, 2000, you were directed to amend the listing for ticks. Specifically, you were directed to reword information related to potential lyme disease vectors under DIRECTIONS FOR USE, table which lists pests, dosage of product and application procedure to: "... (including those which may vector lyme disease)".
2. EPA has issued a PR Notice revising first aid statements (PR Notice 2000-3). The following are the revised statements that will be required for products placed in category III and above. You may wish to incorporate these statements on your labeling at this time:

"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. 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 eyes. Call a poison control center for treatment advice. IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice."

Also, add the following statement near the first aid statements: "Have the product container or label with you when calling a poison control center or doctor or going for treatment."

EPA recommends that these statements be boxed and bulleted to present the information in a clear, easy-to-read fashion.

3. Submit three copies for each above referenced product of the complete labeling revised in accordance with the above comments.

Stamped labeling is enclosed for your records. If you have any questions regarding this letter, please contact Linda Werrell Gerber of my team at (703) 308-8033.

Sincerely,



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

Enclosure



DeltaGard® T & O

- For Sale To, Use and Storage By Commercial Applicators.
- FOR INSECT CONTROL IN TURFGRASSES, LANDSCAPE ORNAMENTAL PLANTINGS (including interior plantscapes), AND PERIMETERS AROUND COMMERCIAL, INDUSTRIAL, RESIDENTIAL, AND RECREATIONAL AREAS.
- For Outdoor Use on Lawns, Grounds, And Perimeter Treatments.
- Kills Insects in Lawns
- Controls Home Invading Pests
- 10 Pounds Treats up to 5,000 Sq. Ft.
- Controls Surface-Feeding Pests
- Ready-To-Use, Soluble Granules
- Complete Release of Active Ingredient
- Kills Ticks (Including those that may carry Lyme Disease)
- NOT FOR USE ON GOLF COURSES OR SOD FARMS

ACTIVE INGREDIENT:

Deltamethrin 0.1%

OTHER INGREDIENTS: 99.9%

100.0%

EPA Reg. No. 432-836

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

CAUTION

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.)

IN CASE OF MEDICAL, ENVIRONMENTAL, OR TRANSPORTATION EMERGENCIES OR INQUIRIES, CALL 1-800-334-7577 (24 HOURS/DAY).

FOR PRODUCT INFORMATION, CALL TOLL-FREE: 1-800-331-2867

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

NOV 20 2000

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

432-836

NET CONTENTS:



Produced By:

AVENTIS ENVIRONMENTAL SCIENCE USA LP

95 Chestnut Ridge Road • Montvale, NJ 07645

FIRST AID

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 & 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. 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.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on lawns and grounds.

Not for use in commercial greenhouses or nurseries.

Not for use on sod farms, grass grown for seed, or on golf course turf.

GENERAL INFORMATION

DELTAGARD T&O Granular Insecticide is a broad spectrum residual pyrethroid insecticide for the control of major insect pests in turfgrasses and landscape ornamentals (including interior plantscapes) and around the perimeters of structures in residential, commercial, and recreational areas. DELTAGARD T&O is a 0.1% granular formulation of deltamethrin on a water-soluble carrier. Treat as directed. This product is extremely toxic to fish and aquatic invertebrates. 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.

Apply this product as prescribed on this label but not more than once per week during the growing season.

To avoid potential marking or discoloration of concrete surfaces (patios, sidewalks, driveways, pavers, or similar material), it is recommended that granules applied to these surfaces be removed.

In New York State, product may not be applied to turf within 100 feet of a coastal marsh, or stream that drains directly into a coastal marsh. For control of turf insects other than ticks in New York State, a second application may be made after two weeks if target insect activity persists.

RECOMMENDATIONS FOR TURFGRASSES, ORNAMENTAL PLANTINGS, AND PERIMETER TREATMENTS:

Apply DELTAGARD T&O Granular Insecticide as a broadcast application 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.

Pest	Dosage of Product	Application Procedure
Annual bluegrass weevil (Hyppodamia) (adult), Ants, Armyworms, Bermudagrass mites, Billbugs (adult), Black Turfgrass Ataenius, Boxelder bugs, Centipedes, Chiggers, Chinchbugs, Clover mites, Cockroaches, Crickets, Cutworms, Darkling ground beetles, Digger wasps, Essex skipper, Field crickets, Fiery skipper, Fire ants, Firebrats, Flea beetles, Grasshoppers, Japanese Beetles (adult), Lawn moths, Leafhoppers, Mealybugs (adult), Silverfish, Sod webworms, Sowbugs, Spiders, Spittlebugs, Springtails, Ticks (including Lyme disease vectors), and Vegetable weevils	2 to 3 pounds per 1000 sq. ft.	Treat when insects first appear.
	OR	Apply this product uniformly to the pest infested area.
	0.08 to 0.13 lb ai/A	Use the higher application rate for subsurface pests and/or for extended residual control.
Mole crickets	OR	For optimum results, irrigate with an adequate quantity of water to thoroughly moisten grass and thatch, and dissolve the insecticide granules.
	87 to 131 pounds/A	
Mole crickets	2 to 3 pounds per 1,000 sq. ft.	In order to improve efficacy (for optimum results), irrigate as soon as possible with 1/4 to 1/2 inch of water.

APPLICATION EQUIPMENT: DELTAGARD T&O Granular Insecticide is a granular formulation. Apply with a fertilizer spreader or equivalent equipment as uniformly as possible. Spreaders should be calibrated periodically to ensure that equipment wear or other factors have not altered the flow rate of DELTAGARD T&O. Calibration instructions are included in the Owner's Manual that was provided by the equipment manufacturer at the time of purchase. After calibration, the technician should regularly observe the amount of DELTAGARD T&O that is applied to a known area and make further setting adjustments, as necessary, to maintain the appropriate application rate.

DeltaGard T&O Granular Insecticide Recommended Spreader Settings

Equipment Drawn (4.5 mph)	DeltaGard Rate Per 1000 ft ²		Swath Width	Note
	2lb.	3 lb.		
Vicon (Model 402)	20	25	38 ft.	PTO 4800 RPM
Vicon (Model 403)	18	23	32 ft.	PTO 4800 RPM
Lely	4%	5 1/4	44 ft.	Adjustment I
Gandy 6500 Series	26	30	-	
Hand Pushed (3 mph)				
Scotts Rotary (R&A, AccuPro 2000)	1 1/2	K	13 ft.	Cone Setting 7
Lesco Rotary	Gauge #11	Gauge #13	7-8 ft.	
Scotts Drop (PF-4)	5 1/4	6	48 inch	
Gandy Turf Tender	34	37	24-42 inch	

NOTE: These recommended settings should be used as starting points when calibrating a spreader to achieve the desired application rate of DeltaGard T&O.

TICK CONTROL (OUTDOORS): For control of 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 (August-September) into the fall.

SOD WEBWORMS: If Lawn Moths (Sod Webworm Adults) are noticed in large numbers at dusk, or at first sign of damage to lawn, treat entire lawn uniformly.

PERIMETER TREATMENT: To help prevent infestation of buildings by Ants, Boxelder Bugs, Brown Dog Ticks, Centipedes, Cockroaches, Clover Mites, Crickets, Field Crickets, Fire Ants, 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 1½ pounds per 500 sq. ft. or 2 to 3 pounds per 1,000 sq. ft.

For termites, the purpose of such applications of DELTA-GARD T&D Granular Insecticide is to kill workers or winged reproductive forms which may be present at the time of treatment. Such applications are not a substitute for mechanical alteration, soil treatment or foundation treatment but are merely a supplement.

SPOT TREATMENT: To control Ants, including Acrobat, Argentine, Big Beaded, 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.

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

IMPORTED FIRE ANTS: Apply up to two 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 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 results. Treat new mounds as they appear. If possible, make applications after a recent rainfall.

FLOWER, SHRUB, ORNAMENTAL PLANT BEDS AND INTERIOR PLANTSCAPES:

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, interiorscapes, 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. Do not use on or around fruit and nut trees, vegetable plants or around any plants used for food.

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 the container is leaking or material is spilled, sweep up and remove to chemical waste area.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

Container Disposal: Completely empty container (by shaking and tapping sides and bottom) into application equipment. Dispose of container in a sanitary landfill or by incineration if allowed by State and local authorities. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Aventis Environmental Science USA LP. All such risks shall be assumed by the user or buyer.

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Replaces: DG-T&O Gran-SL-10M-(980930)-N.P. 11/98

Revisions include:

- Placed into Aventis format
- New Emergency number
- New Warranty Statement

DISCARD PREVIOUS LABELS!

DG-T&O Gran-SL-5M-(980930)-Rev. 4/00