

(A)



United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
Washington, DC 20460

## Application for Pesticide:

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

192024

## Section I

1. Company/Product Number 33955-557	2. EPA Product Manager George LaRocca	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Acme Diazinon 5G Lawn and Garden Insect Control	PM# (PM 13)	
5. Name and Address of Applicant (Include ZIP Code) PBI/Gordon Corporation PO Box 4090 1217 West 12th Street Kansas City, MO 64101 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____ Product Name _____	

## Section II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

## NOTIFICATION:

Revision of the wetlands warning statement within the Environmental Hazards section according to definition stated in Pesticide Regulation (PR) Notice 93-3, "Labeling Statement Prohibiting Application to Water", March 9, 1993. This is to certify that this notification meets every requirement of PR-Notice 88-6.

Three copies of the revised labeling are enclosed.

**NOTIFICATION**  
**LABEL NOT REVIEWED**  
**PER PR NOTICE 93-3**

DATE 7/17/93

## Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other (_____)	

## Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name James A. Armbruster, Ph.D.	Title Mgr. Regulatory Services	Telephone No. (Include Area Code) (816)421-4070
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)  
2. Signature 	3. Title Mgr. Regulatory Services	
4. Typed Name James A. Armbruster, Ph.D.	5. Date Mar 20, 1993	

THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS

## ACME® DIAZINON 5G

LAWN & GARDEN INSECT CONTROL

TREATS UP TO 5,000 SQ.FT.

READY-TO-USE GRANULES

NOTIFICATION  
LABEL NOT REVIEWED  
PER PR NOTICE 88-8

DATE. 7/12/93

FOR OUTDOOR USE ON THE HOME LAWN  
AND IN THE HOME GARDEN

CONTROLS: Ants, Armyworms, Bermudagrass Mites, Billbugs, Brown Dog Ticks, Chiggers, Chinch Bugs, Crickets, Cutworms, Earwigs, Leafhoppers, Fleas, Millipedes, Sowbugs, Sod Webworms, White Grubs (of Japanese Beetle, European Chafer, Southern Chafer), Wireworms, and others as listed on back panel.

ACTIVE INGREDIENT:

Diazinon [O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)  
phosphorothioate].....5.00%

INERT INGREDIENTS.....95.00%  
TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN

### CAUTION

See back panel for precautionary statements  
and Statement of Practical Treatment

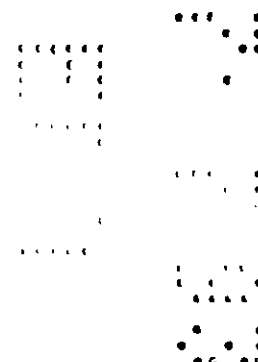
NET WEIGHT 10 POUNDS (4.5 Kg)

633/ AP052093

EP A REG NO 33955-557

EP A EST NO 32802-WI-1 (A): MO-1 (B)

DISTRIBUTED BY ACME DIVISION  
PBI/GORDON CORPORATION  
KANSAS CITY, MISSOURI 64101



**STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS  
AND FOLLOW DIRECTIONS CAREFULLY.**

## **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 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 is dry.

### **Statement of Practical Treatment:**

**IF SWALLOWED:** Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Call a physician or Poison Control Center immediately. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

**IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated.

**IF ON SKIN:** Wash promptly with plenty of soap and water. Rinse thoroughly. Get medical attention.

**IF IN EYES:** Flush eyes with plenty of water and call a physician immediately.

**NOTE TO PHYSICIAN:** Product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate 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, feeding or drinking on treated areas, may be killed. Because of 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 and waterfowl. Avoid overlapping granules. For lawns where irrigation (watering) is recommended in the directions, or if waterfowl, i.e. ducks or geese can be expected in the treated area after treatment (except spot treatment), apply a minimum of 1/4 inch of water immediately after applying this product. Stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries.

For terrestrial uses, 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 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:**

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

## **STORAGE & DISPOSAL**

**STORAGE:** Store in original container in a cool, dry, well-ventilated 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.

4 9 11

**- OVERALL LAWN APPLICATION -**

ACME® DIAZINON 5G controls the following insects on grass and dichondra lawns:

Ants	Crickets	Millipedes
Armyworms	Cutworms	Sod Webworms
Bermudagrass Mites	Digger Wasps	Sowbugs
Billbugs	Earwigs	Springtails
Brown Dog Ticks	Fire Ants*	White grubs of:
Chiggers	Fleas	·Japanese Beetle
Chinch Bugs	Lawnmoths	·European Chafer
Clover Mites	Leafhoppers	·Southern Chafer

\*Aids in Control

**NOTE:** Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York, between November 1, and May 20. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping treated areas. Where watering is recommended in the directions, or if waterfowl, i.e., ducks or geese, can be expected to enter the treated area after treatment (except spot treatments), water lawn with at least 1/4 inch water immediately after application; however, stop watering before puddling occurs.

Apply ACME DIAZINON 5G with a fertilizer spreader. See spreader setting chart below. Apply when grass is dry. Repeat as necessary.

For application with other types of equipment, apply at the rate of 2 lbs. per 1,000 sq.ft. (an area 20 ft. by 50 ft. or 3.2 oz. per 100 sq.ft. (an area 10 ft. by 10 ft.).

**Billbugs and White Grubs of Japanese Beetle, European Chafer, Southern Chafer and Ataenius spretulus (Dung Beetle):** Apply at 2 lbs. per 1,000 sq.ft. For Billbugs, apply when activity is first observed, or when chewed or brown grass indicates damage. Repeat as necessary. For Grub control, excluding Dung Beetle, treat any time between late July and early October. For Dung Beetle Grubs, apply in spring or early summer when damage is first noticed. Thoroughly water grass with 1/4 - 1/2 inch of water after application. Repeat treatment in late summer or early fall if a second generation occurs. For Hyperodes Weevil apply 2 lbs. per 1,000 sq.ft. in mid-April and again in mid-May, watering thoroughly after each application.

5

## LAWN SPREADER SETTING TO DELIVER 2 LBS PER 1000 SQ. FT.

Spreader Make & Model	Setting
Central Imperial Mark No. 1662-G	6½
Central Suburbia Lawn Spreader No. 1622-0	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's Precision Flow Spreader PF-1	4
Sears Craftsman Model 671.19198	6

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

### SPOT-TREATMENT FOR LAWNS

**Ants:** Apply 1-1/2 teaspoons of ACME DIAZINON 5G over and around each individual ant hill.

**Fire Ants:** To aid in the control of fire ants in lawns and other outdoor home recreation areas, apply 1/2 cup over, and 2 ft. around, each fire ant mound. Immediately after application water in thoroughly. Apply water 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 degrees 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 1-1/2 teaspoons of ACME DIAZINON 5G in and around each individual nest opening. Make the application about dusk when the wasps are not active.

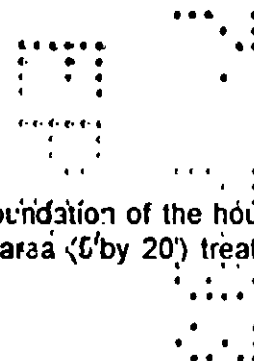
### BAND TREATMENT AROUND HOME FOUNDATION

The following insects are commonly found around or near foundations of houses as well as in lawns.

Ants  
Brown Dog Ticks  
Clover Mites  
Crickets

Earwigs  
Fleas  
Millipedes

Sowbugs  
(Pillbugs)  
Springtails  
(Collembola)



For control of these insects, apply a 5 foot band of DIAZINON 5G next to the foundation of the house. Distribute the granules uniformly using a rate of 3.2 oz. for each 100 sq. ft. of area (5' by 20') treated. Repeat as necessary.

## VEGETABLES - INSECT CONTROL

In gardens ACME DIAZINON 5G kills:

Cutworms  
Mole Crickets

Onion Maggots  
Root Maggots

Wireworms

ACME DIAZINON 5G 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 to food crops grown in greenhouses.

Unless directions under "Timing/Special Directions" state otherwise, applications for control of pests listed below should be thoroughly mixed into the soil during or immediately after application.

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(succulent only) Pole, Snap or Lima	Cutworms	7 - 14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	
	NOTE: Do not use on dried bean varieties such as pintos, dried limas, navy beans, etc.		
Beets, Red (Table)	Cutworms	7 - 14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	
	Mole Crickets	3-1/2 oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.

===== Chart Continued =====			
Crop	Pest	Rate	Timing/Special Directions
Broccoli	Root Maggots	7 - 10-1/2 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.
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	
	Mole Crickets	3-1/2 oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
Brussels Sprouts	Root Maggots	7 - 10-1/2 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.
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	
	Mole Crickets	3-1/2 oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
Cabbage	Root Maggots	7 - 10-1/2 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.
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	
	Mole Cricket	3-1/2 oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
Carrots	Cutworms	7 - 14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	
	Mole Crickets	3-1/2 oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
Cauliflower	Root Maggots	7 - 10-1/2 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.
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	
	Mole Crickets	3-1/2 oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.

===== Chart Continued =====			
Crop	Pest	Rate	Timing/Special Directions
Celery	Cutworms	7 - 14 oz.	Broadcast and mix into soil just before planting.
		per 500 sq.ft.	
	Wireworms	10-1/2 - 14 oz.	
		per 500 sq.ft.	
Collards	Cutworms	7 - 14 oz.	Broadcast and mix into soil just before planting.
		per 500 sq.ft.	
	Wireworms	10-1/2 - 14 oz.	
		per 500 sq.ft.	
	Mole Crickets	3-1/2 oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
Cucumber	Cutworms	7 - 14 oz.	Broadcast and mix into soil just before planting.
		per 500 sq.ft.	
	Wireworms	10-1/2 - 14 oz.	
		per 500 sq.ft.	
Endive (Escarole)	Cutworms	7 - 14 oz.	Broadcast and mix into soil just before planting.
		per 500 sq.ft.	
	Wireworms	10-1/2 - 14 oz.	
		per 500 sq.ft.	
	Mole Crickets	3-1/2 oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
Kale	Cutworms	7 - 14 oz.	Broadcast and mix into soil just before planting.
		per 500 sq.ft.	
	Wireworms	10-1/2 - 14 oz.	
		per 500 sq.ft.	
	Mole Crickets	3-1/2 oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
Lettuce	Cutworms	7 - 14 oz.	Broadcast and mix into soil just before planting.
		500 sq.ft.	
	Wireworms	10-1/2 - 14 oz.	
		per 500 sq.ft.	
	Mole Crickets	3-1/2 oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.

9 8 1

===== Chart Continued =====			
Crop	Pest	Rate	Timing/Special Directions
Melons (Cantaloupe Casabas Crenshaw Honeydew Muskmelon Persian & Hybrids of these) and watermelon	Cutworms	7 - 14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	
Mustard	Mole	3-1/2 oz.	Broadcast and mix into soil 1-2 days before planting.
	Cricket	per 500 sq.ft.	
Onions (green & bulb)	Onion Maggots	7 - 14 oz. per 500 sq.ft.	Broadcast just before planting and mix into the top 3-4 inches of soil. NOTE: Diazinon may not control organophosphate-resistant onion maggots.
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
Parsley	Cutworm	7 - 14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 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.
	Wireworms	10-1/2 - 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.
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	
	Mole Cricket	3-1/2 oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting.
Potatoes	Cutworm (Surface & Subterranean)	7 - 14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	
Radishes	Mole	3-1/2 oz.	Broadcast and mix into soil 1-2 days before planting.
	Cricket	per 500 sq.ft.	

===== Chart Continued =====			
Crop	Pest	Rate	Timing/Special Directions
Spinach	Cutworms	7 - 14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 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	10-1/2 - 14 oz. per 500 sq.ft.	
Sweet Corn	Cutworms	7 - 14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	
	Seed Corn	7 - 14 oz.	Broadcast just before planting. Mix into soil 2 inches.
	Maggots	per 500 sq.ft.	
Sweet Potatoes	Wireworms	10-1/2 oz.	Broadcast and mix into soil just before planting.
	Flea	per 500 sq.ft.	
	Beetles		
Swiss Chard	Cutworms	7 - 14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	
Tomatoes	Cutworms	7 - 14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	
	Mole	3-1/2 oz.	Broadcast and mix into soil 1-2 days before planting.
	Crickets	per 500 sq.ft.	
Turnips	Mole	3-1/2 oz.	Broadcast and mix into soil 1-2 days before planting.
	Crickets	per 500 sq.ft.	
	Wireworms	10-1/2 - 14 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting.

11 9 11  
**LIMITED WARRANTY.** Manufacturer warrants that the chemical composition conforms to the ingredient statement given on the label and that this product is suited for the labeled use when applied according to label directions. Because of widely varying use conditions, it is impossible to eliminate all risks even when label directions are followed.

**EXCLUSION OF OTHER WARRANTIES AND REMEDIES.** Except where such disclaimers and exclusions are specifically prohibited by applicable law. THE FOREGOING IS THE ONLY GUARANTEE OR WARRANTY APPLICABLE TO THIS PRODUCT AND IS GIVEN EXPRESSLY AND IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ALL SUCH WARRANTIES WHICH EXCEED OR DIFFER FROM SAID LIMITED WARRANTY ARE DISCLAIMED BY MANUFACTURER, and, upon Manufacturer's compliance with said limited warranty, BUYER SHALL HAVE NO REMEDY AGAINST MANUFACTURER FOR ANY TYPE OF DAMAGE OR LOSS, and, IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL DAMAGE OR LOSS.