

BEST AVAILABLE IMAGE



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

EPA Reg. Number:
432-834

Date of Issuance:
JAN 16 1998

Term of Issuance: Conditional

Name of Pesticide Product:
Deltagard T&O Insecticide

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. 432-834".
 - b. Revise the front panel statement to read as follows: "Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.
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)

Signature of Approving Official:

Date:

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DELTA GARD™ T&O INSECTICIDE

FOR INSECT CONTROL ON COMMERCIAL AND RESIDENTIAL TURF AND LANDSCAPE ORNAMENTAL PLANTS

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

ACTIVE INGREDIENT:

Deltamethrin: (s)-alpha-cyano-3-phenoxybenzyl-(1R,3R)-3-(2-2-dibromovinyl)- 2,2-dimethylcyclopropanecarboxylate	4.75%
INERT INGREDIENTS:	95.25%
	100.00%

Contains 0.42 lb deltamethrin per gallon.
Delta is a trademark of AgrEvo Environmental Health, Inc.

EPA Reg. No. 432-

EPA Est. No.

PRECAUCION AL CONSUMIDOR: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada 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 Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

See Side Panel for Additional Precautions

NET CONTENTS:

AgrEvo Environmental Health
95 Chestnut Ridge Road
Monrovia, NJ 07645

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.

432-834

PRECAUTIONARY STATEMENTS
Hazards To Humans & Domestic Animals
CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Contact with product may result in transient tingling and reddening of the skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

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

Do not allow adults, children or pets on treated surfaces until spray has dried.

ENVIRONMENTAL HAZARDS

This pesticide 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. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Use with care when applying in areas adjacent to any body of water. Do not apply on saturated soil. Do not contaminate ornamental fish ponds. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

This pesticide is highly toxic to bees exposed to direct treatment. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging.

Notify state and/or Federal authorities and AgrEvo Environmental Health immediately if you observe any adverse environmental effects due to the use of this product.

NOTICE: It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

General Information

DELTAGARD T&O Insecticide is a suspension concentrate formulation of deltamethrin containing the equivalent of 0.42 lb active ingredient per gallon. DELTAGARD T&O Insecticide is a pyrethroid product which controls a broad spectrum of insects on turfgrasses and ornamental plants grown for non-food or non-feed uses. These areas include outdoor areas where turfgrasses and ornamentals are grown, such as athletic fields, recreational areas, residential landscapes, parks, and public and commercial sites. This product will provide effective knockdown and residual control of the pests listed on this label. Uniform coverage is essential. Begin applications when pests are evident and repeat as needed.

General Handling and Mixing Instructions

Shake container well before using. Add approximately one half of the water to the spray tank. Then add the proper amount of DELTAGARD T&O Insecticide in water in accordance with the rates in the RATE OF APPLICATION CHART below. Close the tank and agitate vigorously for 5 to 10 seconds, then add the remaining water slowly to avoid excess foam. Thoroughly agitate sprayer to ensure proper suspension. If spraying is interrupted when using a back-pack or hand-held spray equipment, re-invert sprayer before use. If spray screens are used, they should be 50 mesh or larger. **DILUTE DELTAGARD T&O Insecticide ONLY WITH WATER.** Prepare spray solution when ready to make applications.

Application Instructions and Recommendations

Turfgrass Sites

Apply DELTAGARD T&O as a broadcast application using a conventional hydraulic boom-type sprayer or other suitable equipment for turfgrass pests according to the rates listed in the APPLICATION RATES FOR TURFGRASS SITES Table. Apply using a minimum of 2 gallons of water per 1000 sq. ft. Higher volumes (4 to 10 gallons of water per 1000 sq. ft.) may be needed for adequate coverage of dense turfgrass canopies and/or turfgrasses maintained under high mowing heights.

Target insects must be exposed to the insecticide to be controlled. For optimum control of surface-feeding insects, delay irrigation or mowing for 24 hours after application. For subsurface-feeding insects, irrigate with 0.25 to 0.5 inch of water immediately after application.

Tank Mix Recommendations - DELTAGARD T&O Insecticide has been found to be compatible with many commonly used pest control and fertilizer products. When tank-mixing DELTAGARD T&O, observe all restrictions and precautions and limitations which appear on the label of each product. For any tank-mixture which has not been previously tested, mix the correct proportion of products and water in a quart jar to ensure proper physical compatibility of the mixture.

Tank mixtures of DELTAGARD T&O Insecticide with silicone surfactants may improve the control of some insects.

APPLICATION RATES FOR TURFGRASS SITES

Turfgrass Sites	Pests	Rates	Remarks
Areas such as residential and recreational turf	Ants, armyworms, centipedes, chiggers, cockroaches, crickets, curworms, fleas (adult) grasshoppers, ground beetles, Japanese beetles (adults), leafhoppers, mealybugs, pillbugs, scorpion (adult), scorpions, sod webworms, sowbugs, springtails, spiders, ticks (including deer ticks)	0.4 to 0.6 fl oz/1000 sq ft or 17.5 to 26 fl oz/Acre or 0.06 to 0.08 lb ai/A	Apply when pests become evident. Apply as a broadcast spray in a minimum of 2 gallons of water per 1000 sq ft.
	Annual bluegrass weevil (adult), billbugs (adult), black turfgrass stamius (adult), chinch bugs, mites*, mole crickets	0.6 to 0.9 fl oz/1000 sq ft or 26 to 39 fl oz/Acre or 0.08 to 0.13 lb ai/A	Delay irrigation or mowing for 24 hours after application for optimum control of surface-feeders such as cutworms and webworms. For subsurface-feeders, such as mole crickets, irrigate with 0.25 to 0.5 inch of water immediately after application. The addition of a silicone surfactant may enhance mole cricket control.
	Red imported fire ants**	1.5 fl oz/gallon	

	Mites** Orangestriped oakworms Pillbugs Pine shoot beetles Pine tip moths Pinyon spindlegall midges Plant bugs Redhumped caterpillar Red imported fire ants Sawfly larvae Sowbugs Spiders Springtails Spanworms Scale insects (crawlers) Tent caterpillars Ticks Webworms Yellownecked caterpillar		
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*Will provide antifeedent properties on treated ornamentals against Japanese beetles.
**Suppression only.

NOTES:

1. DO NOT apply DELTAGARD T&O through any type of irrigation system.
2. DO NOT apply this product to edible crops.

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 NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A 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, liability 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.

LIMITATIONS 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 AGREVO ENVIRONMENTAL HEALTH'S ELECTION, THE REPLACEMENT OF PRODUCT.