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JUN - 4 1990

Ms. Carolyn Bussey
Ciba-Geigy Corporation
P.O. Box 18300
Greensboro, NC 27419

Subject: Amendments - Revise per Agency letter of March 26, 1990;
Delete directions for postemergence (whorl) application
to corn, together with associated pest claims
D-z-n 6000 Lawn and Garden Insect Control
EPA Reg. No. 100-528
Your submission dated June 1, 1990

Dear Ms. Bussey:

The amendment referred to above, submitted in connection with a registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable and a stamped copy of the label is enclosed for your records. When preparing the actual product labels, please revise the description under the crop "Melons" to show the closing parenthesis after "& Hybrids of these", rather than after "& Hybrids of these and watermelons".

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (H7504C)

D·z·n[®]

6000

Lawn & Garden Insect Control

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

Ready-to-use Granules.
Contains 5% diazinon insecticide

Treats up to 5000 square feet.

10 Pounds
Net Weight

Active Ingredient:
Diazinon: O,O-Diethyl
O-(2-isopropyl-6-
methyl-4-pyrimidinyl)
phosphorothioate, 5%

Inert Ingredients: 95%

Total: 100%

KEEP OUT OF REACH
OF CHILDREN.

CAUTION

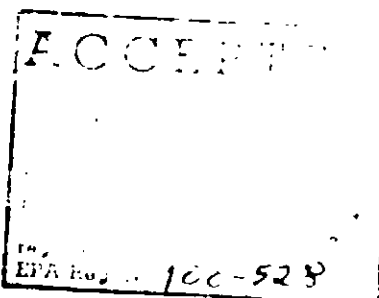
See additional precautionary statements on back of bag.

EPA Reg. No. 100-528

D·z·n kills:

Ants, Armyworms
Bermudagrass mites
Billbugs
Brown dog ticks
Chiggers, Chinch bugs
Crickets, Cutworms
Earwigs, Fire ants*
Fleas, Onion maggots
Root maggots
Sod webworms
White grubs of
• Japanese beetle
• European chafer
• Southern chafer
Wireworms
... and others
* Aids in control

See Directions for Use.



CIBA-GEIGY

In Lawns D•z•n kills

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

In Gardens D•z•n kills

Cutworms	Onion maggots	Wireworms
Mole crickets	Root maggots	

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 CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

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

DIRECTIONS FOR USE

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

Overall Lawn Application

D•z•n 6000 controls the following lawn insects on both grass and dichondra lawns:

- Ants • Armyworms • Bermudagrass mites • Brown dog ticks • Chiggers • Chinch bugs • Clover mites • Crickets • Cutworms • Earwigs • Fleas • Lawn moths (sod webworms) • Leathoppers • Millipedes • Sowbugs • Springtails (Collembola)

Precautions: Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. 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 rates, since rates above those recommended significantly increase potential hazards to birds. Avoid overlapping treated areas. If waterfowl, i.e., ducks, geese, can be expected to enter the treated area after treatment (except spot treatments), water lawn with at least 1/2 inch water immediately after application, however, stop watering before puddling occurs.

Apply D•z•n 6000 with a fertilizer spreader. See spreader setting chart below. Apply when grass is dry. Repeat as necessary.

For application with other types of equipment, apply at the rate of 2 lbs. per 1000 sq. ft. (an area 20' by 50') or 3.2 oz. per 100 sq. ft. (an area 10' by 10')

Billbugs; White grubs of Japanese beetle, European chafer, Southern chafer, *Ataenius spretulus* (dung beetle): Apply 2 lbs. per 1,000 sq. ft. of lawn. Water grass thoroughly after application. For billbug control, apply when activity is first observed or when chewed or brown grass indicates damage from these insects. Repeat as necessary. For grub control, except dung beetle, treat any time between late July and early October. For dung beetle grub control, apply in Spring or early Summer when damage is first noticed. Water grass thoroughly with 1/4-1/2 in. of water after application. Treat again in late Summer or early Fall if a second generation occurs.

Hyperodes weevils

Apply 2 lbs. per 1,000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

LAWN SPREADER SETTING NO. (per 1000 sq. ft.)

Spreader Make and Model	Lawns/2 lbs.
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
Scott Precision Flow Spreader Model PF-4	4
Sears Craftsman Model 671 19198	6

Spot Treatment Lawns

Ants: Apply 1 1/2 teaspoons of D•z•n 6000 over and around each ant hill.

Fire ants: To aid in the control of fire ants in lawns and other recreational 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 D•z•n 6000 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 (Collembola)

Apply a 5 foot band of D•z•n 6000 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. Repeat as necessary.

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Vegetables - Insect Control

D•z•n 6000 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.

Unless directions under "Timing/Special Directions" state otherwise, applications for control of pests listed below should be thoroughly mixed into the soil during or immediately after application.

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	TIMING/SPECIAL DIRECTIONS
Beans (Pole, Snap or Lima) (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.	
	Lesser Cornstalk Borers	3½-7 oz per 500 sq ft.	Apply in a 6-inch band centered over the row when plants are ½-1 inch tall
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.	Broadcast and mix into soil 1-2 days before planting
Broccoli	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
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
Celery	Cutworms	7-14 oz per 500 sq ft.	Broadcast and mix into soil just before planting
	Wireworms	10½-14 oz per 500 sq ft.	
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.	
	Mole Crickets	3½ 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	10½-14 oz per 500 sq ft.	
Endive (Escarole)	Cutworms	7-14 oz per 500 sq ft.	Broadcast and mix into soil just before planting
	Wireworms	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
Kale	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

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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, & 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 (green and bulb)	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 NOTE: Diazinon may not control organo-phosphate-resistant 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 (surculent 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 & Subterranean)	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 commercially grown potatoes which will be hand harvested			

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 just 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.	
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.	
	Seed Corn Maggots	7-14 oz. per 500 sq. ft.	Broadcast just before planting. Mix into soil 2 inches
Sweet Potatoes	Wireworms Flea Beetles	10½ oz. per 500 sq. ft.	Broadcast and mix into soil just before planting Southeastern US - Broadcast 10½ oz. per 500 sq. ft. over the tops of vines when roots begin to enlarge, but do not mix into soil
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

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 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 1-800-888-8372 day or night.

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Precautionary Statements**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 eating or smoking. May cause contact sensitization following repeated contact with skin of susceptible individuals. Avoid repeated contact with skin. If sensitization reactions result, consult a physician. 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 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.

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 product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl 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 and waterfowl. Avoid overlapping granules. Where irrigation (watering) is recommended in the directions or if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply a minimum of $\frac{1}{4}$ inch of water immediately after applying this product. Stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries.

Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Runoff may be hazardous to 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.

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Agricultural Division

CIBA-GEIGY Corporation

Greensboro, North Carolina 27419

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