

100-468

3/27/2001

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Ms. Carolyn Brinkley  
Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, NC 27419-8300

MAR 27 2001

Dear Ms. Brinkley:

Subject: Amendment - Comply with 12/5/2000 Diazinon MOA and  
Update First Aid per PR Notice 2001-1  
D.z.n Granular Lawn Insect Control  
EPA Registration Number 100-468  
Your submission dated March 7, 2001  
and your FAXs of March 22 and March 27, 2001

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Submit three (3) copies of your final printed labeling before you release the product for shipment.
3. In accordance with the December 5, 2000 Memorandum of Agreement between the Environmental Protection Agency and Syngenta Crop Protection, Inc. and Makhteshim Chemical Works, Ltd., regarding the registration of pesticide products containing diazinon:
  - a. You have requested under section 6(f) of FIFRA that this registration be voluntarily canceled on a date not later than December 31, 2004.
  - b. You may not manufacture, label, or release for shipment this product after June 30, 2003.
  - c. You may not sell or distribute this product after August 31, 2003.
  - d. The registration for this product shall expire and be canceled on December 31, 2004.

- e. You will send to every person who directly purchases this product (i.e., to every seller) a notification of Product Recovery Program to be conducted by Syngenta and Makhteshim after December 31, 2004.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

George T. LaRocca  
Product Manager 13  
Insecticide Branch  
Registration Division (7505C)

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D•z•n®

Treats up to 2500 square feet.

Granular Lawn Insect Control

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

For outdoor use on the home lawn only.

Ready-to-use. Contains 2% diazinon insecticide.

Low Odor - Diazinon

Controls:

- Brown dog ticks
- Chinch bugs
- Sod webworms
- Lawn moths
- Earwigs
- Fleas
- Fire ants\*
- White grubs of:
  - Japanese beetle
  - European chafer
  - Southern chafer



**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
MAR 27 2001**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
100-468

Billbugs

... and many others as listed in the directions for use

\*Aids in control.

See complete list on back of bag.

|                            |        |
|----------------------------|--------|
| Active Ingredient:         |        |
| Diazinon: CAS No. 333-41-5 | .2.0%  |
| Other Ingredients:         | 98.0%  |
| Total:                     | 100.0% |

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements on back of bag.

EPA Reg. No. 100-468

12 1/2 POUNDS  
NET WEIGHT

## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. 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 manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

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**Doz'n 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

Springtails  
 Sod webworms  
 Sowbugs  
 White grubs of:  
 • Japanese beetle  
 • European chafer  
 • Southern chafer

\*Aids in control.

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**DIRECTIONS FOR USE**

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

**Repackaging and reformulation of this product is prohibited.**

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL OR TURF INJURY.**

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## OVERALL LAWN APPLICATION

### SPECIAL PRECAUTIONS TO REDUCE RISKS 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 included within 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.

D•z•n Granular Lawn Insect Control controls certain lawn pests on both grass and dichondra lawns. Apply this product with a fertilizer spreader. Refer to the tables that follow for use rates and spreader settings.

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| Pest   | Rate*                    | Timing/Special Directions  |
|--|--------------------------|--|
| Ants, Armyworms.<br>Bermudagrass mites,<br>Brown dog ticks,<br>Chiggers, Chinch bugs,<br>Clover mites, Crickets,<br>Cutworms, Earwigs,<br>Fleas, Lawn moths<br>(sod webworms),<br>Leafhoppers, Millipedes,<br>Sowbugs (Pillbugs),<br>Springtails ( <i>Collembola</i> ) | 5 lbs./<br>1,000 sq. ft. | Apply when grass is dry.<br>Water lawn lightly after<br>application. If necessary,<br>repeat application at 3-week<br>intervals. Make no more<br>than 4 applications per<br>year.  |
| Billbugs, White grubs<br>of Japanese beetle,<br>European chafer<br>Southern chafer,<br><i>Ataenius spretulus</i><br>(dung beetle)  | 5 lbs./<br>1,000 sq. ft. | Water grass with at least 1/4<br>inch of water application,<br>however, stop watering<br>before puddling occurs.<br><br>For billbug control, apply<br>when activity is first observed<br>or when chewed or brown<br>grass indicates damage. If<br>necessary, repeat application<br>at 3-week intervals. Make no<br>more than 4 applications per<br>year. For grub control, except<br>dung beetle, treat any time<br>between late July and early<br>October. For dung beetle grub<br>control, apply in Spring or<br>early Summer when damage<br>is first noticed. Water grass<br>with at least 1/4 inch of water<br>after application, however,<br>stop watering before puddling<br>occurs. Treat again in late<br>Summer or early Fall if a<br>second generation occurs. |

| Pest              | Rate*                    | Timing/Special Directions  |
|-------------------|--------------------------|--|
| Hyperodes weevils | 5 lbs./<br>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. |

\*1,000 sq. ft. = an area 20 ft. x 50 ft.  
100 sq. ft. = an area 10 ft. x 10 ft.  
5 lbs./1,000 sq. ft. = 8 ozs./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 5 lbs./1,000 sq. ft.

| Spreader<br>Make and Model                   | For insects listed<br>Grass and Dichondra Lawns |
|--|---|
| Central Imperial<br>Mark No. 1662-G          | 7 1/2   |
| Central Suburbia<br>Lawn Spreader No. 1622-0 | 7 1/2   |
| Cyclone<br>Model B1 Rotary                   | 6   |
| Greenfield<br>Model 105                      | 8   |
| J. C. Penney<br>Model 6005                   | 8 1/2   |
| J. C. Penney<br>Rotary Spreader              | 8   |
| Scott's Precision<br>Flow Spreader PF-1      | 6 1/2   |
| Sears Craftsman<br>Model 671.19198           | 7 1/2   |

\*\*For application with other types of equipment, apply at the rate of 5 lbs./1,000 sq. ft.

### SPOT TREATMENT

**Ants:** Apply one tablespoon of D•z•n Granular Lawn Insect Control over and around each individual ant hill.

**Fire Ants:** To aid in the control of fire ants in lawns and other recreational areas, apply 1 1/4 cups over, and 2 ft. around, each fire ant mound. Immediately after application, water in thoroughly. A minimum of 1 gallon of water should be applied to each mound area. Apply water gently to avoid disturbing ants. Use of high-pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. Treat as necessary.

**Note:** For best results, apply in cool weather, 65-80°F, or in early morning or late evening hours. Treat new mounds as they appear.

**Digger wasps:** Apply one tablespoon of D•z•n Granules in and around each individual ground nest opening. Make the application about dusk when the 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                           |
| Clover mites    | Fleas    | Springtails ( <i>Collembola</i> ) |

To control these pests, apply a 2-ft. band of D•z•n Granular Lawn Insect Control next to the house foundation. Distribute granules uniformly, using a rate of 8 ozs./100 sq. ft. of area (2 ft. x 50 ft.) treated. If necessary, repeat application at 3-week intervals.

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### STORAGE AND DISPOSAL

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**Storage:** Store in original container in a cool, dry, well-ventilated area inaccessible to children and domestic animals. Do not store near fertilizers, herbicides, 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.

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**PRECAUTIONARY STATEMENTS**

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**Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing dust and contact with eyes, skin, or clothing. Wash thoroughly after handling and before smoking or eating. May cause contact sensitization following repeated contact with skin of susceptible individuals. If sensitization reactions result, contact a physician. Do not store near food or feed products. Food utensils, such as tablespoons 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 onto the treated area until granules have been watered in and the grass has dried.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

| <b>FIRST AID</b>   |   |
|--|---|
| This product contains diazinon, an organophosphate insecticide that inhibits cholinesterase. |   |
| <b>If swallowed</b>  | <ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have a person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious or convulsing person.</li></ul> |
| <b>If in eyes</b>  | <ul style="list-style-type: none"><li>• 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.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |
| <b>If inhaled</b>  | <ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>  |
| <b>If on skin or clothing</b>  | <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |
|  |   |

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|---|
| <b>HOT LINE NUMBER</b>  |
| In the event of a major fire, spill, or other emergency call 1-800-888-8372 day or night.   |
| <b>NOTE TO PHYSICIAN</b>  |
| This product contains diazinon, an organophosphate that inhibits cholinesterase. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal, but should be administered only in conjunction with atropine. |

**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 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. 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 within 75 ft. of any body of water that 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 wash water.

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D•z•n® trademark of Syngenta