



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

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

EPA Reg.
Number:

73049-
397

Date of Issuance:

SEP 16 2003

Term of Issuance:

Conditional

Name of Pesticide Product:

Ultratec L & O
Granules

Name and Address of Registrant (include ZIP Code):

Valent Bio Sciences Corporation
870 Technology Way, Suite 100
Libertyville, IL 60048

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 labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration No. 73049-397".

Signature of Approving Official:

Date:

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EPA Reg. No. 73049-397

3. Submit two (2) copies of your final printed labeling before you release the product for shipment.

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 constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Enclosure



ACCEPTED
with COMMENTS
in EPA Letter Dated

SEP 16 2003
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

73049-397

Ultratec® Lawn & Ornamental Granules

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 1-877-315-9819.

- Kills Insects in Lawns]
- Lawn & Garden Insect Control]
- Treats Up To 5,000 (10,000, 15,000) sq. ft.]
- Controls Home Invading Pests]
- For Grass and Dichondra Lawns]
- Contains Deltamethrin]
- For Outdoor Use on Home Lawns]
- Ready-To-Use]
- Provides Contact and Residual Control for up to 4 Weeks]
- Soluble Granule]
- Complete Release of Active Ingredient]
- For Outdoor Use in Ornamental Plant Beds]
- Kills Ticks (Including ticks that carry Lyme disease)]
- Guaranteed to Work or Your Money Back]
- Quick Kill of Fire Ants, Stinging Ants]
- Kills Fire Ants on Contact]
- 5 (10, 25) Pounds Treats up to 75 (150, 375) Fire Ant Mounds]
- Kills Fire Ant Workers, Queens]
- Aids in Control of Mole Crickets]
- Kills Insects Quickly]
- Excellent Value for the Money]
- Guaranteed Control of Lawn & Home-Invading Insects or Your Money Back]
- Kills On Contact]
- Long-Lasting Residual Action]
- Ultratec Granules for a Healthier Lawn]
- Easy & Quick to Apply with a Drop or Broadcast Spreader]
- Long-Lasting Insect Control]
- Kills: Ants, Armyworms (including Fall, Yellow-Striped, etc.), Bear Tick, Bermudagrass Mites, Billbugs (adult), Black-Legged Tick, Boxelder Bugs, Brown Dog Ticks, Centipedes, Chiggers, Chinch Bugs, Clover Mites, Cockroaches, Crickets, Cutworms, Darkling Ground Beetles, Deer Ticks, Digger Wasps, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Fire Ants, Flea Beetles (in dichondra), Grasshoppers, Hyperodes (Turfgrass Weevil), Japanese Beetles (adult), Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders, Spittlebugs, Springtails, Ticks, Vegetable Weevils (in dichondra), Western Black-Legged Tick]

ACTIVE INGREDIENT:
Deltamethrin 0.1%
OTHER INGREDIENTS: 99.9%
100.0%

EPA Reg. No. 73049-397 EPA Est. No.

KEEP OUT OF REACH OF CHILDREN
CAUTION
See Side/Back Panel for Additional Precautions and First Aid

NET CONTENTS:

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.

Environmental Hazards

This product is extremely toxic to fish and aquatic invertebrates (crab, shrimp, etc.). Do not apply directly to water. Use with care when applying in areas adjacent to any body of water. Do not contaminate water when disposing of equipment washwater.

FIRST AID	
Call a poison control center or doctor immediately for treatment advice.	
If Swallowed:	<ul style="list-style-type: none">• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If In Eyes:	<ul style="list-style-type: none">• 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 eye.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-315-9819 for emergency medical treatment information.	

DIRECTIONS FOR USE

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

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.

Not for use in commercial greenhouses, nurseries, on sod farms or grass grown for seed.

To avoid potential marking or discoloration of concrete surfaces (patios, sidewalks, driveways, pavers or similar material), remove granules applied to these surfaces.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

1. Determine size of area to be treated - measure and multiply length times width.
2. Determine appropriate spreader setting using chart.
3. Treat as directed - thorough coverage is important. Water in thoroughly with a half-inch of water. This product is extremely toxic

to fish. Use with care when applying in areas adjacent to any body of water or coastal marsh. Do not apply on saturated soil. Do not allow runoff to occur. Do not contaminate ornamental fish ponds.

4. Keep children and pets off treated areas until this material is washed into turf and grass is dry.

In New York State, this product may not be applied to lawns that directly border coastal marshes. 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.

OVERALL LAWN TREATMENT FOR GRASS AND DICHONDRA LAWNS

To Control: *ants, armyworms (including fall, yellow-striped, etc.), bermudagrass mites, billbugs (adult), boxelder bugs, centipedes, chiggers, chinch bugs, clover mites, cockroaches, crickets, cutworms, darkling ground beetles, digger wasps, Essex skipper, European crane fly larvae, field crickets, fiery skipper, fire ants, flea beetles (in dichondra), grasshoppers, hyperodes (turfgrass weevil), Japanese beetles (adult), lawn moths, leafhoppers, mealy bugs (adult), silverfish & firebrats, sod webworms, sowbugs, spiders, spittlebugs, springtails, vegetable weevils (in dichondra)*: Apply this product uniformly to home lawns, under shrubbery and other ornamental recreational turfgrass areas. Treat when insects first appear using granules at the rate of 2 to 3 pounds per 1000 sq. ft. or, for heavy lawns, such as St. Augustine grass, 3 pounds per 1000 sq. ft. using a fertilizer spreader. See spreader setting chart below. To help obtain uniform distribution, apply one-half required amount of product in one direction, then apply the balance at a right angle. Immediately after application, water the lawn thoroughly with a half-inch of water.

European Cranefly Larvae (Leather Jackets): The best time to apply is in early April when the insects are young.

Chinch Bugs: Start treatments when temperatures reach 80°F or above. A second application may be necessary in 6 weeks if insect activity continues.

Tick Control (Outdoors): In summer months, ticks frequently become established in lawns and pet resting areas surrounding the home. For best 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 (September-October). Fall temperatures below 50°F decrease pest activity. Eliminating weeds around the home and mowing lawns frequently reduces the hiding places for these pests.

NOTE: Dogs, cats, their kennel or bedding area should also be treated with a registered product. In addition, if ticks are indoors on carpets or pet resting areas, use an insecticide, ideally in combination with an Insect Growth Regulator (IGR), registered for such use indoors. It is very important that all three sites - outdoors, indoors and also the pet be treated with appropriate labeled products to achieve satisfactory control. If any of these areas is not treated, it could serve as a source of reinfestation to the entire premises.

Sod Webworms (Crambus spp): *Sod webworms* are the light brown caterpillars 1/4 to 3/4 inch long, that hide in the grass during the day and feed on the grass blades at night. *Adult webworms*, usually referred as *Lawn Moths* (about 1 inch in length with long snout) emerge from the grass at dusk. They fly over the lawn laying eggs that later hatch into destructive caterpillars. Damage appears first as small brown spots which, if not treated, may rapidly develop into large brown areas of severely damaged or dead grass. If *lawn moths (sod webworm adults)* are noticed in large numbers at dusk, or at first sign of damage to lawn, treat entire lawn evenly following Overall Lawn Treatment directions.

BAND (PERIMETER) TREATMENT AROUND HOUSE FOUNDATION

To help prevent infestation of buildings by *ants, boxelder bugs, brown dog ticks, centipedes, cockroaches, clover mites, crickets, field crickets, sowbugs, spiders, springtails (collembola)* 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.

FLOWER, SHRUB AND ORNAMENTAL PLANT BEDS

To control *ants, fire ants, crickets, cutworms, sowbugs, pillbugs, grasshoppers, armyworms, brown dog ticks* and *springtails*, apply granules evenly over soil within the beds and under shrubbery. Use the same dosage recommended for control of these pests in lawns. Water thoroughly with 1/2 inch of water.

SPOT TREATMENT

Ants Nesting Outdoors: This product may be used outdoors for the control of *ants, including acrobat, Argentine, big-headed, cornfield, field, harvester, leafcutter, little black, pavement and pyramid ants*. If possible, it is best to try to locate nest and treat this first. Nests will usually be found in the ground but may be concealed under stones, boards, slabs or in stumps or logs. Product should be applied to thoroughly cover the nest (1 to 2 teaspoons) and sprinkled gently with sufficient water to dissolve granules. In addition to treating ant nests or mounds, entry points of buildings (used by ants) 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 the wasps are not active.

Imported Fire Ants: Apply 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 to avoid disturbing the colony. Use at least 1 gallon of water per mound, but no more than 2 gallons. Use of high pressure watering equipment may disturb the colony and cause migration of the ants, thus reducing the effectiveness of the treatment. For maximum effectiveness, apply in cool weather (65 - 80°F), or in early morning or late evening for best results. Treat new mounds as they appear.

SPREADER SETTINGS

Spreader Make & Model	Setting to Deliver	
	2# / 1000 ft ²	3 # /1000 ft ²
Scotts Drop Spreaders	3.5	3.63
Scotts EasyGreen Rotary	25.5	26.0
Republic EZ Drop	5.25	5.5
Cyclone Model B1 Rotary	3.0	3.5
Sears Craftsman Broadcast	2.0	2.5

STORAGE & DISPOSAL

Storage: Store product in its original container in a cool, dry, locked place out of the reach of children.

Disposal: If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

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

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 Valent BioSciences Corporation. All such risks shall be assumed by the user or buyer.

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SEE INVEN LABEL