

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUL 11 1994

Enforcer Products, Inc.
c/o Ms. Kim Davis
RegWest Company
P.O. Box 2220
Greeley, Co 80632-2220

Dear Ms. Davis:

Subject: Amendment- Revise per Diazinon Registration Standard
Enforcer Ant Kill Granules II
EPA Registration No. 40849-30
Your Letter Dated September 30, 1993

This amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable, provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. Under **Environmental Hazards** change "Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark." to read "Do not apply directly to water."

Your Confidential Statement of Formula dated October 11, 1993 has been reviewed and is acceptable.

3. Submit three (3) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

CONCURRENCES

SYMBOL	A750rc						
SURNAME	JAD						
DATE	7/11/94						

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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.

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

3912

This product must not be used on golf courses and sod farms.

ENFORCER

ANT KILL GRANULES II

Contains 5% Diazinon Insecticide
Ready-To-Use Granules

For Outdoor Use on the Home Lawn
and in the Home Garden Only

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 11 1994

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

40849-30

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

*Aids in control

Treats Up To 500 Square Feet

ACTIVE INGREDIENT:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)
phosphorothioate

INERT INGREDIENTS

	5%
	<u>95%</u>
Total:	100%

Keep Out of Reach of Children

CAUTION

See back panel for additional precautionary statements.

EPA Reg. No. 40849-30

EPA Est. 40849-GA-1

PRODUCT CODE #AK-16

ENFORCER PRODUCTS, INC.
P.O. Box 1060, Cartersville, Georgia 30120

NET WEIGHT: 1 LB.

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), Spring-tails, 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.

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 followed carefully. 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. All such risks shall be assumed by the Buyer.

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.

DIRECTIONS FOR USE

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

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 ft. 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.

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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 1,000 sq. ft.	Apply when grass is dry. Water lawn lightly after application. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year.
Billbugs, White grubs of Japanese beetle, European chafer, Southern chafer, <i>Ataenius spretulus</i> (dung beetle)	2 lbs. per 1,000 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 1,000 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.

*1,000 sq. ft. = an area 20 ft. x 50 ft.
 100 sq. ft. = an area 10 ft. x 10 ft.
 2 lbs. per 1,000 sq. ft. = 3.2 oz. per 100 sq. ft.

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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 rate of application.

LAWN SPREADER SETTING NUMBER**
 (To deliver 2 lbs. per 1,000 sq. ft.)

Spreader Make and Model	Setting
Central Imperial Mark No. 1662-G	6½
Central Suburbia Lawn Spreader No. 1662-0	6½

Spreader Make and Model	Setting
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	7½
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 1,000 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 lawns and other outdoor home recreation areas, apply ½ cup over, and 2 feet around, each fire ant mound. Immediately after application, water-in thoroughly. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. A minimum of 1 gallon of water should be applied 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. Distribute granules uniformly, using a rate of 3.2 oz. for each 100 sq. ft. of area (5' x 20') 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. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

Ant Kill Granules II controls certain garden insects on crops listed in the following tables. Apply 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 to food crops grown in greenhouses.

Applications for control of pests listed below should be thoroughly mixed 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	TIMING/SPECIAL DIRECTIONS
Beans: Lima, Pole and Snap (succulent only)	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	

Note: Do not use on dried bean varieties, such as pintos, dried limas or navy beans.

Beets, Red (Table)	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Broccoli	Root Maggots	7-10½ oz. per 500 sq.ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Brussels Sprouts	Root Maggots	7-10½ oz. per 500 sq.ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.

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CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Brussels Sprouts (continued)	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Cabbage	Root Maggots	7-10½ oz. per 500 sq.ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Carrots	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Cauliflower	Root Maggots	7-10½ oz. per 500 sq.ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Celery	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	
Collards	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Cucumbers	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Cucumbers (continued)	Wireworms	10½-14 oz. per 500 sq.ft.	
Endive (Escarole)	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Kale	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Lettuce	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	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. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. 500 sq.ft.	
Mustard	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
Onions (Bulb and Green)	Onion Maggots	7-14 oz. per 500 sq.ft.	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. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Parsley	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	
Peas (succulent only)	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.

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CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Peas (succulent only) (continued)	Wireworms	10½-14 oz. per 500 sq.ft.	
NOTE: Do not use on dried pea varieties such as dried blackeyed peas.			
Peppers	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Potatoes	Cutworms (Surface and Subterranean)	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	
Radishes	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
Spinach	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	
Squash (Summer and Winter)	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	
Sweet Corn	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Seed Corn Maggots	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil 2 inches just before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Sweet Potatoes	Wireworms, Flea Beetles	10½ oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Swiss Chard	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	
Tomatoes	Cutworms	7-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.

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CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Tomatoes (continued)	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Turnips	Mole Crickets	3½ oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.

STORAGE AND DISPOSAL

Storage: Store in original container in a cool, dry well-ventilated area. Store product in an area inaccessible to children and domestic animals. Do not store near fertilizers, herbicides, other insecticides, seeds, food or feed.

Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard in trash.

Container Disposal: Do not reuse empty bag. Discard bag in trash.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire or emergency, call 1-800-888-8372 day or night.

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 handling 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 are dry.

Statement of Practical Treatment

If Swallowed: Call a physician immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing. **If Inhaled:** Remove victim to fresh air and apply artificial respiration, if indicated. **If On Skin:** Wash promptly with soap and water. Rinse thoroughly. Get medical attention. **If in Eyes:** Rinse eyes with plenty of water and call a physician immediately. **Note to Physician:** This product is an organophosphate insecticide. 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.

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, NY, between 11/1 and 5/20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds. Avoid overlapping granules. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

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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 ft. 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, to areas where surface water is present, or to intertidal areas below the mean high water mark. 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.