

RESTRICTED USE PESTICIDE

DUE TO AVIAN AND AQUATIC TOXICITY

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

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



DIAZINON 5 GRANULES

ACCEPTED

FEB - 2 2000

 Fungicide, Insecticide, and Rodenticide Act
 registered under
 EPA Reg. No. 34704-493

| | |
|---|--------|
| ACTIVE INGREDIENT: | BY WT. |
| Diazinon: O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate | 5.0% |
| INERT INGREDIENTS: | 95.0% |
| TOTAL | 100.0% |

KEEP OUT OF REACH OF CHILDREN CAUTION

EPA REG. NO. 34704-493

EPA EST. NO.

NET WEIGHT 50 LBS. (22.68 KG)

IHT

EXP11Y99

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.

Personal Protective Equipment:

Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USE SAFETY RECOMMENDATIONS**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

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, 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. Do not apply directly to water. Keep out of lakes, streams, ponds, tidal marshes and estuaries. 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 wash waters.

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. FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-228-5635, EXT. 136, OR CALL COLLECT, 612-851-8180, EXT. 136.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area. If there will be no contact with anything that has been treated, PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, waterproof gloves and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants in farms, forests, nurseries, or greenhouses.

Do not allow children or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.

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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 other emergency, call 1-303-358-4400 or 1-800-424-9300 day or night.

In Lawns this product controls:

| | | |
|--------------------|--------------|------------------|
| Ants | Crickets | Sod webworms |
| Amyworms | Cutworms | Sowbugs |
| Bermudagrass mites | Digger wasps | (Pillbugs) |
| Billbugs | Earwigs | Springtails |
| Brown dog ticks | Fire Ants | White grubs of: |
| Chiggers | Fleas | *European chafer |
| Chinch bugs | Lawn moths | *Japanese beetle |
| Clover mites | Leafhoppers | *Southern chafer |
| | Millipedes | |

*Aids in control

In Gardens this product controls:

| | | |
|---------------|---------------|-----------|
| Cutworms | Onion maggots | Wireworms |
| Mole crickets | Root maggots | |

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:

- Do not treat areas larger than 15,000 sq. ft.
- 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, especially waterfowl.
- Avoid overlapping treated areas.
- Follow all watering instructions in the directions for use, however, stop watering before puddling occurs.
- 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.
- If it is necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than 4 applications per year.

This product controls certain lawn insects on both grass and dichondra lawns. Apply this 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 (<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>Atraenius spretulius</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 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.

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 1,000 sq. ft.)

| Spreader Make and Model | Setting |
|------------------------------------|---------|
| Central Imperial | 6½ |
| Mark No. 1662-G | |
| Central Suburbia | 6½ |
| Lawn Spreader No. 1622-0 | |
| Cyclone | 4½ |
| Model B1 Rotary | |
| Greenfield | 6½ |
| Model 105 | |
| ORTHO | 4½ |
| Drop Spreader Model 3000 | |
| ORTHO | 4½ |
| Broadcast Spreader Model 4000 | |
| J.C. Penney Model 6005 | 7½ |
| J.C. Penney Rotary Spreader | 5 |
| Scott | 4 |
| Precision Flow Spreader Model PF-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 this product 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 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 1½ 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 house foundations, and may enter the house:

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

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' x 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:

- Thoroughly mix this product into the soil during or immediately after application. Refer to the Soil Incorporation table that follows.
- 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 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.

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| Crop | Pest | Rate | Timing/Special Directions |
|---|---------------|-----------------------------|--|
| Beans (Lima, Pole and Snap) (succulent only) | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| Note: Do not use on dried bean varieties, such as pintos, dried limas, or navy beans. | | | |
| Beets, Red (Table) | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| | Mole Crickets | 7 oz. per 1,000 sq. ft. | |
| Broccoli | Root Maggots | 14-21 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting or transplanting. |
| | Cutworms | 14-28 oz. per 1,000 sq. ft. | |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| | Mole Crickets | 7 oz. per 1,000 sq. ft. | |
| Brussels Sprouts | Root Maggots | 14-21 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting or transplanting. |
| | Cutworms | 14-28 oz. per 1,000 sq. ft. | |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| Cabbage | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| | Mole Crickets | 7 oz. per 1,000 sq. ft. | |
| | Root Maggots | 14-21 oz. per 1,000 sq. ft. | |
| Carrots | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| | Mole Crickets | 7 oz. per 1,000 sq. ft. | |
| | Cutworms | 14-28 oz. per 1,000 sq. ft. | |
| Cauliflower | Root Maggots | 14-21 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting or transplanting. |
| | Cutworms | 14-28 oz. per 1,000 sq. ft. | |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| | Mole Crickets | 7 oz. per 1,000 sq. ft. | |
| Celery | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| Collards | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| | Mole Crickets | 7 oz. per 1,000 sq. ft. | |
| Cucumbers | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| Endive (Escarole) | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| | Mole Crickets | 7 oz. per 1,000 sq. ft. | |
| Kale | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| | Mole Crickets | 7 oz. per 1,000 sq. ft. | |
| Lettuce | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| | Mole Crickets | 7 oz. per 1,000 sq. ft. | |

| Crop | Pest | Rate | Timing/Special Directions |
|---|-----------------------------------|-----------------------------|--|
| Melons (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians and Hybrids of these) and Watermelons | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| Mustard | Mole Crickets | 7 oz. per 1,000 sq. ft. | Broadcast and mix into soil 1-2 days before planting. |
| Onions (Bulb & Green) | Onion Maggots | 14-28 oz. per 1,000 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 | 21-28 oz. per 1,000 sq. ft. | |
| Parsley | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| Peas (succulent only) | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| Note: Do not use on dried pea varieties such as dried blackeyed peas. | | | |
| Peppers | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| | Mole Crickets | 7 oz. per 1,000 sq. ft. | |
| Potatoes | Cutworms (Surface & Subterranean) | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| Radishes | Mole Crickets | 7 oz. per 1,000 sq. ft. | Broadcast and mix into soil 1-2 days before planting. |
| Spinach | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| Squash (Summer and Winter) | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting and |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| Sweet Corn | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| | Seed Corn Maggots | 14-28 oz. per 1,000 sq. ft. | |
| Sweet Potatoes | Wireworms, Flea Beetles | 21 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| Swiss Chard | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| Tomatoes | Cutworms | 14-28 oz. per 1,000 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| | Mole Crickets | 7 oz. per 1,000 sq. ft. | |
| Turnips | Mole Crickets | 7 oz. per 1,000 sq. ft. | Broadcast and mix into soil 1-2 days before planting. |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |
| | Wireworms | 21-28 oz. per 1,000 sq. ft. | |

NOTICE

IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE 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 PLATTE, THE MANUFACTURER OR SELLER. IN NO CASE SHALL PLATTE, THE MANUFACTURER OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER. EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE, THE MANUFACTURER

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FORMULATED FOR
PLATTE CHEMICAL CO.

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