

MAY - 2 1996

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

Dear Ms. Bussey:

Subject: Amendments - Add Rutabagas; and  
Add Clean Up Directions  
D.z.n 6000 Lawn & Garden Insect Control  
EPA Registration Number 100-528  
Your submission dated May 26, 1995

The amendments referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), are 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. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a. On the front panel, revise the use limitation to read "For outdoor use on the home lawn and the home garden only".
  - b. Capitalize the "F" of "Federal" in the first sentence under the heading DIRECTIONS FOR USE.
  - c. In the first sentence of the Special Precautions to Reduce Risks to Birds, add a comma after "(ducks or geese)".
  - d. In the paragraph following the Special Precautions to Reduce Risks to Birds block, revise "Apply D.z.n 6000 with fertilizer spreader." to "Apply D.z.n 6000 with a fertilizer spreader."

- e. In the lawn pest table, in the **Timing/Special Directions** for billbugs, change the semicolon to a comma in the first sentence to be consistent with the rest of the label. Also, capitalize the "S" of "Spring" and "Summer" in the sentence about dung beetle grub control.
- f. In the **Lawn Spreader Setting** table, you might want to update the name and model numbers on some of the recommended spreaders. For example, Scott now calls their new plastic drop spreader (which replaced the metal Precision Flow series) the Precision Drop spreader with some model designation (a quick check of local retailers or catalogues would probably reveal current spreader designations). Hopefully, the new spreader models still deliver at the same rate and still use the same setting numbers.
- g. In the **Band Treatment Around House Foundation** directions, revise "(5' by 20')" to "(2' by 50')", since the band width is limited to 2-foot wide.
- h. The Agency assumes that the vertical column lines will be continued into the column headings and that a horizontal line (below the column headings for lawn uses, above the column heading for vegetable uses) will appear as on previous versions of this label.
- i. Revise the **Timing/Special Directions** for each vegetable crop that contains directions for control of Mole Crickets to "Broadcast and immediately mix into the soil 1-2 days before planting.". Crops affected by this revision include Beets, Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Collards, Endive, Kale, Lettuce, Mustard, Peppers, Radishes, Rutabagas, Tomatoes, and Turnips.
- j. For the pest **Root Maggots**, you might consider revising the directions to be the same as for Cutworms and Wireworms. i.e., delete "or transplanting". This shortened version is the one that will be appearing on the agricultural labels. In reality all of the soil pests would attack new plants from seed or transplants, so by eliminating this distinction for just root maggots the term planting would then cover sowing of seed or transplanting for all the soil pests. While we have not stipulated that on any of the labels, the users will, hopefully, use the product for the specific pests whether planting (of seed) or transplanting. If you really think it advisable, you could always add "For purposes of this label the term planting includes sowing of seed or transplanting." somewhere near the beginning of the

directions for use for all these diazinon products (or maybe just the homeowner-use products), but this is probably not necessary. An advantage gained from the uniformity of directions for Cutworms, Wireworms, and Root Maggots is that you could then cover all these pests with just a single entry in the **Timing/Special Directions** block, as you do now when the pests Cutworms and Wireworms appear together for a crop. Crops where this consolidation of the **Timing/Special Directions** for all three pests could occur include Broccoli, Brussels Sprouts, Cabbage, and Cauliflower.

- k. For the crop Potatoes, delete "(Surface & Subterranean)" from the **Pest** column. Since surface and subterranean cutworms are covered for all crops, as seen by the Soil Incorporation table, there appears to be no reason to specify both types for just this one crop.
- l. For the crop Rutabagas, for consistency with the rest of the label, reverse the order of the pest entries, i.e. Wireworms appearing before Mole Crickets.
- m. For the crop Spinach, delete the horizontal line in the **Timing/Special Directions** column between the entries for Cutworms and Wireworms.
- n. For the crop Squash (Summer and Winter), delete the horizontal line in the **Timing/Special Directions** column between the entries for Cutworms and Wireworms.
- o. For the crop Sweet Corn, delete the horizontal line in the **Timing/Special Directions** column between the entries for Cutworms and Wireworms. Also, add the horizontal line in the **Pest, Rate** and **Timing/Special Directions** columns between the entries for Wireworms and Seed Corn Maggots.
- p. For the crop Swiss Chard, add the horizontal line in the **Pest** and **Rate** columns between the entries for Cutworms and Wireworms.
- q. For the crop Tomatoes, add the horizontal line in the **Pest** and **Rate** columns between the entries for Cutworms and Wireworms. Also, add the horizontal line in the **Pest, Rate,** and **Timing/Special Directions** columns between the entries for Wireworms and Mole Crickets.
- r. For the crop Turnips, for consistency with the rest of the label, reverse the order of the pest entries, i.e. Wireworms appearing before Mole Crickets.

- s. In the Environmental Hazards, in the second sentence add a comma after "(ducks or geese)". Also, since this is a homeowner-use product, revise "Do not apply directly to water or to areas where surface water is present, or to intertidal areas below the mean high water mark." to just "Do not apply directly to water."
- 3. Submit three (3) copies of your final printed labeling before you release the product for shipment.

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-Rodenticide Branch  
Registration Division (7505C)

DRAFT/CROP

D·z·n® 6000

TREATS UP TO 5000 SQUARE FEET

Lawn & Garden  
Insect  
Control

For outdoor use on the home  
lawn and in the home garden only.

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

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAY -2 1996

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:  
. European chafer  
. Japanese beetle  
. Southern chafer  
Wireworms  
and others

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
100-528

\*Aids in control.

See Directions for Use.

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

EPA Est.

Ten Pounds  
Net Weight

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.

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Conditions of Sale and Warranty

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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.

In Lawns  
D·z·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
- Sod webworms
- Sowbugs (Pillbugs)
- Springtails
- White grubs of:
  - . European chafer
  - . Japanese beetle
  - . Southern chafer

\*Aids in control.

In Gardens  
D·z·n kills

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

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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.

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.

D·z·n 6000 controls certain lawn insects on both grass and dichondra lawns. Apply D·z·n 6000 with fertilizer spreader.  
Note: Sweep any granules on walkways, driveways, or patios into the surrounding lawn area. Refer to the tables that follow for use rates and spreader settings.



Pest	Rate*	Timing/Special Directions
<p>Ants, Armyworms, Bermuda-grass mites, Brown dog ticks, Chiggers, Chinch bugs, Clover mites, Crickets, Cutworms, Earwigs, Fleas, Lawn moths (sod webworms), Leafhoppers, Millipedes, Sowbugs (Pillbugs), Springtails (Collembola)</p>	<p>2 lbs. per 1,000 sq. ft.</p>	<p>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.</p>
<p>Billbugs, White grubs of Japanese beetle, European chafer, Southern chafer, <i>Ataenius spretulus</i> (dung beetle)</p>	<p>2 lbs. per 1,000 sq. ft.</p>	<p>Water grass with at least 1/4 inch of water after application; however, stop watering if puddling occurs.</p> <p>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 application, however, stop watering if puddling occurs. Treat again in late Summer or early Fall if a second generation occurs.</p>

<u>Pest</u>	<u>Rate*</u>	<u>Timing/Special Directions</u>
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.

\*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.)

<u>Spreader Make and Model</u>	<u>Setting</u>
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

\*\*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 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 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 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 house foundations, and may enter the house:

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

Apply a 2-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. 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 D.z.n 6000 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.

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.

Do not apply this product to food crops grown in greenhouses.

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.

SOIL INCORPORATION

<u>Insect</u>	<u>Depth of Mixing or Incorporation into Soil</u>
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.

<u>Crop</u>	<u>Pest</u>	<u>Rate</u>	<u>Timing/Special Directions</u>
Beans (Lima, Pole and Snap) (succulent only)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	

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

Beets, Red (Table)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Broccoli	Root Maggots	7-10 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.

<u>Crop</u>	<u>Pest</u>	<u>Rate</u>	<u>Timing/Special Directions</u>
Broccoli Cont'd)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1- 2 days before planting.
Brussels Sprouts	Root Maggots	7-10 1/2 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	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1- 2 days before planting.
Cabbage	Root Maggots	7-10 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.

Crop	Pest	Rate	Timing/Special Directions
Cabbage (Cont'd)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 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	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1- 2 days before planting.
Cauliflower	Root Maggots	7-10 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.



<u>Crop</u>	<u>Pest</u>	<u>Rate</u>	<u>Timing/Special Directions</u>
Cauliflower (Cont'd)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 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	10 1/2-14 oz. per 500 sq. ft.	
Collards	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1- 2 days before planting.

<u>Crop</u>	<u>Pest</u>	<u>Rate</u>	<u>Timing/Special Directions</u>
Cucumbers	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms .	10 1/2-14 oz. per 500 sq. ft.	
Endive (Escarole)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 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	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.

Crop	Pest	Rate	Timing/Special Directions
Lettuce	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 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	10 1/2-14 oz. per 500 sq. ft.	
Mustard	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.

<u>Crop</u>	<u>Pest</u>	<u>Rate</u>	<u>Timing/Special Directions</u>
Onions (Bulb and Green)	Onion Maggots	7-14 oz. per 500 sq. ft.	Broadcast just before planting and mix into the top 3-4 inches of soil.  <u>Note:</u> Resistant onion maggots will not be controlled by diazinon or similar type insecticides.
	Wireworms	10 1/2-14 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	10 1/2-14 oz. per 500 sq. ft.	
Peas (succulent only)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.

<u>Crop</u>	<u>Pest</u>	<u>Rate</u>	<u>Timing/Special Directions</u>
Peas (cont'd)	Wireworms	10 1/2-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.

**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	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1- 2 days before planting.
Potatoes	Cutworms (Surface & Subter- ranean)	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	

<u>Crop</u>	<u>Pest</u>	<u>Rate</u>	<u>Timing/Special Directions</u>
Radishes	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Rutabagas	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Spinach	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 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	10 1/2-14 oz. per 500 sq. ft.	

<u>Crop</u>	<u>Pest</u>	<u>Rate</u>	<u>Timing/Special Directions</u>
Sweet Corn	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Seed Corn Maggots	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil 2 inches just before planting.
Sweet Potatoes	Wireworms, Flea Beetles	10 1/2 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	10 1/2-14 oz. per 500 sq. ft.	
Tomatoes	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1- 2 days before planting.

Crop	Pest	Rate	Timing/Special Directions
Turnips	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10 1/2-14 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 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 1-800-888-8372 day or night.

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 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.

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.

Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. 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.

D·z·n® trademark of Ciba-Geigy Corporation

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Ciba Crop Protection  
Ciba-Geigy Corporation  
Greensboro, North Carolina 27419

CGA A1L86

June 20, 1983

(Initial Copy of 10 Lb. Bag)

Revised July 19, 1983  
Incorporated crane fly-SLN  
for Washington State.)

Revised March 18, 1987  
(cancelled SLN), revised  
Storage & Disposal

Revised April 6, 1988  
added do not use on golf  
courses and sod farms.

Revised September 13, 1988  
Changed chem. name, deleted  
crops not supported under  
May 1, 1987 EPA Data Call-  
In, reduced rates on turf to  
a max. of 4 lbs. a.i./A,  
added avian precautions.

Revised November 4, 1988  
specified sweet corn.

Revised May 30, 1989 -  
Revised rates to concur with Data  
Call-In residue program, changed  
format, deleted vinegar flies from  
tomatoes, added several pests to  
some crops, garden symphytan sup-  
pression only, revised Storage and  
Disposal, Env. Hazards,  
Precautionary Statements

Revised August 10, 1989  
Dropped garden symphytans,  
added mixing depth table.

Revised 11/22/89 per comments in  
EPA's 9/25/89 letter and added  
Reg. Standard changes - spill  
statement.

Revised per EPA letter  
12/4/89 - (Env. Hazards and  
changes to match 14G label).  
This finalizes Reg. Standard  
changes.

Revised 6/14/90 - deleted post-  
emergence app - beans

Corrected 1/4/90 - "If inhaled,"  
and "If swallowed"  
statements

Corrected 1/25/90 - Deleted  
in-furrow application for rad-  
ishes/root maggots and