

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

FM 03

432-836

9/30/98

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17/3

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SEP 30 1998

Ms. Sharon M. Johnston
AgrEvo Environmental Health
95 Chestnut Ridge Road
Montvale, NJ 07645

Dear Ms. Johnston:

Subject: Alternate CSF and Addition of Label Text Required by New York
DeltaGard Insecticide Granule
EPA Registration No. 432-836
Your Submissions Dated April 16 and May 12, 1998

Your request to add a fertilizer base to the subject product as an alternate formulation is unacceptable since such change in formulation and directions for use is considered a significant amendment requiring a separate application for registration.

The labeling amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

1. Delete all references to fertilizer, feeding lawns, and the alternate additional text providing fertilizer analysis from the label.
2. Revise the first bullet under the product name to read: "For Sale to, Use and Storage by Commercial Applicators Only."
3. Revise the first sentence under Environmental Hazards to read: "This product is extremely toxic to fish and aquatic invertebrates." Also make this revision to the second sentence of the second paragraph under GENERAL INFORMATION.
4. In the rate table on page 2, revise the third paragraph under "Application Procedure" to read: "Use the higher application rate for subsurface pests . . ." to make clear that rates above 3 lbs product per 1000 sq. ft. are not permitted on these sites.

SYMBOL	7505C						
SURNAME	LEAHY						
DATE	9/30/98						

5. It would be useful to the user to include in the rate table on page 2 the rates expressed in lbs product per acre and lbs active ingredient per acre as they appear on the currently accepted label. Likewise, in the table listing spreader settings, it would be useful to have rates expressed in lbs per 1000 sq. ft.
6. Before printing the final labeling, insert the appropriate spreader settings to the table on page 2 to deliver the correct product dosage.
7. In the second paragraph under PERIMETER TREATMENT, delete from the first sentence the phrase, ". . . and to impart a temporary resistance at these places of attack which may aid in the prevention of immediate reinfestation." This statement implies that the use of this product prevents termite infestations. It has been determined that efficacy data to support this statement would be needed if you wish to retain this statement.
8. After the last sentence in the STORAGE AND DISPOSAL box, insert the following sentence: "If burned, stay out of smoke."

Submit two copies of your final printed labeling before you release the product for shipment. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact John Leahy of my team at (703) 305-6703.

Sincerely yours,

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

Enclosure

**DELTAGARD™
INSECTICIDE GRANULE**

Sale to

- For Use and Storage by Commercial Applicators *ONLY*.
- **NOT FOR USE ON GOLF COURSES OR SOD FARMS**
- [Insecticide on Fertilizer]
- 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 [20, 25, 50] Pounds Treats up to 5,000 [10,000, 12,500, 25,000] sq. ft.]
- Controls Surface-Feeding Pests]
- Ready-To-Use, [Soluble] [Fertilizer] Granule]
- Complete Release of Active Ingredient]
- Kills Ticks (including Lyme Disease Vectors)]
- Contains DeltaGard™]

ACTIVE INGREDIENT:

Deltamethrin0.1%

OTHER INGREDIENTS:99.9%
100.0%

DeltaGard is a trademark of AgrEvo Environmental Health, Inc.

ALTERNATE ADDITIONAL TEXT

[Fertilizer Analysis:

Total Nitrogen (N) (%)
Phosphorous (P) (%)
Potash (K) (%)

{Fertilizer analysis will vary. Numbers will be added to final container labeling.}

EPA Reg. No. 432-836

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

See Side Panel for First Aid and Additional Precautions

ACCEPTED with COMMENT by EPA Letter Date

SEP 30 1998

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

432-836

SEE - 811 NOTE - Not for use in COMMERCIAL GOLF COURSES, NURSERIES, SOD FARMS, OR GRASS GROUND FOR SEED. NOT FOR USE ON 3/6 GOLF COURSE TURF.

FIRST AID *OK - Statements in Direction for use*

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.

IN CASE OF MEDICAL EMERGENCIES OR HEALTH AND SAFETY INQUIRIES, OR IN CASE OF FIRE, LEAKING, OR DAMAGED CONTAINERS, INFORMATION MAY BE OBTAINED BY CALLING 1-800-XXX-XXXX.

FOR PRODUCT INFORMATION, CALL TOLL-FREE: 1-800-XXX-XXXX.

**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. 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.

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

GENERAL INFORMATION: DeltaGard G Insecticide Granule 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 G Insecticide Granule is a 0.1% granular formulation of deltamethrin on a [water soluble] [fertilizer] 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.

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 insects other than fleas and ticks in New York State, a second application may be made after two weeks if target insect activity persists.

RECOMMENDATIONS FOR TURFGRASSES, LANDSCAPE ORNAMENTAL PLANTING AND PERIMETER TREATMENTS:

Apply DeltaGard G Insecticide Granule 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.

vegetable weevils		
Mole crickets	2 to 3 pounds per 1000 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 G Insecticide Granule is a granular formulation. Apply with a fertilizer spreader or equivalent equipment as uniformly as possible.

ALTERNATE ADDITIONAL TEXT

The following table lists application equipment and recommended settings for that equipment for the application of DeltaGard G.

Recommended Spreader Settings for Broadcast Applications

(Numbers to be added to final container labeling)

Equipment	Ground Speed (mph)	Spreader Setting	
		87 lbs/A Once	130.7 lbs/A Twice
Hand-Pushed			
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		

Should be also per 1000 sq ft? to answer - Rate table

INSERT APPROPRIATE SETTINGS

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

Pest	Dosage of Product	Application Procedure
Annual bluegrass weevil (hyperodes adults), ants, armyworms, bermudagrass mites, billbugs (adult), boxelder bugs, centipedes, chiggers, chinch bugs, 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, mealy bugs (adult), scorpions, silverfish & firebees, sod webworms, sowbugs, spiders, spittlebugs, springtails, ticks (including Lyme disease vectors),	2 to 3 pounds per 1000 sq. ft.	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 quality of water to thoroughly moisten grass and thatch and dissolve the insecticide granules. eg 1/4 - 1/2" water

should add 1bs/A + 1bs ai/A as on the old label

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 1000 sq. ft.

For termites, the purpose of such applications of DeltaGard G Insecticide Granule is to kill workers or winged reproductive forms which may be present 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.

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.

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 1 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 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 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 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.

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

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following conditions, warranty 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, because of extreme weather conditions and soil conditions, manner of use and other factors beyond AgrEvo Environmental Health's control, it is impossible for AgrEvo Environmental Health to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: THERE ARE NOT WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY OR OF FITNESS FOR PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of AgrEvo Environmental Health is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. AgrEvo Environmental Health disclaims any liability whatsoever for incidental or consequential damages, including, but not limited to, liabilities arising out of breach of contract, express or implied warranty (including warranties of merchantability and fitness for a particular purpose), tort, negligence, strict liability or otherwise.

LIMITATION OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT AGREVEO

