

183893-20

09/19/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number: 83893-20

Date of Issuance: SEP 19 2007

Term of Issuance: Conditional

Name of Pesticide Product: Greenleaf Lawn Insect Control Granules

NOTICE OF PESTICIDE:
[X] 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. You will 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. You will make the following label changes before you release the product for shipment:

a. Revise the EPA Registration Number to read "EPA Registration Number 83893-20."

b. Please change "Contains permethrin, a long lasting insecticide which provides contact and residual control for up to 4 weeks for troublesome outdoor insect pests." to "Contains permethrin, a long lasting insecticide which provides contact and residual control for up to 4 weeks for named outdoor insect pests."

Signature of Approving Official:

Date:

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c. Change "Active Ingredient: Permethrin" to "Active Ingredient: Permethrin**".

d. Change "CAS# 52645-53-1" to "**CAS# 52645-53-1".

e. Under Product Disposal delete "As a responsible environmental practice, where possible it is recommended that all of the contents of the bag be used, carefully following label directions and precautions."

3. Please note that a notice of availability of EPA's registration eligibility document (RED) for product containing Permethrin was published in the FR on June 28, 2006 (Vol71 No. 124 page 36788). Additional data and/or labeling changes may be required for products containing Permethrin.

4. Please submit two (2) copies of your final printed labeling before releasing 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 bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

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Greenleaf Lawn Insect Control Granules

Text In Brackets "[]" is optional

For Lawn Insect Control and as a barrier band treatment around house foundation. Contains permethrin, a long lasting insecticide which provides contact and residual control for up to 4 weeks for troublesome outdoor insect pests.

EPA Reg No. 83893-XXX

EPA Est No. 83893-MO-1

Net Weight: XXXX lbs (XXX Kg)

Active Ingredient: Permethrin	0.25%
Other Ingredients:.....	99.75%
	Total 100.00%

CAS# 52645-53-1

ACCEPTED
with COMMENTS
to EPA Letter Dated

SEP 19 2007

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
83893-20

- Ready to Use
- Kills on contact
- Up to 4 weeks control as a premise treatment
- Protects your home from invading ants
- Also stops spiders, roaches, ants, fleas, brown dog ticks and others as listed
- For the Lawn.
 - Kills: Grubs, Fleas, Ants, Crickets, Brown Dog Ticks, Fire Ants, Chinch Bugs, Armyworms, Billbugs, Cutworms, Earwigs, Sod Webworms and other listed insects.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STOP. READ ENTIRE LABEL BEFORE USE.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For outdoor use around the home only.

Three Easy Steps to Use this Product

1. Determine the size of the job, measure the area to be treated.

2. Use spreader setting chart to determine appropriate setting for your spreader.
3. Treat as directed in rate chart. Thorough coverage is important. Water in granules where indicated.

DIRECTIONS FOR APPLYING LAWN INSECT CONTROL GRANULES

Treatment Areas	Target Pests	Remarks (How to Use)	Use Rate
Band Treatment Around outside of house foundation	Ants*, Fleas, Browndog ticks, Millipedes, Clover mites, Roaches, Spiders, Silverfish, Sowbugs (Pillbugs), Crickets Earwigs	These pests are commonly found around or near foundations of house as well as in lawns. Certain of these pests may enter houses. Apply a 5-foot band of granules next to the house foundation. Distribute granules uniformly. Water lightly after application.	3.2 oz for each 100 sq ft area (5 ft by 20 ft)
Overall Lawn Applications for Grass and Dichondra Lawns	Ants*, Armyworms, Browndog ticks, Chinch bugs, Clover mites, Crickets, Cutworms, Earwigs, Fleas, Lawn moths (Sod webworms), Leaf hoppers, Millipedes, Sowbugs	Apply with a fertilizer spreader. See spreader setting chart on this label. Apply when grass is dry. Water lightly after application.	For application with other types of equipment, apply at the rate of 2 lbs per 1,000 sq. ft.(an area 20' x 50') or 3.2 oz per 100 sq ft (an area 10' x 10'). For heavy growth lawns such as St. Augustine grass, increase rate to 3 lbs per 1000 sq ft equal to 4.8 oz per 100 sq ft.
	Billbug, Japanese beetle grubs, <i>Ataenius spretulus</i> (dung beetles)	Water grass thoroughly after application. For billbug control apply when activity is first observed or when chewed or brown grass indicates grass root damage. For grub control, except for dung beetle, treat anytime between late July and early October. For dung beetle grub control, apply in spring or early summer when damage is first	Apply 2.5 lbs per 1000 sq. ft.

		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.	
Spot Treatments	Ants*	Water lightly after application	Apply 1 ½ teaspoons on and around each ant hill.
Spot Treatments	Fire Ants	Thoroughly and gently spray water mist or lightly sprinkle each fire ant mound after applying granules. A minimum of 1 gallon of water should be applied to each mound area. Repeat if ants reappear. Forceful application may simply cause ants to migrate, reducing product effectiveness. Apply in cool weather, 65 to 80 degrees F. or in early morning or late evening hours. Treat new ant mounds if they appear.	Gently apply 1 cup of granules over and around each Fire Ant Mound.

* Argentine, Southern, Field, Allegheny Mound, Florida Carpenter, Black Carpenter, Cornfield, Honey, Pavement, Nuisance

SPREADER SETTINGS

Spreader Make and Model	Pounds per 1,000 sq. ft.		
	Grass or Dichondra Lawns 2 lbs	St. Augustine Lawn 3 lbs	White grubs, Billbugs 2 lbs.
Central No. 1662-G	6 ½	7 ¼	7
Central Suburbia Lawn Spreader No. 1622-O	6 ½	7 ½	7
Cyclone Model B1 Rotary	4 ½	5	4 ¾
Greenfield Model 105	6 ½	7 ¼	6 ¾
Ortho Drop Spreader Model #3000	4 ½	5 ½	5
Ortho Broadcast	4 ½	7	6

Spreader Model #4000			
J.C. Penny Model #6005	7 ¼	8	7 ½
J.C. Penny Rotary Spreader	5	7	6
Scott Model 35	4	5	4 ½
Sears Craftsman Model # 671.19198	6	7	6 ½

Note: The spreader settings listed above are approximate. Accurately weight a few pounds into your spreader and apply to a measured area. Then adjust spreader setting if necessary, in order to assure correction rate of application.

BAND TREATMENT AROUND THE HOME

The following pests are commonly found around or near foundations of homes as well as in lawns. Some pests attempt to enter the home. To prevent insect entry into the home apply around the home foundation a 3 to 5 foot barrier band of granules using 3.2 oz per 100 sq. ft. area (5' x 20'). This will control Ants*, Fleas, Brown dog ticks, Clover mites, Crickets, Earwigs, Millipedes, Silverfish, Sowbugs (Pillbugs). Water lightly after application. Repeat as needed.

SPOT TREATMENT FOR ANTS*

1. Evenly sprinkle granules over and around each anthill.
2. Use ½ oz (1 ½ teaspoons) per ant hill.
3. Gently water treated areas.

*Argentine, Southern, Field, Allegheny Mound, Florida Carpenter, Black Carpenter, Cornfield, Honey, Pavement, Nuisance

SPOT TREATMENT FOR FIRE ANTS

Apply 1 cup over and 2 ft around each fire ant mound. Immediately after application, water in thoroughly. A minimum of 1 gallon of water should be applied to each mound area. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. NOTE: For best results, apply in cool weather, 65-80° F, or in early morning or late evening hours. Treat new mounds as they appear.

STORAGE AND DISPOSAL

STORAGE: Store this product in its original container in a dry, cool, secured area. Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

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PRODUCT DISPOSAL: As a responsible environmental practice, where possible it is recommended that all of the contents of the bag be used, carefully following label directions and precautions.

IF EMPTY: Do not reuse this bag. Place in trash or offer for recycling if available.

IF PARTLY FILLED: Call your local waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid inhalation of dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water 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.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice. Wash clothing before wearing.

IF INHALED: 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 a poison control center or doctor for further treatment advice. Have this product container or label with you when calling a poison control center, or doctor, or when going for treatment.

ENVIRONMENTAL HAZARDS

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

Distributed By:

Greenleaf llc

13960 Palm Rd

Neosho, Mo 64850

417-451-9996

EPA Reg No: 83893-XXX EPA Est. No. 83893-MO-1

Made in the USA