



40849-30

03/24/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MAR 24 2003

Ms. April Hawkes
Enforcer Products
a division of Acuity Specialty Products Group, Inc.
P.O. Box 1060
Cartersville, GA 30120-1060

Dear Ms. Hawkes:

Subject: Amendment - Update First Aid per PR Notice 2001-1,
Update Storage and Disposal per PR Notice 2001-6,
and minor text revisions
Enforcer Ant Kill Granules II
EPA Registration Number 40849-30
Your submission dated March 3, 2003

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable and a stamped copy is enclosed for your records.

When preparing the finished label, please incorporate the following revisions:

- a. Under the heading Vegetables - Insect Control, revise item "2" of the Special Precautions to Reduce Risks to Birds, "Covered with soil or thoroughly mix into the soil spilled or visible granules," to read "Cover with soil or thoroughly mix into the soil spilled granules or granules visible on the soil surface."
- b. Under the heading Vegetables - Insect Control, revise the second sentence of the second paragraph of the Special Precautions to Reduce Risks to Birds, "Uniformly as directed for each crop.", to read "Apply uniformly as directed for each crop."
- c. Under the heading Storage and Disposal, in the second sentence of the Storage directions, delete the second comma after "herbicides" and add a comma after "feed".
- d. Under the heading Storage and Disposal, after the sentence ending "or other pesticides", add the subheading **Disposal**.

- e. Under the heading **Storage and Disposal**, replace “If Partly Filled:” before “Do not reuse...” with “If Empty:”. Then, in the first sentence of this section, add a period after “container”.
- f. Under the heading **Storage and Disposal**, in the “If Partly Filled” directions, delete the second period after “instructions”.
- g. In the **Environmental Hazards** text, revise “Cover with soil or thoroughly mix into the soil spilled or visible granules.” to read “Cover with soil or thoroughly mix into the soil spilled granules or granules visible on the soil surface after applying this product in the vegetable garden.”. This clarification is necessary since granules may also be visible on the grass blades of treated lawns, and for that use watering-in is recommended rather than covering with soil.

Please submit 5 copies of labeling bearing the above revisions as soon as it becomes available. Thank you for your cooperation in this regard.

Sincerely,

George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

ENFORCER® ANT KILL GRANULES II

Treats up to 500 Sq. Ft.

For Outdoor Use Only on the Home Lawn and Home Garden
This Product Must Not be Used on Golf Courses and Sod Farms

Contains 5% Diazinon [Insecticide]
Ready-to-Use Granules

ACCEPTED
with COMMENTS
In EPA Letter Dated:
MAR 24 2003

**Kills: Ants, Armyworms,
Bermudagrass Mites, Billbugs, Brown Dog Ticks,
Chiggers, Chinch Bugs, Crickets, Cutworms,
Earwigs, Fire Ants*, Fleas,
Onion Maggots, Root Maggots, Sod Webworms,
White Grubs (of European Chafer, Japanese Beetle and Southern Chafer),
Wireworms and Other Insects as listed in the Directions for Use**
*Aids in control

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
40849-30

Active Ingredient:

Diazinon 5%

Other Ingredients 95%

Total 100%

Keep Out of Reach of Children
CAUTION
See back panel for additional precautionary statements.

Net Weight: 1 Lb. (16 Oz. / 454 g)

(Back Panel)

Enforcer® Ant Kill Granules II

DIRECTIONS FOR USE

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

In lawns Ant Kill Granules II kills: Ants, Armyworms, Bermudagrass mites, Billbugs, Brown dog ticks, Chiggers, Chinch bugs, Clover mites, Crickets, Cutworms, Digger wasps, Earwigs, Fire ants*, Fleas, Lawn moths, Leafhoppers, Millipedes, Sod webworms, Sowbugs (Pillbugs), Springtails and White grubs of European chafer, Japanese beetle and Southern chafer. *Aids in control.

In gardens Ant Kill Granules II kills: Cutworms, Mole crickets, Onion maggots, Root maggots and Wireworms.

Overall Lawn Application
Special Precautions to Reduce Risk to Birds

Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed. To reduce risks to birds: 1) Do not treat areas larger than 15,000 sq. ft.; 2) Because of the migratory habits of certain waterfowl, do not apply in Nassau County, NY between 11/1 and 5/20; 3) Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds, especially waterfowl; 4) Avoid overlapping treated areas; 5) Follow all watering instructions in the directions for use, however, stop watering before puddling occurs; 6) Do not apply this product to sites occupied by waterfowl or to sites within 75 feet of any body of water, such as lakes or ponds, that may attract waterfowl; 7) If it is necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than 4 applications per year.

Ant Kill Granules II controls certain lawn insects on both grass and dichondra lawns. Apply Ant Kill Granules II with a fertilizer spreader. Refer to the tables that follow for use rates and spreader settings.

Pest	Rate*	Timing/Special Directions
Ants, Armyworms, Bermudagrass mites, Brown dog ticks, Chiggers, Chinch bugs, Clover mites, Crickets, Cutworms, Earwigs, Fleas, Lawn moths (sod webworms), Leafhoppers, Millipedes, Sowbugs (Pillbugs), Springtails (<i>Collembola</i>)	2 lbs. per 1000 sq. ft. [1 Lb. Per 500 Sq. Ft.]	Apply when grass is dry. Lightly water lawn 1 after application. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year.
Billbugs, White grubs of European chafer, Japanese beetle, Southern chafer, <i>Ataenius spretulus</i> (dung beetle)	2 lbs. per 1000 sq. ft. [1 Lb. Per 500 Sq. Ft.]	Water grass with at least ¼ inch of water after application, however, stop watering before puddling occurs. For billbug control, apply when activity is first observed or when chewed grass indicates damage. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year. For grub control, except dung beetle, treat any time between late July and early October. For dung beetle grub control, apply in spring or summer when damage is first noticed. Water grass with at least ¼ inch of water after application, however, stop watering before puddling occurs. Treat again in late summer or early fall, if a second generation occurs.
Hyperodes weevils	2 lbs. per 1000 sq. ft. [1 Lb. Per 500 Sq. Ft.]	Water grass with at least ¼ inch of water after application, however, stop watering before puddling occurs. Treat problem areas in mid-April and again in mid-May.

*1000 sq. ft. = an area 20 ft. x 50 ft.
100 sq. ft. = an area 10 ft. x 10 ft.
2 lbs. per 1000 sq. ft. = 3.2 oz. per 100 sq. ft.

Note: The spreader settings listed below are approximate. Accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust the spreader setting, if necessary, in order to assure correct application rate .

Lawn Spreader Setting Number**
(To deliver 2 lbs. per 1000 sq. ft.)

Spreader Make and Model	Setting
Central Imperial Mark No. 1662-G	6½
Central Suburbia lawn Spreader No. 1662-0	6½
Cyclone Model B1 Rotary	4½
Greenfield Model 105	6½
ORTHO Drop Spreader Model 3000	4½
ORTHO Broadcast Spreader Model 4000	4½
J.C. Penney Model 6005	7¼
J.C. Penney Rotary Spreader	5
Scott Precision Flow Spreader Model PF-4	4
Sears Craftsman Model 671.19198	6

**For application with other types of equipment apply at the rate of 2 lbs. per 1000 sq. ft. [1 Lb. Per 500 Sq. Ft.]

Lawn Spot Treatment

Ants: Apply 1½ teaspoons of Ant Kill Granules II over and around each ant hill.

Fire Ants: To aid in the control of fire ants in home lawns and other outdoor home recreation areas, apply ½ cup over, and 2 feet around, each fire ant mound. Immediately after application thoroughly water-in. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. Apply a minimum of 1 gallon of water to each mound area. Reapply as necessary. **Note:** For best results, apply in cool weather, 65-80°F, or in early morning or late evening hours. Works within 24 hours. No waiting for days or weeks. Treat new mounds as they appear.

Digger Wasps: Apply 1½ teaspoons of Ant Kill Granules II in and around each nest opening. Apply at dusk when wasps are not active.

Band Treatment Around House Foundation

The following pests are commonly found around or near foundations and may enter the house: Ants, Brown dog ticks, Clover mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs (Pillbugs) and Springtails (*Collembola*). Apply a 2-foot band of Ant Kill Granules II next to the house foundation. Uniformly Distribute granules, using a rate of 3.2 oz. for each 100 sq. ft. of area (2' x 50') treated. If necessary, repeat application at 3 week intervals.

Vegetables – Insect Control

Special Precautions to Reduce Risk to Birds

Birds feeding on treated areas may be killed. To reduce risk to birds: 1) Thoroughly mix Ant Kill Granules II into the soil during or immediately after application. Refer to the **Soil Incorporation** table that follows; 2) Covered with soil or thoroughly mix into the soil spilled or visible granules.

Ant Kill Granules II controls certain garden insects on crops listed in the following table. Uniformly as directed for each crop. When a range of rates is given, use the higher rate only for heavier infestations. Do not apply this product in greenhouses. Thoroughly mix granules into the soil during or immediately after application.

Soil Incorporation

Insect	Depth of Mixing or Incorporation into Soil
Surface cutworms*	2-3 inches
Subterranean cutworms*	3-6 inches
Mole crickets	1-2 inches
Root maggots	3-4 inches
Wireworms	4-8 inches

*If type of cutworm cannot be identified, mix into soil 4-6 inches deep.

Crop	Pest	Rate/500 Sq. Ft.	Timing/Special Directions
Beans: Lima and Snap (succulent only)	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10½ -14 oz.	
	Note: Do not use on dried bean varieties, such as pintos, dried limas or navy beans.		
Beets, Red (Table)	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.

Crop	Pest	Rate/500 Sq. Ft.	Timing/Special Directions
Broccoli	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
	Root Maggots	7-10½ oz.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Brussels Sprouts	Root Maggots	7-10½ oz.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Cabbage	Root Maggots	7-10½ oz.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Carrots	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Cauliflower	Root Maggots	7-10½ oz.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Collards	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Cucumbers	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Endive (Escarole)	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Kale	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Lettuce	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians and Hybrids of these) and Watermelons	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Mustard	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
Onions (Bulb and Green)	Onion Maggots	7-14 oz.	Broadcast just before planting and mix into the top 3-4 inches of soil. Note: Resistant onion maggots will not be controlled by diazinon or similar-type insecticides.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Parsley	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Peas (succulent only)	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Note: Do not use on dried pea varieties such as dried blackeyed peas.			
Peppers	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.

Crop	Pest	Rate/500 Sq. Ft.	Timing/Special Directions
Potatoes	Cutworms (Surface and Subterranean)	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz.	
Radishes	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
Spinach	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz.	
Squash (Summer and Winter)	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz.	
Sweet Corn	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Seed Corn Maggots	7-14 oz.	Broadcast and mix into soil 2 inches just before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Sweet Potatoes	Wireworms	10 ½ oz.	Broadcast and mix into soil just before planting.
Swiss Chard	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz.	
Tomatoes	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.
Turnips	Mole Crickets	3½ oz.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz.	Broadcast and mix into soil just before planting.

Storage and Disposal

Storage: Store in original container [bag] in a cool, dry well-ventilated (preferably locked) storage area inaccessible to children and pets. Do not store near fertilizers, herbicides, , seeds, food, feed or other pesticides. If Partly Filled: Do not reuse this container Place in trash or offer for recycling if available. If Partly Filled: Call you local solid waste agency or 1-800-Cleanup for disposal instructions..

PRECAUTIONARY STATEMENTS
Hazards to Humans & Domestic Animals

CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye injury. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after use and before eating or smoking. Do not store near food or feed products. Food utensils, such as spoons or measuring cups must not be used for food purposes after use in measuring pesticides. Do not contaminate ornamental fish ponds. Do not allow children or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.

First Aid

This product contains diazinon, an organophosphate insecticide that inhibits cholinesterase.

If Swallowed	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious or convulsing person.
If Inhaled	<ul style="list-style-type: none"> • 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.
If on Skin or Clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Immediately rinse skin 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 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.

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-xxx-xxxx for emergency medical treatment information.]

Note to Physician: This product contains an organophosphate insecticide that inhibits cholinesterase. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

{Note: The first aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

If in the event of an animal-related emergency, call the National Animal Poison Control center at 1-800-345-4735.

Environmental Hazards

This product is highly toxic to birds, fish and other wildlife. Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds. Avoid overlapping granules. Cover with soil or thoroughly mix into the soil spilled or visible granules. For lawns, follow all watering instructions in the directions for use, however, stop watering before puddling occurs. For lawns, do not apply this product to sites occupied by waterfowl, or within 75 feet of any body of water, such as ponds or lakes, which may attract waterfowl. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water. Runoff may be hazardous to fish and other aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

Directions for Use and Conditions of Sale and Warranty

Important: Read the entire *Directions for Use* and the *Conditions of Sale and Warranty* before using this product. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The *Directions for Use* of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be carefully followed. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Enforcer products or the Seller. The Buyer assumes all such risks. Enforcer Products warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the *Directions for Use* subject to the inherent risks referred to above. **Enforcer Products makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Enforcer Products or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.** Enforcer Products and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing *Conditions of Sale and Warranty*, which may be varied only by agreement in writing signed by a duly authorized representative of Enforcer Products.

Reformulation or repackaging of this product is prohibited.

EPA Reg. No. 40849-30

EPA Est. _____
[Postscript is first letter of code number on bottom of can]

Copy _____

Made in U.S.A.

Product Code: _____

Enforcer Products

A division of Acuity Specialty Products Group, Inc.

P.O. Box 1060
Cartersville, GA 30120-1060

Questions? Call [(xxx) xxx-xxxx, Monday – Friday, 9am-5pm EST
[www.\[url\].com](http://www.[url].com)