

Reg # 5887-132

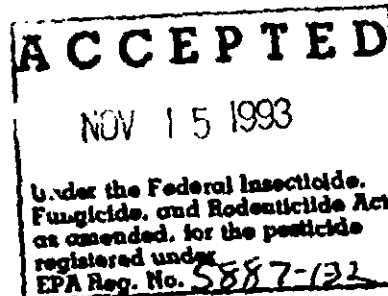
PM-13

Container

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25% Diazinon



Lawn & Garden Insect Control

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

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

Spray concentrate. Contains diazinon insecticide.

Active Ingredient:
Diazinon: O, O-Diethyl
O-(2-isopropyl-6-methyl-4-pyrimidinyl)
phosphorothioate 25.0%
Inert
Ingredients*: 75.0%
Total: 100.0%

* Contains aromatic petroleum distillates.

KEEP OUT OF REACH
OF CHILDREN.

CAUTION

See side panel for additional precautionary statements.

EPA Reg. No. 5887-132

One Pint
Net Contents

Protects

Lawns
Vegetables
Fruits and Nuts
Roses, Flowers
Trees, Shrubs

Controls

Ants, Aphids
Chinch Bugs
Cutworms
Fire Ants¹
Flea Beetles
Grubs, Mites
Sod Webworms.

...and many others²

¹Aids in control³

See full label in booklet⁴
under cap for complete
directions for mixing
and applying this prod-
uct and a complete list⁵
of pests controlled.

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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.

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

BLACK LEAF 25% DIAZINON 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. SEE STORAGE AND DISPOSAL DIRECTIONS. (2) Do not use in the home. (3) Do not use on ferns, pansy, hibiscus, papaya, olea, gardenia or orchids since plant injury may occur. (4) Use this product on succulent peas and beans only. Do not use on dried pea or bean varieties. (5) Do not apply to food crops grown in greenhouses.

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

1 day	Tomatoes
3 days	Melons, Winter Squash
5 days	Peppers, Strawberries
7 days	Beans, Broccoli, Blackberries, Boysenberries, Cauliflower, Cucumbers, Dewberries, Loganberries, Peas, Raspberries, Summer Squash, Sweet Corn
10 days	Chinese Broccoli, Chinese Cabbage, Collards, Kale
14 days	Carrots, Endive (Escarole), Lettuce, Onions (Bulb and Green), Parsnips, Radishes, Spinach, Turnips
21 days	Apples, Cabbage, Cherries, Nectarines, Peaches, Plums, Prunes
28 days	Grapes
35 days	Potatoes (Irish)
45 days	Walnuts
	Almonds (one dormant spray only)

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, Soldiers and others*
Lawns	Chinch Bugs, Ants, Sod Webworms, Brown Dog Ticks, Fleas, White Grubs, Lawn Billbugs and others*
Vegetables: Foliar Application	
Beans,	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles...
Peas (except dried varieties)	Spider Mites
Broccoli,	Aphids, Flea Beetles, Dipterous Leafminers, Diamondback Moths,
Chinese Broccoli,	Imported Cabbageworms
Cabbage,	
Chinese Cabbage,	
Cauliflower,	
Collards,	
Kale	
Endive (Escarole),	Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers, Spider Mites
Lettuce,	
Spinach	

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Peppers. Tomatoes	Aonids. 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	Aonids. Flea Beetles. Leafhoppers. Dipterous Leafminers. Colorado Potato Beetles (Potatoes). Southern Armyworms (Potatoes)
Sweet Corn	Aonids. Flea Beetles. Grasshoppers. Spider Mites
Melons. Squash (Summer, Winter)	Aonids. Thrips. Spider Mites
Vegetables: Predant Soil Application	
Beans. Peas (except dried varieties)	Cutworms. Mole Crickets. Wireworms (Snap Beans)
Beets. Red (Table)	Cutworms. Mole Crickets
Cabbage	Cutworms. Root Maggots. Wireworms
Carrots. Sweet Corn	Cutworms. Mole Crickets. Wireworms
Lettuce. Tomatoes	Cutworms. Wireworms
Radishes. Turnips	Cutworms
Fruits & Nuts	
Almonds (California only)	Scale Crawlers
Walnuts (California only)	Aonids. Scale Crawlers. Spider Mites and others *
Apricots. Peaches. Nectarines	Aonids. Apricot Mealybugs (Apricots). Spider Mites. Scale Crawlers
Cherries	Black Cherry Aonids. Cherry Fruitflies. Cherry Rust Mites. Scale Crawlers and others *
Plums. Prunes	Aonids. Spider Mites
Canberries (CA, OR, WA only): Blackberries. Boysenberries. Dewberries. Loganberries. Raspberries	Aonids. Leafhoppers. Two-Spotted Spider Mites. Thrips. Raspberry Fruitworms
Strawberries	Aonids. Two-Spotted Spider Mites. Strawberry Leafroller:
Grapes	Aonids. Grape Berry Moths. Grape Leafhoppers. Leafhoppers
Roses & Flowers	
Azaleas. Camellias. Chrysanthemums. Carnations. Gladiol. Lilac. Rhododendron. Roses	Aonids. Flea Beetles. Dipterous Leafminers. Leafhoppers. Mealybugs. Two-spotted Spider Mites. Thrips. Whiteflies and others *

Ornamental Trees & Shrubs

Arborvitae.

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

Azaleas, Birch.

Boxwood, Camellias.

Douglas Fir, Elm.

Hawthorn Holly.

Juniper, Lilac.

Locust, Maple.

Mimosa, Oak, Pine.

Ornamental Plum.

Poplar.

Rhododendron.

Soruce, Willow

Storage and Disposal

Storage

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

Disposal

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

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye injury. Avoid breathing spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not use inside 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. Get medical attention.

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

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

Note to Physicians: 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 aromatic petroleum

distillates 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., ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply 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.

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, crabs, 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.

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25% Diazinon

ACCEPTED

NOV 15 1993

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 5887-132

Lawn & Garden Insect Control

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

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

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 aromatic
petroleum distillates.

KEEP OUT OF REACH
OF CHILDREN.

CAUTION

See end of booklet for
additional precautionary
statements

EPA Reg. No. 5887-132

Protects

Lawns
Vegetables
Fruits and Nuts
Roses, Flowers
Trees, Shrubs

Controls

Ants, Aphids
Chinch Bugs
Cutworms
Fire Ants¹
Flea Beetles
Grubs, Mites
Sod Webworms
...and many others

¹ Aids in control

One Pint
Net Contents

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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.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

lapping of sprays. Where irrigation (watering) is recommended in the directions, or if weathering, i.e., dunks or greens, can be expected in the treated area after treatment (except spot treatment), water down with at least 1/4 inch of water immediately after spraying this product; however, stop watering before puddling occurs.

Use on Bent, Bermudagrass, Bluegrass, Dichondra, Fescue, Maize and St. Augustinegrass. To control pests listed below, apply recommended rates.

DIRECTIONS FOR USE

This 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

BLACK

LEAF 25% DIAZINON 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, weeds, shrubs, vegetables, fruits and nuts, and insects which annoy pets and people. Contains diazinon insecticide which provides positive control of many "hard-to-kill" crawling and chewing insects. Diazinon 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, poinsettias, rhododendrons, peonies, oaks, gardenia or orchids since injury may occur. (4) Use this product on succulent peas and beans only. Do not use on dried peas or bean varieties. (5) Do not apply to food crops grown in green houses.

Precautions: (1) Wear a long-sleeved shirt and long-legged pants when spraying. (2) Soak in the wind to your back. (3) Do not spray on windy days. (4) If clothing becomes wet while spraying, 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 only 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 Diazinon 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 list of use areas, crops, and insects controlled. Use the rate given in the chart for the type of insect you want to control on the tree or crop you are spraying.

Measurement Conversions

1 teaspoon = 3 teaspoons

1 fl. oz. = 6 teaspoons or 2 tablespoons

6 fl. oz. = 3/4 cup

1 1/2 tablespoons in 3 gals. of water = 1 1/2 teaspoons in 1 gal. of water

2 tablespoons in 3 gals. of water = 2 teaspoons in 1 gal. of water

Lawn Pest Control

Advantages: Broad, especially water-soluble, feeding or drinking on treated areas may be used. Apply this product only as specified on this label. Because of the migratory habits of certain water-soluble, do not apply in Nassau County, New York, between November 1 and April 30. Do not exceed maximum permitted label rates. Since rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid over-

Pests	Rate		Remarks
	Diazinon	Water	
Lawn Chinch Bugs	1 1/2 tablespoons per 125 sq. ft. or 6 fl. oz. per 1,000 sq. ft.	3 gals. or 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 Moths, Clover Moths, Springtails (Collembola), Crickets, Cutworms, Digger Wasps, Earwigs, Fire Flies, Lawn Billbugs, Leafhoppers, Sod Webworms (Lawn Moths), Sowbugs (Pillbugs)	1 1/2 tablespoons per 125 sq. ft. or 6 fl. oz. per 1,000 sq. ft.	3 gals. or 24 gals.	Thoroughly wet down grass a few hours before applying. For ants and digger wasps, spot spray ant hills and weed ground nest openings. For digger wasps, spray at dusk, when wasps are not active. Billbug control: Apply when activity is first observed or when chinchweed or brown grass is present indicating damage from the insect. For fire flies, mow grass and water thoroughly before treatment, but delay application until grass is dry.
Brown Dog Ticks, Chiggers, Fleas	1 1/2 tablespoons per 125 sq. ft. or 6 fl. oz. per 1,000 sq. ft.	3 gals. or 24 gals.	NOTE: Do not apply this product to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.
Hyperodes Weevil	1 1/2 tablespoons per 125 sq. ft. or 6 fl. oz. per 1,000 sq. ft.	3 gals. or 24 gals.	Treat problem areas in mid-April and again in mid-May. Water grass thoroughly after application.
Millipedes	1 1/2 tablespoons per 125 sq. ft. or 6 fl. oz. per 1,000 sq. ft.	3 gals. or 24 gals.	Thoroughly wet grass a few hours before applying.
Rhodesgrass Scale	1 1/2 tablespoons per 125 sq. ft. or 6 fl. oz. per 1,000 sq. ft.	3 gals. or 24 gals.	Apply when crawlers first emerge.
White Grubs of Japanese Beetles, European Chafers, Southern Chafers	1 1/2 tablespoons per 125 sq. ft. or 6 fl. oz. per 1,000 sq. ft.	3 gals. or 24 gals.	Apply early in the season late July and early October. Water grass thoroughly after application.

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Fire Area

To aid in the control of fire ants in home lawns and other outdoor home recreation 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.

Insect Control on Ornamental Trees, Shrubs and Flowers

Roses and Flowers	Insects	Rate per 3 Gals. of Water	Timing/Special Directions
Azaleas. Carnations. Chrysanthemums. Clematis. Gladioli. Lilac. Rhododendron. Roses	Aphids. Euonymus Scale Creepers. Flea Beetles. Gipsy Moths. Leafhoppers. Leafminers. Lacepedes. Mealybugs. Mites (Carnation Bud. Carnation Shoot. Cyclamen. Eu- ropean Red. Two-spotted Spider. Thrips. Whiteflies	2 table- spoons	Apply as a thorough toler spray. Try to spray under- side of leaves and penetrate dense foliage.

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

Crop	P:W*
Almonds	..
Apricots	21
Blackberries	7
Boysenberries	7
Cherries	21
Dewberries	7
Grapes	28
Loganberries	7
Nectarines	21
Peaches	21
Plums	21
Prunes	21
Raspberries	7
Strawberries	7
Walnuts	15

••Domestic carry only.

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

Crop	Pest	Rate	Timing/Special Directions
Almonds (CA only)	San Jose scale. Pawnee scale	2 tablespoons in 3 gal. of water	Apply only as a 3- month spray. Do not apply more than 6 gallons per 600 sq. ft. of orchard. This product may be used as a dormant spray in CA. Do not use this product on almonds grown in other states.

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Ornamentals	Aphids. Aonidius Mealybugs. Mites (Brown). Two-spotted Spider. Scale Crawlers (Olive, San Jose)	4 tablespoons in 2 gals. of water	Apply as a full cover spray. Do not apply more than 4 gallons per 600 sq. ft. of orchard. Do not make more than 3 applica- tions per season a minimum of 14 days apart. Do not apply within 21 days of harvest.
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Caneberries -CA, OR -WA only Blackberries Soybeans Jewberries Loganberries Raspberries	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 6 gallons per 600 sq. ft. of field. Do not make more than 3 applications per season a minimum of 14 days apart. Do not apply within 7 days of harvest. This product may be used on caneberreries only in CA, OR and WA. Do not use this product on caneberreries grown in other states.
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Cherries	Black Cherry Aphids. Cherry Fruitflies. Cherry Fruitworms (Maggots). Fruitree Leafrollers. Mites (Cherry Rust). Scale Crawlers (San Jose)	4 tablespoons in 2 gals. of water	Apply as a full cover spray. Do not apply more than 4 gallons per 600 sq. ft. of orchard. Do not make more than 3 applica- tions per season a minimum of 7 days apart. Do not apply within 21 days of harvest.
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Roses	Aphids. Leafhoppers. Rose Berry Moths. Rose Leafrollers	4 1/2 tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 3 gallons per 600 sq. ft. of vineyard. Do not make more than 5 applica- tions per season a minimum of 7 days apart. Do not apply within 28 days of harvest.
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Vegetables	Aphids. Mites (Brown). Two-spotted Spider. Scale Crawlers (Olive, San Jose)	4 tablespoons in 2 gals. of water	Apply as a full cover spray. Do not apply more than 4 gallons per 600 sq. ft. of orchard. Do not make more than 3 applica- tions per season a minimum of 14 days apart. Do not apply within 21 days of harvest.
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Peaches	Aphids. Mites (Brown). Two-spotted Spider. Scale Crawlers (Olive, San Jose)	4 tablespoons in 2 gals. of water	Apply as a full cover spray. Do not apply more than 4 gallons per 600 sq. ft. of orchard. Do not make more than 3 applica- tions per season a minimum of 14 days apart. Do not apply within 21 days of harvest.
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Plums and Prunes	Aphids (Leucourt Plum. Mealy Plum. Thistle). Mites (Brown). European Red)	4 tablespoons in 2 gals. of water	Apply as a full cover spray. Do not apply more than 4 gallons per 600 sq. ft. of orchard. Do not make more than 3 applica- tions per season a minimum of 7 days apart. Do not apply within 21 days of harvest.
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Strawberries	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 600 sq. ft. of field. Do not make more than 3 applications per season a minimum of 7 days apart. Do not apply within 6 days of harvest.
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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 600 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 CA. Do not use this product on walnuts grown in other states.
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Vegetables

For foliar or soil applications, D-Z-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
Broccoli	7
Cabbage	21
Cantaloupes	3
Carrots	14
Cassias	3
Cauliflower	7
Chinese Broccoli, Chinese Cabbage, Collards	10
Crimsonweeds	3
Cucumbers	7
Endive (Escarole)	14
Greenhouse Melons	3
Kale	10
Lettuce	14
Mushrooms	3
Onions (Bulb and Green), Parsnips	14
Peas ¹	7
Peppers	5
Potatoes (tuber)	35
Radishes, Romesco	14
Southern Summer	7
Southern Winter	3
Sweet Corn	7
Tomatoes	1
Turkey (Roots and Toots)	14
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 peas or bean varieties such as dried beans, dried lima, split peas or dried black-eyed peas.

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/Precautions - 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 6 days up to 3 applications per season. Do not apply within 7 days of harvest.
	Cutworms (surface, subterranean)	6 tablespoons per 600 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 600 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 600 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4-6 inches.

NOTES: (1) Do not apply this product to dried bean varieties such as dried beans or dried lima. (2) To protect bees, do not apply when foliage treatments if the beans or weeds in the treatment area are in bloom.

Beets, Red (Table)	Cutworms (surface, subterranean)	6 tablespoons per 600 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 600 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 6 applications per season. Do not apply within 7 days of harvest. NOTE: Resistant varieties will not be controlled by diazinon or similar type insecticides.

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 6 applications per season. Do not apply within 21 days of harvest.
	Cutworms (surface, subterranean)	6 tablespoons per 600 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 600 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 600 sq. ft. in a minimum	Broadcast to the soil just before planting. Immediately work into

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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 spray within 14 days of harvest. NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.
	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 4-6 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 spray within 7 days of harvest. NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.
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 spray within 10 days of harvest. NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.
Chinese Cabbage (Pak Choy and Maoi)	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 spray within 10 days of harvest. NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.
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 spray within 10 days of harvest. NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.

Corn (see sweet corn)	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 spray 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 spray within 14 days of harvest. NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.
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 spray within 10 days of harvest. NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.
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 spray within 14 days of harvest. NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.
	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 4-6 inches.
Melons (Cantaloupes, Cassabas, Cren- shaws, Honey- dews, Muskmelons, Peppars 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 spray within 3 days of harvest.

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Onions (Sub 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 spray within 14 days of harvest.
Parsnips	Aphids. Flea Beetles. Leafhoppers. Destructive Leafminers. 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 applica- tions per season. Do not spray within 14 days of harvest. NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.
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 applica- tions per season. Allow at least 7 days between the last ap- plication and harvest.
	Cutworms (surface, subterranean)	5 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 4-6 inches.
NOTES: (1) Do not apply this product to dried pea varieties such as split peas or dried black-eyed peas. (2) To protect bees, do not apply foliage treatments if peas or weeds in the treatment area are in bloom.			
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 applica- tions per season. Do not spray within 5 days of harvest.
Potatoes	Aphids. Flea Beetles. Leafhoppers. Colorado Potato Beetles. Southern Armyworms. Destructive 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 spray within 35 days of harvest. NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.

Radishes	Aphids. Flea Beetles. Leafhoppers. Imported Cabbageworms. Destructive 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 3 applica- tions per season. Do not spray within 14 days of harvest. NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.
	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.
Sagehen	Aphids. Flea Beetles. Leafhoppers. Destructive 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 spray within 14 days of harvest. NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.
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 applica- tions per season. Do not spray 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 applica- tions per season. Do not spray 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 application every 7 days up to 5 applica- tions per season. Corn may be picked 7 days 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 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 4-6 inches.
NOTE: To protect bees, do not apply to corn foliage during the pollen shed period.			

12/12

Tomatoes	Aornids. Colorado Potato Beetles. Fall Armyworms. Flea Beetles. Leafhoppers. Southern Armyworms. Vinegar Flies Drosophila 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 applica- tions per season. Do not spray 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 sur- face cutworms, 3-6 inches for subterra- nean cutworms.
Turnips and Turnip Tops	Aornids. Flea Beetles. Leafhoppers. Colorado Colorado Beetles. Colorado 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 spray within 14 days of harvest. NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.
	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.

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

CAUTION

Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye injury. Avoid breathing spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not use inside 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 or doctor. **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 supply artificial respiration if indicated. Get medical attention.

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

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

Note to Physician: This product is an organophosphate insecticide. If symptoms of cholinergic inhibition are present, atropine sulfate by injection is antidotal. 2-Pral is also antidotal and may be administered, but only in conjunction with atropine. This product contains aromatic petroleum distillates which may present an aspiration hazard. Gastric lavage may be indicated if product was taken recently.

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 lands 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. A.C.C. overloading of sprays. For lawns, where irrigation (watering) is recommended in the direction of 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 away from lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water.

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 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.

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