

SEP 10 1986

Ms. Carolyn Brinkley  
CIBA-GEIGY Corporation  
Agricultural Division  
P.O. Box 18300  
Greensboro, NC 27419

Dear Ms. Brinkley:

Subject: Amendments - Specify use site  
at lower application rate  
D-z-n Diazinon 50%  
EPA Registration No. 100-460  
D-z-n Diazinon AG500  
EPA Registration No. 100-461  
D-z-n Diazinon 14G  
EPA Registration No. 100-459  
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 USL 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. LaKocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division

Booklet for 4, 5, & 50 Lbs.

D·z·n® diazinon 50W

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

Insecticide

SEP 10 1986

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
100-460

For control of certain insects on  
fruits, nuts, vegetables, field crops,  
and ornamentals. For specific pests,  
refer to use directions.

Active Ingredient:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-	
methyl-4-pyrimidinyl) phosphorothioate .....	50%
<u>Inert Ingredients:</u>	<u>50%</u>
<u>Total:</u>	<u>100%</u>

D·z·n diazinon 50W is a wettable powder

KEEP OUT OF REACH OF CHILDREN.

WARNING

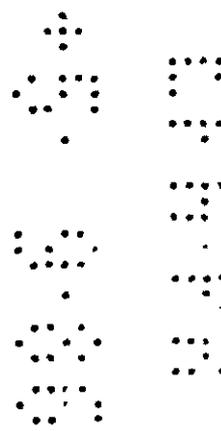
See additional precautionary statements  
at end of booklet.

AVISO

Precaución Al Usuario: Si usted  
no lee inglés, no use este  
producto hasta que la etiqueta haya  
sido explicado ampliamente.

EPA Reg. No. 100-460

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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General Information

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D·z·n diazinon 50W should be mixed with sufficient water to assure thorough coverage unless otherwise noted in the Directions for Use. Best control is obtained when application is made at first sign of insects. Applications should be repeated as necessary to maintain control.

Since D·z·n diazinon 50W is a wettable powder formulation, constant agitation is necessary during application.

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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.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons except those knowingly involved in the application. The area being treated must be vacated by unprotected persons.

FAILURE TO FOLLOW ALL PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

Reentry Statement

Do not enter treated areas without protective clothing as described in the USDA/EPA Guide for commercial applicators until sprays have dried.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. (See Note below.)

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 inform workers of areas or fields that may not be entered without specific protective clothing until sprays have dried, and appropriate actions to take in case of accidental exposure, as described under Precautionary Statements on 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: WARNING. Area treated with D·z·n diazinon 50W on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure, flush eyes or skin with plenty of water. Call physician if irritation persists. Remove and wash contaminated clothing before reuse.

Note: The California Department of Agriculture has set a 5-day reentry for diazinon on citrus, grapes, peaches, and nectarines. Five days should elapse between the time of application and the time a worker may enter the field to engage in any activity requiring substantial contact with treated foliage. When a mixture of two or more organic phosphate pesticides are applied in combination, the interval should be prolonged by adding to the largest applicable interval an additional 50% of that interval.

#### Fruit and Nut Insects

D·z·n diazinon 50W may be applied using ground or aerial application equipment. For dilute ground sprays, mix specified rate of D·z·n diazinon 50W and apply at 300 to 600 gals. of water per acre. For concentrate ground sprays, use equivalent rates\* of D·z·n diazinon 50W in minimums of 20-50 gals. of water per acre. For aerial applications, use equivalent ground rates\* of D·z·n diazinon 50W in minimums of 2-5 gals. of water per acre. Observe stated time intervals between last application and harvest.

\*NOTE: The rate of D·z·n diazinon 50W for concentrate ground and aerial sprays is based upon a dilute ground spray with conventional ground equipment applied at 300 to 600 gals. of water per acre. If directions call for 1 lb. of product per 100 gals. of water, this amounts to 3 to 6 lbs. of D·z·n diazinon 50W per acre when applied at dilute ground spray volumes.

### Almonds

Mites, Twig borers: Apply 1-1 1/2 lbs. D·z·n diazinon 50W per 100 gals. of water as infestations develop.

Scales (including San Jose, parlatoria, black, brown, apricot): Mite eggs (including European red mite, brown mite): Twig borers: Aphid eggs (including apple, black cherry, mealy plum): Mealybugs: Apply as a dormant spray 1-1 1/2 lbs. D·z·n diazinon 50W plus 2-3 gals. dormant oil or 1-1 1/2 gals. superior type oil per 100 gals. of water.

Almond hulls may be fed to livestock.

### Apples

Leafhoppers: Apply 1 lb. per 100 gals. of water in 3-5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop.

Scales (including San Jose, parlatoria, black, brown, apricot): Mite eggs (including European red mite, brown mite): Twig borers: Aphid eggs (including apple, black cherry, mealy plum): Mealy bugs: Apply as a dormant or delayed-dormant spray 1 lb. of D·z·n diazinon 50W plus 2 gals. dormant oil or 1-1 1/2 gals. superior type oil per 100 gals. of water.

Eyespotted bud moth, Fruittree leafroller, Mealybug: Mix 1 lb. per 100 gals. of water. Make 3-8 cover spray applications, beginning in the pink stage.

Do not apply within 14 days of harvest.

### Apples and Pears

Codling moth, Rosy apple aphid, Green apple aphid, Woolly apple aphid, Mites: Mix 1 lb. D·z·n diazinon 50W per 100 gals. of water. Make 3-8 cover spray applications, beginning with the first cover. Applications should be timed according to insect infestations.

Apple maggot: Mix 1 lb. of D·z·n diazinon 50W per 100 gals. of water. Make at least 3 cover spray applications when flies are active and laying eggs.

San Jose scale crawlers, Forbes scale crawlers: Mix 1 lb. per 100 gals. of water. Apply early in the season when crawlers first appear. If infestation warrants, make a second application 7-10 days later.

Note: Mites will be suppressed if D'z'n diazinon 50W is used in the regular cover spray program. Slight russeting may occur on some varieties of apples, such as Golden Delicious.

Do not apply to apples or pears within 14 days of harvest.

### Apricots

Scales (including San Jose, parlatoria, black, brown, apricot, walnut); Mite eggs (including European red mite, brown mite); Twig borers; Aphid eggs (including apple, black cherry, mealy plum); Mealybugs: Apply as a dormant spray 1 lb. of D'z'n diazinon 50W plus 2 gals. of dormant oil or 1-1 1/2 gals. superior type oil per 100 gals. of water.

Aphids, Brown mite (Clover mite), Twospotted spider mite, Olive scale crawlers, San Jose scale crawlers: Mix 1 lb. per 100 gals. of water. Apply when aphids, mites, and scale crawlers first appear.

Olive scale crawlers: Mix 1/2 lb. of D'z'n diazinon 50W plus 1 1/2 gals. of light medium horticultural oil per 100 gals. of water. Apply when scale crawlers are present.

Apricot mealybug: Mix 1 lb. per 100 gals. of water. Apply as a cover spray from petal fall to June.

Do not apply within 10 days of harvest.

### Blueberries

Cranberry fruitworm, Cherry fruitworm, Blueberry maggot, Aphids, Thrips, Twospotted mite: Mix 1 lb. per 100 gals. of water. Apply up to 200 gals. of spray per acre, or apply 2 lbs. per acre in sufficient water for thorough coverage. Do not apply within 7 days of harvest.

### Caneberries (Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries)

Leafhoppers, Thrips, Aphids, Twospotted mite, Raspberry sawfly: Mix 1 lb. per 100 gals. of water and apply up to 200 gals. of spray per acre, or apply 2 lbs. per acre in sufficient water for thorough coverage.

Raspberry fruitworm: Apply at the above rates when blossom buds separate and repeat application immediately before blossoms open.

Dryberry mite: Mix 2 lbs. per 100 gals. of water. Apply as a dormant spray in early spring, when canes are still on the ground and buds are closed. Make a second application when the buds are well developed, but still closed.

Raspberry crown borer (Raspberry root borer): Mix 4 lbs. per 100-200 gals. of water and apply as a drench to the crown area and to the lower canes. Apply either in the spring before berries begin to form, or in the fall after harvest.

Do not apply within 7 days of harvest.

### Cherries

Scales (including San Jose, parlatoria, black, brown, apricot); Mite eggs (including European red mite, brown mite); Twig borers; Aphid eggs (including apple, black cherry, mealy plum); Mealybugs: Apply as a dormant spray 1 1/4 lbs. D'z'n diazinon 50W plus 3 gals. dormant oil or 1-1 1/2 superior type oil per 100 gals. of water.

Eyespotted bud moth, Fruittree leafroller: Mix 1 lb. per 100 gals. of water. Apply in cover sprays as necessary, beginning with petal fall.

Leafhoppers: Apply 1 lb. per 100 gals. of water in 3-5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop.

Cherry fruit fly: Mix 1/2-1 lb. per 100 gals. of water. Make 3 or 4 applications, beginning when adult flies begin to emerge and repeating at 10-day intervals.

Black cherry aphid: Mix 1 lb. per 100 gals. of water. Apply as a cover spray when aphids appear and repeat after 10 days.

San Jose scale crawler: Mix 1 lb. per 100 gals. of water. Apply during the pre-pink stage or when crawlers first appear.

Cherry rust mite: Mix 1/2-1 lb. per 100 gals. of water. Apply as a supplemental spray after harvest.

Do not apply within 10 days of harvest.

Cranberries

Blackheaded fireworm, Rhopobota naevana: Apply 4 lbs. in 400 gals. of water per acre.

Cranberry fruitworm: Apply 6 lbs. in 400 gals. of water per acre.

Do not apply within 7 days of harvest.

Figs

Vinegar fly (Drosophila spp.), Dried fruit beetle: Apply 1 lb. per 100 gals. of water. Do not apply within 5 days of harvest.

Filberts

Filbert leafroller, Aphids: Apply 2-4 lbs. in 250-400 gals. of water per acre, as a thorough cover spray.

Citrus Fruits (Grapefruit, Lemons, Limes, Oranges, Tangelos, Tangerines, Citrus Citron, Kumquats, and hybrids of these)

Citrus aphid, Cottoncushion scale crawlers, and Soft scale crawlers: Apply 1/2-1 lb. per 100 gals. of water (maximum 1,000 gals. per acre) as a thorough cover spray when aphids and crawler stages of scale insects first appear.

Fruittree leafroller: Mix 1/2-1 lb. per 100 gals. of spray (maximum 1,000 gals. per acre) when an average of 50 percent of eggs in egg masses have hatched in the spring.

Citrus thrip: Apply 1 lb. in 100 gals. of water (maximum 1,000 gals. per acre) when thrips first appear.

Citrus snow scale: Apply 1-2 lbs. per 100 gals. of water (maximum 1,000 gals. per acre) as a postbloom spray and again as a summer spray. For heavy snow scale infestations, use the higher dosage rate. Thorough coverage of tree trunk, limbs, and twigs is essential.

Do not apply during bloom. Do not apply to citrus within 21 days of harvest.

### Grapes

Pacific spider mite, Leafhoppers, ~~Grape-berry moth, Grape leaf-~~ folder: Mix 1 lb. per 100 gals. of water and apply as a thorough cover spray, or apply 2 lbs. per acre in sufficient water for thorough coverage. Do not apply within 18 days of harvest.

Drosophila spp.: Mix 6 oz. per 100 gals. of water and apply as a thorough cover spray, or apply a maximum of 18 oz. per acre in sufficient water for thorough coverage when insects first appear. Make additional applications at weekly intervals as necessary. Do not apply within 7 days of harvest. If a spreader-sticker is used, do not apply within 18 days of harvest.

### Olives

Olive scale: Mix 3/4-1 lb. of D'z'n diazinon 50W plus 1 1/2 gals. of light medium summer horticultural oil per 100 gals. of water. Apply as a cover spray in June or July.

Do not apply during bloom to avoid injury to pollinating insects or within 75 days of harvest.

### Peaches and Nectarines

Scales (including San Jose, parlatoria, black, brown, apricot); Mite eggs (including European red mite, brown mite); Twig borers; Aphid eggs (including apple, black cherry, mealy plum); Mealybugs: Apply as a dormant spray 1 lb. D'z'n diazinon 50W plus 2-3 gals. dormant oil or 1-1 1/2 superior type oil per 100 gals. of water.

Peach twig borer, Parlatoria scale: Mix 1 lb. D'z'n diazinon 50W plus 1 gal. of light medium summer horticultural oil per 100 gals. of water. Apply at petal fall.

Aphids, Brown mite (Clover mite), Twospotted spider mite, Olive scale crawlers, San Jose scale crawlers: Mix 1 lb. per 100 gals. of water. Apply when aphids, mites, and scale crawlers first appear.

Olive scale crawlers: Mix 1/2 lb. of D'z'n diazinon 50W plus 1 1/2 gals. light medium horticultural oil per 100 gals. of water. Apply when scale crawlers are present.

Oriental fruit moth: Mix 1 lb. per 100 gals. of water and apply at 100% petal fall. Make 2 additional applications at 10-15 day intervals. Time the last application to peak adult Oriental fruit moth flight, if possible.

Peach twig borer: Mix 1 lb. per 100 gals. of water and apply to peaches in May and June.

Leafhoppers (Peaches only): Apply 1 lb. per 100 gals. of water in 3-5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop.

White peach scale (Peaches only): As a postharvest spray apply 1 1/2-2 lbs. per 100 gals. of water timed to coincide with peak crawler and immature scale activity. Under conditions of heavy infestations, 2 applications may be necessary.

Do not apply to peaches within 20 days, or to nectarines within 10 days, of harvest.

#### Pears

Scales (including San Jose, parlatoria, black, brown, apricot): Mite eggs (including European red mite, brown mite, pearleaf blister mite): Twig borers: Aphid eggs (including apple, black cherry, mealy plum): Mealybugs: Apply as a dormant spray 1 lb. of D·z·n diazinon 50W plus 2 gals. dormant oil or 1-1 1/2 gals. superior type oil per 100 gals. of water.

Pear psylla: Mix 1/2-1 lb. per 100 gals. of water. Apply as a cover spray at pre-pink stage. Make 1-2 additional applications during the first and second cover sprays if necessary.

Tentiform leafminer, Mealybug: Mix 1 lb. per 100 gals. of water. Apply in 3 cover sprays, beginning in April.

Refer also to the Apples section.

Do not apply within 14 days of harvest.

#### Pecans

Aphids, Mites, Pecan nut casebearer, Walnut caterpillar: Apply 2-6 lbs. per acre as a foliage spray. Do not apply after husks crack.

### Pineapple

Pineapple scale: Apply 10 lbs. D·z·n diazinon 50W plus 2 gals. of light or medium horticultural oil in 500 gals. of water per acre to the vegetative slips on the plant following harvest of the pineapple.

Pineapple mealybug: Apply 4 lbs. per acre. May be applied on day of harvest.

Pineapple forage and refuse may be fed to livestock 7 days following last application.

### Plums and Prunes

Scales (including San Jose, parlatoria, black, brown, apricot): Mite eggs (including European red mite, brown mite, eriophyid mite): Twig borers: Aphid eggs (including apple, black cherry, mealy plum): Mealybugs: Apply as a dormant spray 1 lb. of D·z·n diazinon 50W plus 2-3 gals. dormant oil or 1-1 1/2 gal. superior type oil per 100 gals. of water. For late April or May applications, mix 1 lb. of D·z·n diazinon 50W plus 1 gal. of light medium summer horticultural oil per 100 gals. of water. Brown mite (Clover mite), European red mite: Apply 1 lb. in 100 gals. of water.

Leafcurl plum aphid, Mealy plum aphid, Thistle aphid: Apply 1/2-1 lb. per 100 gals. of water.

Do not apply within 10 days of harvest.

### Strawberries

Aphids, Twospotted spider mite: Apply 1 lb. in 100 gals. of water per acre.

Cyclamen mite: Apply 2 lbs. in 100 gals. of water per acre, directing spray to plant crowns. Plants should be sufficiently agitated to assure thorough coverage of the foliage. Make additional applications, if necessary, after harvest.

Mole cricket: Broadcast 2 lbs. per acre when insects are present. Apply 1-2 days before transplanting and mix into the top 1-2 inches of soil immediately.

Strawberry leafroller: Mix 3/4-1 lb. per 100 gals. of water. Apply 200 gals. spray per acre when blossoms show color.

Do not apply within 5 days of harvest.

Walnuts

Aphids, Mites: Apply 2 lbs. per acre as a foliage spray.

Codling moth, Scale crawlers, Walnut caterpillar: Apply 6 lbs. per acre.

~~Do not apply after the husks open.~~

Vegetable Foliar Insects

Diazinon 50W should always be applied as a spray in sufficient water to assure thorough coverage of the foliage.

Beans (Pole Beans, Snap Beans, Lima Beans)

Black bean aphid, Mexican bean beetle, Leafminers: Apply 1-1 1/2 lbs. per acre.

Cucumber beetle: Apply 1/2-3/4 lb. in 100 gals. of water per acre.

Do not apply within 7 days of bean harvest. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

Lima Beans

Dipterous leafminer, Leafhoppers, Mites: Apply 1 lb. per acre. Do not apply within 7 days of bean harvest. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

Broccoli, Cabbage, Cauliflower

Aphids, Diamondback moth, Imported cabbageworm, Dipterous leafminer: Apply 1/2-1 lb. per acre. Applications at 7-10 day intervals will usually be required. Do not apply to broccoli or cauliflower within 5 days, or to cabbage within 7 days of harvest.

Brussels Sprouts

Aphids, Diamondback moth, Imported cabbageworm: Apply 1 lb. per acre. Applications at 7-10 day intervals will usually be required. Do not apply to brussels sprouts within 7 days of harvest.

Carrots

Aphids: Apply 1 lb. per acre. Do not apply within 10 days of harvest.

Celery

Aphids, Flea beetles: Apply 1 lb. in 100 gals. of water per acre.

Dipterous leafminer: Apply 1/2-1 lb. per acre in sufficient water to achieve thorough coverage when infestations first appear. Repeat as necessary.

Do not apply within 10 days of harvest. Plants should be market trimmed (tops removed) before being shipped or used. Tops should not be used for feed or food.

Collards, Kale, Swiss Chard, Turnip Tops

Aphids, Imported cabbageworm, Diamondback moth, Harlequin cabbage bug, Corn earworm: Apply 1/2-1 lb. per acre. Do not apply to collards, kale, or turnip tops within 10 days, or to Swiss chard within 12 days, of harvest.

Cucumbers

Aphids, Serpentine leafminer, Thrips: Apply 1 lb. per acre. Do not apply within 7 days of harvest.

Lettuce and Endive

Aphids, Dipterous leafminer: Apply 1/2-1 lb. per acre. Do not apply within 10 days of harvest.

Melons and Squash (Cantaloupes, Casabas, Crenshaws, Honeydew Melons, Muskmelons, Persian Melons, and hybrids of these; Watermelons and their hybrids; Summer and Winter Squash)

Aphids, Leafhoppers, Mites: Apply 1-1 1/2 lbs. per acre.

Serpentine leafminer, Thrips: Apply 1/2-1 lb. per acre.

Do not apply to melons or winter squash within 3 days, or to summer squash within 7 days, of harvest.

Mushroom Houses

Mushroom flies (Phorids and Sciarids): Mix 4-8 lbs. in 50 gals. of water (0.5% to 1.0% actual diazinon) and spray on outside and inside walls and ventilators of mushroom houses, after compost in beds has been pasteurized by heating. Do not spray compost in beds or after spawning.

To treat wooden sides of beds, posts, doors, and door frames after pasteurizing, mix 1/2 lb. in 6 gals. of water and apply with a brush.

Do not treat compost.

Onions

Onion thrips: Apply 1 lb. per acre. Do not apply within 10 days of harvest.

Peas

Aphids, Leafminers: Apply 3/4-1 lb. per acre. Peas may be picked immediately. Pea vines and pea vine hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

Peppers

Aphids, Serpentine leafminer: Apply 1/2 lb. per acre. Do not apply within 5 days of harvest.

Potatoes

Aphids, Flea beetles, Colorado potato beetle, Dipterous leafminer: Apply 1/2-3/4 lb. per acre.

Banded cucumber beetle, Leafhoppers, Southern armyworm: Apply 3/4-1 lb. per acre.

Do not apply within 35 days of harvest.

Radishes, Parsnips, Turnips

Aphids, Flea beetles, Dipterous leafminer: Apply 1/2-1 lb. per acre. Do not apply within 10 days of harvest.

Spinach and Beets

Aphids, Dipterous leafminer: Apply 1/2-1 lb. per acre. Do not apply to spinach within 10 days, or to beets within 14 days of harvest.

Squash (Summer and Winter)

See Melons and Squash above.

Sweet Corn

Corn earworm: Apply 2-2 1/2 lbs. per acre when silks first appear. Two or three repeat applications at 2-3 day intervals will usually be necessary. Corn may be picked immediately following last application. Corn forage may be fed to dairy and beef cattle and sheep.

Refer also to Corn under Field and Forage Insects.

Tomatoes

Aphids, Dipterous leafminer: Apply 1/2 lb. per acre. To control leafminers weekly applications are usually required.

Banded cucumber beetle, Fall armyworm, Southern armyworm: Apply 3/4-1 lb. per acre.

Vinegar fly (Drosophila spp.): Apply 1/2-1 1/2 lbs. per acre. Weekly applications are usually required.

Do not apply within 1 day of harvest.

Watercress (Hawaii Only)

Cyclamen mite: Apply 1 lb. in 100 gals. of water per acre. Direct spray to crowns and growing tips of plants. If infestation is heavy, make a second application no later than 10 days after the first application. Repeat applications as necessary. Do not apply within 5 days of harvest.

Vegetable Soil Insects

Diazinon 50W should always be applied as a spray in sufficient water to assure thorough coverage of the soil.

Carrot rust fly

Carrots: Apply 4 lbs. per acre as a drench to the seed furrow at planting time.

Cutworms (Surface and Subterranean)

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

Broadcast 4-8 lbs. per acre just prior to planting. Work into the soil immediately, 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Garden symphylans (Centipedes)

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

Broadcast 20 lbs. per acre just prior to planting. Work into soil 4-8 inches immediately. This preplant treatment will also control other soil insects: cutworms (surface and subterranean), mole crickets, root maggots, and wireworms.

Mole crickets

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

Broadcast 2 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 immediately.

Onion maggots

Onions: Furrow Application: Apply 2 lbs. per acre in sufficient water to drench the seed furrow at planting time.

Broadcast Application: Broadcast 4-8 lbs. per acre just prior to planting. Work into soil 3-4 inches immediately.

Root maggots

Broccoli, Brussels sprouts, Cabbage, and Cauliflower:

(1) Broadcast Application: Broadcast 4-6 lbs. per acre and immediately work into the soil 3-4 inches before seeding, either in the seedbed or in the field or before transplanting.

(2) Transplant Water (Drench) Application: Mix 1/4-1/2 lb. in 50 gals. of transplant water, when 200-300 gals. of water are used per acre. May be applied at the rate of 1/2-1 cupful per plant, either by hand or by tractor-mounted sprayer equipped with drop nozzles to direct spray to the base of the plant. Transplant water treatments may result in stand reduction due to plant stress at time of transplanting.

Radishes: Mix 2 lbs. in 50 gals. of water. Apply 80-100 gals. per acre (1-1 1/3 gals. per 1,000 linear feet of row) in the seed furrow at planting time.

Wireworms

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

Broadcast 6-8 lbs. per acre prior to planting, and work into soil 4-8 inches immediately.

Potatoes: Broadcast 6-12 lbs. per acre prior to planting. Immediately disk or harrow into soil 4-8 inches.

Southern potato wireworm

Potatoes (Southeastern U.S.): For potatoes on mineral soils, broadcast 4-8 lbs. per acre prior to planting, and immediately work into soil 3-6 inches depending on location of wireworms.

Field and Forage Insects

D'z'n diazinon 50W should always be applied as a spray in sufficient water to assure thorough coverage of the foliage or soil, depending on the type of application.

Alfalfa, Clover and Trefoil

Spotted alfalfa aphid, Yellow clover aphid, Pea aphid, Leafhoppers, Plant bug nymphs, Mites: Apply 3/4-1 lb. per acre.

Grasshoppers: Apply 1 lb. per acre.

Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre just prior to planting. Work into the soil immediately, 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Dairy and beef cattle and sheep (1) may be grazed immediately following application, (2) may be fed green alfalfa ~~or~~ clover immediately following cutting, and (3) may be fed hay provided alfalfa or clover is not cut for hay for 7 days following treatment.

Alfalfa weevil larvae: For control in the spring, apply 2-3 lbs. per acre when feeding damage to growing tips becomes evident. Repeat application, if necessary. If damage is already extensive, cut the hay and make application to the stubble. Do not graze dairy and beef animals or sheep for 2 days. Do not cut for hay for 10 days following treatment.

Do not spray livestock directly except as indicated below under Livestock Insects, with either air or ground equipment.

Do not treat during bloom to avoid injury to pollinating insects.

### Corn

Corn rootworm larvae - (Postemergence Basal Treatment)

Apply 1 1/4-2 1/2 oz. per 1,000 linear feet of corn row in sufficient water to wet base of corn plant and a narrow band of soil next to the plant. Refer to row spacing chart for amounts recommended per acre. Cover treated band with 2-3 inches of soil using a disk hiller or cultivator immediately after spraying. Application should be made at the first sign of corn rootworm larvae. Application should not be made later than June 24 in the Middle Corn Belt or July in the Northern Corn Belt.

SUGGESTED RATES ACCORDING TO ROW SPACING  
FOR CORN ROOTWORM LARVAE CONTROL

<u>Spacing</u>	<u>Linear Feet of Corn Row/Acre</u>	<u>Amount of D'z'n diazinon 50W Per Acre Postemergence Basal Treatment</u>
48"	10,890	14-28 oz.
42"	12,455	15 1/2-31 oz.
40"	13,068	16-32 oz. (1-2 lbs.)
38"	13,939	17 1/2-35 oz.
36"	14,250	18-36 oz.
30"	17,424	22-44 oz. (1 1/2-2 3/4 lbs.)
24"	21,780	27 1/2-55 oz.
20"	26,136	32-64 oz. (2-4 lbs.)
15"	34,848	44-88 oz.

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

Seedcorn maggot: Broadcast 4-8 lbs. per acre just prior to planting. Work into 2 inches of soil immediately.

Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre. For surface cutworms apply just prior to planting or when larvae first appear and work into 1-2 inches of soil immediately. Do not apply later than layby. For subterranean cutworms, apply just prior to planting and work into 3-6 inches of soil immediately.

Wireworms: Apply 6-8 lbs. per acre prior to planting and work into 4-8 inches of soil immediately.

Corn leaf aphid: Apply 1-2 lbs. per acre in sufficient water to provide complete coverage of the upper portions of plants. Repeat application as necessary.

Grasshoppers: Apply 1 lb. per acre.

Sap beetle: Apply 2-2 1/2 lbs. per acre. Add 1-2 gals. of soluble mineral oil per acre to the spray mixture. Consult local agricultural authorities for proper timing of sprays.

Corn may be picked immediately following last application. Corn forage may be fed to dairy and beef cattle, and sheep.

#### Cotton

Spider mites, Aphids, Leafhoppers, Lygus bug, Cotton leafworm, Cotton leafperforator: Apply 1-2 lbs. in 5-25 gals. of water per acre. Repeat as infestation warrants.

Do not apply within 14 days of harvest. Do not graze treated cotton plants, or feed gin wastes to livestock.

#### Cowpeas

Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre, just prior to planting. Work into 2-3 inches of soil for surface cutworms, 3-6 inches for subterranean cutworms.

#### Hops

Aphids, Mites: Apply 2 lbs. per acre. Do not apply within 14 days of harvest.

### Lespedeza

Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre just prior to planting. Work into 2-3 inches of soil immediately for surface cutworms, 3-6 inches for subterranean cutworms.

### Peanuts

Cutworms: Apply 4 lbs. per acre in a 12-inch band over the row. Use sufficient water to achieve thorough coverage. Begin application when small larvae appear. Two or three additional applications at 3-week intervals may be necessary. Do not apply within 21 days of peanut harvest.

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

Sorghum midge: Apply 1/2-1 lb. per acre when 90% of the heads have emerged from the boot. Repeat application within 4 days.

Crop may be fed to livestock immediately following treatment. Do not apply within 7 days of harvesting for grain.

Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre just prior to planting. Work into 2-3 inches of soil immediately for surface cutworms, 3-6 inches for subterranean cutworms.

### Soybeans

Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre just prior to planting. Work into 2-3 inches of soil immediately for surface cutworms, 3-6 inches for subterranean cutworms.

### Sugar Beets

Beet leafhopper, Dipterous leafminer, Aphids: Apply 3/4-1 lb. per acre.

Grasshoppers: Apply 1 lb. per acre.

Wireworms: Broadcast 6-8 lbs. per acre just prior to planting, and work into 4-8 inches of soil immediately. Tops may be fed to beef and dairy animals.

Sugarcane

Aphids: Apply 1/2-1 lb. per acre.

Note: Allow 1 day between last application and harvest.  
Bagasse and forage may be fed to livestock.

Wireworms: Apply 8 lbs. per acre on a 12-inch band centered over the furrow in sufficient water to obtain thorough coverage. Make application directly to seed pieces in open furrow at covering time.

Tobacco

Aphids, Flea beetles: Apply 1/2-3/4 lb. per acre. Do not apply within 3 days of harvest.

Cutworms: Broadcast 4-6 lbs. per acre before transplanting and work into 2-4 inches of soil immediately.

Green June beetle larvae: Mix 1/4 lb. in 50 gals. of water and apply as a drench (100 gals. per 100 sq. yds.) to uprooted areas of plant beds with sprinkling can.

Mole cricket: Broadcast 2 lbs. per acre, when insects are present. Make application to beds or fields 1-2 days prior to sowing of seed or transplanting, and work into 1-2 inches of soil immediately.

Seedcorn maggot: Broadcast Application: Broadcast 3 lbs. per acre, 3-4 weeks before transplanting. Work into 2 inches of soil immediately.

Transplant Water Application: Mix 1 1/2-3 oz. in 50 gals. of transplant water.

Wireworms: Broadcast Application: Broadcast 4-6 lbs. per acre, 3-4 weeks before transplanting. Work into 6-9 inches of soil immediately.

Transplant Water Application: Mix 1 1/2-3 oz. in 50 gals. of transplant water.

Range, Pasture, and Grassland Insects

Bermudagrass

Thrips, Whiteflies, Grasshoppers: Apply 1 lb. per acre.

- - Rangeland, Pasture, Grass Forage, Ditch Banks, Roadsides, Waste-  
land, Noncrop Areas, Barrier Strips

Grasshoppers: Apply 3/4-1 lb. per acre in sufficient water or oil to obtain thorough coverage when insects first appear, preferably in the nymphal stage.

Dairy and beef cattle, and sheep (1) may be grazed immediately following application, (2) may be fed green forage immediately following cutting, and (3) may be fed hay, provided grass is not cut for hay for 21 days if the spray is a water solution, or for 30 days if the spray is an oil solution. Do not spray livestock directly with either air or ground equipment except as indicated under Livestock Insects. Do not repeat application for 30 days.

Livestock Insects

Sheep "Ticks" (Keds), Lice

High gallonage, high pressure spray: Mix 1/2 lb. in 100 gals. of water, and apply at the rate of 1 gal. per animal.

Low gallonage, low pressure spray: Mix 1 lb. in 100 gals. of water. Apply at the rate of 1 qt. per animal.

Sprinkler Can: Mix 1 oz. in 6 gals. of water. Crowd sheep into a small pen and sprinkle 1 qt. of this mixture over the head, neck, top, and side of each sheep. Stir or agitate mixture frequently.

Note: Do not slaughter sheep within 14 days after treatment. Repeat applications as necessary.

Ornamental Insects

To control certain insects on ornamentals, such as Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas fir, Elm, Gladioli, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, and Willow, apply the recommended rates indicated below.

Insects	Amount D'z'n diazinon 50W to Use	
	per 3 gals. water	per 100 gals. water
Aphids, Bagworms, Carnation bud mites, Carnation shoot mites, Clover mites, Cyclamen mites, Dipterous leafminers, European pine shoot moths, European red mites, Flea beetles, Holly bud moths, Leafhoppers, Obscure root weevils, Omnivorous leaf tiers, Privet mites, Scale crawlers (Cottony cushion, Lecanium, Pine needle, San Jose, Soft scale), Thrips, Twospotted mites, Webworms, Whiteflies	1/2 oz.	1 lb.
Apple-and-thorn skeletonizers, Cotoneaster webworms, Fall webworms, Hemlock chermes, Oak loopers, Obliquebanded leafrollers, Pear slugs, Tent caterpillars	1 1/2 oz.	3 lbs.

Do not use on Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gardenia, since injury to the plants may occur.

Mimosa webworms: Mix 1/2 oz. in 3 gals. of water (or 1 lb. in 100 gals. of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

Lawn Pest Control (Excluding Sod Farms and Golf Courses)

To control pests listed below, apply recommended rates. For pests, such as Ants, Brown dog ticks, Clover mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs, and Springtails (Collembola), which are commonly found near the house and may enter the house, spray a 5 ft. band of soil around the house as well as the house foundation wall to a height of 2-3 ft. Repeat application if necessary.

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 sprays. If waterfowl, i.e., ducks, geese can be expected to enter treated area after treatment (except spot treatments), water lawn with at least 0.25 inch water immediately after application, however, stop irrigation before puddling occurs.

*residual*

Pests	Rate/1,000 sq. ft.		Remarks
	D·z·n diazinon 50W	Water	
Lawn chinch bugs	2-3 oz.	3 gals.	Use higher rate for longer residual control and in turf-grass of dense growth, such as St. Augustine.
Ants, Armyworms, Clover mites, Springtails (Collembola), Crickets, Cutworms, Digger wasps, Earwigs, Frit flies, Lawn billbugs, Sod webworms (Lawn moths), Sowbugs	3 oz.	3 gals.	Spot spray ant hills and wasp ground nest openings.  For frit flies, mow grass and water well before treatment, but delay application until grass is dry.

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Brown dog ticks, Bermudagrass mites, Chiggers, Fleas, Leafhoppers	1 1/4 oz.	3 gals.	Do not apply to animals.  For brown dog ticks, spray grass and under shrubby.
Millipedes	3 oz.	3 gals.	
Rhodesgrass scales	3 oz.	3 gals.	Apply when crawlers first emerge.

*Residual* Boxelder bugs: Spray bugs outside the home with 1 1/2-2 1/2 oz. in 1 gal. of water. At the same time, spray thoroughly around foundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

Golf Course and Sod Farm Pest Control

To control pests listed below, apply recommended rates. Do not apply more than 4 lbs. ai/A (3 oz. per 1,000 sq. ft.) in any one application.

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 sprays. Follow all applications except spot treatments immediately with a minimum of 0.25 inch of irrigation, however, stop irrigation before puddling occurs.

Pests	Rate/1,000 sq. ft.		Remarks
	D·z·n diazinon 50W	Water	
Lawn chinch bugs	2-3 oz.	3 gals.	Use higher rate for longer residual control and in turf- grass of dense growth, such as St. Augustine.

Ants, Armyworms, Clover mites, Springtails (Collembola), Crickets, Cutworms, Digger wasps, Earwigs, Frit flies, Lawn billbugs, Sod webworms (Lawn moths), Sowbugs	3 oz.	3 gals.	Spot spray ant hills and wasp ground nest openings.  For frit flies, mow grass and water well before treatment, but delay application until grass is dry.
Brown dog ticks, Bermudagrass mites, Chiggers, Fleas, Leafhoppers	1 1/4 oz.	3 gals.	Do not apply to animals.  For brown dog ticks, spray grass and under shrubbery.
Millipedes	3 oz.	3 gals.	
Rhodesgrass scales	3 oz.	3 gals.	Apply when crawlers first emerge.

*Residual*

Boxelder bugs: Spray bugs outside the home with 1 1/2-2 1/2 oz. in 1 gal. of water. At the same time, spray thoroughly around foundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

Precautions: Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds. Avoid overlapping of sprays. Irrigate lawn thoroughly following application (except for spot treatments) however stop irrigation before puddling occurs.

Dust Formulations Based on D·z·n diazinon 50W

D·z·n diazinon 50W is recommended for use in formulating dilute dust products. Formulators should contact the Industrial Sales Department, Agricultural Division, for information regarding proper diluents and suggested formulae.

Seed Treatment - Planter-Box Treatment

Corn

Seedcorn beetle: Mix 3 oz. per bushel of seed as a dry mixture in the planter box as a seed treatment prior to planting.

Corn, Peas, Soybeans, and Beans (Lima, Snap, White, and Kidney)  
Seedcorn maggot: Mix 1/2 oz. per bushel of seed as a dry mixture in the planter box as a seed treatment prior to planting.

Planter-Box Mixing Instructions: Stir seed slightly using a mixing stick. Additional mixing will result from the operation of the planter. DO NOT MIX WITH BARE HANDS.

Note: If seed has not been treated with a fungicide, use Captan or Thiram in combination with D·z·n diazinon 50W at rates indicated on fungicide package. Failure to use a fungicide with D·z·n diazinon 50W may result in injury to the seed. If the seed treatment increases the friction between seeds sufficiently to reduce the rate of delivery through the planter, 1/2 oz. of graphite per bushel of seed should be added as a drill lubricant. Adjust the planter to give the required rate of seed delivery with the treated seed.

Caution: D·z·n diazinon 50W treated grain cannot be used for feed for livestock, or for the preparation of products for human consumption.

Fly Control

Fly control in barns and animal sleeping quarters (except dairy barns, milk rooms, and poultry houses).

Residual Sprays: Remove animals from buildings prior to treatment and keep animals out for at least four hours. Mix 2 lbs. of D·z·n diazinon 50W in 25 gals. of water and apply as an overall spray to ceilings and walls of livestock sheds, calf barns, hog barns, loafing sheds, and other farm buildings except poultry houses, dairy barns, and milk rooms. Areas where flies congregate, such as garbage dumps and corrals, should be sprayed thoroughly. Longer residual control may be obtained by increasing the rate to 4 lbs. in 25 gals. of water. Applications should be made to point of runoff. One gal. of the above spray should cover from 350-750 sq. ft. of area, depending on the surface treated. Repeat applications as fly populations warrant.

Bait Sprays: Mix the appropriate amount of D·z·n diazinon 50W with 1 lb. of sugar (or 2 cups of syrup or molasses) for the desired application.

For knapsack or similar type sprayer, mix 1/2 lb. with the sugar in 2 1/2 gals. of water and spot treat areas frequented by flies including cracks, crevices, doorways, **around windows**, or other areas where flies congregate. Repeat applications as fly populations warrant.

For sprinkling can application, mix 2 oz. with the sugar in 5 gals. of water and sprinkle lightly over the floor in areas frequented by flies. Applications every day or two will generally be required.

Do not contaminate milk, feed, drinking water, or apply to animals or poultry. Do not use in edible product areas of food processing plants or other areas where food is commercially prepared or processed. Do not use in dwellings.

#### Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If pesticide, spray mixture or rinsates cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### Precautionary Statements

##### Hazards to Humans and Domestic Animals

#### WARNING

May be fatal if swallowed. May be absorbed through skin. Do not breathe dust or spray mist. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling and before eating or smoking. Avoid contamination of food and

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feed. Keep out of reach of domestic animals. Do not use on humans or household pets. Do not permit children or pets to go onto sprayed grass until spray has completely dried.

Statement of Practical Treatment

- If swallowed: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.
- If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.
- If on skin: Remove contaminated clothing and wash affected areas thoroughly with soap and water.
- If in eyes: Flush eyes with plenty of water. Call a physician if irritation develops or persists.

Note to Physician: Gastric lavage is indicated. Atropine sulfate and 2-PAM are specific antidotes.

Environmental Hazards

*Revised*

This product is toxic to birds, fish and wildlife including waterfowl. Birds and 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 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 and 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

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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.

Physical or Chemical Hazards

Do not use, pour, spill, or store near heat or open flame.

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

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