

83893-19

10/02/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

83893-19

Date of Issuance:

OCT 2 2007

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Greenleaf Grub Killer II

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 section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes before you release the product for shipment:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 83893-19".
  - b. Within the **WHAT GRUB KILLER II DOES** section of the label, revise the sentence "These newly hatched insects re highly susceptible to Grub Killer II, and are killed before they become large enough to cause turf damage." to read "These newly hatched insects are highly susceptible to Grub Killer II, and are killed before they become large enough to cause turf damage."

Signature of Approving Official:

Kable Bo Davis, Entomologist  
Insecticide-Rodenticide Branch, Registration Division (7505P)

Date:

OCT 2 2007

- c. Within the **WHAT GRUB KILLER II DOES** section of the label, revise the sentence "*Be sure that you describe the product you are using when seeking such advice.*" to read "*Be sure that you describe the product you are using when seeking such advice.*"
- d. Within the **FIRST AID** section of the label, include the following:
  - "If Inhaled*
    - Move person to fresh air.*
    - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.*
    - Call a poison control center or doctor for further treatment advice."*
- e. Within the **First AID** section of the label, include the following sentence "*You may call 1-800-222-1222 for medical emergency information.*"
- 3. The data requirements for storage stability (830-6317) and corrosion characteristics (830- 6320) have not been satisfied, and must be submitted within eighteen months of the date of this letter.
- 4. Submit one copy of the revised final printed label for the record 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.

Kable Bo Davis  
Entomologist  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

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### Greenleaf Grub Killer II

Brackets “[ ]” denote optional wording.

- [Season-long grub control]
- [Use anytime...spring through late summer]
- [For residential use on lawns and landscaped lawns.]
- [Kills white grubs and mole crickets early, before they damage your lawn]
- [Apply before insects hatch to prevent turf damage]
- [One application controls grubs all season long]
- [One application stops grubs all season long]

**ACTIVE INGREDIENT:**

Imidacloprid.....0.2%  
 OTHER INGREDIENTS:.....99.8%  
 TOTAL 100.00%  
 CAS# 138261-41-3

**STOP- READ THE LABEL BEFORE USE  
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 Grub Killer  
Left Gusset- Greenleaf Grub Killer**

**Back Panel-**

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

OCT 2 2007

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

83893-19

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION: Harmful if swallowed or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.**

<b>FIRST AID</b>	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call poison center or doctor immediately for treatment advice</li> <li>• Drink one or two glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. If syrup of ipecac is available, administer 1 tablespoonful (15 ml) of syrup of ipecac followed by 1 to 2 glasses of water. If vomiting does not occur within 20 minutes, repeat the dose once.</li> <li>• Do not induce vomiting or give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Get medical attention if irritation occurs.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

Note to Physician: No specific antidote is available. Treat the patient symptomatically.

### **ENVIRONMENTAL HAZARDS**

This product is highly toxic to aquatic invertebrates. Do not apply directly to water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

### **WHAT GRUB KILLER II DOES**

White grubs can cause extensive damage to turf by feeding on grass roots. Affected turf turns yellow, then brown, and is easily pulled up in pieces with your hands. Mole crickets can seriously damage lawns by their tunneling activity. Some species also feed on the grass roots, as well. Grub Killer II prevents turf damage by killing grubs and mole crickets when they are newly hatched and before they can cause turf damage.

Grub Killer II works best when applied before grubs and mole crickets hatch. The active ingredient will remain in the root zone of the turf until the eggs of grubs or mole crickets hatch. These newly hatched insects are highly susceptible to Grub Killer II, and are killed before they become large enough to cause turf damage. Grub Killer II also kills grubs in landscaped ornamental areas containing flowers, ground covers, shrubs and trees.

If you have questions regarding the best time to make applications in your area, you can consult your local County University Extension Office. Be sure that you describe the product you are using when seeking such advice.

### **HOW TO APPLY GRUB KILLER II LAWN AND GARDEN INSECTICIDE**

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For residential use on lawns and landscaped areas.

**READ ALL DIRECTIONS FOR USE AND CONDITIONS OF SALE BEFORE USING**

**APPLICATIONS TO LAWNS:**

**Pests Controlled:** White grubs (including the larvae of Japanese beetle, Oriental beetle, Chafers, Asiatic garden beetle, May or June beetles, and black turfgrass ataenius) and mole crickets.

**How to Apply:** Using either a drop-type or rotary-type spreader, apply Greenleaf Grub Killer II uniformly over the area being treated. Avoid the use of spreaders which may apply the product in narrow, concentrated or uneven bands. Calibrate your spreader according to the spreader manufacturer's directions to ensure the proper amount of Greenleaf Grub Killer II is applied. Check frequently to be sure spreader is working properly and spreading granules evenly.

**After applying:** Greenleaf Grub Killer II will work best if the lawn is watered thoroughly or if rainfall occurs within 24 hours after application to move the active ingredient through the thatch and down into the soil. Avoid mowing lawn until watering or rainfall has occurred so that the uniformity of the granules is not distributed.

**When to Apply:** Greenleaf Grub Killer II works best when applied before grubs and mole crickets hatch.

**For best results, apply as follows:**

<b>White grubs</b>	Apply once, anytime from April through mid-August
<b>Mole crickets</b>	In Florida, apply once from early April through early May. Elsewhere, apply once from mid-May through mid-June.

**DO NOT apply Greenleaf Grub Killer II when turf areas are waterlogged. The product may not work effectively under these conditions.**

**How much to apply:** For control of white grubs, Greenleaf Grub Killer II should be applied at the rate of 2.87 pounds per 1,000 square feet. For mole cricket control, apply 3.8 pounds per 1000 square feet. The table can be used as a guide for applying the proper rate of Greenleaf Grub Killer. However, the application rate can vary depending on the speed of application and the condition of the spreader. For best results, use a normal, steady pace when applying to obtain an accurate, even application.

[Spreader Setting Table to be Inserted Here]

**APPLICATION TO LANDSCAPE PLANTINGS  
(Trees, Shrubs, Evergreens, Flowers, Ground covers)**

**Pests Controlled:** White grubs (including larvae of Japanese beetle, Oriental beetle, chafers, Asiatic garden beetle, May and June beetle, and black turfgrass ataenius).

**How to Apply:** Apply as a broadcast treatment to soil, mulch or other substrate. Prior to application, remove black plastic from area to be treated to allow water to penetrate the soil. Permeable weed barriers need not be removed prior to application.

**After Applying:** Greenleaf Grub Killer II will work best if material is worked into the soil around plants or if a through watering or rainfall occurs within 24 hours after application to move the product down through mulch and into the soil.

**When to Apply:** The best control of grubs will be obtained if Greenleaf Grub Killer II is applied before grubs begin to hatch. For best results, application should occur from April through mid-August.

DO NOT apply to waterlogged areas. Greenleaf Grub Killer II may not work effectively under these conditions.

**How much to apply:** Greenleaf Grub Killer II should be applied at the rate of 2.87 pounds per 1,000 square feet. This XXX pound bag will treat XXX square feet of landscaped area. The table above can be used as a guide for applying the proper rate of Greenleaf Grub Killer II. However, this application rate can vary depending on the speed of application and the condition of the spreader.

**NOTE: DO NOT apply Greenleaf Grub Killer II to vegetable gardens.**

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or 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.

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