

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

BLACK LEAF (R)

# 5% Diazinon Granules

### Ready To Use

For outdoor use on home lawns, in the home garden, and around the home only.

This product is designed especially for outdoor control of ants and other listed crawling insects. It is effective as a preplant treatment for control of cutworms and wireworms in vegetable gardens. It also controls a wide range of insects in garden plantings and around the home, and offers excellent protections against major lawn insects in both grass and dichondra lawns. Kills ants, brown dog ticks, crickets, cutworms, earwigs, grubs, millipedes, onion maggots, sowbugs, wireworms and others. See Directions For Use for specific recommendations. TREATS UP TO 22,000 SQ. FT. (Depending on application).

**ACTIVE INGREDIENT:**

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate .....	5%
<b>INERT INGREDIENTS:</b> .....	95%
<b>TOTAL</b> .....	100%

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION

See additional precautionary statements on back panel.

EPA Reg. No. 5887-124  
EPA Est. No 70-KY-1

## Net Weight 10 Pounds

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#### 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 immediately. Drink one or two glasses of water and induce vomiting by touching 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 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 of 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 pulling 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 when disposing of equipment washwaters.

**ACCEPTED**

NOV 26 1993

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5887-124

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**DIRECTIONS FOR USE**

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

**Lawn Protection:** Black Leaf 5% Diazinon Granules controls the following lawn pests in both grass and dichondra lawns:

Ants	Cutworms	Springtails
Armyworms	Digger wasps	White grubs of:
Bermudagrass mites	Earwigs	• Japanese beetle
Billbugs	Fire ants*	• European chafer
Brown dog ticks	Fleas	• Southern chafer
Chiggers	Leafhoppers	Hyperodes weevil
Chinch bugs	Millipedes	*Aids in control
Clover mites	Sod webworms	
Crickets	(Lawn moths)	
	Sowbugs (Pillbugs)	

**Special Precautions To Reduce Risk To Birds**  
Birds, especially waterfowl, 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.

Pest	Rate*	Timing/Special Directions
Ants, Armyworms, Bermudagrass mites, Brown dog ticks, Chiggers, Chinchbugs, 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 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

Pest	Rate*	Timing/Special Directions
(cont.)		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 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.

**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. 1662-0	6 1/2
Cyclone Model B-1 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. Penny Model 6005	7 1/4
J. C. Penny 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.

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.

**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 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 gal. 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 of this product 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 of houses as well as in lawns. Certain of these pests may enter houses.

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

Apply a 2-foot band of Black Leaf 5% Diazinon Granules next to the house foundation. Distribute granules uniformly, using a rate of 3.2 oz. for each 100 sq. ft. area (2' x 50') treated. If necessary, repeat application at 3-week intervals.

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**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 this 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.

Black Leaf 5% Diazinon Granules 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 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.

CROP	PEST	RATE PER 500 sq.ft.	DIRECTIONS
Beans (Lima, Pole and Snap) (succulent only)	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz.	

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

Beets, Red (Table)	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz.	
	Mole Crickets	3 1/2 oz.	
Broccoli, Cabbage, Cauliflower	Root Maggots	7-10 1/2 oz.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz.	
	Wireworms	10 1/2-14 oz.	
	Mole Crickets	3 1/2 oz.	
Carrots, Collards, Endive (Escarole), Kale, Lettuce	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz.	
	Mole Crickets	3 1/2 oz.	
Celery	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz.	
Cucumbers, Melons (Cantaloupes, Muskmelons, Watermelons)	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz.	
Mustard	Mole Crickets	3 1/2 oz.	Broadcast and mix into soil 1-2 days before planting.
Onions (green and bulb)	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

CROP	PEST	RATE PER 500 sq.ft.	DIRECTIONS
Onions (green and bulb) (cont)	Wireworms	10 1/2-14 oz.	Broadcast and mix into soil just before planting.
Parsley, Spinach, Swiss Chard	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz.	
Peas (succulent only)	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz.	

NOTE: Do not use on dried pea varieties, such as dried blackeyed peas.

Peppers, Tomatoes	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz.	
	Mole Cricket	3 1/2 oz.	
Potatoes	Cutworms (Surface & Subterranean)	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz.	
Radishes, Turnips	Mole Crickets	3 1/2 oz.	Broadcast and mix into soil 1-2 days before planting.
Squash, Summer and Winter	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz.	
Sweet Corn	Cutworms	7-14 oz.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz.	
	Seed Corn Maggots	7-14 oz.	
Sweet Potatoes	Wireworms, Flea Beetles	10 1/2 oz.	Broadcast and mix into soil just before planting.

**STORAGE AND DISPOSAL**

**STORAGE:** Store in original container and cool, dry area inaccessible to children and domestic pets. **PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL:** Do not reuse empty container. Discard container in trash.

**Notice:** Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

**DISTRIBUTED BY**  
**BLACK LEAF PRODUCTS COMPANY,**  
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BUCKNER, KENTUCKY 40010

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