



59144-28

12/06/2001

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Gro Tec, Inc.
c/o Ms. Kim Davis
RegWest Company
30856 Rocky Road
Greeley, CO 80631-9375

DEC - 6 2001

Dear Ms. Davis:

Subject: Amendment - Comply with 2000 Diazinon MOA;
Delete Almonds and Pole Beans;
Update First Aid per PR Notice 2001-1; and
Update CSF/replacement diazinon source
Diazinon Lawn & Garden Insecticide
EPA Registration Number 59144-28
Your submissions dated June 14 and 21, 2001

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

BOOKLET LABEL

- a. Revise the end of the front panel CONTROLS claim to read "... and many more insects as listed in Directions For Use."
- b. Under the heading DIRECTIONS FOR USE, in the sentence beginning "Failure to follow", revise "fur use" to "for use".
- c. Under the heading General Information, revise item "4" of the NOTES to read "Do not apply this product in greenhouses."
- d. Under the heading Nuisance Pests Outside the Home, in the second paragraph of the directions for Ants, etc., revise "tot he" to "to the".
- e. Under the heading VEGETABLES, revise "Do not apply to food crops grown in greenhouses." to read "Do not apply this product in greenhouses."

- f. In the Vegetables PHI table, revise the entry for "Casabas" to "Casaba Melons" and the entry for "Crenshaws" to "Crenshaw Melons".
- g. In the Hazards to Humans and Domestic Animals text, revise "Do not use inside the home." to read "Do not use inside the home or in greenhouses."
- h. In the If Swallowed advice of the First Aid section, add as the fourth item:
 - Do not give anything by mouth to an unconscious or convulsing person.

CONTAINER LABEL

- a. Revise the end of the front panel CONTROLS claim to read "... and many more insects as listed in Directions For Use."
 - b. Under the heading DIRECTIONS FOR USE, slightly revise the reformulation prohibition to read "Reformulation or repackaging of this product is prohibited."
 - c. Under the heading DIRECTIONS FOR USE, in the sentence beginning "Failure to follow", revise "fur use" to "for use".
 - d. Under the heading General Information, revise item "4" of the NOTES to read "Do not apply this product in greenhouses."
 - e. In the Hazards to Humans and Domestic Animals text, revise "Do not use inside the home." to read "Do not use inside the home or in greenhouses."
 - f. In the If Swallowed advice of the First Aid section, add as the fourth item:
 - Do not give anything by mouth to an unconscious or convulsing person.
3. Submit three (3) copies of your final printed labeling before you release the product for shipment.
 4. Comply with all applicable provisions of the 2000 Memorandum of Agreement Regarding Pesticide Products Containing Diazinon (i.e., the Diazinon MOA). In accordance with the Diazinon MOA you have requested the following revisions to the conditions of registration for this diazinon product with outdoor non-agricultural (i.e., home and garden) uses:
 - a. You have requested under section 6(f) of FIFRA that this registration be voluntarily canceled on a date not later than December 31, 2004.

- b. You may not manufacture, label, or release for shipment this product after June 30, 2003.
- c. You may not sell or distribute this product after August 31, 2003.
- d. The registration for this product shall expire and be canceled on December 31, 2004.
- e. You will send to every person who directly purchases this product (i.e., to every seller) a notification of Product Recovery Program to be conducted by Syngenta and Makhteshim after December 31, 2004.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

The Basic Confidential Statement of Formula (CSF) dated June 14, 2001 which identifies a replacement diazinon source Manufacturing Use Product is acceptable and has been added to this product's registration file.

Sincerely,

George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

{Booklet}

DIAZINON LAWN & GARDEN INSECTICIDE

A Water-Base Concentrate
Water-Based Concentrate

This product must not be used on golf courses and sod farms.
For Outdoor Use Only on the Home Lawn and the Home Garden

Spray Concentrate. Contains Diazinon Insecticide
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
¹Aids in Control.

Long-Lasting Formula
For Lawns, Gardens, Trees & Shrubs
For Lawns and Gardens For Trees and Shrubs
Makes up to 120 Gallons

Use on Lawns, Fruit Trees, Vegetables and Flowers and Around House Foundations
Kills Fleas, Aphids, Whiteflies

Low Odor Water Based Kills 100+ Insects Low Odor Diazinon Water Based Diazinon
Product Usage: Kills: Grubs, Fleas, Sod Webworms, Flea Beetles, Armyworms, Mites,
Crickets, Cutworms, Sowbugs, Brown Dog Ticks and many more insects
Use On: Lawns, Trees (including fruit), Vegetables, Flowers, Around House Foundations
Amount to Use: Outdoor Nuisance Pests: 2 fl. oz. in 1 gallon of water;
Trees, Shrubs, Roses and Flowers 2 tsp. in 1 gallon of water;
see detailed instructions on inside for fruits, nuts, vegetables

Active Ingredient:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate.....	22.4%
Other Ingredients	77.6%
Total	100.0%

Keep Out of Reach of Children
CAUTION
See end of booklet for additional precautionary statements.

ACCEPTED
with COMMENTS
In EPA Letter Dated:
DEC - 6 2001
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
59144-28

EPA Reg. No. 59144-28

EPA Est. _____

Net Contents: _____

Gro Tec, Inc.
P.O. Box 290
Madison, GA 30650

For More Information Call 1-888-648-9855
In Case of Emergency Call 1-800-424-9300

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 Gro Tec, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Gro Tec 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. Gro Tec, Inc. makes no other express or implied warranty of Fitness or merchantability or any other express or implied warranty. In no case shall Gro Tec or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. Gro Tec 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 Gro Tec, Inc.

DIRECTIONS FOR USE

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

Reformulation or repackaging of this product is prohibited.

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

Diazinon Lawn & Garden Insecticide is a water-based concentrate product which must be diluted with water before application. To avoid having spray mixture left over, mix only the amount needed. 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. **Diazinon Lawn & Garden Insecticide** works fast and application should be repeated only as directed to maintain control

Notes: (1) Do not use inside the home. (2) Do not use on ferns, poinsettia, hibiscus, papaya, pilea, gardenia or orchids since injury may occur. (3) Use this product on succulent peas and beans only. Do not use on dried pea or bean varieties. (4) Do not apply to food crops grown in greenhouses.

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. Application should be repeated only as directed to maintain control.

Step #2: Use clean sprayer. Carefully measure and mix the amount of **Diazinon Lawn & Garden Insecticide** and water as indicated in the rate chart.

Step #3: Spray as directed in the rate chart. Thorough coverage is important. See chart for complete list of use sites, crops and insects controlled. Use the rate given in the chart for the type of insect you want to control on the site or crop you are spraying.

Step #4: Flush sprayer with clean water after each use.

Measurement Conversions

1 tablespoon = 3 teaspoons

1 fl. oz. = 6 teaspoons or 2 tablespoons

6 fl. oz. = $\frac{3}{4}$ cup

$1\frac{1}{2}$ tablespoons in 3 gals. of water = $1\frac{1}{2}$ teaspoons in 1 gal. of water

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

Lawn Pest Control

Precautions: (1) Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. (2) Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York, between November 1 and May 20. (3) Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds and waterfowl. (4) Avoid overlapping of sprays. (5) Where watering is recommended in the directions, or if waterfowl (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.

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

Pests	Rate		Remarks
	Amount of Concentrate	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 (<i>Collembola</i>), 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 thoroughly 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 this product 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.

Nuisance Pests Outside the Home

Ants, Boxelder Bugs, Brown Dog Ticks, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders, Springtails (<i>Collembola</i>)	Mix 2 fl. oz. in 1 gal. 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 hid. To prevent entry into houses, spray a 5-ft. 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. Do not treat animals with this product. Do not treat plants (other than tree trunks) at this nuisance pest rate.
Fire Ants	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. 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

Spray when listed pests first appear. Repeat as necessary.

Trees and Shrubs	Insects	Rate per 1 Gal. of Water	Timing/Special Directions
Arborvitae, Azalea, Birch, Boxwood, Camellia, Crab Apple, Dogwood, Douglas Fir, Elm, Euonymus, Hawthorn, Holly, Honey Locust, Honeysuckle, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental Plum, Poplar, Rhododendron, Scotch Pine, Spirea, Spruce, Sycamore, Wax Plant (Hoya), Willow, Yellowwood, Yew	Aphids, Apple and Thorn Skeletonizers, Bagworms, European Pine Sawfly, European Pine Shoot Moths, Holly Bud Moths, Dipterous Leafminers (Arborvitae, Azalea, Birch, Boxwood, Holly, Oak), Hemlock Chermes, Leafhoppers, Mealybugs, Mites (Clover, Cyclamen, European Red, Privet, Two-spotted Spider), Oak Loopers, Obliquebanded Leafrollers, Obscure Root Weevils, Omnivorous Leaf-tiers, Pear Slugs, Scale Crawlers (Cottonycusion, Euonymus, Lecanium, Pine Needle, Pit, San Jose, Soft), Tent Caterpillars, Webworms (Cotoneaster, Fall, Juniper, Mimosa), Whiteflies	2 tsp.	Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to penetrate dense foliage with spray. Mimosa Webworms: Apply when adults first appear. Make 2 additional applications at 4 to 5-week intervals.
Azaleas, Camellias, Chrysanthemums, Carnations, Gladioli, Lilac, Lilies, Marigolds, Pansies, Petunias, Rhododendron, Roses	Aphids, Dipterous Leafminers, Euonymus Scale Crawlers, Flea Beetles, Leafhoppers, Mealybugs, Mites (Carnation Bud, Carnation Shoot, Cyclamen, European Red, Two-spotted Spider), Thrips, Whiteflies	2 tsp.	Apply as a thorough foliar spray. Try to spray underside of leaves and penetrate dense foliage.

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* (Days)
Apples	21
Apricots	21
Blackberries	7
Blueberries	7
Boysenberries	7
Cherries	21
Dewberries	7
Grapes	28
Loganberries	7
Nectarines	21
Peaches	21
Pears	21
Plums	21
Prunes	21
Raspberries	7
Strawberries	5
Walnuts	45

*PHI = Pre-Harvest Interval, or the number of days to wait 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	Pests	Rate	Timing/Special Directions
Apples	Aphids, Apple Maggots, Codling Moths, Eyespotted Budmoths, Fruit Tree Leafrollers, Leafhoppers, Mealybugs, Scale Crawlers (San Jose Forbes), Spider Mites	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart. Do not apply within 21 days of harvest. Note: Resistant apple maggots may not be controlled by diazinon or similar type insecticides.

Crop	Pests	Rate	Timing/Special Directions
Apricots	Aphids, Apricot Mealybugs, Mites (Brown, Two-spotted Spider), Scale Crawlers (Olive, San Jose)	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart. Do not apply within 21 days of harvest.
Blueberries	Aphids, Blueberry Maggots, Cherry Fruitworms, Cranberry Fruitworms, Thrips, Two-spotted Spider Mites	2 tsp. in 1 gal. of water	Apply as a full cover spray. Allow a minimum of 14 days between applications. Do not apply more than 4 gals. per 500 sq. ft. of blueberry patch. Do not make more than 5 applications per season, a minimum of 14 days apart. Allow a minimum of 7 days between the last application and harvest.
Caneberries (CA, OR, WA only): Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	Aphids, Leafhoppers, Raspberry Fruitworms, Two-spotted Spider Mites, Thrips	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 5 gals. per 500 sq. ft. of caneberry patch. 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 CA, OR and WA. Do not use this product on caneberries grown in other states.
Cherries	Black Cherry Aphids, Cherry Fruitflies, Cherry Fruitworms (Maggots), Fruittree Leafrollers, Mites (Cherry Rust), Scale Crawlers (San Jose)	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 7 days apart. Do not apply within 21 days of harvest.
Grapes	Aphids, Leafhoppers, Grape Berry Moths, Grape Leafrollers	1½ tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 3 gals. per 500 sq. ft. of home vineyard. Do not make more than 5 applications per season, a minimum of 7 days apart. Do not apply with 28 days of harvest.
Nectarines	Aphids, Mites (Brown, Two-spotted Spider), Scale Crawlers (Olive, San Jose)	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart. Do not apply within 21 days of harvest.
Peaches	Aphids, Mites (Brown, Two-spotted Spider), Scale Crawlers (Olive, San Jose)	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart. Do not apply within 21 days of harvest.
Pears	Aphids, Apple Maggots, Codling Moths, Mealybugs, Scale Crawlers (San Jose, Forbes), Spider Mites, Tentiform Leafminers	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart. Do not apply within 21 days of harvest. Note: Resistant apple maggots will not be controlled by diazinon or similar type insecticides.
	Pear Psylla	1-2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart. Do not apply within 21 days of harvest.
Plums and Prunes	Aphids (Leafcurl Plum, Mealy Plum, Thistle), Mites (Brown, European Red)	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 7 days apart. Do not apply within 21 days of harvest.
Strawberries	Aphids, Two-spotted Spider Mites, Strawberry Leafrollers	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 3 gals. per 500 sq. ft. of strawberry patch. 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 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 6 gals. per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 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, **Diazinon Lawn & Garden Insecticide** 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 Intervals (PHI*) for Foliar Applications

Crop	PHI* (Days)
Beans (succulent varieties only: Lima and Snap)	7
Broccoli	7
Cabbage	21
Cantaloupes	3
Carrots	14
Casabas	3
Cauliflower	7
Chinese Broccoli	10
Chinese Cabbage	10
Collards	10
Crenshaws	3
Cucumbers	7
Endive (Escarole)	14
Honeydew Melons	3
Kale	10
Lettuce	14
Muskmelons	3
Onions (Bulb & Green)	14
Parsnips	14
Peas	7
Peppers	5
Persian melons	3
Potatoes (Irish)	35
Radishes	14
Rutabagas	14
Spinach	14
Squash, Summer	7
Squash, Winter	3
Sweet Corn	7
Tomatoes	1
Turnips (Roots and Tops)	14
Watermelons	3

*PHI = Pre-Harvest Interval, or the number of days to wait between the last application and harvest.
 †Do not use this product on dried pea or bean varieties such as pinto beans, dried limas, split peas or dried black-eyed peas.

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

Crop	Pests	Rate	Timing/Special Directions
Beans, Lima and Snap (succulent varieties only)	Aphids, Cucumber beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Spider Mites	1 tsp. in 1 gal. of water to cover 500 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 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches of subterranean cutworms.
	Mole Crickets	2 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms (snap beans only)	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
Notes: (1) Do not apply this product to dried bean varieties such as pinto beans or dried limas. (2) To protect bees, do not apply bean foliage treatments if the beans or weeds in the treatment area are in bloom.			

Crop	Pests	Rate	Timing/Special Directions
Beets, Red (Table)	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches of subterranean cutworms.
	Mole Crickets	2 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
Broccoli	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 tsp. in 1 gal. of water to cover 500 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. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Cabbage	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 21 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches of subterranean cutworms.
	Root Maggots	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches.
	Wireworms	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
Carrots	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches of subterranean cutworms.
	Mole Crickets	2 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
Cauliflower	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 tsp. in 1 gal. of water to cover 500 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. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Chinese Broccoli	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 tsp. in 1 gal. of water to cover 500 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. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Chinese Cabbage (Bok Choy and Napa)	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 tsp. in 1 gal. of water to cover 500 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. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Collards	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 tsp. in 1 gal. of water to cover 500 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. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Corn (see Sweet Corn)			
Cucumbers	Aphids, Thrips, Spider Mites	1 tsp. in 1 gal. of water to cover 500 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.

Crop	Pests	Rate	Timing/Special Directions
Endive (Escarole)	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Kale	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 tsp. in 1 gal. of water to cover 500 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. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Lettuce	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches of subterranean cutworms.
	Wireworms	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persian and Hybrids of these) and Watermelons	Aphids, Thrips, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Onions (Bulb and Green)	Onion Thrips	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest.
Parsnips	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Peas (succulent only)	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 5 days, up to 3 applications per season. Allow at least 7 days between the last application and harvest.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches of subterranean cutworms.
	Mole Crickets	2 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly 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 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	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply with in 5 days of harvest.
Potatoes	Aphids, Colorado Potato Beetles, Dipterous Leafminers, Flea Beetles, Leafhoppers, Southern Armyworms	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 35 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.

Crop	Pests	Rate	Timing/Special Directions
Radishes	Aphids, Dipterous Leafminers, Flea Beetles, Imported Cabbageworms, Leafhoppers,	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 3 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches of subterranean cutworms.
Rutabagas	Aphids, Dipterous Leafminers, Flea Beetles, Imported Cabbageworms, Leafhoppers,	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches of subterranean cutworms.
Spinach	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Squash, Summer	Aphids, Thrips, Spider Mites	1 tsp. in 1 gal. of water to cover 500 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	1 tsp. in 1 gal. of water to cover 500 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	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Corn may be picked 7 days following last application.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches of subterranean cutworms.
	Mole Crickets	2 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly 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.)	1 tsp. in 1 gal. of water to cover 500 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 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches of subterranean cutworms.
	Wireworms	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
Turnips and Turnip Tops	Aphids, Dipterous Leafminers, Flea Beetles, Imported Cabbageworms, Leafhoppers,	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches of subterranean cutworms.

Storage and Disposal

Storage: Store in original container in an area inaccessible to children and pets. If product freezes, place container in a warm room inaccessible to children and pets (68°F or above) and allow to thaw. Shake well before using. **Disposal:** Do not pour the concentrate, the spray mixture or the rinse water down the drain or sewer. Do not reuse empty container. Triple rinse the empty container, pour the rinse water into the sprayer, then spray the area to be treated. Securely wrap empty container 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. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. 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.

First Aid

This product contains diazinon, an organophosphate insecticide that inhibits cholinesterase.	
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. [You may also call 1-800-424-9300 for emergency medical treatment advice.]

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. If ingested induce emesis or lavage stomach.

{Note: The first aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

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, NY 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 watering is recommended in the directions, or if waterfowl (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. 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, 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 of bees are visiting the treatment area.

[] Denotes alternate/optional language
{ } Denotes language that does not appear on the market label

14/17

{Container}

DIAZINON LAWN & GARDEN INSECTICIDE

A Water-Base Concentrate
Water-Based Concentrate

This product must not be used on golf courses and sod farms.
For Outdoor Use Only on the Home Lawn and the Home Garden

Spray Concentrate. Contains Diazinon Insecticide

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

¹Aids in Control.

Long-Lasting Formula

For Lawns, Gardens, Trees & Shrubs

For Lawns and Gardens For Trees and Shrubs

Makes up to 120 Gallons

Use on Lawns, Fruit Trees, Vegetables and Flowers and Around House Foundations

Kills Fleas, Aphids, Whiteflies

Low Odor Water Based Kills 100+ Insects Low Odor Diazinon Water Based Diazinon

Product Usage: Kills: Grubs, Fleas, Sod Webworms, Flea Beetles, Armyworms, Mites,
Crickets, Cutworms, Sowbugs, Brown Dog Ticks and many more insects

Use On: Lawns, Trees (including fruit), Vegetables, Flowers, Around House Foundations

Amount to Use: Outdoor Nuisance Pests: 2 fl. oz. in 1 gallon of water;

Trees, Shrubs, Roses and Flowers 2 tsp. in 1 gallon of water;
see detailed instructions on inside for fruits, nuts, vegetables

Active Ingredient:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate..... 2.4%

Other Ingredients 77.6%

Total 100.0%

Keep Out of Reach of Children
CAUTION
See end of booklet for additional precautionary statements.

EPA Reg. No. 59144-28

EPA Est. _____

Net Contents: _____

Gro Tec, Inc.
P.O. Box 290
Madison, GA 30650

For More Information Call 1-888-648-9855
In Case of Emergency Call 1-800-424-9300

**Diazinon Lawn & Garden Insecticide
A Water Base Concentrate**

- Concentrated
- Less Smell
- Reduced Odor Formulation
- Easy-to-Apply
- Dilute and Spray
- Control Soil, Foliar and Sucking Pests
- Concentrated = Better Value
- Controls Pests in the Home Lawn and Home Garden
- Soil and Foliar Insecticide with Broad Spectrum Control
- Reliable Control
- Fast Acting
- Time Tested Insecticide
- Water-Based Formula
- Broad Spectrum Pest Control
 - Low Odor
 - Easy-to-Mix
 - Handles Easily
 - Excellent Performance
- Convenient Water-Based Formula
- Protects Home Lawns and Home Vegetable Gardens
- Controls a Wide Spectrum of Pests
- Spray on Foliage or Soil to Control Numerous Pests
- Covers up to _____ Sq. Ft. of Lawn
 - Dependable Control
 - Economical
- Use on Home Lawns, Ornamentals, Vegetables and Fruits

DIRECTIONS FOR USE

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

Reformulation or repackaging this product is prohibited.

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

Diazinon Lawn & Garden Insecticide is a water-based concentrate product which must be diluted with water before application. To avoid having spray mixture left over, mix only the amount needed. 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.

Notes: (1) Do not use inside the home. (2) Do not use on ferns, poinsettia, hibiscus, papaya, pilea, gardenia or orchids since injury may occur. (3) Use this product on succulent peas and beans only. Do not use on dried pea or bean varieties. (4) 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, Blackberries, Blueberries, Boysenberries, Broccoli, 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, Rutabagas, Spinach, Turnips
21 days	Apples, Apricots, Cabbage, Cherries, Nectarines, Peaches, Pears, Plums, Prunes
28 days	Grapes
35 days	Potatoes (Irish)
45 days	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 Lawns	Ants, Brown Dog Ticks, Chiggers, Cockroaches, Crickets, Fleas, Fire Ants, Spiders and others* Ants, Brown Dog Ticks, Chinch Bugs, Fleas, Lawn Billbugs, Sod Webworms, White Grubs and others*
Vegetables: Foliar Application	
Beans, Peas (except dried varieties) Broccoli, Chinese Broccoli, Cabbage, Chinese Cabbage, Cauliflower, Collards, Kale Endive (Escarole), Lettuce, Spinach Peppers, Tomatoes	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Spider Mites Aphids, Diamondback Moths, Dipterous Leafminers, Flea Beetles, Imported Cabbageworms Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites Aphids, Colorado Potato Beetles, Fall Armyworms (Tomatoes), Flea Beetles, Leafhoppers, Southern Armyworms (tomatoes), Vinegar Flies [<i>Drosophila</i> spp.] (Tomatoes)
Onions (Bulb and Green) Carrots, Parsnips, Potatoes, Radishes, Rutabagas, Turnips Sweet Corn Melons, Squash (Summer, Winter)	Onion Thrips Aphids, Dipterous Leafminers, Colorado Potato Beetles (Potatoes), Flea Beetles, Leafhoppers, Southern Armyworms (Potatoes) Aphids, Flea Beetles, Grasshoppers, Spider Mites Aphids, Thrips, Spider Mites
Vegetables: Preplant Soil Application	
Beans, Peas (except dried varieties) Beets, Red (Table) Cabbage Carrots, Sweet Corn Lettuce, Tomatoes Radishes, Rutabagas, Turnips	Cutworms, Mole Crickets, Wireworms (Snap Beans) Cutworms, Mole Crickets Cutworms, Root Maggots, Wireworms Cutworms, Mole Crickets, Wireworms Cutworms, Wireworms Cutworms
Fruits and Nuts	
Walnuts (CA only) Apples, Pears	Aphids, Mites, Scale Crawlers and others* Aphids, Apple Maggots, Codling Moths, Leafhoppers, Scale Crawlers, Spider Mites (Pears), Pear Psylla (Pears) and others*
Apricots, Peaches, Nectarines Blueberries	Aphids, Apricot Mealybugs (Apricots), Scale Crawlers, Spider Mites Aphids, Blueberry Maggots, Cherry Fruitworms, Cranberry Fruitworms, Two-spotted Spider Mites, Thrips
Cherries Plums, Prunes Caneberries (Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries) CA, OR, WA only (all crops) Strawberries Grapes	Black Cherry Aphids, Cherry Fruitflies, Cherry Rust Mites, Scale Crawlers and others* Aphids, Spider Mites Aphids, Leafhoppers, Raspberry Fruitworms, Two-spotted Spider Mites, Thrips Aphids, Strawberry Leafrollers, Two-spotted Spider Mites Aphids, Grape Berry Moths, Grape Leafrollers, Leafhoppers
Roses and Flowers	
Azaleas, Camellias, Chrysanthemums, Carnations, Gladioli, Lilac, Lilies, Marigolds, Pansies, Petunias, Rhododendron, Roses	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Mealybugs, Thrips, Two-spotted Spider Mites, Whiteflies and others*
Ornamental Trees and Shrubs	
Arborvitae, Azaleas, Birch, Boxwood, Camellias, Crab Apple, Dogwood, Douglas Fir, Elm, Euonymus, Hawthorn, Holly, Honeysuckle, Honey Locust, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental Plum, Poplar, Rhododendron, Scotch Pine, Spirea, Spruce, Sycamore, Wax Plant (Hoya), Willow, Yellowwood, Yew	Aphids, Mites, Scale Crawlers, Tent Caterpillars, Whiteflies and others*

Storage and Disposal

Storage: Store in original container in an area inaccessible to children and pets. If product freezes, place container in a warm room inaccessible to children and pets (68°F or above) and allow to thaw. Shake well before using. **Disposal:** Do not pour the concentrate, the spray mixture or the rinse water down the drain or sewer. Do not reuse empty container. Triple rinse the empty container, pour the rinse water into the sprayer, then spray the area to be treated. Securely wrap empty container 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

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First Aid

This product contains diazinon, an organophosphate insecticide that inhibits cholinesterase.	
If Swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Immediately rinse skin with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. [You may also call 1-800-424-9300 for emergency medical treatment advice.]	
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. If ingested induce emesis or lavage stomach.	

{Note: The first aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

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, NY 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 watering is recommended in the directions, or if waterfowl (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. 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, 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 of bees are visiting the treatment area.

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