

 <p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p style="text-align: center;">NOTICE OF PESTICIDE: <u> X </u> Registration <u> </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 802-598	Date of Issuance: APR - 4 1997
	Terms of Issuance: Conditional	
	Name of Pesticide Product: Lilly/Miller Diazinon Insect Spray	
Name and Address of Registrant (include ZIP Code): The Chas. H. Lilly Co. P.O. Box 83179 Portland, OR 97283		
<p><small>Notes: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</small></p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p style="text-align: center;">This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. 2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> a. Add the phrase "EPA Reg. No. 802-598". b. On both the container label and in the booklet, in the Environmental Hazards, revise "where irrigation (watering) is" to read just "where watering is". c. In the booklet, in the LAWN PEST CONTROL Precautions, revise "Where irrigation (watering) in" to read "Where watering is". 		
Signature of Approving Official:	Date: APR - 4 1997	

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- d. In the booklet, in the list of lawn pests, correct "Fruit Flies" to "Frit Flies".
 - e. In the booklet, in the heading over the list of pre-harvest intervals for Fruits and Nuts, revise "or the number of days between" to read "or the number of days to wait between".
 - f. In the booklet, throughout the Timing/Special Directions for use on Fruits and Nuts, add a comma between "applications per season" and "a minimum of".
 - g. In the booklet, in the Timing/Special Directions for the crop Walnuts add ", a minimum of" before "14 days apart".
 - h. In the booklet, in the heading over the list of pre-harvest intervals for Vegetables, revise "Or the number of days between" to read "or the number of days to wait between".
 - i. In the booklet, throughout the Timing/Special Directions for use on Vegetables, for all crops with foliar application add a comma between "days" and "up to".
 - j. On the container label and in the booklet, in the STORAGE directions add "inaccessible to children or pets" after "(68 degrees Fahrenheit or above)".
 - k. Be sure to meet type size requirements for elements of the label with minimum type size requirements.
3. Submit three (3) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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.

Enclosures

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LILLY/MILLER DIAZINON INSECT SPRAY
Water based concentrate

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.

- Protects
- Lawns
- Vegetables
- Fruits & Nuts
- Roses
- Flowers
- Trees
- Shrubs

- Controls
- Ants
- Aphids
- Chinch Bugs
- Cutworms
- Fire Ants (1)
- Flea Beetles
- Grubs
- Mites
- Sod Webworms and many others

(1) Aids in control.

See full label in booklet for complete directions for mixing and applying this product and a complete list of pests controlled.

Active Ingredient:

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

KEEP OUT OF REACH OF CHILDREN
CAUTION

See side panel for additional precautionary statements.

Net Contents _____

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR - 4 1997

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

802-598

(Front Panel Bullet Statements)

- Concentrated
- Broad Spectrum Pest Control
- Less Smell
- Low Odor
- Reduced Odor Formulation
- Easy-to-Mix
- Easy-to-Apply
- Handles Easily
- Dilute and Spray
- Excellent Performance
- Controls soil, foliar, and sucking pests
- Convenient water-based formula
- Concentrated = Better Value
- Protects Home Lawns and Home Vegetable Gardens
- Controls pests in the home lawn and home garden
- Controls a wide spectrum of pests
- Soil and Foliar Insecticide with Broad Spectrum Control
- Spray on foliage or soil to control numerous pests
- Reliable control
- Covers up to _____ sq. ft. of lawn
- Fast acting
- Dependable Control
- Time Tested Insecticide
- Economical
- New Water-Based Formula ("New" may appear no longer than 6 months following product introduction)
- Use on home lawns, ornamentals, vegetables and fruits

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN 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.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

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IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

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.

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 rated 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 (ducks or geese) can be expected in the treated area after treatment (except spot treatment), water lawn with at least 1/4 inch of water immediately after spraying this product; however, stop watering before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water. Runoff may be hazardous to aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

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

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

LILLY/MILLER DIAZINON INSECT SPRAY 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. This product kills many outdoor pests which damage lawns, roses, flowers, trees, shrubs, vegetables and fruits 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 plant 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 Apricots, 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 for complete directions for use and pests controlled.

Problem Area

Nuisance Pests in Outside Areas

- Pests
- Ants
- Brown Dog Ticks
- Chiggers
- Cockroaches
- Crickets
- Fleas
- Fire Ants
- Spiders and others*

Lawns

- Pests
- Chinch Bugs
- Ants
- Sod Webworms
- Brown Dog Ticks

Fleas
White Grubs
Lawn Billbugs and others*

Vegetables: Foliar Application

Beans, Peas (except dried varieties)

Pests
Aphids
Cucumber Beetles
Grasshoppers
Leafhoppers
Mexican Bean Beetles
Spider Mites

Broccoli
Chinese Broccoli
Cabbage
Chinese Cabbage
Cauliflower
Collards
Kale

Pests
Aphids
Flea Beetles
Dipterous Leafminers
Diamond-Back Moths
Imported Cabbageworms

Endive (Escarole)
Lettuce
Spinach

Pests
Aphids
Flea Beetles
Leafhoppers
Dipterous Leafminers
Spider Mites

Peppers
Tomatoes

Pests
Aphids
Colorado Potato Beetles
Fall Armyworms (Tomatoes)

Flea Beetles
Leafhoppers
Southern Armyworms (Tomatoes)
Vinegar Flies-Drosophila spp. (Tomatoes)

Onions (Bulb and Green)

Pests
Onion Thrips

Radishes
Rutabagas
Turnips
Carrots
Parsnips
Potatoes

Pests
Aphids
Flea Beetles
Leafhoppers
Dipterous Leafminers
Colorado Potato Beetles (Potatoes)
Southern Armyworms (Potatoes)

Sweet Corn

Pests
Aphids
Flea Beetles
Grasshoppers
Spider Mites

Melons
Squash (Summer, Winter)

Pests
Aphids
Thrips
Spider Mites

Vegetables: Preplant soil Application

Beans, Peas (except dried varieties)

Pests
Cutworms
Mole Crickets
Wireworms (snap beans)

Beets, Red (Table)

Pests
Cutworms
Mole Crickets

Cabbage

Pests
Cutworms
Root Maggots
Wireworms

Carrots
Sweet Corn

Pests
Cutworms
Mole Crickets
Wireworms

Lettuce
Tomatoes

Pests
Cutworms
Wireworms

Radishes
Rutabagas
Turnips

Pests
Cutworms

Fruits & Nuts

Almonds

Pests
Scale Crawlers

Walnuts (California only-both crops)

Pests
Aphids
Scale Crawlers
Mites and others*

Apricots
Peaches
Nectarines

Pests
Aphids
Apricot Mealybugs (Apricots)
Spider Mites
Scale Crawlers

Blueberries

Pests
Cranberry Fruitworms
Cherry Fruitworms
Blueberry Maggots
Aphids, Thrips
Two-Spotted Spider Mites.

Cherries

Pests
Black Cherry Aphids
Cherry Fruitflies
Cherry Rust Mites
Scale Crawlers, and others*

Plums
Prunes

Pests
Aphids
Spider Mites

Caneberries
Blackberries
Boysenberries
Dewberries
Loganberries
Raspberries
(California, Oregon, Washington only-all crops)

Pests
Aphids
Leafhoppers, Two-Spotted Spider Mites, Thrips, Raspberry Fruitworms

Strawberries

Pests

Aphids

Two-Spotted Spider Mites

Strawberry Leafrollers

Grapes

Pests

Aphids

Grape Berry Moths

Grape Leafrollers

Leafhoppers

Roses and Flowers:

Azaleas

Camellias

Chrysanthemums

Carnations

Gladioli

Lilac

Lilies

Marigolds

Pansies

Petunias

Rhododendron

Roses

Pests

Aphids

Flea Beetles

Dipterous Leafminers

Leafhoppers

Mealybugs

Two-Spotted Spider Mites

Thrips

Whiteflies, and others*

Ornamental Trees & Shrubs

Arborvitae

Azaleas

Birch

Boxwood

Camellias

Crab Apple

Dogwood

Douglas Fir

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- 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

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

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STORAGE AND DISPOSAL

STORAGE

Store in original container in an area inaccessible to children or pets. If product freezes, place container in a warm room (68 Degrees Fahrenheit or above) and allow to thaw. Shake well before using.

DISPOSAL

Don't 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 and spray the treated area. 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.

THE CHAS. H. LILLY CO.
Portland, Oregon 97283
EPA Reg. No. 802-
EPA Est. _____

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BOOKLET (affixed to back of container)

LILLY/MILLER DIAZINON INSECT SPRAY
Water Based Concentrate

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.

Protects

Lawns

Vegetables

Fruits & Nuts

Roses

Flowers

Trees

Shrubs

Controls

Ants

Aphids

Chinch Bugs

Cutworms

Fire Ants (1)

Flea Beetles

Grubs, Mites

Sod Webworms

and many others

(1) Aids in control.

Active Ingredient:

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

22.4%

Inert Ingredients:

77.6%

Total:

100.0%

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See end of booklet for additional precautionary statements.

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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 unopened product container at once.

Version A

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 of application all of which are beyond the control of The Chas. H. Lilly Co. or the Seller. All such risks shall be assumed by the Buyer.

The Chas. H. Lilly Co. 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. The Chas. H. Lilly Co. makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall The Chas. H. Lilly Co. or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. The Chas. H. Lilly Co. 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 The Chas. H. Lilly Co.

Version B

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

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

LILLY/MILLER DIAZINON INSECT SPRAY is a water-based concentrate product which must be diluted with water before application. Refer to the section "How to Mix and Apply." This product kills many outdoor insects which damage lawns, roses, flowers, trees, shrubs, vegetables, fruits and nuts, and insects which annoy pets and people.

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Contains diazinon insecticide which provides positive control of many "hard-to-kill" sucking and chewing insects. LILLY/MILLER DIAZINON INSECT SPRAY 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. Shake well before using.

Carefully measure and mix the amount of LILLY/MILLER DIAZINON INSECT SPRAY and water as indicated in the rate chart.

Step #3: Spray as directed in rate chart.
Thorough coverage is important.

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

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.

Measurement conversions

1 tablespoon = 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

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

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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.

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

To control pests listed below, apply recommended rates.

Pests
Lawn Cinch Bugs

Rate	
LILLY/MILLER DIAZINON INSECT SPRAY	Water
1 1/2 tablespoons per 125 sq. ft.	3 gals.
or	
6 fl. ozs. per 1,000 sq. ft.	24 gals.

Remarks:
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. ozs. in 24 gals. of water per 1,000 sq. ft.

Pests
Ants
Armyworms
Bermudagrass Mites
Clover Mites
Springtails (Collembola)
Crickets
Cutworms
Digger Wasps
Earwigs
Fruit Flies
Lawn Billbugs
Leafhoppers
Sod Webworms (Lawn Moths)
Sowbugs (Pillbugs)

Rate	
LILLY/MILLER DIAZINON INSECT SPRAY	Water
1 1/2 tablespoons per 125 sq. ft.	3 gals.
or	
6 fl. ozs. per 1,000 sq. ft.	24 gals.

Remarks
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.

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Billbug control: Apply when activity is first observed or when chewed or brown grass is present indicating damage from the insect.

For fruit flies, mow grass and water thoroughly before treatment, but delay application until grass is dry.

Pests
Brown Dog Ticks
Chiggers
Fleas

Rate
LILLY/MILLER DIAZINON INSECT SPRAY
1 1/2 tablespoons per 125 sq. ft.
or
6 fl. ozs. per 1,000 sq. ft.

Water
3 gals.
24 gals.

Remarks
Note: Do not apply this product to animals.

For brown dog ticks, spray grass and under shrubbery, particularly near house.

Pests
Hyperodes Weevil

Rate
LILLY/MILLER DIAZINON INSECT SPRAY
1 1/2 tablespoons per 125 sq. ft.
or
6 fl. ozs. per 1,000 sq. ft.

Water
3 gals.
24 gals.

Remarks
Treat problem areas in mid-April and again in mid-May. Water grass thoroughly after application.

Pests
Millipedes

Rate
LILLY/MILLER DIAZINON INSECT SPRAY
1 1/2 tablespoons per 125 sq. ft.
or
6 fl. ozs. per 1,000 sq. ft.

Water
3 gals.
24 gals.

Remarks
Thoroughly wet grass a few hours before applying

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Pests
Rhodesgrass scales

Rate
LILLY/MILLER DIAZINON INSECT SPRAY
1 1/2 tablespoons per 125 sq. ft.
or
6 fl. ozs. per 1,000 sq. ft.

Water
3 gals.

24 gals.

Remarks
Apply when crawlers first emerge.

Pests
White Grubs of:
Japanese Beetle
European Chafer
Southern Chafer

Rate
LILLY/MILLER DIAZINON INSECT SPRAY
1 1/2 tablespoons per 125 sq. ft.
or
6 fl. ozs. per 1,000 sq. ft.

Water
3 gals.

24 gals.

Remarks
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 (Collembola)

Mix 2 fl. ozs. 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 hide.

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To prevent entry into houses, spray a 5 foot band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet. Repeat application as necessary.

Do not treat animals with this product. Do not treat plants (other than tree trunks) at this nuisance pest rate.

Nuisance Pests Outside the Home

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 a 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 degrees 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

Arborvitae

Azaleas

Birch

Boxwood

Camellias

Crab Apple

Dogwood

Douglas Fir

Elm

Euonymous

Hawthorn

Holly

Honey Locust

Honeysuckle

Juniper

Lilac

Locust

Maple

Mimosa

Oak

Pine

Ornamental Plum

Poplar

Rhododendron

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Scotch Pine
Spirea
Spruce
Sycamore
Wax Plant (Hoya)
Willow
Yellowwood
Yew

Insects

Aphids
Apple-and-Thorn Skeletonizers
Bagworms
European Pine Sawfly
European Pine Shoot Moths
Holly Bud Moths
Dipterous Leafminers (Arborvitae, Azalea, Birch, Boxweed, 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 (Cottony-cushion, Euonymus, Lecanium, Pine Needle, Pit, San Jose, Soft)
Tent Caterpillars
Webworms (Cotoneaster, Fall Juniper, Mimosa)
Whiteflies

Rate per 1 gal. of water
2 teaspoons

Timing/Special Directions

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.

Roses and Flowers

Azaleas
Camellias
Chrysanthemums
Carnations
Gladioli
Lilac

Lillies
Marigolds
Pansies
Petunias
Rhododendron
Roses

Insects
Aphids
Dipterous Leafminers
Euonymus Scale Crawlers
Flea Beetles
Leafhoppers
Mealybugs
Mites (Carnation Bud, Carnation Shoot, Cyclamen, European Red, Two-spotted Spider)
Thrips
Whiteflies

Rate per 1 gal. of water
2 teaspoons

Timing/Special Directions

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

Almonds	Dormant spray only
Apricots	21
Blackberries	7
Blueberries	7
Boysenberries	7
Cherries	21
Dewberries	7
Grapes	28
Loganberries	7
Nectarines	21
Peaches	21
Plums	21

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Prunes	21
Raspberries	7
Strawberries	5
Walnuts	45

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

Crop
Almonds (CA only)

Pest
San Jose Scale
Parlatoria Scale

Rate
2 teaspoons in 1 gal. of water

Timing/Special Directions
Apply only as a dormant spray. Do not apply more than 6 gallons per 500 sq. ft. of home orchard.

This product may be used on almonds only in CA. Do not use this product on almonds grown in other states.

Crop
Apricots

Pest
Aphids
Apricot Mealybugs
Mites (Brown, Two-spotted Spider)
Scale Crawlers (Olive, San Jose)

Rate
2 teaspoons in 1 gal. of water

Timing/Special Directions
Apply as a full cover spray. Do not apply more than 4 gallons 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.

Crop
Blueberries

Pest
Cranberry Fruitworms
Cherry Fruitworms
Blueberry Maggots
Aphids

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Thrips
Two-Spotted Spider Mites

Rate
2 teaspoons in 1 gal. of water

Timing/Special Directions
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 2 applications per season.

Allow a minimum of 7 days between the last application and harvest.

Crop
Caneberries (CA, OR, WA only):
Blackberries
Boysenberries
Dewberries
Loganberries
Raspberries

Pest
Aphids
Leafhoppers
Raspberry Fruitworms
Two-spotted Spider Mites
Thrips

Rate
2 teaspoons in 1 gal. of water

Timing/Special Directions
Apply as a full cover spray. Do not apply more than 5 gallons 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 California, Oregon and Washington. Do not use this product on caneberries grown in other states.

Crop
Cherries

Pest
Black Cherry Aphids
Cherry Fruitflies
Cherry Fruitworms (Maggots)
Fruittree Leafrollers
Mites (Cherry Rust)
Scale Crawlers (San Jose)

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Rate

2 teaspoons in 1 gal. of water

Timing/Special Directions

Apply as a full cover spray. Do not apply more than 4 gallons 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.

Crop

Grapes

Pest

Aphids

Leafhoppers

Grape Berry Moths

Grape Leaf-folders

Rate

1 1/2 teaspoons in 1 gal. of water

Timing/Special Directions

Apply as a full cover spray. Do not apply more than 3 gallons 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 within 28 days of harvest.

Crop

Nectarines

Pest

Aphids

Mites (Brown, Two-spotted Spider)

Scale Crawlers (Olive, San Jose)

Rate

2 teaspoons in 1 gals. of water

Timing/Special Directions

Apply as a full cover spray. Do not apply more than 4 gallons 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.

Crop

Peaches

Pest

Aphids

Mites (Brown, Two-spotted Spider)

Scale Crawlers (Olive, San Jose)

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Rate

2 teaspoons in 1 gal. of water

Timing/Special Directions

Apply as a full cover spray. Do not apply more than 4 gallons 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.

Crop

Plums and Prunes

Pests

Aphids (Leafcurl Plum, Mealy Plum, Thistle)

Mites (Brown, European Red)

Rate

2 teaspoons in 1 gal of water

Timing/Special Directions

Apply as a full cover spray. Do not apply more than 4 gallons 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.

Crop

Strawberries

Pest

Aphids

Two-spotted Spider Mites

Strawberry Leafrollers

Rate

2 teaspoons in 1 gal. of water

Timing/Special Directions

Apply as a full cover spray. Do not apply more than 3 gallons 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.

Crop

Walnuts (CA only)

Pest

Aphids

Scale Crawlers (Walnut, Italian Pear, Frosted)

Spider Mites

Twig Borers

Rate

2 teaspoons in 1 gal. of water

Timing/Special Directions

Apply as a full cover spray. Do not apply more than 6 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season 14 days apart. Do not apply after husks open or split. Do not apply within 45 days of harvest.

This product may be used on walnuts only in California. Do not use this product on walnuts grown in other states.

Vegetables

For foliar or soil applications, LILLY/MILLER DIAZINON INSECT SPRAY 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 for Foliar Applications

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

Beans (1) (succulent varieties only: Lima, Pole & 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 and Green)	14
Parsnips	14
Peas (1)	7
Peppers	5
Persian Melons	3

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Potatoes (Irish)	35
Radishes	14
Rutabagas	14
Spinach	14
Squash, Summer	7
Squash, Winter	3
Sweet Corn	7
Tomatoes	1
Turnips (Root & Tops)	14
Watermelons	3

(1) Do not use this product on dried pea or bean varieties such as pinto beans, dried limas, 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
Beans, Lima, Pole and Snap (succulent varieties only)

Pest
Aphids
Cucumber beetles
Grasshoppers
Leafhoppers
Mexican Bean Beetles
Spider Mites

Rate
1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions
Thoroughly spray all plant parts. Repeat application every 5 days up to 3 applications per season. Do not apply within 7 days of harvest.

Pest
Cutworms (surface, subterranean)

Rate
6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions
Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Pest
Mole Crickets

Rate

2 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.

Pest

Wireworms (snap beans only)

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.

Note: (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

Beets, Red (Table)

Pest

Cutworms (surface, subterranean)

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Pest

Mole Crickets

Rate

2 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.

Crop

Broccoli

Pest

Aphids

Diamondback Moths

Flea Beetles

Imported Cabbageworms

Dipterous Leafminers

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Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

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.

Crop

Cabbage

Pest

Aphids

Diamondback Moths

Flea Beetles

Imported Cabbageworms

Dipterous Leafminers

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

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.

Pest

Cutworms (surface, subterranean)

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Pest

Root Maggots

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 2-3 inches.

Pest

Wireworms

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Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.

Crop

Carrots

Pests

Aphids

Flea Beetles

Leafhoppers

Dipterous Leafminers

Spider Mites

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

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.

Pest

Cutworms (surface, subterranean)

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Pest

Mole Crickets

Rate

2 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.

Wireworms

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

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Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.

Crop
Cauliflower

Pest
Aphids
Diamondback Moths
Flea Beetles
Imported Cabbageworms
Dipterous Leafminers

Rate
1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

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.

Crop
Chinese Broccoli

Pest
Aphids
Diamondback Moths
Flea Beetles
Imported Cabbageworms
Dipterous Leafminers

Rate
1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

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.

Crop
Chinese Cabbage (Bok Choy and Napa)

Pest
Aphids
Diamondback Moths
Flea Beetles
Imported Cabbageworms

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Dipterous Leafminers

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

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.

Crop
Collards

Pest
Aphids
Diamondback Moths
Flea Beetles
Imported Cabbageworms
Dipterous Leafminers

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

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.

Crop
Corn (see sweet corn)

Crop
Cucumbers

Pest
Aphids
Thrips
Spider Mites

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 7 days of harvest.

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Crop
Endive (Escarole)

Pest
Aphids
Flea Beetles
Leafhoppers
Dipterous Leafminers
Spider Mites

Rate
1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions
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.

Crop
Kale

Pest
Aphids
Diamondback Moths
Flea Beetles
Imported Cabbageworms
Dipterous Leafminers

Rate
1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions
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.

Crop
Lettuce

Pest
Aphids
Flea Beetles
Dipterous Leafminers
Spider Mites

Rate
1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

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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.

Pest

Cutworms (surface, subterranean)

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Pest

Wireworms

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.

Crop

Melons (Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persians, and Hybrids of these)
Watermelons

Pest

Aphids

Thrips

Spider Mites

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season do not apply within 3 days of harvest.

Crop

Onions (Bulb and Green)

Pest

Onion thrips

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Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season do not apply within 14 days of harvest.

Crop

Parsnips

Aphids

Flea Beetles

Dipterous Leafminers

Spider Mites

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden.

Timing/Special Directions

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.

Crop

Peas (succulent only) (1)

Pest

Aphids

Cucumber Beetles

Grasshoppers

Leafhoppers

Mexican Bean Beetles

Spider Mites

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

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.

Pest

Cutworms (surface, subterranean)

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

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Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Pest

Mole Crickets

Rate

2 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.

Pest

Wireworms

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water

Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.

Note: (1) Do not apply this product to dried pea varieties such as split peas or black-eyed peas. (2) To protect bees, do not apply bean foliage treatments if the peas or weeds in the treatment area are in bloom.

Crop

Peppers

Pest

Aphids

Colorado Potato Beetles

Flea Beetles

Leafhoppers

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 5 days of harvest

Crop

Potatoes

Pest

Aphids

Flea Beetles

Leafhoppers

Colorado Potato Beetles

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Southern Armyworms
Dipterous Leafminers

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

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

Radishes

Pest

Aphids

Flea Beetles

Leafhoppers

Imported Cabbageworms

Dipterous Leafminers

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

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.

Pest

Cutworms (surface, subterranean)

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Crop

Rutabagas

Pest

Aphids

Flea Beetles

Leafhoppers

Imported Cabbageworms

Dipterous Leafminers

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Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

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.

Pest

Cutworms (surface, subterranean)

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Crop

Spinach

Pest

Aphids

Flea Beetles

Leafhoppers

Dipterous Leafminers

Spider Mites

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

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.

Crop

Squash, Summer

Pest

Aphids

Thrips

Spider Mites

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

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Timing/Special Directions

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
Squash, Winter

Pest
Aphids
Thrips
Spider Mites

Rate
1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 3 days of harvest.

Crop
Sweet Corn

Pest
Aphids
Thrips
Flea Beetles
Grasshoppers
Spider Mites

Rate
1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

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.

Pest
Cutworms (surface, subterranean)

Rate
6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Pest
Mole Crickets

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Rate

2 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.

Pest

Wireworms

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

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.

Crop

Tomatoes

Pest

Aphids

Colorado Potato Beetles

Fall Armyworms

Flea Beetles

Leafhoppers

Southern Armyworms

Vinegar Flies (Drosophila spp.)

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 1 day of harvest.

Pest

Cutworms (surface, subterranean)

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Pest

Wireworms

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Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.

Crop

Turnips and Turnip Tops

Pest

Aphids

Flea Beetles

Leafhoppers

Imported Cabbageworms

Dipterous Leafminers

Rate

1 teaspoon in 1 gal. of water to cover 500 sq. ft. of garden

Timing/Special Directions

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.

Pest

Cutworms (surface, subterranean)

Rate

6 tablespoons per 500 sq. ft. in a minimum of 1 gal. of water

Timing/Special Directions

Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

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STORAGE AND DISPOSAL

STORAGE

Store in original container in an area inaccessible to children or pets. If product freezes, place container in a warm room (68 Degrees Fahrenheit 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.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN 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.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

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.

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 rated 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 (ducks or geese), can be expected in the treated area after treatment (except spot treatment), water lawn with at least 1/4 inch of water immediately after spraying this product, however, stop watering before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water. 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.

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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.

THE CHAS. H. LILLY CO.
Portland, Oregon 97283
EPA Reg. No. 802- *L O I*
EPA Est. _____