



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

EPA Reg. Number:

7401-454

Date of Issuance:

DEC 4 2003

Term of Issuance:

Conditional

Name of Pesticide Product:

Hi-Yield® Lawn Insect Granules II

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Voluntary Purchasing Groups, Inc.  
P. O. Box 460  
Bonham, TX 75418

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 you product under FIFRA section 4.
2. Make the following labeling changes:
  - a. Revise the EPA Registration Number to read "EPA Reg. No. 7401-454"
  - b. Change "cause" to "carry" in the front panel tick claim, so that it reads "KILLS TICKS (Including those known to carry Lyme disease and Rocky Mountain Spotted Fever)"
  - c. Change "firebears" to "firebrats" in the Pest column of the table on page 3.
  - d. Revise the last sentence of the first paragraph of the "Hazards to Humans and Domestic Animals" to read: "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco."
  - e. Move the second paragraph of the "Hazards to Humans and Domestic Animals", which begins "Food utensils such as sponges and measuring cups ...", to the Directions for Use, preferably under "General Information."

Signature of Approving Official:

*Susan L. Stanton, for*

George T. LaRocca

Date:

DEC 4 2003

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[FRONT LABEL PANEL]

# Hi-Yield® Lawn Insect Granules II

**FOR RESIDENTIAL USE ONLY**

- [● KILLS INSECTS IN LAWNS]
- [● LAWN INSECT CONTROL]
- [● CONTROLS HOME INVADING PESTS]
- [● 10 POUNDS TREATS UP TO 5,000 SQ. FT.]
- [● 20 POUNDS TREATS UP TO 10,000 SQ. FT.]
- [● 25 POUNDS TREATS UP TO 12,500 SQ. FT.]
- [● 50 POUNDS TREATS UP TO 25,000 SQ. FT.]
- [● CONTROLS SURFACE FEEDING PESTS]
- [● FOR GRASS AND DICHONDRA LAWNS]
- [● FOR OUTDOOR USE ON LAWNS]
- [● CONTAINS DELTAMETHRIN]
- [● READY-TO-USE]
- [● SOLUBLE GRANULE]
- [● COMPLETE RELEASE OF ACTIVE INGREDIENT]
- [● KILLS TICKS(Including those known to cause Lyme disease and Rocky Mountain Spotted Fever)]
- [ ]-Denotes Optional Statements

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
DEC 4 2003**

*Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
7401-454*

**ACTIVE INGREDIENT:**

Deltamethrin: (s)-alpha-cyano-3-phenoxybenzyl-  
(1R,3R)-3-(2-2 dibromovinyl)-2,2-dimethyl  
cyclopropanecarboxylate ..... 0.1%

**INERT INGREDIENTS:** ..... 99.9%

**TOTAL:** ..... 100.0%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**See Back/Side Panel for Additional Precautionary Statements**

Net Weight \_\_\_\_\_

**[BACK/SIDE LABEL PANEL]**

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

**STORAGE:** Store in original container. Keep in an area inaccessible to children and pets.

**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.

**GENERAL INFORMATION:** Hi-Yield® Lawn Insect Granules II is a broad spectrum residual insecticide for the control of certain insects in home lawns.

Treat as directed - water in granules with ½ inch of water. This product is extremely toxic to fish. Use with care when applying in areas adjacent to any body of water. Do not apply on saturated soil. Do not allow runoff to occur. Do not contaminate ornamental fish ponds.

In New York State, this product may not be applied to lawns that directly border coastal marshes. For control of turf insects other than fleas and ticks in New York State, a second application may be made after two weeks if target insect activity persists.

Not for use in commercial greenhouses or nurseries.

Not for use on sod farms, grass grown for seed or on golf course turf.

**HOME LAWN RECOMMENDATIONS:** Use Hi-Yield® Lawn Insect Granules II to control specified pests of lawns.

Apply Hi-Yield® Lawn Insect Granules II to give complete and uniform coverage of pest infested areas. Applications should be made using the rates shown below.

**[BACK/SIDE LABEL PANEL CONTINUED]**

<b>Pest</b>	<b>Dosage of Product</b>	<b>Application Procedure</b>
Ants, armyworms, bermudagrass mites, billbugs (adult), boxelder bugs, centipedes, chiggers, chinch bugs, clover mites, cockroaches, crickets, cutworms, darkling ground beetles, digger wasps, essex skipper, field crickets, fiery skipper, fire ants, flea beetles, fleas, grasshoppers, hyperodes, Japanese beetles, lawn moths, leafhoppers, mealy bugs (adult), mole crickets (aid in control), scorpions, silverfish & firebeards, sod webworms, sowbugs, spiders, spittlebugs, springtails ticks (including Lyme disease vectors), vegetable weevils	2 to 3 pounds per 1000 sq. ft.	Apply this product uniformly to home lawns, under shrubbery and other ornamental recreational grassy areas. Treat when insects first appear. Immediately after application, water the lawn thoroughly with half an inch of water. Retreat only as necessary to maintain insect control.
European crane fly larvae (Leather jackets)	2 to 3 pounds per 1000 sq. ft.	Apply in early April when insects are young.
Chinch bugs	2 to 3 pounds per 1000 sq. ft.	Start treatment when temperatures reach 80°F or above. A second application may be necessary in 6 weeks if insect activity continues.

**APPLICATION EQUIPMENT:** Hi-Yield® Lawn Insect Granules II is a granular formulation. Apply with a fertilizer spreader or equivalent equipment as uniformly as possible. The following table lists application equipment and recommended settings for that equipment for the application of Hi-Yield® Lawn Insect Granules II.

[BACK/SIDE LABEL PANEL CONTINUED]

{Spreader settings may vary. Numbers will be added to final container labeling.}

Spreader Make & Model	Setting to Deliver	
	2#/1000 ft <sup>2</sup>	3#/1000 ft <sup>2</sup>
Scotts Drop Spreaders		
Scotts EasyGreen Rotary		
Republic EZ Drop		
Cyclone Model B1 Rotary		
Sears Craftsman 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 spreader and applying to a measured area. Then adjust spreader setting if necessary to ensure correct rate of application.

FLEA AND TICK CONTROL (OUTDOORS): For control of fleas and 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).

SOD WEBWORMS: If Lawn Moths (Sod Webworms Adults) are noticed in large numbers at dusk, or at first sign of damage to lawn, treat entire lawn evenly.

PERIMETER TREATMENT: To help prevent infestation of buildings by ants, boxelder bugs, brown dog ticks, centipedes, cockroaches, clover mites, crickets, field crickets, fire ants, fleas, scorpions, 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 1½ pounds per 500 sq. ft. or 2 to 3 pounds per 1000 sq. ft.

SPOT TREATMENT: To control ants, including Acrobat, Argentine, Big-Headed, Cornfield, Harvester, Leafcutter, Little Black, Pavement and Pyramid Ants. If possible, locate and treat nest first. Product should be applied to thoroughly cover the nest (1 to 2 teaspoons) and sprinkled with sufficient water to dissolve granules. In addition to treating ant nests or mounds, entry points of buildings and the soil surface along the perimeter of the building should be treated.

**[BACK/SIDE LABEL PANEL CONTINUED]**

**DIGGER WASPS:** Apply 1 to 2 teaspoons of granules in and around each individual ground nest opening. Make the application at dusk when 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 can to avoid disturbing the colony. Use at least 1 gallon of water per mound. Apply in cool weather during the spring and fall (65 - 80°F) or in early morning or late evening for best results. Treat new mounds as they appear. If possible, make applications after a recent rainfall.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, 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.

<b>FIRST AID</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 or 1-800-900-4044 for emergency medical treatment information.	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</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 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</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>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

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**[BACK/SIDE LABEL PANEL CONTINUED]**

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fish and aquatic invertebrates (crabs, shrimp, etc.). Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Use with care when applying in areas adjacent to any body of water. Do not contaminate water when disposing of equipment washwaters.

**NOTE:** Buyer assumes all risks of use, storage or handling of this product not in strict accordance with directions given herewith. Voluntary Purchasing Groups, Inc. warrants this product to conform to the chemical description on the label and for the purposes stated on the label. The limit of any liability incurred shall be the purchase price paid by the user or buyer.

**VOLUNTARY PURCHASING GROUPS, INC.**

**P.O. Box 460**

**BONHAM, TEXAS 75418**

**EPA Reg. No. 7401-XXX**

**EPA Est. No. 7401-TX-1**

REVISED: 09-12-03

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