

447676

Mr. Michael Jackson  
Dexol Industries  
1450 W. 228th Street  
Torrance, CA 90501

SEP - 1 1993

Dear Mr. Jackson:

Subject: Amendment - Change to "Caution" Formula  
Dexol Diazinon 25% Insect Spray  
EPA Reg. No. 192-145  
Your label submission dated August 20, 1993,  
and your CSF dated September 1, 1993

The amendment referred to above, submitted in connection with a registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable provided the following revisions are made prior to release for shipment under the amended labeling:

**CONTAINER LABEL:**

- 1) Add a front panel use site limitation to read "For outdoor use on the home lawn and home garden only."

[NOTE: The quotation marks that appear around text revisions specified in this letter should not appear on your finished label.]

**PAMPHLET LABEL:**

- 1) Add a front panel use site limitation to read "For outdoor use on the home lawn and home garden only."
- 2) In item "5" of "IMPORTANT", in the second paragraph under the heading "DIRECTIONS FOR USE", correct "green houses" to "greenhouses" (or "green-houses" if hyphenated, as on the "without a hose-end sprayer attachment" label).
- 3) On the pamphlet labels for both with and without a hose-end sprayer, for the crop "Cabbage" add the resistance limitation as follows to the "Timing/Special Directions" for use against the pests group including "Aphids" to "Dipterous Leafminers":

"NOTE: Resistant leafminers will not be controlled by diazinon or similar type insecticides."

A stamped copy of the label is enclosed for your records. As noted in the Agency's letter dated August 2, 1993 to all diazinon registrants, products containing 25% EC formulations of diazinon may not be released for shipment after August 31, 1993, and no pesticide product containing diazinon 25% EC formulation may be distributed or sold after August 31, 1994 unless the product bears the most recent EPA label (i.e., the product is based on the new CAUTION formula and bears the new CAUTION label).

The replacement Confidential Statement of Formula (CSF) dated September 1, 1993 is acceptable and has been added to this product's registration file.

**NOTE - The label and associated Confidential Statement of Formula accepted at this time supersede all previous labels and formula statements on file for this product.**

Sincerely,

George T. LaRocca  
Product Manager (15)  
Insecticide Rodenticide Branch  
Registration Division (H7505C)

3945

**[FRONT PANEL - CONTAINER LABEL]**

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

**DEXOL**

**DIAZINON 25%**

**INSECT SPRAY**

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated**

**SEP - 1 1993**

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

**192-145**

**Controls Insects on Home Lawns,  
Fruits & Nuts, Vegetables, Roses, Flowers,  
Trees & Shrubs**

**Controls Ants, Fleas, Brown Dog Ticks,  
Grubs, Mites, Chiggers, Sowbugs and Many Others**

**ACTIVE INGREDIENT:**

Diazinon: 0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl)  
phosphorothioate ..... 25.0%

**INERT INGREDIENTS\*:** ..... 75.0%

**TOTAL:** 100.0%

\*Contains aromatic petroleum distillates.

**KEEP OUT OF REACH OF CHILDREN**

**C A U T I O N**

**See back panel for additional precautionary statements**

**Net \_\_\_\_\_ (\_\_\_\_\_ ml)**

4945

**[BACK PANEL - CONTAINER LABEL]**

**SEE ATTACHED PAMPHLET FOR COMPLETE DIRECTIONS FOR USE**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye injury. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not use inside the home. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not allow children or pets to go onto a treated area until the treated area, such as grass or soil, has dried. Do not contaminate ornamental fish ponds. Food utensils such as teaspoons and measuring cups must not be used for food purposes after use in measuring pesticides.

**STATEMENT OF PRACTICAL TREATMENT**

**If swallowed:** Call a physician immediately. **DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE.** Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing. **If inhaled:** Remove victim to fresh air and apply artificial respiration if indicated. Get medical attention. **If on skin:** Wash promptly with soap and water. Rinse thoroughly. Get medical attention. **If in eyes:** Rinse eyes with plenty of water and call a physician immediately. **Note to Physician:** This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. This product contains aromatic petroleum distillates which may present an aspiration hazard. Gastric lavage may be indicated if product was taken internally.

**ENVIRONMENTAL HAZARDS**

This product is highly toxic to birds, fish and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. For lawns, where irrigation (watering) is recommended in the directions, or if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply at least 1/4 inch of water immediately after spraying this product; however, stop watering before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. 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 washwaters. 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.

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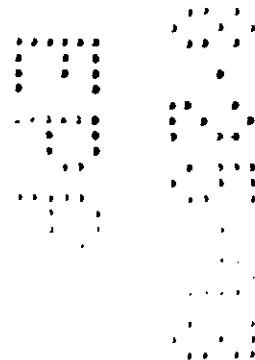
[BACK PANEL CONT'D - CONTAINER LABEL]

**PHYSICAL OR CHEMICAL HAZARDS**

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

**DEXOL INDUSTRIES**  
Torrance, CA 90501

**EPA Reg. No. 192-145**  
**EPA Est. No. 192-CA-1**



6945

[PAMPHLET LABEL - PAGE 1]

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

DEXOL

DIAZINON 25%

INSECT SPRAY

Controls Insects on Home Lawns,  
Fruits & Nuts, Vegetables, Roses, Flowers,  
Trees & Shrubs

Controls Ants, Fleas, Brown Dog Ticks,  
Grubs, Mites, Chiggers, Sowbugs and Many Others

ACTIVE INGREDIENT:

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

25.0%

INERT INGREDIENTS\*: .....

75.0%

TOTAL:

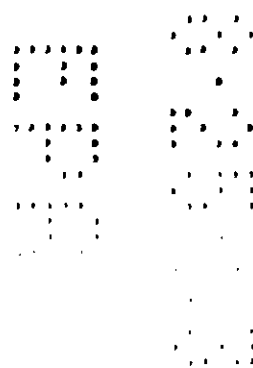
100.0%

\*Contains aromatic petroleum distillates.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional precautionary statements



7945

**[PAMPHLET LABEL - PAGE 2]**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye injury. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not use inside the home. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not allow children or pets to go onto a treated area until the treated area, such as grass or soil, has dried. Do not contaminate ornamental fish ponds. Food utensils such as teaspoons and measuring cups must not be used for food purposes after use in measuring pesticides.

**STATEMENT OF PRACTICAL TREATMENT**

**If swallowed:** Call a physician immediately. **DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE.** Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing. **If inhaled:** Remove victim to fresh air and apply artificial respiration if indicated. Get medical attention. **If on skin:** Wash promptly with soap and water. Rinse thoroughly. Get medical attention. **If in eyes:** Rinse eyes with plenty of water and call a physician immediately. **Note to Physician:** This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. This product contains aromatic petroleum distillates which may present an aspiration hazard. Gastric lavage may be indicated if product was taken internally.

**ENVIRONMENTAL HAZARDS**

This product is highly toxic to birds, fish and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. For lawns, where irrigation (watering) is recommended in the directions, or if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply at least 1/4 inch of water immediately after spraying this product; however, stop watering before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. 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 washwaters. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**PHYSICAL OR CHEMICAL HAZARDS**

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

**[PAMPHLET LABEL - PAGE 3]**

**[FOR PRODUCT PACKAGED "WITHOUT" A HOSE-END SPRAYER ATTACHMENT, THE FOLLOWING DIRECTIONS FOR USE LANGUAGE WILL BE USED]**

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY. FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, PLANT INJURY OR ILLEGAL RESIDUES. THIS PRODUCT IS FOR OUTDOOR USE ON HOME LAWN AND GARDEN AREAS ONLY.**

**DEXOL DIAZINON 25% INSECT SPRAY** is an emulsifiable concentrate product which must be diluted with water before application. Refer to the section "HOW TO MIX AND APPLY". This product kills many outdoor insects which damage lawns, roses, flowers, trees, shrubs, vegetables, fruits and nuts, and insects which annoy pets and people. This product contains Diazinon insecticide which provides positive control of many "hard-to-kill" sucking and chewing insects. **DEXOL DIAZINON 25% INSECT SPRAY** works fast and applications should be repeated only as directed to maintain control.

**IMPORTANT:** (1) USE CONTENTS OF THIS CONTAINER WITHIN 6 MONTHS AFTER OPENING. SEE STORAGE AND DISPOSAL DIRECTIONS. (2) DO NOT use in the home. (3) DO NOT use on ferns, poinsettia, hibiscus, papaya, pilea, gardenia or orchids since injury may occur. (4) Use this product on succulent peas and beans only. DO NOT use on dried pea or bean varieties. (5) DO NOT apply to food crops grown in green houses.

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

**HOW TO MIX AND APPLY**

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

**Step #2: Use clean sprayer.** Carefully measure and mix the amount of **DEXOL DIAZINON 25% INSECT SPRAY** and water as suggested in the rate chart.

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

See chart for complete list of use sites, crops, and insects controlled. **DO NOT** use this product on any site or crop not listed on this label. 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



**[PAMPHLET LABEL - PAGE 4]**

**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, i.e., 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.

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

Pests	Rate		Remarks
	Dexol Diazinon 25% Insect Spray	Water	
Lawn Chinch Bugs	1 1/2 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)	1 1/2 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.

[PAMPHLET LABEL - PAGE 5]

Brown Dog Ticks, Chiggers, Fleas	1 1/2 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 shrubby; particularly near house.
Hyperodes Weevil	1 1/2 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	1 1/2 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	1 1/2 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	1 1/2 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**

<p>Ants, Boxelder Bugs, Brown Dog Ticks, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders, Springtails (<i>Collembola</i>)</p>	<p>Mix 6 fl.oz. in 3 gals. of water and thoroughly spray window and door screens, sills, foundations, porch and patio walls, entranceways, walks, garbage cans, tree trunks, and into cracks and other places where insects can hide.</p> <p>To prevent entry into houses, spray a five-foot band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet. Repeat application as necessary.</p> <p>Do not treat animals with this product. Do not treat plants (other than tree trunks) at this nuisance pest rate.</p>
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[PAMPHLET LABEL - PAGE 6]

<p><b>Fire Ants</b></p>	<p>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. Large 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.</p> <p>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.</p>
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**INSECT CONTROL ON ORNAMENTAL TREES, SHRUBS AND FLOWERS**

Trees and Shrubs	Insects	Rate per 3 Gals. of Water	Timing/Special Directions
Arborvitae Azaleas, Birch Boxwood Camellias, Douglas Fir, Elm, Hawthorn, Holly Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental Plum, Poplar, Rhododendron, Spruce, Willow	Aphids, Bagworms, European Pine Shoot Moths, Holly Bud Moths, Dipterous Leafminers, (Arborvitae, Azalea, Birch Boxwood, Holly, Oak), Leafhoppers, Mealybugs, Mites (Clover, Cyclamen, European Red, Privet, Two-spotted Spider). Obscure Root Weevils, Omnivorous Leaf- tiers, Scale Crawlers (Cottony-cushion, Euonymus, Lecanium, Pine Needle, Pit, San Jose, Soft)	2 table- spoons	Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to penetrate dense foliage with spray.
	Webworms (Juniper, Mimosa),	2 table- spoons	Apply as a thorough foliar spray. Mimosa Webworms:

**[PAMPHLET LABEL - PAGE 7]**

	Whiteflies		apply as a thorough foliar spray when adults first appear. Make two additional applications at 4-5 week intervals.
	Apple-and-Thorn Skeletonizers, Hemlock Chermes, Oak Loopers, Obliquebanded Leafrollers, Pear Slugs, Tent Caterpillars, Webworms (Cotoneaster, Fall)	2 table- spoons	Apply as a thorough foliar spray.

Roses and Flowers	Insects	Rate per 3 Gals. of Water	Timing/Special Directions
Azaleas Camellias Chrysanthemums Carnations Gladioli, Lilac, Rhododendron, Roses	Aphids, Euonymus Scale Crawlers, Flea Beetles, Dipterous Leafminers, Leafhoppers, Mealybugs, Mites (Carnation Bud, Carnation Shoot, Cyclamen, Euro- pean Red, Two-spotted Spider), Thrips, Whiteflies	2 table- spoons	Apply as a thorough foliar spray. Try to spray under- side 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 crop, as well as, intervals between applications and total number of applications that can be made per season.

Crop	PHI*
Almonds	**

13 of 45

**[PAMPHLET LABEL - PAGE 8]**

Strawberries	5
Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	7
Apricots, Cherries, Nectarines, Peaches, Plums, Prunes	21
Grapes	28
Walnuts	45

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

\*\*Dormant spray only.

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

Crop	Pest	Rate	Timing/Special Directions
Almonds (CA only)	San Jose scale Pariatoria scale	2 tablespoons in 3 gals. of water	Apply only as a dormant spray. Do not apply more than 6 gallons per 500 sq.ft. of orchard. This product may be used on almonds only in CA. Do not use this product on almonds grown in other states.
Apricots	Aphids, Apricot Mealybug, Mites (Brown, Two-spotted Spider), Scale Crawlers (Olive, San Jose)	4 teaspoons in 2 gals. of water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq.ft. of orchard. Do not make more than 3 applications per season a minimum of 14 days apart. Do not apply within 21 days of harvest.
Cane-berries (CA, OR, WA only): Black-berries, Boysen-	Aphids, Leafhoppers, Raspberry Fruitworms, Two-spotted Spider Mites, Thrips	2 tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 5 gallons per 500 sq.ft. of field. Do not make more than 5 applications per season a minimum of

**[PAMPHLET LABEL - PAGE 9]**

berries, Dew-berries, Logan-berries, Rasp-berries			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)	4 teaspoons in 2 gals. of water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq.ft. of 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	4 1/2 teaspoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 3 gallons per 500 sq.ft. of vineyard. Do not make more than 5 applications per season a minimum of 7 days apart. Do not apply within 28 days of harvest.
Nectarines	Aphids, Mites (Brown, Two-spotted Spider), Scale Crawlers (Olive, San Jose)	4 teaspoons in 2 gals. of water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq.ft. of 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)	4 teaspoons in 2 gals. of water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq.ft. of orchard. Do not make

[PAMPHLET LABEL - PAGE 10]

			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)	4 teaspoons in 2 gals. of water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq.ft. of 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 tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 3 gallons per 500 sq.ft. of field. Do not make more than 3 applications per season a minimum of 7 days apart. Do not apply within 5 days of harvest.
Walnuts (CA only)	Aphids, Scale Crawlers (Walnut, Italian Pear, Frosted), Spider Mites, Twig Borers	2 tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 6 gallons per 500 sq.ft. of orchard. Do not make more than 3 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 CA. Do not use this product on walnuts grown in other states.

**[PAMPHLET LABEL - PAGE 11]**

**VEGETABLES**

For foliar or soil applications, DEXOL DIAZINON 25% 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 Interval (PHI\*) for Foliar Applications**

Crop	PHI* (Days)
Tomatoes	1
Cantaloupes, Casabas, Crenshaws, Honeydew Melons, Muskmelons, Squash(winter), Watermelons	3
Peppers	5
Beans <sup>1</sup> (succulent varieties only: Lima Pole and Snap), Broccoli, Cauliflower, Cucumbers, Peas <sup>1</sup> , Squash(summer), Sweet Corn	7
Chinese Broccoli, Chinese Cabbage, Collards, Kale	10
Carrots, Endive(Escarole), Lettuce, Onions(Bulb and Green), Parsnips, Radishes, Spinach, Turnip.(Roots and Tops)	14
Cabbage	21
Potatoes(Irish)	35

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

<sup>1</sup>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 treatment.

Crop	Pest	Rate	Timing/Special Directions
Beans, Lima, Pole and Snap	Aphids, Cucumber Beetles, Grasshoppers	2 tablespoons in 3 gals. of water to cover	Thoroughly spray all plant parts. Repeat application every 5



**[PAMPHLET LABEL - PAGE 12]**

(succulent varieties only)

Leafhoppers, Mexican Bean Beetles, Spider Mites	1,000 sq.ft. of garden	days up to 3 applications per season. Do not apply within 7 days of harvest.
Cutworms (surface, subterranean)	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
Mole Crickets	2 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
Wireworms (snap beans only)	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water.	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.

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

Beets, Red (Table)

Cutworms (surface, subterranean)	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gal. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
Mole Crickets	2 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water.	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.

Broccoli

Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	2 'ablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applica-tions per season. Do not apply within 7 days of harvest. . . . NOTE: Resistant Leaf-miners will not be con-
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[PAMPHLET LABEL - PAGE 13]

			trolled by diazinon or similar type insecticides.
Cabbage	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applica- tions per season. Do not apply within 21 days of harvest.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for sur- face cutworms, 3-6 inches for subterra- nean cutworms.
	Root Maggots	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water.	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches.
	Wireworms	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water.	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.
Carrots	Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applica- tions per season. Do not apply within 14 days of harvest. NOTE: Resistant Leaf- miners will not be con- trolled by diazinon or similar type insect- icides.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for sur- face cutworms, 3-6 inches for subterra- nean cutworms.

19 9 45

[PAMPHLET LABEL - PAGE 14]

	Mole Crickets	2 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water.	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.
Cauliflower	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 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	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest. 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	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest. NOTE: Resistant leafminers will not be controlled by diazinon or similar type insecticides.

**[PAMPHLET LABEL - PAGE 15]**

<p><b>Collards</b></p>	<p>Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers</p>	<p>2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden</p>	<p>Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 10 days of harvest NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.</p>
<p><b>Cucumbers</b></p>	<p>Aphids, Thrips, Spider Mites</p>	<p>2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden</p>	<p>Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applica- tions per season. Do not apply within 7 days of harvest.</p>
<p><b>Endive (Escarole)</b></p>	<p>Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers Spider Mites</p>	<p>2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of of garden</p>	<p>Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applica- tions per season. Do not apply within 14 days of harvest. NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.</p>
<p><b>Kale</b></p>	<p>Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers</p>	<p>2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden</p>	<p>Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica- tions per season. Do not apply within 10 days of harvest NOTE: Resistant leaf- miners will not be con- trolled by diazinon or similar type insecti- cides.</p>
<p><b>Lettuce</b></p>	<p>Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers, Spider Mites,</p>	<p>2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden</p>	<p>Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applica- tions per season. Do</p>

[PAMPHLET LABEL - PAGE 16]

			not apply within 14 days of harvest. NOTE: Resistant leaf-miners will not be controlled by diazinon or similar type insecticides.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Wireworms	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water.	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persians, and hybrids of these) and Watermelons	Aphids, Thrips, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden.	Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applications per season. Do not apply within 3 days of harvest.
Onions (Bulb and Green)	Onion Thrips	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applications per season. Do not apply within 14 days of harvest.
Parsnips	Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applications per season. Do not apply within 14 days of harvest. NOTE: Resistant leaf-miners will not be controlled by diazinon or

**[PAMPHLET LABEL - PAGE 17]**

			or similar type insecticide.
Peas (succulent only)	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat applications every 5 days up to 3 applications per season. Allow at least 7 days between the last application and harvest.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Mole Crickets	2 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water.	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.
NOTES:(1) Do not apply this product to dried pea varieties such as split peas 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, Flea Beetles, Leafhoppers, Colorado Potato Beetles	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 5 days of harvest.
Potatoes	Aphids, Flea Beetles, Leafhoppers, Colorado Potato Beetles, Southern Armyworms Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 35 days of harvest.

23 45

**[PAMPHLET LABEL - PAGE 18]**

			NOTE: Resistant leaf-miners will not be controlled by diazinon or similar type insecticides.
Radishes	Aphids, Flea Beetles, Leafhoppers, Imported Cabbageworms, Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 3 applications per season. Do not apply within 14 days of harvest NOTE: Resistant leaf-miners will not be controlled by diazinon or similar type insecticide.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
Spinach	Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 14 days of harvest. NOTE: Resistant leaf-miners will not be controlled by diazinon or similar type insecticides.
Squash, Summer	Aphids, Thrips, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 7 days of harvest.
Squash, Winter	Aphids, Thrips, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applica-

**[PAMPHLET LABEL - PAGE 19]**

		garden	tions per season. Do not apply within 3 days of harvest.
Sweet Corn	Aphids, Thrips, Flea Beetles, Grasshoppers, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Corn may be picked 7 days following last application.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Mole Crickets	2 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.
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 spp.</i> )	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applications per season. Do not apply within 1 day of harvest.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water.	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterra-



**[PAMPHLET LABEL - PAGE 20]**

			near cutworms.
	Wireworms	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.
Turnips and Turnip Tops	Aphids, Flea Beetles, Leafhoppers Imported Cabbageworms, Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq.ft. of garden	Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applications per season. Do not apply within 14 days of harvest. NOTE: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq.ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

**STORAGE & DISPOSAL**

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

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

**CONDITIONS OF SALE & WARRANTY**

THE DIRECTIONS FOR USE OF THIS PRODUCT REFLECT THE OPINION OF EXPERTS BASED OF 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 DEXOL INDUSTRIES OR THE SELLER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

DEXOL INDUSTRIES 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. DEXOL INDUSTRIES MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL DEXOL INDUSTRIES OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. DEXOL INDUSTRIES AND THE SELLER OFFER THIS PRODUCT, AND THE BUYER AND USER

**[PAMPHLET LABEL - PAGE 21]**

ACCEPT IT, SUBJECT TO THE FOREGOING CONDITIONS OF SALE & WARRANTY, WHICH MAY BE VARIED ONLY BY AGREEMENT IN WRITING SIGNED BY A DULY AUTHORIZED REPRESENTATIVE OF DEXOL INDUSTRIES.

**[FOR PRODUCT PACKAGED "WITH" A HOSE-END SPRAYER ATTACHMENT, THE FOLLOWING DIRECTIONS FOR USE LANGUAGE WILL BE USED]**

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY. FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, PLANT INJURY OR ILLEGAL RESIDUES. THIS PRODUCT IS FOR OUTDOOR USE ON HOME LAWN AND GARDEN AREAS ONLY.**

DEXOL DIAZINON 25% INSECT SPRAY is an emulsifiable concentrate product which must be diluted with water before application. Refer to the section "HOW TO 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. This product contains Diazinon insecticide which provides positive control of many "hard-to-kill" sucking and chewing insects. DEXOL DIAZINON 25% INSECT SPRAY works fast and applications should be repeated only as directed to maintain control.

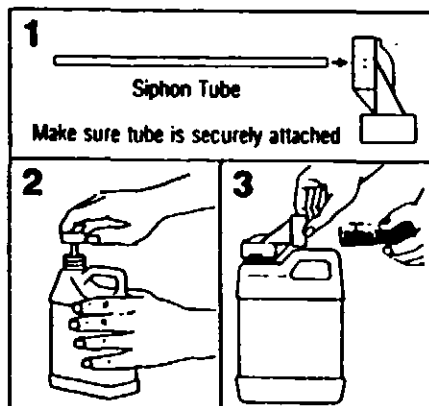
**IMPORTANT:** (1) USE CONTENTS OF THIS CONTAINER WITHIN 6 MONTHS AFTER OPENING. SEE STORAGE AND DISPOSAL DIRECTIONS. (2) DO NOT use in the home. (3) DO NOT use on ferns, poinsettia, hibiscus, papaya, pilea, gardenia or orchids since injury may occur. (4) Use this product on succulent peas and beans only. DO NOT use on dried pea or bean varieties. (5) DO NOT apply to food crops grown in green houses.

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

**HOW TO APPLY**

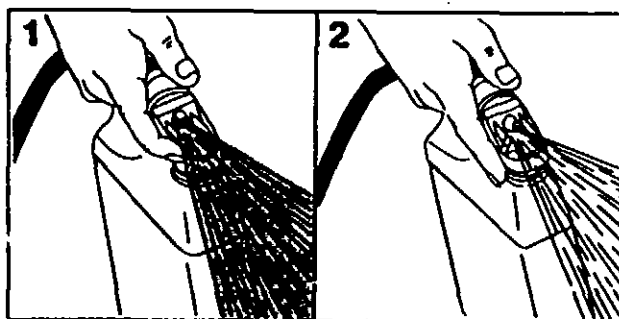
**Determine the size of the spraying job:** For lawns, fruit, nuts and vegetables, measure the area to be sprayed. For all other applications, apply as a thorough cover spray. Make applications when insects first appear. Applications should be repeated only as directed to maintain control. Spray as directed in the rate chart. Thorough coverage is important.

**Hose-end Sprayer Attachment Instructions:** 1) Attach siphonage tube to hose-end sprayer attachment. 2) Remove cap and foil liner from bottle and insert sprayer attachment. Securely tighten sprayer attachment on bottle. 3) Screw hose into hose-end sprayer attachment.

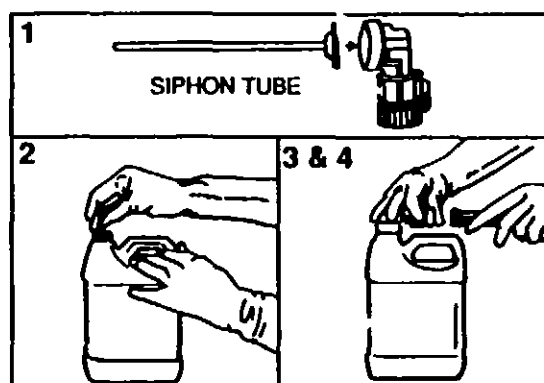


**[PAMPHLET LABEL - PAGE 22]**

**Spraying Instructions:** The hose-end sprayer attachment is precalibrated to deliver 2 teaspoons per 1 gal. of water. 1) Turn water on. TO START FLOW OF INSECTICIDE, place finger over hose on top right side of spray attachment. Hold about 3 feet above area to be treated moving at a steady pace to ensure consistent coverage. 2) TO STOP FLOW OF INSECTICIDE, remove finger from hole to stop siphon action. NOTE: To ensure adequate coverage, use moderate to high water pressure when applying.

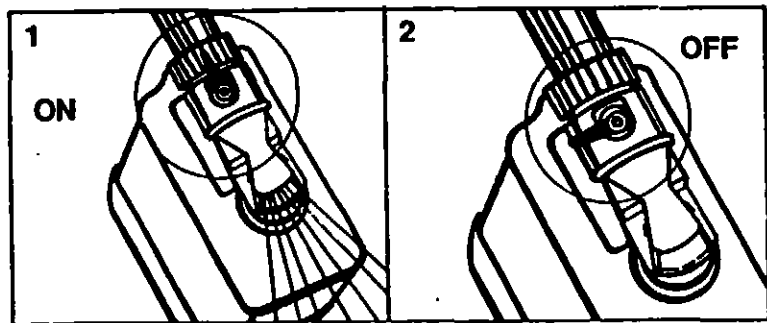
**[ALTERNATE INSTRUCTIONS FOR HOSE-END SPRAYER ATTACHMENT WITH ON/OFF VALVE]**

**Hose-End Sprayer Attachment Instructions:** 1) Remove cap and foil liner from bottle. 2) Place siphonage tube into bottle. 3) Turn sprayer off by turning on/off valve 1/4 turn. Securely tighten sprayer attachment on bottle. 4) Screw hose into hose-end sprayer attachment.



**[PAMPHLET LABEL - PAGE 23]**

**Spraying Instructions:** The hose-end sprayer attachment is precalibrated to deliver 2 teaspoons per 1 gal. of water. 1) Turn on water. TO START FLOW OF PRODUCT, turn sprayer attachment on. Product will automatically be diluted at proper ratio. Hold about 3 feet above area to be treated moving at a steady pace to ensure consistent coverage. When applying, hold by placing spray attachment in palm of hand and securely hold container handle below sprayer attachment with fingers. 2) TO STOP FLOW OF PRODUCT, turn sprayer attachment off. NOTE: To ensure adequate coverage, use moderate to high water pressure when applying.



See chart for complete list of use sites, crops, and insects controlled. DO NOT use this product on any site or crop not listed on this label. Use the rate given in the chart for the type of insect you want to control on the site or crop you are spraying.

**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, i.e., 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.*

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

Pests	Rate	Remarks
	Dexoi Diazinon 25% Insect Spray	
Lawn Chinch Bugs	8 fl.oz. to cover 1,333 sq.ft. or 1 pint to cover 2,666 sq.ft. (1 quart to cover 5,332 sq.ft.)	Thoroughly we down grass a few hours before applying.

[PAMPHLET LABEL - PAGE 24]

		<p>In the North, If Chinch Bugs are the only problem, a lower rate of application can be used: 8 fl.oz. to cover 2,000 sq.ft. or 1 pint to cover 4,000 sq.ft. (1 quart to cover 8,000 sq.ft.)</p>
<p>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)</p>	<p>8 fl.oz. to cover 1,333 sq.ft. or 1 pint to cover 2,666 sq.ft. (1 quart to cover 5,332 sq.ft.)</p>	<p>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.</p>
<p>Brown Dog Ticks, Chiggers, Fleas</p>	<p>8 fl.oz. to cover 1,333 sq.ft. or 1 pint to cover 2,666 sq.ft. (1 quart to cover 5,332 sq.ft.)</p>	<p>NOTE: Do not apply this product to animals. For brown dog ticks, spray grass and under shrubbery; particularly near house.</p>
<p>Hyperodes Weevil</p>	<p>8 fl.oz. to cover 1,333 sq.ft. or 1 pint to cover 2,666 sq.ft. (1 quart to cover 5,332 sq.ft.)</p>	<p>Treat problem areas in mid-April and again in mid-May. Water grass thoroughly after application.</p>
<p>Millipedes</p>	<p>8 fl.oz. to cover 1,333 sq.ft. or 1 pint to cover 2,666 sq.ft. (1 quart to cover 5,332 sq.ft.)</p>	<p>Thoroughly wet grass a few hours before applying.</p>
<p>Rhodesgrass Scales</p>	<p>8 fl.oz. to cover 1,333 sq.ft. or 1 pint to cover 2,666 sq.ft. (1 quart to cover 5,332 sq.ft.)</p>	<p>Apply when crawlers first emerge.</p>

[PAMPHLET LABEL - PAGE 25]

<p>White Grubs of Japanese Beetle, European Chafer, Southern Chafer</p>	<p>8 fl.oz. to cover 1,333 sq.ft. or 1 pint to cover 2,666 sq.ft (1 quart to cover 5,332 sq.ft.)</p>	<p>Apply any time between late July and early October. Water grass thoroughly after application</p>
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**INSECT CONTROL ON ORNAMENTAL TREES, SHRUBS AND FLOWERS**

Trees and Shrubs	Insects	Timing/Special Directions
<p>Arborvitae Azaleas, Birch Boxwood Camellias, Douglas Fir, Elm, Hawthorn, Holly Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental Plum, Poplar, Rhododendron, Spruce, Willow</p>	<p>Aphids, Bagworms, European Pine Shoot Moths, Holly Bud Moths, Dipterous Leafminers, (Arborvitae, Azalea, Birch Boxwood, Holly, Oak), Leafhoppers, Mealybugs, Mites (Clover, Cyclamen, European Red, Privet, Two-spotted Spider). Obscure Root Weevils, Omnivorous Leaf- tiers, Scale Crawlers (Cottoncushion, Euonymus, Lecanium, Pine Needle, Pit, San Jose, Soft)</p>	<p>Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to penetrate dense foliage with spray.</p>
	<p>Webworms (Juniper, Mimosa), Whiteflies</p>	<p>Apply as a thorough foliar spray. Mimosa Webworms: apply as a thorough foliar spray when adults first appear. Make two additional applications at 4-5 week intervals.</p>
	<p>Apple-and-Thorn Skeletonizers, Hemlock Chermes, Oak Loopers, Obliquebanded Leafrollers, Pear Slugs,</p>	<p>Apply as a thorough foliar spray.</p>

[PAMPHLET LABEL - PAGE 26]

	Tent Caterpillars, Webworms (Cotoneaster, Fall)	
<b>Roses and Flowers</b>	<b>Insects</b>	<b>Timing/Special Directions</b>
Azaleas Camellias Chrysanthemums Carnations Gladioli, Lilac, Rhododendron, Roses	Aphids, Euonymus Scale Crawlers, Flea Beetles, Dipterous Leafminers, Leafhoppers, Mealybugs, Mites (Carnation Bud, Carnation Shoot, Cyclamen, Euro- pean Red, Two-spotted Spider), Thrips, Whiteflies	Apply as a thorough foliar spray. Try to spray under- side 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 crop, as well as, intervals between applications and total number of applications that can be made per season.

Crop	PHI*
Almonds	**
Strawberries	5
Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	7
Apricots, Cherries, Nectarines, Peaches, Plums, Prunes	21
Grapes	28
Walnuts	45

**[PAMPHLET LABEL - PAGE 27]**

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

\*\*Dormant spray only.

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

Crop	Pest	Rate	Timing/Special Directions
Almonds (CA only)	San Jose scale Pariatoria scale	8 fl.oz. to cover 2,000 sq.ft. or 1 pint to cover 4,000 sq.ft. (1 quart to cover 8,000 sq.ft.)	Apply only as a dormant spray. This product may be used on almonds only in CA. Do not use this product on almonds grown in other states.
Apricots	Aphids, Apricot Mealybug, Mites (Brown, Two-spotted Spider), Scale Crawlers (Olive, San Jose)	8 fl.oz. to cover 3,000 sq.ft. or 1 pint to cover 6,000 sq.ft. (1 quart to cover 12,000 sq.ft.)	Apply as a full cover spray. Do not make more than 3 applications per season a minimum of 14 days apart. Do not apply within 21 days of harvest.
Cane-berries (CA, OR, WA only): Black-berries, Boysen-berries, Dew-berries, Logan-berries, Rasp-berries	Aphids, Leafhoppers, Raspberry Fruitworms, Two-spotted Spider Mites, Thrips	8 fl.oz. to cover 2,400 sq.ft. or 1 pint to cover 4,800 sq.ft. (1 quart to cover 9,600 sq.ft.)	Apply as a full cover spray. 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 cane-berries only in CA, OR and WA. Do not use this product on cane-berries grown in other states.
Cherries	Black Cherry Aphids, Cherry Fruitflies, Cherry Fruitworms (Maggots), Fruittree Leafrollers, Mites (Cherry Rust), Scale Crawlers (San Jose)	8 fl.oz. to cover 3,000 sq.ft. or 1 pint to cover 6,000 sq.ft. (1 quart to cover 12,000 sq.ft.)	Apply as a full cover spray. Do not make more than 3 applications per season a minimum of 7 days apart. Do not apply within 21 days of harvest.



[PAMPHLET LABEL - PAGE 28]

Grapes	Aphids, Leafhoppers, Grape Berry Moths, Grape Leafrollers	8 fl.oz. to cover 5,333 sq.ft. or 1 pint to cover 10,666 sq.ft. (1 quart to cover 21,332 sq.ft.)	Apply as a full cover spray. Do not make more than 5 applica- tions per season a minimum of 7 days apart. Do not apply within 28 days of harvest.
Nectarines	Aphids, Mites (Brown, Two-spotted Spider), Scale Crawlers (Olive, San Jose)	8 fl.oz. to cover 3,000 sq.ft. or 1 pint to cover 6,000 sq.ft. (1 quart to cover 12,000 sq.ft.)	Apply as a full cover spray. Do not make more than 3 applica- tions 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)	8 fl.oz. to cover 3,000 sq.ft. or 1 pint to cover 6,000 sq.ft. (1 quart to cover 12,000 sq.ft.)	Apply as a full cover spray. Do not make more than 3 applica- tions 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)	8 fl.oz. to cover 3,000 sq.ft. or 1 pint to cover 6,000 sq.ft. (1 quart to cover 12,000 sq.ft.)	Apply as a full cover spray. Do not make more than 3 applica- tions per season a minimum of 7 days apart. Do not apply within 21 days of harvest.
Strawberries	Aphids, Two-spotted Spider Mites, Strawberry Leafrollers	8 fl.oz. to cover 4,000 sq.ft. or 1 pint to cover 8,000 sq.ft. (1 quart to cover 16,000 sq.ft.)	Apply as a full cover spray. Do not make more than 3 applica- tions 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	8 fl.oz. to cover 2,000 sq.ft. or 1 pint to cover 4,000 sq.ft. (1 quart to cover 8,000 sq.ft.)	Apply as a full cover spray. Do not make more than 3 applica- tions per season 14 days apart. Do not apply after husks open

[PAMPHLET LABEL - PAGE 29]

		sq.ft.	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, DEXOL DIAZINON 25% INSECT SPRAY should be applied in to provide thorough coverage of foliage or soil. Observe stated time intervals between last application and harvest as well as intervals between applications and maximum numbers of applications per season. Do not apply to food crops grown in greenhouses.

**Pre-Harvest Interval (PHI\*) for Foliar Applications**

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

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

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

**[PAMPHLET LABEL - PAGE 30]**

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

Crop	Pest	Rate	Timing/Special Directions
Beans, Lima, Pole and Snap (succulent varieties only)	Aphids, Cucumber Beetles, Grasshoppers Leafhoppers, Mexican Bean Beetles, Spider Mites	8 fl.oz. to cover 8,000 sq. ft. or 1 pint to cover 16,000 sq. ft. (1 quart to cover 32,000 sq. ft.)	Thoroughly spray all plant parts. Repeat application every 5 days up to 3 applica- tions per season. Do not apply within 7 days of harvest.
	Cutworms (surface, subterranean)	8 fl.oz. to cover 1,333 sq. ft. or 1 pint to cover 2,666 sq. ft. (1 quart to cover 5,332 sq. ft.)	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for sur- face cutworms, 3-6 inches for subterra- nean cutworms.
	Mole Crickets	8 fl.oz. to cover 4,000 sq. ft. or 1 pint to cover 8,000 sq. ft. (1 quart to cover 16,000 sq. ft.)	Broadcast to the soil 1-2 days before plant- ing. Immediately work into soil 1-2 inches.
	Wireworms (snap beans only)	8 fl.oz. to cover 1,333 sq. ft. or 1 pint to cover 2,666 sq. ft. (1 quart to cover 5,332 sq. ft.)	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.
<b>NOTES: (1) Do not apply this product to dried bean varieties such as pinto beans or dried limas. (2) To protect bees, do not make bean foliage treatments if the beans or weeds in the treatment area are in bloom.</b>			
Beets, Red (Table)	Cutworms (surface, subterranean)	8 fl.oz. to cover 1,333 sq. ft. or 1 pint to cover 2,666 sq. ft. (1 quart to cover 5,332 sq. ft.)	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for sur- face cutworms, 3-6 inches for subterra- nean cutworms.

**[PAMPHLET LABEL - PAGE 31]**

	Mole Crickets	8 fl.oz. to cover 4,000 sq. ft. or 1 pint to cover 8,000 sq. ft. (1 quart to cover 16,000 sq. ft.)	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
Broccoli	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	8 fl.oz. to cover 8,000 sq. ft. or 1 pint to cover 16,000 sq. ft. (1 quart to cover 32,000 sq. ft.)	Thoroughly spray all plant parts. Repeat applications 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	8 fl.oz. to cover 8,000 sq. ft. or 1 pint to cover 16,000 sq. ft. (1 quart to cover 32,000 sq. ft.)	Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applications per season. Do not apply within 21 days of harvest.
	Cutworms (surface, subterranean)	8 fl.oz. to cover 1,333 sq. ft. or 1 pint to cover 2,666 sq. ft. (1 quart to cover 5,332 sq. ft.)	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Root Maggots	8 fl.oz. to cover 1,333 sq. ft. or 1 pint to cover 2,666 sq. ft. (1 quart to cover 5,332 sq. ft.)	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches.
	Wireworms	8 fl.oz. to cover 1,333 sq. ft. or 1 pint to cover 2,666 sq. ft. (1 quart to cover 5,332 sq. ft.)	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches.