

FRONT PANEL

**DIAZINON \* GRANULES-5%**

**LAWN & GARDEN INSECT CONTROL**

- This Product Must Not be Used On Golf Courses and Sod Farms.
- For out door use on the home lawn and in the home garden only.
- Ready-To-Use granules. Contains 5% Diazinon Insecticide
- Treats up to 5000 square feet.
- Aids in the control of Fire Ants.

IN LAWNS DIAZINON GRANULES-5% KILLS:

Ants	Armyworms	Bermudagrass mites	Billbugs
Brown dog ticks	Chiggers	Chinch bugs	✓ Clover mites
Crickets	Cutworms	✓ Digger wasps	Earwigs
Fleas	✓ Lawn moths	✓ Leafhoppers	✓ Millipedes
Sod webworms	Sowbugs	Springtails	
White grubs of:			
Japanese beetle	European chafer	Southern chafer	

IN GARDENS DIAZINON GRANULES-5% KILLS:

Onion maggots	Root maggots	Cutworms
Mole crickets	Wireworms	

**ACTIVE INGREDIENT:**

\*Diazinon: 0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate.....5.0%

**INERT INGREDIENTS:** .....95.0%

\*Diazinon is a registered trademark of CIBA-GEIGY Corporation. TOTAL 100.0%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**SEE SIDE/BACK PANEL FOR  
ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA Reg. No.: 67517-29  
NET WT. 10 LB

EPA Est. No.: 67517-MO-1

Manufactured By:  
**PM RESOURCES, INC.**  
 13001 St. Charles Rock Road  
 Bridgeton, MO. 63044

**ACCEPTED**  
 MAY 22 1997  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act  
 as amended, for the pesticide  
 registered under  
 EPA Reg. No. 67517-29

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SIDE/BACK PANEL

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND 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 is dry.

**STATEMENT OF PRACTICAL TREATMENT**

**If Swallowed:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**If Inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**If On Skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**If In Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**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 pesticide 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. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

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 which may attract waterfowl, such as ponds or lakes.

SIDE/BACK PANEL

**ENVIRONMENTAL HAZARDS (Continued)**

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.

**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.

**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 14,000 sq. ft.
2. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 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 that may attract waterfowl, such as lakes or ponds.
7. If it is necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than 4 applications per year.

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SIDE/BACK PANEL

**DIRECTIONS FOR USE (Continued)**

Diazinon Granules-5% controls certain lawn insects on both grass and dichondra lawns. Apply Diazinon Granules 5% with 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 (Collembola)	2 lbs. per 1000 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, <b>Ataenius spretulus</b> (dung beetle)	2 lbs. per 1000 sq. ft.	Water grass at least 1/4 inch of water after application, however, stop watering if 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 1/4 inch of water application however stop watering if puddling occurs. Treat again in late Summer or early Fall if a second generation occurs.
) Hyperodes weevils	2 lbs. per 1000 sq. ft.	Water grass with at least 1/4 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 1000 sq. ft. = 3.2 oz. per 100 sq. ft.

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SIDE/BACK PANEL  
**DIRECTIONS FOR USE (Continued)**

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 NO. \*\* (To deliver 2 lbs. per 1000 sq. ft.)

<u>Spreader Make</u>	<u>Model</u>	<u>Setting</u>
Central Imperial	Mark No. 1662-G	6-1/2
Central Suburbia Lawn	Spreader - No. 1622-O	6-1/2
Cyclone	Model B1 Rotary	4-1/2
Greenfield	Model 105	6-1/2
Ortho Drop Spreader	Model 3000	4-1/2
Ortho Broadcast Spreader	Model 4000	4-1/2
J. C. Penney	Model 6005	7-1/4
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.

**Spot Treatment Lawns:**

**Ants:** Apply 1-1/2 teaspoons of Diazinon Granules-5% 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 1/2 cup over and 2 ft. 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.

**Notes:** 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 1-1/2 teaspoons of Diazinon Granules-5% 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 house foundations, and may enter the house.

Ants	Brown dog ticks	Clover mites
Crickets	Earwigs	Fleas
Millipedes	Sowbugs (Pillbugs)	Springtails (Collembola)

Apply a 2-foot band of Diazinon Granules-5% next to the house foundation. Distribute granules uniformly, using a rate of 3.2 oz. for each 100 sq. ft. of area (5' by 20') treated. If necessary, repeat application at 3-week intervals.

**SIDE/BACK PANEL**  
**DIRECTIONS FOR USE (Continued)**

**GARDEN 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 Diazinon Granules 5% 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 surface should be covered with soil or thoroughly mixed into the soil.

Diazinon Granules-5% controls certain insects on garden vegetables listed in the following tables. Apply uniformly as directed for each vegetable. When a range of rate 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**

<u>Insect</u>	<u>Depth of Mixing or Incorporation into Soil</u>
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.

<u>CROP</u>	<u>PEST</u>	<u>RATE</u>	<u>TIMING/SPECIAL DIRECTION</u>
Beans (Lima, pole and Snap) (succulent only)	Cut worms	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.	
<b>NOTE: Do not use on dried bean varieties, such as pintos, dried limas, or navy beans</b>			
Beets, Red (Table)	Cutworms	7-14 oz. per 500 sq. ft.	Broad cast 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.	Broad cast and mix into soil 1-2 days before planting.

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**SIDE/BACK PANEL**  
**DIRECTIONS FOR USE (Continued)**

CORP	PEST	RATE	TIMING/SPECIAL DIRECTION
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 mist 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 Crickets	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.

**SIDE/BACK PANEL**  
**DIRECTIONS FOR USE (Continued)**

CROP	PEST	RATE	TIMING/SPECIAL DIRECTION
Celery,	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.	
Collards	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.
Cucumber	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.	
Endive (Escarole)	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.
Kale	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.
Lettuce	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.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians, & Hybrids of these) and watermelons	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 Crickets	3-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.



**SIDE/BACK PANEL**  
**DIRECTIONS FOR USE (Continued)**

CROP	PEST	RATE	TIMING/SPECIAL DIRECTION
Onions (green and bulbs)	Onion Maggots	7-14 oz. per 500 sq. ft.	Broadcast just before planting and mix into the top 3-4 inches of soil by disking, harrowing, or other suitable means. <b>NOTE:</b> Resistant onion maggots will not be controlled by diazinon or similar type insecticides.
	Wireworms	10-1/2-14 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	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.	
<b>NOTE: Do not use on dried pea varieties such as dried blackeyed peas.</b>			
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 Crickets	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 Crickets	3-1/2 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	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.	

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**SIDE/BACK PANEL**  
**DIRECTIONS FOR USE (Continued)**

CROP	PEST	RATE	TIMING/SPECIAL DIRECTION
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 Maggots	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil 2 inches just before planting.
Sweet Potatoes	Wireworms Flea Beetles	10-1/2-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Swiss Chard	Cutworms	7-14 oz. per 500 sq. ft.
		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 Crickets	3-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Turnips	Wireworms	10-1/2-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Mole Crickets	3-1/2-14 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.

**STORAGE AND DISPOSAL**

**Pesticide 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.

**SIDE/BACK PANEL**

**NOTICE OF WARRANTY**

**PM RESOURCES, INC. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR OTHERWISE, EXPRESSED OR IMPLIED CONCERNING THIS PRODUCT OR ITS USES WHICH EXTEND BEYOND THE USE OF THE PRODUCT UNDER NORMAL CONDITIONS IN ACCORD WITH THE STATEMENTS MADE ON THIS LABEL.**