83893-21

11/29/2007

Pope 177



U.S. ENVIKONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505C) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460

EPA Reg.	Number:

Date of Issuance

83893-21

NOV 2 9 2007

NOTICE OF PESTICIDE:

x Registration __ Reregistration (under FIFRA, as amended) Term of Issuance: Conditional

Name of Pesticide Product:

Greenleaf Lawn Insect Killer (.1% Deltamethrin)

Name and Address of Registrant (include ZIP Code):

Greenleaf LLC P.O.Box 1700 Lowell, AR 72745

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 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. 83893-21".

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.

Signature of Approving Official:	Date:
George LaRocca	NOV 2 9 2007
Product Manager 13	·
Insecticide Branch	
Registration Division (7505P)] .

EPA Form 8570-6

Greenleaf Lawn Insect Killer (.1% Deltamethrin)

Brackets "[]" denote optional wording. Optional Claims:

- [Kills Insects in Lawns]
- [Lawn & Garden Insect Control]
- [Treats {Covers} Up to 5,000 10,000 15,000 Sq. Ft.]
- [Controls Home Invading Pests]
- [For Grass and Dichondra Lawns]
- [Provides Contact and Long-Lasting Insect Control]
- [For Outdoor Use on Home Lawns]
- [Contains Deltamethrin]
- [Ready to Use]
- [KILLS: Ants, Armyworms (Inc. Fall, Yellow-striped etc.). Bear Tick, Bermudagrass mites, Billbugs (adult), Black Legged Tick, Boxelder Bugs, Brown Dog Ticks, Centipedes, Chiggers, ChinchBugs, Clover Mites, Crickets, Cutworms, Darkling Ground Beetles, Diggerwasps, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Fire Ants, Flea Beetle (in dichondra), Grasshopper, Grubs, Hyperodes (Turfgrass Weevil), Japanese Beetle (adult), Lawn Moths, Leafhoppers, Lone Star Tick, Mole Crickets*, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders, Spittlebugs, Springtails, Ticks, Vegetable Weevils (In dichondra), Western Black Legged Tick (Ixodes pacifus), Adult Mealybugs, Deer Tick (Ixodes dammini). *Aids in control of Mole Crickets]
- [PROTECTS LAWNS AND GARDENS]
- [PROVIDES CONTACT AND RESIDUAL CONTROL FOR UP TO 4 WEEKS]
- [SOLUABLE GRANULES]
- [COMPLETE RELEASE OF ACTIVE INGREDIENT]
- [FOR OUTDOOR USE IN ORNAMENTAL PLANT BEDS]
- [LONG LASTING INSECT CONTROL]
- [KILLS FIRE ANTS ON CONTACT]
- [KILLS ON CONTACT]
- [NO SPREADER REQUIRED]
- [BROADCAST AND MOUND TREATMENT]
- [KILLS FIRE ANTS PLUS INSECTS IN LAWNS]

KILLS TICKS: (Including ticks that carry Lyme Disease)

ACTIVE INGREDIENT:

 Deltamethrin
 0.1%

 INERT INGREDIENTS:
 99.9%

 TOTAL
 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

ACCEPTED
with COMMENTS
In EPA Letter Dated:

NOV 2 9 2007

Under the Federal Insecticide, Franciside, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 83873-2/

See Back Panel (Label) for Additional Precautionary Statements.

NET CONTENTS: XXX Lb (XXX Kg)

Manufactured by: Greenleaf LLC 13960 Palm Rd Neosho, MO 64850

EPA Reg. No. 083893-XXX EPA Est. No. 083893-MO-001

Right Gusset- Greenleaf Lawn Insect Killer (.1% Deltamethrin) Left Gusset- Greenleaf Lawn Insect Killer (.1% Deltamethrin)

Back Panel-

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

PRECAUTIONARY STATEMENTS Hazards to Humans and 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.

all a poison control center or doctor immediately for treatment advice. Ive person sip a glass of water if able to swallow. In not induce vomiting unless told to do so by the poison control center doctor. In not give anything by mouth to an unconscious person.
not give anything by mouth to an unconscious person.
old eye open and rinse slowly and gently with water for 15 to 20 nutes. Remove contact lenses, if present, after the first 5 minutes, then ntinue rinsing eye.
ill poison control center or doctor for treatment advice.
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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 washwaters.

STORAGE AND DISPOSAL

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

DISPOSAL: If empty- Do not reuse this container. Place in trash or offer for recycling if applicable. 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.

DIRECTIONS FOR USE

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

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

GENERAL USE DIRECTIONS [THREE EASY STEPS TO USE THIS PRODUCT]

- 1. [Step #1] Determine size of area to be treated measure and multiply length times width.
- 2. [Step #2] Determine the appropriate spreader setting using chart.
- 3. [Step #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 (Inc. Fall, Yellow-striped etc.) Bermudagrass mites, Billbugs (adult), Boxelder Bugs, Centipedes, Chiggers, ChinchBugs, Clover Mites, Crickets, Cutworms, Darkling Ground Beetles, Diggerwasps, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Fire Ants, Flea Beetle (in dichondra), Grasshopper, Hyperodes (Turfgrass Weevil), Japanese Beetle (adult), Lawn Moths, Leafhoppers, Mole Crickets*, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders, Spittlebugs, Springtails, Ticks, Vegetable Weevils (In dichondra), Adult Mealybugs: Apply this product uniformly to home lawns, under shrubbery, and other ornamental recreational turf grass areas. Treat when insects first appear using granules at the rate of 2 to 3 pounds per 1,000 sq. ft. or, for heavy lawns such as St. Augustine grass, 3 pounds per 1,000 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. Re-treat as necessary. *Aids in control of Mole Crickets

European Cranefly Larvae (Leatherjackets)- 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 CONTROLS (OUTDOORS)

In summer months, fleas and ticks frequently become established in lawns and pet resting areas surrounding the home. For best control of Fleas and Ticks (including but not limited to Bear Tick, Black-legged 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 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 areas should also be treated with a registered product. In addition, if ticks are indoors on carpets or pet resting areas, use a registered product such as (product brand name), ideally in combination with an Insect Growth Regulator. 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 ¼ to ¾ inch long that hide in the grass during the day and feed on the grass blades at night. Adult Webworms, usually referred to 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.

BAND (PERIMETER) TREATMENT AROUND HOUSE FOUNDATION

To help prevent infestation of buildings by Ants, Boxelder Bugs, Brown Dog Ticks, Centipedes, 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 ½ pounds per 500 sq. ft. or 2 to 3 lbs. per 1,000 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 dosage recommended for control of these pests in lawns. Water thoroughly with ½ 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

NOTE: Spreader settings given are approximate and variation can occur between identical models. User should calibrate spreader by accurately weighing a few pounds into your spreader and applying to a measured area. Then adjust spreader setting if necessary to assure correct rate of application.

SPREADER SETTINGS

Spreader Make and Model	Settings to deliver 2 lbs. per 1,000 sq. ft.	Settings to Deliver 3 lbs. per 1000 sq. ft.
Scotts Drop Spreaders	3.5	3.63
Scotts EasyGreen	25.5	26.0
Rotary		
Republic EZ Drop	5.25	5.5
Cyclone Model B1	3.0	3.5
Rotary		1
Sears Craftsman	2.0	2.5
Broadcast		

Note: Spreader settings given are approximate and variation can occur between identical models. User should calibrate spreader by accurately weighing a few pounds into your spreader and applying to a measured area. Then adjust spreader setting if necessary to assure correct rate of application.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty or any other warranty of Merchantability or Fitness for a Particular Purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

Questions or Comments? Contact Greenleaf at 417-451-9996

Manufactured by: Greenleaf LLC 13960 Palm Rd Neosho, MO 64850

EPA Reg. No. 083893-XXX EPA Est. No. 083893-MO-001