



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

83893-4

Date of Issuance:

NOV 29 2007

Term of Issuance: Conditional

Name of Pesticide Product:

Greenleaf Lawn & Garden Insect Control ((.25% Permethrin)

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

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. 83893-4".
 - b. In the thirteenth front panel claim bullet, correct "ROVIDES" to read "PROVIDES".
 - c. Under the heading Overall Lawn Treatment for Grass and Dichondra Lawns, in the Pests column for Billbugs, etc. correct "Ataenius Spretutuls" to read Ataenius spretulus".
 - d. Under the heading Overall Lawn Treatment for Grass and Dichondra Lawns, in the How To Use column for Ants, etc. correct "in 6h weeks" to read "in 6 weeks". Also, in the second sentence of the How To Use column in this same section, correct "brow grass" to read "brown grass".

Signature of Approving Official:

George LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505P)

Date:

NOV 29 2007

- e. Under the heading Band (Perimeter) Treatment Around House Foundation, in the Pests column correct "Tickets" to read "Ticks".
- f. Revise the heading FLEA AND TICK CONTROLS (OUTDOORS) to read FLEA AND TICK CONTROL (OUTDOORS). In the NOTE under this heading, correct "...all three sits- outdoors, indoors..." to read "...all three sites - outdoors, indoors...".

Submit three 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.

Greenleaf Lawn & Garden Insect Control (.25% Permethrin)

Brackets "[]" denote optional wording.

- [Kills Insects in Lawns]
- [Lawn & Garden Insect Control]
- [Treats {Covers} Up to 5,000 10,000 15,000 Sq. Ft.]
- [{10 Pounds Treats 5,000 Sq. Ft.}] [For Perimeter Treatment Around Your House Foundation]
- [For Grass and Dichondra Lawns]
- [Provides Contact and Long-Lasting Insect Control]
- [Contains Synthetic Pyrethroid]
- [For Outdoor Use on Home Lawns]
- [Contains Permethrin]
- [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, Deer Tick (Ixodes dammini), Diggerwasps, Dung Beetles (Ataenius Spretulus), Earwigs, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Fire Ants, Flea Beetle (in dichondra), Fleas, Grasshopper, Grubs, Hyperodes (Turfgrass Weevil), Japanese Beetle (adult), Lawn Moths, Leafhoppers, Lone Star Tick, Scorpions, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders (Inc. Black Widow), Spittlebugs, Springtails, Ticks, Vegetable Weevils (In dichondra), Western Black Legged Tick (Ixodes pacifus)]
- [PROVIDES CONTACT AND RESIDUAL CONTROL FOR UP TO 4 WEEKS]
- [CONTAINS PERMETHRIN, A LONG LASTING INSECTICIDE WHICH PROVIDES CONTACT AND RESIDUAL CONTROL OF OUTDOOR INSECT PESTS.]
- [KILLS ANTS, FLEAS, BROWN DOG TICKS, [TICKS], CRICKETS, CHINCH BUGS, CUTWORMS, BILLBUGS, SOD WEBWORMS, [SPIDERS, SCORPIONS], GRUBS AND OTHER LISTED INSECTS.]
- [LONG LASTING INSECT CONTROL]
- [KILLS 30+ INSECTS]
- [NO SPREADER REQUIRED]
- [BROADCAST AND MOUND TREATMENT]
- [KILLS FIRE ANTS PLUS INSECTS IN LAWNS]

Product Usage: Kills Ants, Fleas, Ticks, Spiders, Scorpions, [sowbugs], Chinch Bugs, Grubs, Sod Webworms and other listed insects.

Use On: Lawns and around shrubbery and house foundations

Amount to Use: 2-3 Lbs. per 1000 sq. ft. [1 Lb. per 500 sq. ft.] for lawn and garden insects. 1-2 tsp. for spot treating ants.

ACCEPTED
with COMMENTS
In EPA Letter Dated:
NOV 29 2007

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under EPA Reg. No.
83893-4

ACTIVE INGREDIENT:

*Permethrin.....0.25%

INERT INGREDIENTS:.....99.75%

TOTAL 100.00%

* Cis/trans ratio: Maximum 55% (±) cis and minimum 45% (±) trans

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back Panel (Label) for Additional Precautionary Statements. [See additional precautionary statements on back of bag.]

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 & Garden Insect Control (.25% Permethrin)
Left Gusset- Greenleaf Lawn & Garden Insect Control (.25% Permethrin)**

Back Panel-

FIRST AID	
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Avoid contamination of food or feed.

Utensils such as teaspoons and measuring cups should not be used for food purposes after use with insecticides.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not apply directly to water. Drifts and runoffs from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters.

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 teaspoons and measuring cups should not be used for food purposes after use with pesticides.

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

Greenleaf Lawn and Garden Insect Control (.25% Permethrin) is recommended for the control of lawn insects, fleas, and ticks outdoors in residential areas. Repeated applications are made by broadcast treatment with a spreader to lawns, under shrubbery, and other ornamental and turf grass areas, band treatments are recommended around house foundation and spot applications are made to ant mounds and wasp nests.

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.

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 where indicated.

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

Treatment Areas	Pests	Use Rate	How To Use
<p>OVERALL LAWN TREATMENT FOR GRASS AND DICHONDRA LAWNS</p>	<p>Ants, Armyworms (Inc. Fall, Yellow-striped, etc.), Bermudagrass mites, Boxelder Bugs, Centipedes, Chiggers, Chinch Bugs, Clover mites, Cockroaches, Crickets, Cutworms, Darkling Ground Beetles, Digger wasps, Earwigs, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Flea Beetle (In dichondra), Grasshopper, Hyperodes (Turfgrass Weevil), Lawn Moths, Leefhoppers, Scorpions, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders (Inc. Black Widow), Spittlebugs, Springtails, Vegetable Weevils, (In dichondra)</p>	<p>Treat when insects first appear using granules at the rate of 2 pounds per 1,000 sq. ft. [14 oz. per 438 sq. ft.] [.75 lb. per 375 sq. ft.] [1 lb per 500 sq ft] [17.5 oz per 547 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.</p>	<p>Apply this product uniformly to home lawns and under shrubbery. 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 lightly. European Crane fly larvae (Leatherjackets) – the best time to apply is in May or June 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.</p>
	<p>Billbugs, Grubs, Japanese Beetle (adult), Dung Beetles (Ataenius Spretutuls)</p>	<p>Use granules at the rate of 2 ½ pounds per 1,000 sq. ft. [.75 lb. per 300 sq. ft.]</p>	<p>Water grass thoroughly after application. For Billbug control, apply when activity is first observed or when chewed or brow grass indicates damage from these insects. For Grub control, except Dung Beetle, treat any time between late July and early October. For Dung Beetle Grub control, apply in spring or early summer when damage is first noticed. Water grass thoroughly with ¼ to ½ inch of water after application. Treat again in late summer or early fall if a second generation occurs.</p>

Treatment Areas	Pests	Use Rate	How To Use
SPOT TREATMENT	Ants nesting outdoors including, Acrobat, Argentine, Big Headed, Cornfield, Field, Harvester, Leafcutter, Little Black, Pavement and Pyramid Ants	Product should be applied to thoroughly cover the nest (1 to 2 teaspoons) and sprinkled gently with water.	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. 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 one cup over, and 2 feet around each fire ant mound.	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. Apply in cool weather (65-80°F), or in early morning or late evening for best results. Treat new mounds as they appear.
BAND (PERIMETER) TREATMENT AROUND HOUSE FOUNDATION	Ants, Boxelder Bugs, Brown Dog Ticks, Centipedes, Cockroaches, Clover Mites, Crickets, Earwigs, Field Crickets, Fleas, Scorpions, Sowbugs, Spiders (Inc. Black Widow), Springtails (Collembola) and Tickets	Treat at a rate of 1 lb per 500 sq. ft. [14 oz. per 438 sq. ft.] [75 lb. per 375 sq. ft.] [17.5 oz per 547 sq. ft.] or 2 lbs. per 1,000 sq. ft.	To help prevent infestation of buildings, apply a 5 foot band of granules next to the house foundation. Distribute granules uniformly. Water lightly after application.

FLEA AND 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 Tick, Brown Dog Tick, Deer Tick (*Ixodes dammini*), Lone Star Tick, Western Black-legged Tick, Wood Tick): a regular treatment program should be followed. Treat once a month 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 fleas and 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 such as (product brand name). It is very important that all three sits-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.

SPREADER SETTINGS

Spreader Make and Model	Grass or Dichondra Lawns at 2 lbs. per 1,000 sq. ft.	White Grubs, Billbugs at 2 ½ lbs. per 1000 sq. ft.	St. Augustine Lawns at 3 lbs. per 1000 sq. ft.
Cyclone Broadcast	3	4	5
Greenview Drop Spred III	3	4	5
Greenview Jet Spred III	4	5	6
Republic Drop EZ530	6 ½	7	8
Republic Broadcast EZ540	2	3	4
Scotts AG3	6	6 ½	7
Scotts SG3	4	4 ½	5
Scotts EG3	24	25	26
Scotts PF4	6	6 ½	7
Sears Drop 1927	5 ½	6	7
Sears Broadcast 1922	5 ½	6	7

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