



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

EPA Reg. Number:

432-868

Date of Issuance:

MAR - 3 1999

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product:

Delta Insecticide Granule

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 you product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a) Revise the EPA Registration Number to read "EPA Reg. No.432-868"
 - b) We do not have on file any efficacy data for the following public health pests you referenced on your label: fleas, cockroaches, and scorpions. Please submit or cite (with MRID numbers) the appropriate efficacy data for these pests. You must submit or cite this data or remove them from the label, and additionally from EPA Reg. No.'s 432-811, 432-836 and 432-837.
- 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.

Signature of Approving Official:

Mary Lynn Keigwin
for George T. LaRocca

Date:

MAR - 3 1999

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

Sincerely,

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

)
Enclosure

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DELTA INSECTICIDE GRANULE

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

FIRST AID

- For Sale to 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 Fertilizer Granule]
- [• Ready-To-Use Soluble Granule]
- [• Complete Release of Active Ingredient]
- [• Kills Ticks (including Lyme Disease Vectors)]
- [• Contains DeltaGard™]

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.

ACCEPTED with COMMENTS by EPA Letter Dated

MAR - 3 1999

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

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

432-8165

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals
Caution

ACTIVE INGREDIENT:

Deltamethrin0.1%

OTHER INGREDIENTS:99.9%
100.0%

DeltaGard is a trademark of AgrEvo Environmental Health, Inc.

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-

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

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.

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.

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

GENERAL INFORMATION: Delta 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. Delta Insecticide Granule is a 0.1% granular formulation of deltamethrin on a 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 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.

RECOMMENDATIONS FOR TURFGRASSES, LANDSCAPE ORNAMENTAL PLANTING AND PERIMETER TREATMENTS:

Apply Delta 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.

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 & firebears, sod webworms, sowbugs, spiders, spittlebugs, springtails ticks (including Lyme disease vectors), vegetable weevils	2 to 3 pounds per 1000 sq. ft. OR 0.08 to 0.13 lbs ai/A OR 87 to 131 lbs/A	Treat when insects first appear. Apply this product uniformly to the pest infested area. Use the higher application rate 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	In order to improve efficacy [For optimum

	1000 sq. ft.	results], irrigate as soon as possible with ¼ to ½ inch of water.
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APPLICATION EQUIPMENT: Delta 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 Delta Insecticide Granule.

Recommended Spreader Settings for Broadcast Applications

(Numbers to be added to final container labeling)

Equipment	Ground Speed (mph)	Spreader Setting	
		87 lbs/A	130.7 lbs/A
Hand-Pushed			
LESCO Rotary	3	Once	Twice
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		

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

Spreaders should be calibrated periodically to ensure that equipment wear or other factors have not altered the flow rate of Delta Insecticide Granule. 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 Delta Insecticide Granule that is applied to a known area and make further setting adjustments, as necessary, to maintain the appropriate application rate.

FLEA AND TICK CONTROL (OUTDOORS): For 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 (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, 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 Delta Insecticide Granule 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 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.

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. If burned, stay out of smoke.

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 ENVIRONMENTAL HEALTH'S ELECTION, THE REPLACEMENT OF PRODUCT.

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

NET CONTENTS:

AgrEvo Environmental Health
95 Chestnut Ridge Road
Montvale, NJ 07645

[Denotes alternate bullet points]