

D·z·n[®]

Lawn & Garden Insect Control

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

Spray concentrate. Contains diazinon insecticide.

Active Ingredient:
Diazinon: O, O-Diethyl
O-(2-isopropyl-6-
methyl-4-pyrimidinyl)
phosphoro-
thioate 25.0%

Inert
Ingredients* : 75.0%

Total: 100.0%

* Contains xylene range aromatic solvent.

KEEP OUT OF REACH
OF CHILDREN.

WARNING

See end of booklet for additional precautionary statements

EPA Reg. No. 100-456

Protects

Lawns
Vegetables
Fruits & Nuts
Roses, Flowers
Trees, Shrubs

Controls

Ants, Aphids
Chinch Bugs
Cutworms
Fire Ants*
Flea Beetles
Grubs, Mites
Sod Webworms
...and many others

* Aids in control

One Pint
Net Contents

ACCEPTED

APR - 1 1991

Use for the Federal Insecticide,
Fungicide and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 100-456

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. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. **CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.**

CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

DIRECTIONS FOR USE

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

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

General Information

D·z·n Lawn and Garden Insect Control is an emulsifiable concentrate product which must be diluted with water before application. Refer to the section "How to Mix and Apply." This product kills many outdoor insects which damage lawns, roses, flowers, trees, shrubs, vegetables, fruits and nuts, and insects which annoy pets and people. Contains diazinon insecticide which provides positive control of many "hard-to-kill" sucking and chewing insects. D·z·n works fast and applications should be repeated only as directed to maintain control.

Notes: (1) USE CONTENTS WITHIN 6 MONTHS AFTER OPENING. SEE "STORAGE AND DISPOSAL" DIRECTIONS. (2) Do not use in the home. (3) Do not use on ferns, poinsettia, hibiscus, papaya, pine, gardenia or orchids since injury may occur. (4) Do not use on commercially-grown potatoes which will be hand-harvested. (5) Use this product on succulent peas and beans only. Do not use on dried pea or bean varieties. (6) Do not apply to food crops grown in green houses.

Precautions: (1) Wear a long-sleeved shirt and long-legged pants when spraying. (2) Spray with the wind to your back. (3) Do not spray on windy days. (4) If clothing becomes wet from spray during use, remove clothing after spraying, wash affected body areas thoroughly with soap and water, and launder clothing before wearing again.

How to Mix and Apply

Step #1: Determine size of spraying job. For lawns and vegetables, measure the area to be sprayed. For all other applications, apply as a thorough cover spray. Make applications when insects first appear. Applications should be repeated only as directed to maintain control.

Step #2: Use clean sprayer. Carefully measure and mix the amount of D·z·n and water as suggested in the rate chart.

Step #3: Spray as directed in rate chart. Thorough coverage is important. Flush sprayer with clean water after each use.

See chart for complete insect list. Use rates shown unless otherwise indicated.

- 1 tablespoon = 3 teaspoons
- 1 fl. oz. = 6 teaspoons or 2 tablespoons
- 6 fl. oz. = ¾ cup
- 2 tablespoons in 3 gals. of water = 2 teaspoons in 1 gal. of water or 6 oz. in 18 gals. of water

Lawn Pest Control

Use on Bent, Bermuda, Bluegrass, Dichondra, Fescue, Merion and St. Augustine grass

To control pests listed below, apply recommended rates

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 and waterfowl. Avoid overlapping of sprays. Where irrigation (watering) is recommended in the directions or if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), water lawn with at least ¼ inch of water immediately after spraying this product, however, stop watering before puddling occurs.

Pests	Rate		Remarks
	D·z·n	Water	
Lawn Chinch Bugs	1½ Tablespoons per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals 24 gals	Thoroughly wet down grass a few hours before applying. In the North, if Chinch Bugs are the only problem, a lower rate of application can be used: 3 teaspoons in 3 gals of water covers 125 sq ft or 4 fl. oz. in 24 gals of water per 1,000 sq ft.
Ants, Armyworms, Bermudagrass, Mites, Clover Mites, Springtails (Collembola), Crickets, Cutworms, Digger Wasps, Earwigs, Frit Flies, Lawn Billbugs, Leafhoppers, Sod Webworms (Lawn Moths), Sowbugs (Pillbugs)	1½ Tablespoons per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals 24 gals	Thoroughly wet down grass a few hours before applying. For ants and digger wasps, spot spray ant hills and wasp ground nest openings. For digger wasps, apply at dusk, when wasps are not active. Billbug control: Apply when activity is first observed or when chewed or brown grass is present indicating damage from the insect. For frit flies, mow grass and water well before treatment, but delay application until grass is dry.
Brown Dog Ticks, Chiggers, Fleas	1½ Tablespoons per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals 24 gals	NOTE: Do not apply to animals. For brown dog ticks spray grass and under shrubbery, particularly near house.
Hyperodes Weevil	1½ Tablespoons per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals 24 gals	Treat problem areas in mid-April and again in mid-May. Water grass thoroughly after application.
Millipedes	1½ Tablespoons per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals 24 gals	Thoroughly wet grass a few hours before applying.
Rhodesgrass Scales	1½ Tablespoons per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals 24 gals	Apply when crawlers first emerge.
White Grubs of Japanese Beetle, European Chafer, Southern Chafer	1½ Tablespoons per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals 24 gals	Apply any time between late July and early October. Water grass thoroughly after application.

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Nuisance Pests in Outside Areas

Ants, Boxelder Bugs, Brown Dog Ticks, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders, Springtails (Collembola)

Mix 6 fl. oz. in 3 gals. of water and thoroughly spray window and door screens, sills, foundations, porch and patio walls, entranceways, walks, garbage cans, tree trunks, and into cracks and other places where insects can hide. Do not treat animals. Do not treat plants (other than tree trunks) at this nuisance pest rate.

To prevent entry into houses, spray a five-foot band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet. Repeat application as necessary

Fire Ants

To aid in the control of fire ants in lawns and other recreational areas, apply 2 tablespoons in a minimum of 1 gal. of water as a drench. Apply over and 6 inches around each mound. Apply gently to avoid disturbing ants. Reapply as necessary. Larger quantities of solution can be prepared for multiple mound treatments. Use equipment capable of delivering the diluted product as a gentle rain at the rate of 1 gal. per mound. High pressure sprays may disturb the ants and cause migration, reducing product effectiveness

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

Insect Control on Ornamental Trees, Shrubs and Flowers

Insects	Rate per 3 gals. of water	Timing/Special Directions
Trees and Shrubs Arbovitae, Azalea, Birch, Boxwood, Camellia, Douglas Fir, Elm, Hawthorn, Holly, Juniper, Lilac, Locust, Manie, Mimosa, Oak, Pine, Ornamental, Plum, Poplar, Rhododendron, Spruce, Willow	2 Tablespoons	Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to penetrate dense foliage with spray.
Webworms (Juniper, Mimosa), Whiteflies	2 Tablespoons	Apply as a thorough foliar spray. Mimosa Webworms: Apply as a thorough foliar spray when adults first appear. Make two additional applications at 4-5 week intervals.
Apple-and-Thorn Skeletonizers, Hemlock Chermes, Oak Looper, Obliquebanded Leafroller, Pear Slugs, Tent Caterpillars, Webworms (Colonaster, Fall)	2 Tablespoons	Apply as a thorough foliar spray.

Trees and Flowers	Aphids, Euonymus Scale Crawlers, Flea Beetles, Dipterous Leafminers, Leafhoppers, Mealybugs, Mites (Carnation Bud, Carnation Shoot, Cyclamen, European Red, Two-spotted Spider), Thrips, Whiteflies	2 Tablespoons	Apply as a thorough foliar spray. Try to spray underside of leaves and penetrate dense foliage.
Azaleas, Camellias, Chrysanthemums, Carnations, Gladiolus, Lilac, Rhododendron, Roses			

Fruits and Nuts

Start spraying after blooming. Applications should be made according to infestation or when aphids, mites, and crawler stages of scale insects are first noted.

Observe stated time intervals between last application and harvest of the crop, as well as intervals between applications and total number of applications that can be made per season.

Crop	PHI*
Almonds	45
Apricots	10
Blackberries	7
Boysenberries	7
Cherries	10
Dewberries	7
Grapes	18
Loganberries	7
Nectarines	10
Peaches	20
Plums	10
Prunes	10
Raspberries	7
Strawberries	5
Walnuts	45

*PHI = Pre-Harvest Interval, or the number of days between the last application and harvest.

Note: To protect bees, do not apply to fruit trees when trees or substantial numbers of weeds around the trees are in bloom.

Crop	Pest	Rate	Timing/Special Directions
Almonds (CA only)	Aphids, San Jose scale, Parlatoria scale, Spider Mites, Twig Borers	2 Tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 6 gallons per 560 sq ft of orchard. Do not make more than 3 applications per season. 14 days apart. Do not apply after husks open or split. Do not apply within 45 days of harvest. This product may be used on almonds only in California.

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Apricots	Aphids. Apricot Mealybugs. Mites (Clover (brown). Two-spotted Spider). Scale Crawlers (Olive, San Jose)	2 Tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 6 gallons per 500 sq. ft. of orchard. Do not make more than 5 applica- tions per season a minimum of 14 days apart. Do not apply within 10 days of harvest
Cane- berries (CA, OR, VA only) Black- berries. Boysen- berries. Dewberries. Logan- berries. Rasp- berries	Aphids. Leafhoppers. Raspberry Fruitworms. Two-spotted Spider Mites, Thrips	2 Tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 5 gallons per 500 sq. ft. of field Do not make more than 5 applications per season a minimum of 14 days apart. Do not apply within 7 days of harvest This product may be used on caneberries only in California, Oregon and Washing- ton. Do not use this product on caneber- ries grown in other states
Cherries	Black Cherry Aphids. Cherry Fruitflies. Cherry Fruitworms (Maggots). Fruitree Leafrollers. Mites (Cherry Rust). Scale Crawlers (San Jose)	2 Tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 6 gallons per 500 sq. ft. of orchard. Do not make more than 5 applica- tions per season a minimum of 7 days apart. Do not apply within 10 days of harvest.
Grapes	Aphids. Leafhoppers Grape Berry Moths Grape Leafrollers	2 Tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 3 gallons per 500 sq. ft. of vineyard. Do not make more than 5 applica- tions per season a minimum of 7 days apart. Do not apply within 18 days of harvest.
Nectarines	Aphids. Mites (Clover (brown). Two-spotted Spider). Scale Crawlers (Olive, San Jose)	2 Tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 6 gallons per 500 sq. ft. of orchard. Do not make more than 5 applica- tions per season a minimum of 14 days apart. Do not apply within 10 days of harvest.
Peaches	Aphids. Mites (Clover (brown). Two-spotted Spider). Scale Crawlers (Olive, San Jose)	2 Tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 6 gallons per 500 sq. ft. of orchard. Do not make more than 5 applica- tions per season a minimum of 14 days apart. Do not apply within 20 days of harvest

Plums and Prunes	Aphids (Leafcurl Plum, Mealy Plum, Thistle). Mites (Clover (brown). European Red)	2 Tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 6 gallons per 500 sq. ft. of orchard. Do not make more than 5 applica- tions per season a minimum of 7 days apart. Do not apply within 10 days of harvest.
Straw- berries	Aphids. Two-spotted Spider Mites. Strawberry Leafrollers	2 Tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 3 gallons per 500 sq. ft. of field Do not make more than 3 applications per season a minimum of 7 days apart. Do not apply within 5 days of harvest.
Walnuts (CA only)	Aphids. Scale Crawlers (Walnut, Italian Pear, Frosted). Spider Mites. Twig Borers	2 Tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 6 gallons per 500 sq. ft. of orchard. Do not make more than 3 applica- tions per season 14 days apart. Do not apply after husks open or split. Do not apply within 45 days of harvest This product may be used on walnuts only in California. Do not use this product on walnuts grown in other states

Vegetables

For foliar or soil applications D-2-n Lawn and Garden Insect Control should be applied in the volume of water recommended in the table below to assure thorough coverage of the foliage or soil.

Observe stated time intervals between last application and harvest as well as intervals between applications and maximum numbers of applications per season. Do not apply to food crops grown in greenhouses.

Pre-Harvest Interval (PHI*) for Foliar Applications

Crop	PHI* (Days)
Beans ¹ (succulent varieties only Lima Pole and Snap)	7
Beets, Red (Table)	14
Broccoli	5
Cabbage	7
Cantaloupes	3
Carrots	10
Casabas	3
Cauliflower	5
Celery, Chinese Broccoli, Chinese Cabbage, Gollards	10
Chicory	3
Cucumbers	7
Endive (Escarole)	10
Honeydew Melons	3
Kale, Lettuce	10
Muskmelons	3
Onions (Bulb and Green), Parsnips	10
Peas ¹	0
Peppers	5
Potatoes (Irish) ²	35
Radishes	10
Spinach, Squash, summer	7
Squash, winter	3
Sweet Corn	0
Tomatoes	1
Turnips	10
Watermelons	3

*PHI = Pre-Harvest Interval, or the number of days between the last application and harvest.

¹ Do not use this product on dried pea or bean varieties such as pinto beans, dried limas, or dried black-eyed peas.

² Do not use this product on commercially-grown potatoes which will be hand-harvested.

Vegetables

For application to the foliage, thoroughly spray all plant parts. Application to the soil should be mixed into the soil immediately after application.

Crop	Pest	Rate	Timing/Special Directions
Beans, Lima, Pole and Snap (succulent varieties only)	Aphids, Cucumber beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Spider Mites	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 5 days up to 3 applications per season. Do not apply within 7 days of harvest.
	Cutworms (surface, subterranean)	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Mole Crickets	2 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms (snap beans only)	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.
NOTE: To protect bees, do not apply bean foliage treatments if the beans or weeds in the treatment area are in bloom.			
Beets, Red (Table)	Cutworms (surface, subterranean)	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Mole Crickets	2 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
Broccoli	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 5 days of harvest.
Cabbage	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 7 days of harvest.
	Cutworms (surface, subterranean)	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Root Maggots	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches.
	Wireworms	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.

Carrots	Aphids. Flea Beetles. Leafhoppers. Dipterous Leafminers. Spider Mites	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 10 days of harvest
	Cutworms (surface, subterranean)	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting Immediately work into soil 2-3 inches for sur- face cutworms, 3-6 inches for subterra- nean cutworms.
	Mole Crickets	2 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil 1-2 days before plant- ing. Immediately work into soil 1-2 inches.
	Wireworms	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting Immediately work into soil 4-8 inches.
Cauliflower	Aphids. Diamondback Moths. Flea Beetles. Imported Cabbageworms. Dipterous Leafminers	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 5 days of harvest.
Celery	Aphids. Flea Beetles. Leafhoppers. Dipterous Leafminers. Spider Mites	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 10 days of harvest.
Chinese Broccoli	Aphids. Diamondback Moths. Flea Beetles. Imported Cabbageworms. Dipterous Leafminers	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 10 days of harvest.
Chinese Cabbage (Bok Choy Napa)	Aphids. Diamondback Moths. Flea Beetles Imported Cabbageworms. Dipterous Leafminers	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 10 days of harvest.
Collards	Aphids. Diamondback Moths. Flea Beetles. Imported Cabbageworms. Dipterous Leafminers	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 10 days of harvest

Corn (see sweet corn)			
Cucumbers	Aphids. Thrips. Spider Mites	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 7 days of harvest.
Endive (Escarole)	Aphids. Flea Beetles. Leafhoppers. Dipterous Leafminers. Spider Mites	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 10 days of harvest.
Kale	Aphids. Diamondback Moths. Flea Beetles. Imported Cabbageworms. Dipterous Leafminers	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 10 days of harvest
Lettuce	Aphids. Flea Beetles. Leafhoppers. Dipterous Leafminers. Spider Mites	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 10 days of harvest
	Cutworms (surface, subterranean)	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting Immediately work into soil 2-3 inches for sur- face cutworms, 3-6 inches for subterra- nean cutworms.
	Wireworms	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting Immediately work into soil 4-8 inches
Melons (Canta- loupes, Casabas, Cren- shaws, Honey- dews, Musk- melons, Persians, and Hybrids of these) and Water- melons	Aphids. Thrips. Spider Mites	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 3 days of harvest
Onions (Bulb and Green)	Onion Thrips	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 10 days of harvest
Parsnips	Aphids. Flea Beetles. Leafhoppers. Dipterous Leafminers. Spider Mites	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 10 days of harvest

Peas (succulent only)	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Spider Mites	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 5 days up to 3 applications per season. Peas may be picked immediately after application
	Cutworms (surface, subterranean)	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Mole Crickets	2 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches
NOTES: (1) Do not apply this product to dried pea varieties such as split peas. (2) To protect bees, do not apply to pea foliage during the pollen shed period			
Peppers	Aphids, Colorado Potato Beetles, Flea Beetles, Leafhoppers	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 5 days of harvest
Potatoes	Aphids, Flea Beetles, Leafhoppers, Colorado Potato Beetles, Southern Armyworms, Dipterous Leafminers	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applications per season. Do not apply within 35 days of harvest. NOTE: Do not use on commercially-grown potatoes which will be hand-harvested.
Radishes	Aphids, Flea Beetles, Leafhoppers, Imported Cabbageworms, Dipterous Leafminers	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.
	Cutworms (surface, subterranean)	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
Spinach	Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers, Spider Mites	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.
Squash, Summer	Aphids, Thrips, Spider Mites	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 7 days of harvest

Squash, Winter	Aphids, Thrips, Spider Mites	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 3 days of harvest.
Sweet Corn	Aphids, Thrips, Flea Beetles, Grasshoppers, Spider Mites	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applications per season. Corn may be picked immediately following last application
	Cutworms (surface, subterranean)	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms
	Mole Crickets	2 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches.
	Wireworms	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches
NOTE: To protect bees do not apply to corn foliage during the pollen shed period			
Tomatoes	Aphids, Colorado Potato Beetles, Fall Armyworms, Flea Beetles, Leafhoppers, Southern Armyworms, Vinegar Flies (<i>Drosophila</i> spp.)	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 1 day of harvest
	Cutworms (surface, subterranean)	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms
	Wireworms	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches
Turnips and Turnip Tops	Aphids, Flea Beetles, Leafhoppers, Imported Cabbageworms, Dipterous Leafminers	2 Tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.
	Cutworms (surface, subterranean)	6 Tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms

Storage and Disposal

Storage

Do not store near heat or open flame. Store in original container in an area inaccessible to children and pets. **USE CONTENTS WITHIN 6 MONTHS AFTER OPENING.**

Disposal

Do not reuse empty container. Thoroughly rinse container, securely wrap it in several layers of newspaper and discard in trash. If disposal of a partially full container is necessary, make sure cap is tightly closed, securely wrap the container in several layers of newspaper and discard in trash.

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING

May be fatal if swallowed or absorbed through skin. Avoid breathing spray mist. Causes substantial but temporary eye damage. Do not get into eyes, on skin or clothing. Wear goggles or safety glasses. Avoid contact with eyes and skin. Wash thoroughly if on skin and after handling. Do not use in the home. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not allow children or pets to go onto a treated area until the treated area such as grass or soil has dried. Do not contaminate ornamental fish ponds. Food utensils such as spoons and measuring cups must not be used for food purposes after use in measuring pesticides.

Statement of Practical Treatment

If swallowed: Call a physician immediately. **DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE.** Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

If inhaled: Remove victim to fresh air and apply artificial respiration if indicated.

If on skin: Wash promptly with soap and water. Rinse thoroughly.

If in eyes: Rinse eyes with plenty of water and call a physician immediately.

Note to Physician: This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. This product contains a xylene range aromatic solvent which may present an aspiration hazard. Gastric lavage may be indicated if product was taken internally.

Environmental Hazards

This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. For lawns, where irrigation (watering) is recommended in the directions or if waterfowl, i.e., duck or geese, can be expected in the treated area after treatment (except spot treatment), water lawn with at least 1/4 inch of water immediately after spraying this product, however, stop watering before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Runoff may be hazardous to aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Physical or Chemical Hazards

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

D•z•n® trademark of CIBA-GEIGY for diazinon

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Agricultural Division

CIBA-GEIGY Corporation

Greeneboro, North Carolina 27419

CGA A1L9J

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D·z·n[®]

Lawn & Garden Insect Control

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

Spray concentrate.
Contains diazinon insecticide.

Active Ingredient:
Diazinon: O, O-Diethyl
O-(2-isopropyl-6-
methyl-4-pyrimidinyl)
phosphoro-
thioate 25.0%

Inert
Ingredients* : 75.0%

Total: 100.0%

* Contains xylene range
aromatic solvent.

KEEP OUT OF REACH
OF CHILDREN.

WARNING

See side panel for
additional precau-
tionary statements.

EPA Reg. No. 100-456

Protects

Lawns
Vegetables
Fruits and Nuts
Roses, Flowers
Trees, Shrubs

Controls

Ants, Aphids
Chinch Bugs
Cutworms
Fire Ants*
Flea Beetles
Grubs, Mites
Sod Webworms
...and many others

* Aids in control

See full label in booklet
under cap for complete
directions for mixing
and applying this prod-
uct and a complete list
of pests controlled.

One Pint
Net Contents

ACCEPTED
APR - 1 1991
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 100-456

CIBA-GEIGY

DIRECTIONS FOR USE

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

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

General Information

D-z-n Lawn & Garden Insect Control is an emulsifiable concentrate product which must be diluted with water before application. This product kills many outdoor pests which damage lawns, roses, flowers, trees, shrubs, vegetables and fruits and insects which annoy pets and people.

SEE THE BOOKLET UNDER CAP FOR COMPLETE DIRECTIONS FOR USE AND PESTS CONTROLLED.

Notes: (1) USE CONTENTS WITHIN 6 MONTHS AFTER OPENING. (2) Do not use in the home. (3) Do not use on ferns, poinsettia, hibiscus, papaya, pilea, gardenia, or orchids since plant injury may occur. (4) Do not use on commercially-grown potatoes which will be hand-harvested. (5) Use this product on succulent peas and beans only. Do not use on dried pea or bean varieties. (6) Do not apply to food crops grown in greenhouses.

After spraying wait the following number of days before harvesting fruits, nuts, or vegetables:

Same day	Peas, Sweet Corn
1 day	Tomatoes
3 days	Melons, Winter Squash
5 days	Broccoli, Cauliflower, Peppers, Strawberries
7 days	Beans, Blackberries, Boysenberries, Cabbage, Cucumbers, Dewberries, Loganberries, Summer Squash
10 days	Apricots, Carrots, Celery, Chermes, Chinese Broccoli, Chinese Cabbage, Collards, Endive (Escarole), Kale, Lettuce, Nectarines, Onions, Parsnips, Plums, Prunes, Radishes, Spinach, Turnips
14 days	Beets, Red (Table)
18 days	Grapes
20 days	Peaches
35 days	Potatoes (Irish)
45 days	Almonds, Walnuts

Precautions: (1) Wear a long-sleeved shirt and long-legged pants when spraying. (2) Spray with the wind to your back. (3) Do not spray on windy days. (4) If clothing becomes wet from spray during use, remove clothing after spraying, wash affected body areas thoroughly with soap and water and launder clothing before wearing again.

*This table is only a partial listing of the pests controlled by this product. See booklet under cap for complete directions for use and pests controlled.

Problem Area	Pests*
Nuisance Pests in Outside Areas	Ants, Brown Dog Ticks, Chiggers, Cockroaches, Crickets, Fleas, Fire Ants, Spiders and others*
Lawns	Chinch Bugs, Ants, Sod Webworms, Brown Dog Ticks, Fleas, White Grubs, Lawn Billbugs and others*
Vegetables: Foliar Application	
Beans, Peas (except dried varieties)	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Spider Mites
Broccoli, Chinese Broccoli, Cabbage, Chinese Cabbage, Cauliflower, Collards, Kale	Aphids, Flea Beetles, Dipterous Leafminers, Diamond-back Moths, Imported Cabbageworms
Celery, Endive (Escarole), Lettuce, Spinach	Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers, Spider Mites

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Peppers. Tomatoes	Aphids, Colorado Potato Beetles, Fall Armyworms (Tomatoes), Flea Beetles, Leafhoppers, Southern Armyworms (Tomatoes), Vinegar Flies - <i>Drosophila</i> spp. (Tomatoes)
Onions (Bulb and Green)	Onion Thrips
Radishes. Turnips, Carrots, Parsnips, Potatoes	Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers, Colorado Potato Beetles (Potatoes), Southern Armyworms (Potatoes)
Sweet Corn	Aphids, Flea Beetles, Grasshoppers, Spider Mites
Melons, Squash (Summer, Winter)	Aphids, Thrips, Spider Mites
Vegetables: Preplant Soil Application	
Beans, Peas (except dried varieties)	Cutworms, Mole Crickets, Wireworms (snap beans)
Beets, Red (Table)	Mole Crickets
Cabbage	Cutworms, Root Maggots, Wireworms
Carrots, Sweet Corn	Cutworms, Mole Crickets, Wireworms
Lettuce, Tomatoes	Cutworms, Wireworms
Radishes, Turnips	Cutworms
Fruits & Nuts	
Almonds, Walnuts (California only - both crops)	Aphids, Scale Crawlers, Spider Mites and others*
Apricots, Peaches, Nectarines	Aphids, Apricot Mealybugs (Apricots), Spider Mites, Scale Crawlers
Cherries	Black Cherry Aphids, Cherry Fruitflies, Cherry Rust Mites, Scale Crawlers and others*
Plums, Prunes	Aphids, Spider Mites
Caneberries (blackberries, boysenberries, dewberries, loganberries, raspberries) (California, Oregon, Washington only - all crops)	Aphids, Leafhoppers, Two-Spotted Spider Mites, Thrips, Raspberry Fruitworms
Strawberries	Aphids, Two-Spotted Spider Mites, Strawberry Leafrollers
Grapes	Aphids, Grape Berry Moths, Grape Leafrollers, Leafhoppers
Roses & Flowers	
Azalea, Camellia, Chrysanthemum, Carnation, Gladioli, Lilac, Rhododendron, Roses	Aphids, Flea Beetles, Dipterous Leafminers, Leafhoppers, Mealybugs, Two-spotted Spider Mites, Thrips, Whiteflies and others*

Trees & Shrubs

Arborvitae,
Azalea, Birch,
Boxwood, Camellia,
Douglas Fir, Elm,
Hawthorn Holly,
Juniper, Lilac,
Locust, Maple,
Mimosa, Oak, Pine,
Ornamental Plum,
Poplar,
Rhododendron,
Spruce, Willow

Aphids, Mites, Scale Crawlers, Whiteflies, Tent Caterpillars and others*

Storage and Disposal**Storage**

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Disposal

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Physical or Chemical Hazards

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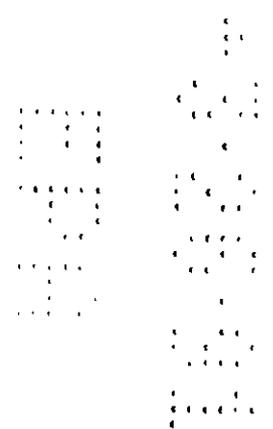
Agricultural Division

CIBA-GEIGY Corporation

Greensboro, North Carolina 27419

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