

2/15 REG 100-469 1/5



For Agricultural or Commercial Use Only

# diazinon 14G

## Granular Insecticide

For control of certain soil insects including wireworms, cutworms, and other crop pests

**50 Pounds**  
Net Weight

Active Ingredient:  
Diazinon: O,O-Diethyl  
O-(2-isopropyl-6-  
methyl-4-pyrimidinyl) phosphoro-  
thioate ..... 14.3%

Inert  
Ingredients: 85.7%

Total: 100.0%

EPA Reg. No. 100-469

D·z·n diazinon 14G is a granular insecticide.

**KEEP OUT OF REACH OF CHILDREN.**

### CAUTION

See additional precautionary statements on back of bag.

Control No. **06850**

See directions for use on back of bag.

Label Acceptance Statement  
On 9/10/86 the US EPA accepted the typed form of this label. This is the final printed label and includes EPA requested revision.  
Agt. Div., CIBA-GEIGY Corp.  
Greensboro, NC

# CIBA-GEIGY

NOT REVIEWED  
In Accordance with PR Notice 82-2.  
Based on Draft Labeling Dated **SEP 10 1986**

CGA 130-572D

**D-z-n<sup>3</sup> diazinon 14G**

2/5

**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.

**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.

**Reentry Statement for Agricultural Uses**

No user shall permit the application of this product in such a manner as to directly or indirectly expose workers or other persons except those knowingly involved in the application. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until dusts have settled. Protective clothing includes at least a hat or other suitable head covering, a long-sleeved shirt and long-legged trousers or a coverall type garment (all of a closely woven fabric) covering the body including arms and legs, socks and shoes.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given which inform workers of areas or fields that may not be entered without specific protective clothing until dusts have settled and appropriate actions to take as described under Caution statements at the end of this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: "CAUTION. Area treated with Diazinon 14G on (date of application). Do not enter without appropriate protective clothing until dusts have settled. In case of accidental exposure, flush eyes or skin with plenty of water. Call a physician if irritation persists. Remove and wash contaminated clothing before reuse."

Applications to the soil should be worked into the top few inches immediately after application with a rotary hoe, cultivator, disk, harrow, or other suitable means for greatest effectiveness.

**FAILURE TO FOLLOW ALL DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR INSECT CONTROL, AND/OR ILLEGAL RESIDUES.**

**Field and Forage Insects**

**Beans (Pinto)**

Lesser Cornstalk Borers: Apply 7-14 lbs. per acre in a 6-inch band centered over the row when beans are 1/2-1 inch high.

**Corn**

Corn Rootworm Larvae: (Postemergence Basal Treatment)

Apply 4 1/2-8 1/2 oz. per 1,000 linear feet of row in a band over the row at first sign of rootworms, but not later than June 24 in the Middle Corn Belt or July 1 in the Northern Corn belt. Cover treated band with 2-3 inches of soil.

Apply amount per acre recommended according to row spacing chart for basal treatment.

Lesser Cornstalk Borers: Apply 8 1/2-17 oz. per 1,000 linear feet of row in a 10-inch band centered over the row. Make application at planting time or when crop begins to emerge. Cover the treated band with 1-2 inches of soil.

Apply amount per acre recommended according to row spacing chart for basal treatment.

**Suggested Rates According to Corn Row Spacing**

Row Spacing	Linear feet of corn row per acre	Amount of D-z-n diazinon 14G Per Acre
		Postemergence Basal Treatment
48"	10,890	3-6 lbs.
42"	12,455	3 1/4-6 1/2 lbs.
40"	13,068	3 1/2-7 lbs.
38"	13,939	3 3/4-7 1/2 lbs.
36"	14,520	4-8 lbs.
30"	17,424	4 3/4-9 1/2 lbs.
24"	21,780	5 3/4-11 1/2 lbs.
20"	26,136	7-14 lbs.
15"	34,848	9 1/4-18 1/2 lbs.

**Note:** For row spacings not listed, calculate the appropriate dosage rates based on the 40-in. row figures.

European Corn Borers: Apply 7-14 lbs. per acre over the corn so granules fall into whorls, when 75% of plants show first-generation borers feeding. Make a second application 7 days later if needed. To control second-generation corn borers, apply 7-14 lbs. per acre, as above, when field count shows 100 egg masses per 100 plants.

D-z-n diazinon 14G may be applied by aircraft for the above use. This material should be uniformly applied to the area to be treated at the recommended rates given above.

Fall Armyworms: Apply 7-14 lbs. per acre over the corn so granules fall into whorls when armyworms first appear. Repeat application if necessary.

Southwestern Corn Borers: Apply 7-14 lbs. per acre over the corn so granules fall into whorls when second-generation borers first appear. Repeat application one week later.

**Note:** Do not feed treated fodder to dairy or beef cattle or sheep for 10 days following application. Corn may be picked immediately. Temporary spotting of foliage sometimes occurs following application.

NOT REVIEWED

In Accordance with PR Notice 82-2,

Based on Draft Labeling Dated SEP 10 1986

D-z-n<sup>a</sup> diazinon 14G

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**Cutworms:** Broadcast 14-28 lbs. per acre. For surface cutworms apply just prior to planting or when larvae first appear and work into soil 1-2 inches. Do not apply after lay-by. For subterranean cutworms, apply just prior to planting and work into soil 3-6 inches.

**Seed Corn Maggots:** Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2 inches.

**Garden Symphylans (Centipedes):** Broadcast 70 lbs. per acre just prior to planting and work into soil 4-8 inches. This pre-plant treatment will also control other soil insects such as cutworms (surface and subterranean) and wireworms.

**Wireworms:** Broadcast 21-28 lbs. per acre before planting. Work into soil 4-6 inches.

**Peanuts**

**Southern Corn Rootworms:** Broadcast 28 lbs. per acre or the equivalent in a band over the fruiting zone, just prior to pegging. Work into top few inches of soil.

**Cutworms:** Apply 14 lbs. per acre in a 12-inch band over the row when cutworms first appear. Up to three additional applications at three-week intervals may be necessary. Do not apply within 21 days of peanut harvest.

**Lesser Cornstalk Borers:** Apply 14-21 lbs. per acre in a band over the fruiting zone just prior to pegging. Cover the band with 1-2 inches of soil.

**Note:** Livestock (1) may be fed peanut hulls, (2) may be fed peanut forage 7 days following treatment and (3) may be fed peanut hay 21 days following treatment.

**Sorghum**

**Cutworms:** Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms; 3-6 inches to control subterranean cutworms.

**Lesser Cornstalk Borers:** Apply 7-14 lbs. per acre in a 10-inch band over the row at planting time or as crop emerges. Cover the band with 1-2 inches of soil.

**Note:** Do not apply directly to the seed furrow as reduction of sorghum seed germination may occur.

**Soybeans**

**Cutworms:** Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms; 3-6 inches to control subterranean cutworms.

**Lesser Cornstalk Borers:** Apply 7-14 lbs. per acre in a 6-inch band over the row just prior to planting or when soybeans are 1-2 inches high. Cover the band with 1-2 inches of soil.

**Sugar Beets**

**Sugar Beet Root Maggots:** Apply 7-14 lbs. per acre in a 5-7 inch band (based on row width of 22 in.) or 4.7-9.4 oz. per 1,000 linear feet of row in a 5-7 inch band either incorporated 2-3 inches at planting or applied above the seed after the seed is covered. Apply ahead of the press wheel. If a heavy maggot infestation is anticipated or a wet spring occurs, a second application may be made, early postemergence, when the adult maggots (flies) first start to appear. If a second application is necessary, apply 7-10½ lbs. per acre in a 5-7 inch band (based on row width of 22 in.) or 4.7-7.1 oz. per 1,000 linear feet of row in a 5-7 inch band directly over the row.

**Note:** D-z-n diazinon 14G should not come in direct contact with the seed or injury will occur.

**Wireworms:** Broadcast 21-28 lbs. per acre just prior to planting. Work into soil 4-8 inches.

**Sugarcane**

**Sugarcane Borers:** Broadcast 10½-17½ lbs. per acre after joints have begun to form and when at least 5% of plants show borers feeding in or under the leaf sheath, but which have not bored into the stalks. Additional applications may be necessary to assure continuing control.

**Note:** Do not make more than four applications per growing season. Allow 28 days between last application and harvest. At that time bagasse and forage may be fed to livestock.

**Wireworms:** Apply 42 lbs. per acre in a 12-inch band over the open furrow, directly to seed pieces.

**Tobacco**

**Cutworms:** Broadcast 14-21 lbs. per acre before transplanting. Work into soil 2-4 inches.

**Mole Crickets:** Apply 7 lbs. per acre when insects are present. Make application to plant beds or fields 1-2 days prior to sowing of seed or transplanting and work into soil 1-2 inches.

**Seed Corn Maggots:** Broadcast 10½ lbs. per acre 3-4 weeks before transplanting. Work into soil 2 inches.

**Wireworms:** Broadcast 14-21 lbs. per acre 3-4 weeks before transplanting. Work into soil 6-9 inches.

**Forage Crops (Alfalfa, Clover, Cowpeas, and Lespedeza)**

**Cutworms:** Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms, 3-6 inches to control subterranean cutworms.

**Vegetable Crop Insects**

**Broccoli, Brussels Sprouts, Cabbage, and Cauliflower**

**Root Maggots:** Broadcast 14-21 lbs. per acre before planting or transplanting. Work into soil 3-4 inches.

**Onions**

**Onion Maggots:** Apply 14-28 lbs. per acre as broadcast soil treatment just prior to planting. Thoroughly mix the chemical into the top 3-4 inches of soil by disking, harrowing, or other suitable means.

**Radishes**

**Root Maggots:** Apply 10½-14 lbs. per acre (2½-2½ oz. per 1,000 linear feet of row) in the seed furrow at planting time.

**Sweet Corn**

See Corn under Field and Forage Insects.

**Tomatoes**

**Vinegar Flies (*Drosophila* spp.):** Broadcast 7 lbs. per acre when flies first appear. Repeat in 7-10 day intervals or as required.

**Other Vegetable Insects**

**Cutworms (Surface and Subterranean)**

Broccoli	Endive	Pole Beans
Brussels	(escarole)	Snap Beans
Sprouts	Kale	Spinach
Cabbage	Lettuce	Summer Squash
Cantaloupes	Lima Beans	Swiss Chard
Cauliflower	Muskmelons	Tomatoes
Celery	Parsley	Watermelons
Collards	Peas	Winter Squash
Cucumbers	Peppers	

Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms, 3-6 inches to control subterranean cutworms.

**Potatoes:** Broadcast 14-28 lbs. per acre before planting. Work into soil 4-6 inches.

**Garden Symphylans (Centipedes)**

Cabbage	Peas	Red Beets
Carrots	Pole Beans	Snap Beans
Lettuce	Radishes	Tomatoes
		Turnips

Broadcast 1.6 lbs. per 1,000 square feet just prior to planting. Work into soil 4-8 inches. This preplant treatment will also control other soil insects such as cutworms (surface and subterranean), mole crickets, root maggots, and wireworms.

**Mole Crickets**

Broccoli	Endive (escarole)	Radishes
Brussels Sprouts	Kale	Tomatoes
Cabbage	Lettuce	Turnips
Cauliflower	Mustard	
Collards	Peppers	

Apply 7 lbs. per acre when insects are present. Make application to plant beds or fields 1-2 days prior to sowing of seed or transplanting and work into soil 1-2 inches.

**Lesser Cornstalk Borers**

Beans (Lima, Pole, Snap): Apply 7-14 lbs. per acre in a 6-inch band centered over the row. Apply when plants are 1/2-1 inch tall.

**Wireworms**

Broccoli	Endive	Pole Beans
Brussels Sprouts	(escarole)	Snap Beans
Cabbage	Kale	Spinach
Cantaloupes	Lettuce	Summer Squash
Carrots	Lima Beans	Sweet Potatoes
Cauliflower	Muskmelons	Swiss Chard
Celery	Onions	Tomatoes
Collards	Parsley	Watermelons
Cucumbers	Peas	Winter Squash
	Peppers	

Broadcast 21-28 lbs. per acre just prior to planting. Work into soil 4-8 inches.

Potatoes: Broadcast 21-42 lbs. per acre before planting. Work into soil 4-8 inches or apply 7-21 lbs. per acre at planting, placing D-z-n diazinon 14G in bands 3-6 inches deep along both sides of row.

Sweet Potatoes (Southeastern U.S.): Broadcast 21 lbs. per acre over the tops of vines when roots begin to enlarge.

**Lawn Pest Control (Excluding Golf Courses and Sod Farms)**

**Lawn Chinch Bugs:** Apply 0.3-0.6 lb. (5-10 oz.) per 1,000 sq. ft. (1.5-3.0 lbs. per 5,000 sq. ft.) and brush lawn to work granules down to the soil surface. Repeat application in 7-10 days if necessary. For longer residual control and on dense growing lawns such as St. Augustine grass, use the higher rate.

**Billbugs; White Grubs such as Japanese Beetle Larva, European Chafer, and Southern Chafer:** Apply 0.6 lbs. (10 oz.) per 1,000 sq. ft. of lawn. For grub control make application any time between late July and early October. For billbug control apply when activity is first observed or when chewed or brown grass is present, indicating damage from this insect.

**Hyperodes Weevil (New York only):** Apply 0.6 lb. (10 oz.) per 1,000 sq. ft. of grass. Treat problem areas in mid-April and again in mid-May.

*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 label rates, since rates above those recommended significantly increase potential hazards to birds. Avoid overlapping of sprays. If waterfowl, i.e., ducks, geese can be expected to enter the treated area after treatment (except spot treatments), water lawn with at least 0.25 inch water immediately after application, however stop watering before puddling occurs.*

**Golf Course and Sod Farm Pest Control**

**Lawn Chinch Bugs:** Apply 0.3-0.6 lb. (5-10 oz.) per 1,000 sq. ft. (1.5-3.0 lbs. per 5,000 sq. ft.) and brush lawn to work granules down to the soil surface. Repeat application in 7-10

days if necessary. For longer residual control and on dense growing lawns such as St. Augustine grass, use the higher rate.

**Billbugs; White Grubs such as Japanese Beetle Larva, European Chafer, and Southern Chafer:** Apply 0.6 lb (10 oz.) per 1,000 sq. ft. of lawn. For grub control make application any time between late July and early October. For billbug control apply when activity is first observed or when chewed or brown grass is present, indicating damage from this insect.

**Hyperodes Weevil (New York only):** Apply 0.6 lb. (10 oz.) per 1,000 sq. ft. of grass. Treat problem areas in mid-April and again in mid-May.

*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 label rates, since rates above those recommended significantly increase potential hazards to birds. Avoid overlapping of sprays. Follow all applications immediately with a minimum of 0.25 inch water immediately after application, however stop watering before puddling occurs.*

**Storage and Disposal**

Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry, well-ventilated area away from foodstuffs.

**Pesticide:** Pesticide or equipment rinsate that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

**Container:** Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles into application equipment. Then dispose of empty bag in a sanitary landfill or incinerate, or burn if allowed by state and local authorities. Stay out of smoke during burning. Do not reuse container.

**Caution**

Keep out of reach of children.

Harmful if swallowed. Avoid contamination of food and feed. Do not store near food or feed products. Avoid inhalation of dust. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. May be absorbed through skin.

**Fish and Wildlife Caution**

This product is toxic to birds, fish and wildlife including waterfowl. Birds and waterfowl feeding on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates, as rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. Where irrigation (watering) is recommended apply a minimum of 0.25 inch of water immediately after application. Stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries (except for effluence from treated watercross beds). Do not apply to water that will be used for recreational purposes and human livestock consumption. 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. This product must not be used in areas where impact on threatened endangered species is likely. Contact your State Fish and Game Agency for information pertaining to areas having threatened endangered species.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Application should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

D-z-n<sup>®</sup> diazinon 14G

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Apply this product only as specified on this label.

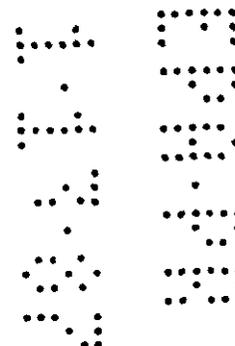
D-z-n<sup>®</sup> trademark of CIBA-GEIGY for diazinon

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Agricultural Division  
CIBA-GEIGY Corporation  
Greensboro, North Carolina 27419  
CGA 1L60W 096

NOT REVIEWED  
In Accordance with PR Notice 82-2.  
Based on Draft Labeling Dated

SEP 10 1986



Ms. Carolyn Brinkley  
Dow Chemical Corporation  
Agricultural Division  
P.O. Box 18300  
Greensboro, NC 27419

SEP 10 1986

Dear Ms. Brinkley:

Subject: Amendments - Specify use site  
at lower application rate  
D-z-n Diazinon 50W  
EPA Registration No. 100-460  
D-z-n Diazinon AG500  
EPA Registration No. 100-461  
D-z-n Diazinon 14G  
EPA Registration No. 100-469  
Your submissions dated May 7, 1986

The labels referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, are acceptable. It should be understood that acceptance of the amended labels for the subject products does not constitute the Agency's determination in regard to the Special Review of diazinon on the sites golf courses and sod farms concerning avian toxicity, nor should it be construed in any way as signifying the Agency's agreement or determination that the subject label changes reduce the avian hazard to an acceptable level. The Agency will publish its official determination as Position Document 4 of the Special Review.

There appears to be some confusion as to the appropriate protective clothing for farmworkers that appear on the labels for EPA Reg. Nos. 100-460 and 100-461. The protective clothing required for farmworkers is not the same as the protective clothing required for mixer/loaders or applicators. Therefore, based on PR Notice 83-2, delete "as described in the USDA/EPA Guide for Commercial Applicators" from the Re-Entry Statement. The appropriate protective clothing statement for farmworkers should read: "Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long legged trousers or a coverall type garment (all of a closely woven fabric covering the body, including the arms and legs), socks and shoes."

Revise the PRECAUCION AL USARIO appearing on EPA Reg. Nos. 100-460 and 100-461 to read as follows:

Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicado ampliamente.

It is further noted that the current label submissions have not addressed the concerns of our October 1, 1984 letter for EPA Reg. No. 100-460, regarding the fact that a product label cannot call for use of more product than is available in an intact container (copy enclosed). It should be noted that the same comment applies to all products, and that a similar situation appears to exist for EPA Reg. No. 100-469, since the declared package size is "up to 50 pounds" (but not further specified), as well as for EPA Reg. No. 100-461 which is sold in 1 gallon containers, but whose directions call for use of 3-6 quarts of product per acre (wireworms/vegetables), 5 quarts per acre (pineapple scales), and 10 quarts per acre (garden symphylans/vegetables). You may elect to give the dosage rates for a master label for each product that would not call for use of more product than available in the smallest size marketed, or you may elect to submit separate labeling for either 1) each container size, or 2) for a grouping of container sizes, provided that the rates given would be appropriate for the smallest size container in a given grouping. Please include such revisions in your next label amendment submission.

Please submit five (5) copies of the revised amended labeling for each of the subject products prior to release for shipment under the amended labels. Stamped copies of the labels are enclosed for your records.

Sincerely yours,

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

For Agricultural or Commercial Use Only

D·z·n® diazinon 14G

Granular Insecticide

For control of certain soil insects including wireworms, cutworms, and other crop pests

50 Pounds  
Net Weight

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 10 1986

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 100-469

Active Ingredient:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate .....	14.3%
Inert Ingredients:	85.7%
Total:	100.0%

EPA Reg. No. 100-469

D·z·n diazinon 14G is a granular insecticide

Keep Out of Reach of Children.

CAUTION

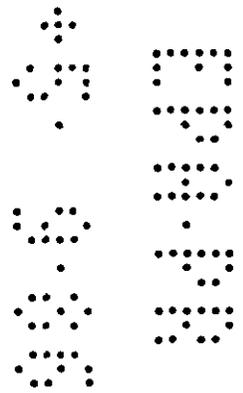
See additional precautionary statements on back of bag.

Control No.

See directions for use on back of bag.

50 Pounds  
Net Weight

CIBA-GEIGY



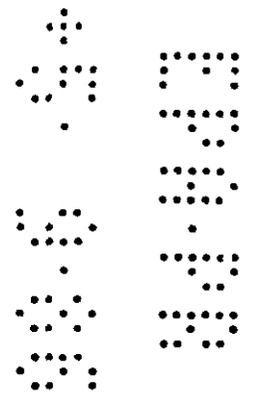
DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

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.



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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.

Reentry Statement for Agricultural Uses

No user shall permit the application of this product in such a manner as to directly or indirectly expose workers or other persons except those knowingly involved in the application. The area being treated must be vacated by unprotected persons.

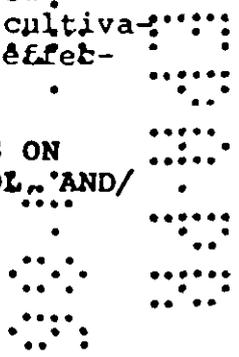
Do not enter treated areas without protective clothing until dusts have settled.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given which inform workers of areas or fields that may not be entered without specific protective clothing until dusts have settled and appropriate actions to take as described under Caution statements at the end of this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: "CAUTION. Area treated with Diazinon 14G on (date of application). Do not enter without appropriate protective clothing until dusts have settled. In case of accidental exposure, flush eyes or skin with plenty of water. Call a physician if irritation persists. Remove and wash contaminated clothing before reuse."

Applications to the soil should be worked into the top few inches immediately after application with a rotary hoe, cultivator, disk, harrow, or other suitable means for greatest effectiveness.

**FAILURE TO FOLLOW ALL DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR INSECT CONTROL AND/OR ILLEGAL RESIDUES.**



Field and Forage Insects

Beans (Pinto)

Lesser Cornstalk Borers: Apply 7-14 lbs. per acre in a 6-inch band centered over the row when beans are 1/2-1 inch high.

Corn

Corn Rootworm Larvae: (Postemergence Basal Treatment)

Apply 4 1/2-8 1/2 oz. per 1,000 linear feet of row in a band over the row at first sign of rootworms, but not later than June 24 in the Middle Corn Belt or July 1 in the Northern Corn Belt. Cover treated band with 2-3 inches of soil.

Apply amount per acre recommended according to row spacing chart for basal treatment.

Lesser Cornstalk Borers: Apply 8 1/2-17 oz. per 1,000 linear feet of row in a 10-inch band centered over the row. Make application at planting time or when crop begins to emerge. Cover the treated band with 1-2 inches of soil.

Apply amount per acre recommended according to row spacing chart for basal treatment.

Suggested Rates According to Corn Row Spacing

Row spacing	Linear feet of corn row per acre	Amount of D·z·n diazinon 14G
		Per Acre Postemergence basal treatment
48"	10,890	3-6 lbs.
42"	12,455	3 1/4-6 1/2 lbs.
40"	13,068	3 1/2-7 lbs.
38"	13,939	3 3/4-7 1/2 lbs.
36"	14,520	4-8 lbs.
30"	17,424	4 3/4-9 1/2 lbs.
24"	21,780	5 3/4-11 1/2 lbs.
20"	26,136	7-14 lbs.
15"	34,848	9 1/4-18 1/2 lbs.

Note: For row spacings not listed, calculate the appropriate dosage rates based on the 40-in. row figures.

European Corn Borers: Apply 7-14 lbs. per acre over the corn so granules fall into whorls, when 75% of plants show first-generation borers feeding. Make a second application 7 days later if needed. To control second-generation corn borers, apply 7-14 lbs. per acre, as above, when field count shows 100 egg masses per 100 plants.

D·z·n diazinon 14G may be applied by aircraft for the above use. This material should be uniformly applied to the area to be treated at the recommended rates given above.

Fall Armyworms: Apply 7-14 lbs. per acre over the corn so granules fall into whorls when armyworms first appear. Repeat application if necessary.

Southwestern Corn Borers: Apply 7-14 lbs. per acre over the corn so granules fall into whorls when second-generation borers first appear. Repeat application one week later.

8/15

Note: Do not feed treated fodder to dairy or beef cattle or sheep for 10 days following application. Corn may be picked immediately. Temporary spotting of foliage sometimes occurs following application.

Cutworms: Broadcast 14-28 lbs. per acre. For surface cutworms apply just prior to planting or when larvae first appear and work into soil 1-2 inches. Do not apply after layby. For subterranean cutworms, apply just prior to planting and work into soil 3-6 inches.

Seed Corn Maggots: Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2 inches.

Garden Symphylans (Centipedes): Broadcast 70 lbs. per acre just prior to planting and work into soil 4-8 inches. This preplant treatment will also control other soil insects such as cutworms (surface and subterranean) and wireworms.

Wireworms: Broadcast 21-28 lbs. per acre before planting. Work into soil 4-6 inches.

#### Peanuts

Southern Corn Rootworms: Broadcast 28 lbs. per acre or the equivalent in a band over the fruiting zone, just prior to pegging. Work into top few inches of soil.

Cutworms: Apply 14 lbs. per acre in a 12-inch band over the row when cutworms first appear. Up to three additional applications at three-week intervals may be necessary. Do not apply within 21 days of peanut harvest.

Lesser Cornstalk Borers: Apply 14-21 lbs. per acre in a band over the fruiting zone just prior to pegging. Cover the band with 1-2 inches of soil.

Note: Livestock (1) may be fed peanut hulls, (2) may be fed peanut forage 7 days following treatment and (3) may be fed peanut hay 21 days following treatment.

#### Sorghum

Cutworms: Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms; 3-6 inches to control subterranean cutworms.

Lesser Cornstalk Borers: Apply 7-14 lbs. per acre in a 10-inch band over the row at planting time or as crop emerges. Cover the band with 1-2 inches of soil.

Note: Do not apply directly to the seed furrow as reduction of sorghum seed germination may occur.

Soybeans

Cutworms: Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms; 3-6 inches to control subterranean cutworms.

Lesser Cornstalk Borers: Apply 7-14 lbs. per acre in a 6-inch band over the row just prior to planting or when soybeans are 1-2 inches high. Cover the band with 1-2 inches of soil.

Sugar Beets

Sugar Beet Root Maggots: Apply 7-14 lbs. per acre in a 5-7 inch band (based on row width of 22 in.) or 4.7-9.4 oz. per 1,000 linear feet of row in a 5-7 inch band either incorporated 2-3 inches at planting or applied above the seed after the seed is covered. Apply ahead of the press wheel. If a heavy maggot infestation is anticipated or a wet spring occurs, a second application may be made, early postemergence, when the adult maggots (flies) first start to appear. If a second application is necessary, apply 7-10 1/2 lbs. per acre in a 5-7 inch band (based on row width of 22 in.) or 4.7-7.1 oz. per 1,000 linear feet of row in a 5-7 inch band directly over the row.

Note: D.z.n diazinon 14G should not come in direct contact with the seed or injury will occur.

Wireworms: Broadcast 21-28 lbs. per acre just prior to planting. Work into soil 4-8 inches.

Sugarcane

Sugarcane Borers: Broadcast 10 1/2-17 1/2 lbs. per acre after joints have begun to form and when at least 5% of plants show borers feeding in or under the leaf sheath, but which have not bored into the stalks. Additional applications may be necessary to assure continuing control.

Note: Do not make more than four applications per growing season. Allow 28 days between last application and harvest. At that time bagasse and forage may be fed to livestock.

Wireworms: Apply 42 lbs. per acre in a 12-inch band over the open furrow, directly to seed pieces.

Tobacco

Cutworms: Broadcast 14-21 lbs. per acre before transplanting. Work into soil 2-4 inches.

Mole Crickets: Apply 7 lbs. per acre when insects are present. Make application to plant beds or fields 1-2 days prior to sowing of seed or transplanting and work into soil 1-2 inches.

Seed Corn Maggots: Broadcast 10 1/2 lbs. per acre 3-4 weeks before transplanting. Work into soil 2 inches.

Wireworms: Broadcast 14-21 lbs. per acre 3-4 weeks before transplanting. Work into soil 6-9 inches.

Forage Crops (Alfalfa, Clover, Cowpeas, and Lespedeza)

Cutworms: Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms, 3-6 inches to control subterranean cutworms.

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Vegetable Crop Insects

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Broccoli, Brussels Sprouts, Cabbage, and Cauliflower

Root Maggots: Broadcast 14-21 lbs. per acre before planting or transplanting. Work into soil 3-4 inches.

Onions

Onion Maggots: Apply 14-28 lbs. per acre as broadcast soil treatment just prior to planting. Thoroughly mix the chemical into the top 3-4 inches of soil by disking, harrowing, or other suitable means.

Radishes

Root Maggots: Apply 10 1/2-14 lbs. per acre (2 1/2-2 4/5 oz. per 1,000 linear feet of row) in the seed furrow at planting time.

Sweet Corn

See Corn under Field and Forage Insects.

Tomatoes

Vinegar Flies (Drosophila spp.): Broadcast 7 lbs. per acre when flies first appear. Repeat in 7-10 day intervals or as required.

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Other Vegetable Insects

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Cutworms (Surface and Subterranean)

Broccoli	Endive (escarole)	Pole Beans
Brussels Sprouts	Kale	Snap Beans
Cabbage	Lettuce	Spinach
Cantaloupes	Lima Beans	Summer Squash
Cauliflower	Muskmelons	Swiss Chard
Celery	Parsley	Tomatoes
Collards	Peas	Watermelons
Cucumbers	Peppers	Winter Squash

Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms, 3-6 inches to control subterranean cutworms!

Potatoes: Broadcast 14-28 lbs. per acre before planting. Work into soil 4-6 inches.

Garden Symphylans (Centipedes)

Cabbage	Pole Beans	Tomatoes
Carrots	Radishes	Turnips
Lettuce	Red Beets	
Peas	Snap Beans	

Broadcast 70 lbs. per acre just prior to planting. Work into soil 4-8 inches. This preplant treatment will also control other soil insects such as cutworms (surface and subterranean), mole crickets, root maggots, and wireworms.

Mole Crickets

Broccoli	Endive (escarole)	Radishes
Brussels Sprouts	Kale	Tomatoes
Cabbage	Lettuce	Turnips
Cauliflower	Mustard	
Collards	Peppers	

Apply 7 lbs. per acre when insects are present. Make application to plant beds or fields 1-2 days prior to sowing of seed or transplanting and work into soil 1-2 inches.

Lesser Cornstalk Borers

Beans (Lima, Pole, Snap): Apply 7-14 lbs. per acre in a 6-inch band centered over the row. Apply when plants are 1/2-1 inch tall.

Wireworms

Broccoli	Endive (escarole)	Pole Beans
Brussels Sprouts	Kale	Snap Beans
Cabbage	Lettuce	Spinach
Cantaloupes	Lima Beans	Summer Squash
Carrots	Muskmelons	Sweet Potatoes
Cauliflower	Onions	Swiss Chard
Celery	Parsley	Tomatoes
Collards	Peas	Watermelons
Cucumbers	Peppers	Winter Squash

Broadcast 21-28 lbs. per acre just prior to planting. Work into soil 4-8 inches.

Potatoes: Broadcast 21-42 lbs. per acre before planting. Work into soil 4-8 inches or apply 7-21 lbs. per acre at planting, placing D. z. n diazinon 14G in bands 3-6 inches deep along both sides of row.

Sweet Potatoes (Southeastern U.S.): Broadcast 21 lbs. per acre over the tops of vines when roots begin to enlarge.

Lawn Pest Control (excluding golf courses and sod farms)

Lawn Chinch Bugs: Apply 0.3-0.6 lb. (5-10 oz.) per 1,000 sq. ft. (1.5-3.0 lbs. per 5,000 sq. ft.) and brush lawn to work granules down to the soil surface. Repeat application in 7-10 days if necessary. For longer residual control and on dense growing lawns such as St. Augustine grass, use the higher rate.

Billbugs; White Grubs such as Japanese Beetle Larva, European Chafer, and Southern Chafer: Apply 0.6 lb. (10 oz.) per 1,000 sq. ft. of lawn. For grub control make application any time between late July and early October. For billbug control apply when activity is first observed or when chewed or brown grass is present, indicating damage from this insect.

Hyperodes Weevil (New York only): Apply 0.6 lb. (5 oz.) per 1,000 sq. ft. of grass. Treat problem areas in mid-April and again in mid-May.

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 label rates, since rates above those recommended significantly increase potential hazards to birds. Avoid overlapping of sprays. If waterfowl, i.e., ducks, geese can be expected to enter the treated area after treatment (except spot treatments), water lawn with at least 0.25 inch water immediately after application, however stop watering before puddling occurs.

Golf Course and Sod Farm Pest Control

Lawn Chinch Bugs: Apply 0.3-0.6 lb. (5-10 oz.) per 1,000 sq. ft. (1.5-3.0 lbs. per 5,000 sq. ft.) and brush lawn to work granules down to the soil surface. Repeat application in 7-10 days if necessary. For longer residual control and on dense growing lawns such as St. Augustine grass, use the higher rate.

Billbugs; White Grubs such as Japanese Beetle Larva, European Chafer, and Southern Chafer: Apply 0.6 lb. (10 oz.) per 1,000 sq. ft. of lawn. For grub control make application any time between late July and early October. For billbug control apply when activity is first observed or when chewed or brown grass is present, indicating damage from this insect.

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Storage and Disposal

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Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry, well-ventilated area away from foodstuffs.

**Pesticide:** Pesticide or equipment rinsate that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

**Container:** Completely empty bag by shaking and tapping side and bottom to loosen clinging particles into application equipment. Then dispose of empty bag in a sanitary landfill or incinerate, or burn if allowed by state and local authorities. Stay out of smoke during burning. Do not reuse container.

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Caution

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Keep out of reach of children.

Harmful if swallowed. Avoid contamination of food and feed. Do not store near food or feed products. Avoid inhalation of dust. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. May be absorbed through skin.

Fish and Wildlife Caution:

This product is toxic to birds, fish and wildlife including waterfowl. Birds and waterfowl feeding on treated areas may be killed.

Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates, as rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. Where irrigation (watering) is recommended, apply a minimum of 0.25 inch of water immediately after application. Stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries (except for effluence from treated watercress beds). Do not apply to water that will be used for recreational purposes and human livestock consumption. 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. This product must not be used in areas where impact on threatened endangered species is likely. Contact your State Fish and Game Agency for information pertaining to areas having threatened endangered species.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

Apply this product only as specified on this label.

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Agricultural Division  
 CIBA-GEIGY Corporation  
 Greensboro, North Carolina 27419

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