

UNICORN DIAZINON 5G GRANULES

LAWN & GARDEN INSECT CONTROL

Ready-To-Use Granules
Contains 5% Diazinon Insecticide

This product must not be used on Golf Courses and Sod Farms.

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

[Optional text in brackets]

[Kills 30+ Insects

Protects Soil and Turf

Kills Invading Insects Above and Below the Ground

Treats up to 5,000 sq.ft.

Effective Outdoor Ant Control

For outdoor use around house foundations

Product Usage: Kills Ants, Grubs, Crickets, Fleas, Chinch Bugs, Earwigs, Fire Ants*, Armyworms, Billbugs, Chiggers, Sod Webworms, Root Maggots, Brown Dog Ticks, Mole Crickets, Cutworms and Digger Wasps *Aids in Control

Use on: Home Lawns, Home Gardens, Around House Foundations, Ant Hills and Fire Ant Mounds

Amount to Use: 3 1/2 to 14 oz. per 500 sq.ft. in vegetable gardens, 2 lbs. per 1,000 sq.ft. on lawns, 3.2 oz. per 100 sq.ft. around house foundations, 1 1/2 tsp. per ant hill, or 1/2 cup per fire ant mound. (See below for exact application rates.)(See directions for other Insects listed below.)]

ACTIVE INGREDIENT:

Diazinon: 0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl)

phosphorothioate..... 5.00%

INERT INGREDIENTS:..... 95.00%

Total:..... 100.00%

Kills Ants, Armyworms, Bermudagrass Mites, Billbugs
Brown Dog Ticks, Chiggers, Chinch Bugs, Crickets, Cutworms,
Earwigs, Fire Ants*, Fleas, Onion Maggots, Root Maggots,
Sod Webworms, Millipedes, Sowbugs, White Grubs of: Japanese Beetle,
European Chafer, Southern Chafer, Wireworms and Others.

*Aids in Control.

Keep Out of Reach of Children
CAUTION

See Additional Precautionary Statements on Back

NET CONTENTS: ___

MANUFACTURED BY:
UNICORN LABORATORIES
12385 AUTOMOBILE BLVD.
Clearwater, Florida 33762

ACCEPTED

JAN 24 2002

28293-199

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed, or absorbed through the 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 soil or grass is dry.

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 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 hazard to birds and waterfowl. 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.

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.

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow • Do not induce vomiting unless told to do so by a 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 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. • Rinse skin immediately 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.	
NOTE TO PHYSICIAN:	
Diazinon 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.	

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 container [empty bag]. Discard container [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 Lawns this Product 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
White grubs of:
*European chafer
*Japanese chafer
*Southern chafer

* Aids in Control**

In Gardens this Product Kills:

**Cutworms
Mole crickets**

**Onion maggots
Root maggots**

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 Unicorn Laboratories or the Seller. All such risks shall be assumed by the Buyer.

Unicorn 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. **Unicorn makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Unicorn or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** Unicorn 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 Unicorn Laboratories.

Directions for Use

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

Reformulation or repackaging this product is prohibited.

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, 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.

The product controls certain lawn insects on both grass and dichondra lawns. Apply product 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 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.

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PEST	RATE*	TIMING/SPECIAL DIRECTIONS
Billbugs, White grubs of Japanese beetle, European chafer, Southern Chafer, Ataenius spretulus (dung beetle)	2 lbs. per 1,000 sq. ft.	Water grass with at least 1/4 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 1/4 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 1/4 inch of water after application, however, stop watering before puddling occurs. Treat problem areas in mid-April and again in mid-May.
European Crane Fly (Larvae) (Except California)	2 lbs per 1,000 sq. ft.	Water lawn thoroughly after application. Repeat application in 10 to 14 days or as necessary. For timing of application in your area, consult the State Agricultural Extension Service.

* 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.

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.)**

Spreader Make and Model	Setting
Central Imperial Mark No. 1662-G	6 1/2
Central Suburbia Lawn Spreader No. 1622-0	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

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Spreader Make and Model	Setting
Scott Precision Flow Model PF-4	4
Sears Craftsman Model 671.19198	6
Scotts Evengreen 18"	11
Scotts Speedy Broadcast	6 1/2
Red Devil Broadcast	9
Red Devil Drop 20"	10
Republic EZ Drop 18"	7
Republic EZ Broadcast	4
Republic EZ Tractor Broadcast	4

** For application with other types of equipment, apply at the rate of 2 lbs. per 1,000 sq. ft.

LAWN SPOT TREATMENT:

Ants: Apply 1 1/2 teaspoons 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.

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 1 1/2 teaspoons 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	Crickets	Millipedes
Brown dog ticks	Earwigs	Sowbugs (Pillbugs)
Clover mites	Fleas	Springtails (Collembola)

Apply a 2-foot band [of this product] next to the house foundation. Distribute granules uniformly, using a rate of 3.2 oz. for each 100 sq. ft. of area (2' by 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 product 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.

This product 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 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/[Ounce per 500 sq.ft.]	Directions [Broadcast and Mix Into Soil]	Timing/Special
Beans (Lima, Pole or 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, navy beans, etc.				
Beets, Red (Table)	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.	
	Wireworms	10½ - 14 oz. per 500 sq. ft.		
	Mole Crickets	3½ oz per 500 sq. ft.		
Broccoli	Root Maggots	7 - 10½oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.	
	Cutworms	7 - 14 oz. per 500 sq. ft.		
	Wireworms	10½ - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.	
	Mole Crickets	3½ oz. per 500 sq. ft.		

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Crop	Pest	Rate/Ounce per 500 sq.ft.]	Timing/Special Directions [Broadcast and Mix Into Soil]
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.
	Wireworms	10½ - 14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days 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.
	Wireworms	10½ - 14 oz. per 500 sq. ft.	
	Mole Crickets	3½ 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	10½ - 14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days 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.
	Wireworms	10½ - 14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Collards	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½ - 14 oz. per 500 sq. ft.	
Cucumber	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Endive (Escarole)	Wireworms	10½ - 14 oz. per 500 sq. ft.	
	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.
Kale	Wireworms	10½ - 14 oz. per 500 sq. ft.	
	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.

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Crop	Pest	Rate(/Ounce per 500 sq.ft.)	Timing/Special Directions [Broadcast and Mix Into Soil]
Lettuce	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½ - 14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days 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. per 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	
	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.
	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.
	Wireworms	10½ - 14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days 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 1-2 days 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.	

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Crop	Pest	Rate/Ounce per 500 sq.ft.]	Timing/Special Directions [Broadcast and Mix Into Soil]
Sweet Corn	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 Potatoes	Seed Corn Maggots	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil 2 inches just before planting.
	Wireworms	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.
	Wireworms	10½ - 14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days 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.