

THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS.



# DIAZINON 25

## LAWN & GARDEN

Reviewed. For use on lawns and gardens.

**ACTIVE INGREDIENTS:**

Diazinon [O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl phosphorothioate)]	25.00%
INERT INGREDIENTS	75.00%
<b>TOTAL</b>	<b>100.00%</b>

\* This product contains xylene range aromatics.

### KEEP OUT OF REACH OF CHILDREN

## WARNING

See Below For Additional Precautionary Statements

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EPA EST. NO. \_\_\_\_\_

NET CONTENTS \_\_\_\_\_ GALLONS

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### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## WARNING

May be fatal if swallowed, inhaled, or absorbed through skin. Wash thoroughly with soap and water if on skin and after handling and before eating, drinking or using tobacco. Avoid breathing spray mist. Avoid contact with eyes and skin. Wear protective clothing and rubber gloves. Remove contaminated clothing and wash before reuse. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not permit children or pets to go onto sprayed grass until the spray has completely dried. Do not use in the home. Do not contaminate ornamental fish ponds.

**STATEMENT OF PRACTICAL TREATMENT**

If swallowed, call a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia. If inhaled, remove victim to fresh air and apply artificial respiration if indicated. If on skin, wash promptly with soap and water. Rinse thoroughly. If in eyes, rinse eyes with water and call a physician immediately. NOTE TO PHYSICIAN: Solvent presents aspiration hazard if taken internally. Gastric lavage is indicated. Product contains an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds, and other wildlife. Shrimp and crabs may be killed at application rates. Birds feeding on treated areas may be killed. Do not apply directly to water. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

This pesticide is highly toxic to bees exposed to direct treatment or in residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

**PHYSICAL OR CHEMICAL HAZARDS**

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

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

**STORAGE:** Store in original container only, preferably in a locked area. Keep container tightly closed when not in use. Store in a cool, dry place. Do not use food or drink containers for mixing or storage.  
**PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.  
**CONTAINER DISPOSAL:** Do not reuse container. Wrap container in several layers of newspaper and put in trash.

Kills many outdoor insects which destroy lawns, roses, flowers, trees and shrubs, or annoy pets and people. (Refer to label directions for specific insects controlled.) Contains DIAZINON insecticide which provides positive control of many "hard-to-kill" sucking and chewing insects.

**PROTECTS**

Lawns  
Vegetables  
Fruits & Nuts  
Roses  
Flowers  
Trees  
Shrubs

**CONTROLS**

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

**HOW TO MIX AND APPLY**

**Step 1:** Determine size of spraying job. For lawns and vegetables, measure area to be sprayed. For all other applications, apply as a thorough cover spray. Make applications when insects first appear. Repeat applications as needed or as noted in the rate chart.

**Step 2:** Use clean sprayer. Carefully measure and mix the amount of this product and water as suggested in the rate chart. **Step 3:** Spray as directed in rate chart. Use coarse drenching sprays for lawns, soil, and other surface applications. Use medium fine mist sprays for trees and plants. Thorough coverage is important. Flush sprayer with clean water after each use.

Use contents within 5 months after opening.

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

1 fl. oz. = 6 teaspoons or 2 tablespoons

8 fl. oz. = 1/2 pint or 1 cup.

1 fl. oz. in 3 gallons of water = 2 teaspoons in 1 gallon of water or 8 fl. oz. in 24 gallons.

Note: Do not use on ferns, poinsettias, hibiscus, papayas, peonies, gardenias or orchids since injury may occur.

**DIRECTIONS FOR APPLYING****Problem Areas****LAWNS**

Bent, Bermuda, Bluegrass, Dichondra, Fescue, Marion, St. Augustine

**Pests — Rates and Directions**

Ants, Armyworms, Bermudagrass Thrips, Brown Dog Ticks\*, Chinch Bugs, Crickets, Cutworms, Earwig Fleas, Fire Ants, Flea Beetles, Grubs, Mites, Sod Webworms, Leafhoppers, Mites (Bermuda, Clover), Sowbugs (Pillbugs), Springtails (Collembola).

1 fl. oz. in 3 gals. of water covers 125 sq. ft.

8 fl. oz. in 24 gals. of water covers 1,000 sq. ft.

Thoroughly wet down grass a few hours before applying.

\*Brown Dog Ticks: Do not apply to animals. In particular, spray under shrubbery and the grass next to house.

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**\*\*Lawn Billbugs:** Water the lawn thoroughly immediately after treatment.

†In the North if Chinch Bugs are the only lawn insect problem, a lower rate of application can be used: 1/2 fl. oz. in 3 gals. of water covers 125 sq. ft.

## Millipedes

2 fl. oz. in 3 gals. of water covers 125 sq. ft. Thoroughly wet grass a few hours before applying.

## Rhodesgrass Scales

1 fl. oz. in 3 gals. of water covers 100 sq. ft. Apply when Scale Crawlers first emerge.

## Ants, Digger Wasps\*

1 fl. oz. in 3 gals. of water covers 125 sq. ft. Spot spray ant hills and wasp ground nest openings.

\*Make the application at dusk when the wasps are not active.

**Billbugs\*, White Grubs\*\*** of Japanese Beetle, European Chafer, Southern Chafer 1 fl. oz. in 3 gals. of water covers 125 sq. ft. Water grass thoroughly after application.

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

\*\*Grub control: Make application any time between late July and early October.

**Hyperodes Weevil (New York Only)** 3/4 fl. oz. in 3 gals. of water covers 125 sq. ft. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

## Fire Ants

To aid in the control of fire ants in lawns and other recreational areas, apply 1 fl. oz. (2 tbsp.) 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. 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.

## FRUITS\* & 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. If infestations warrant, repeat applications at 7 to 10-day intervals.

**Almonds, Filberts, Pecans, Walnuts** Aphids, Nut Casemakers (pecans), Scale Crawlers, Spider Mites.

1/2 fl. oz. in 3 gals. of water. Apply as a full cover spray. Do not apply after husks open or split.

**Apples, Pears**

Aphids, Coddling Moths, Eyespotted Bud Moth, Fruit Tree Leafrollers, Leafhoppers, Tentiform Leafminers (pears), Maggots (apple), Mealybugs, Mites (European Red, Clover (brown), Pacific, Two-spotted Spider), Psylla (pears), Scale Crawl-

ers (Cottoncushion, San Jose, Forbes, Soft) 1 fl. oz. in 3 gals. of water. Apply as a full cover spray. On apples, slight russetting may occur on some varieties such as Golden Delicious.

**Apricots, Peaches, Nectarines**

Aphids, Apricot Mealybugs (apricot), Mites (Clover (brown), Two-spotted Spider), Scale Crawlers (Olive, San Jose). 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.

**Cherries**

Black Cherry Aphids, Cherry Fruitflies, Cherry Fruitworms (Maggots), Fruit Tree Leafrollers, Mites (Cherry Rust), Scale Crawlers (San Jose). 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.

**Figs**

Dried Fruit beetles, Vinegar Flies (*Drosophila* spp.) 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.

**Plums, Prunes**

Aphids (Leafcurl Plum, Mealy Plum, Thistle), Mites (Clover (brown), European Red). 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.

**Caneberries (blackberries, boysenberries, dewberries, loganberries, raspberries)**

Aphids, Leafhoppers, Raspberry Sawflies, Raspberry Fruitworms, Two-spotted Mites, Thrips. 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.

**Blueberries**

Aphids, Blueberry Maggots, Cranberry Fruitworms, Cherry Fruitworms, Two-spotted Mites, Thrips. 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.

**Strawberries**

Aphids, Two-spotted Mites, Strawberry Leafrollers. 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.

**Grapes**

Aphids, Grape Berry Moths, Grape Leafrollers, Leafhoppers, Scale Crawlers. 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.

**Grapefruit, Lemons, Oranges**

Citrus Thrips, Scale crawlers (Citrus Snow, Cottoncushion). 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.

\*\*2 fl. oz. in 3 gals. of water. Apply as a full cover spray after blooming and again in the summer. Thorough spray coverage of tree trunk, limbs, and twigs is essential.

\*After spraying, do not pick fruit within:

5 days - Strawberries, Figs

7 days - Blueberries, Caneberries

10 days - Apricots, Cherries, Grapes, Nectarines, Plums, Prunes

14 days - Apples, Pears

21 days - Grapefruit, Lemons, Oranges, Peaches

## VEGETABLES\*

### Foliar Application

Thoroughly spray all plant parts. Generally, applications at 7 to 10-day intervals may be required. Do not feed (water) vines to livestock.

**Beans, Peas**

Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Mites. 1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.

**Broccoli, Cabbage, Cauliflower, Collards, Kale, Radishes, Turnips**

Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers. 1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.

**Carrots, Celery, Endive, Lettuce, Parsnips, Spinach**

Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers, Mites. 1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.

**Cantaloupes, Cucumbers, Melons, Squash (summer, winter), Watermelons**

Aphids, Thrips, Mites. 1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.

**Peppers, Potatoes, Tomatoes**

Aphids, Colorado Potato Beetles, Fall Armyworms (tomato), Flea Beetles, Leafhoppers, Southern Armyworms (potato and tomato), Vinegar Flies (*Drosophila* spp. (tomato)). 1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.

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Onions	Onion Thrips. 1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Sweet Corn *See footnote to vegetables.	Aphids, Flea Beetles, Grasshoppers, Mites. 1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
<b>VEGETABLES:</b> Cabbage, Carrots, Corn, Lettuce, Peas, Pole Beans, Radishes, Red Beets, Snap Beans, Tomatoes, Turnips	<p><b>Preplant Soil Application</b> Cutworms (Surface, Subterranean) 6 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage. Apply broadcast just before planting. Immediately work into soil 2-3 inches for Surface Cutworms, 3-6 inches for Subterranean Cutworms.</p> <p>Garden Symphylans (Garden Centipedes). 15 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage. Apply broadcast just before planting. Immediately work into soil 4-8 inches.</p> <p>Mole Crickets: Carrots, Corn, Peas, Pole Beans, Red Beets and Snap Beans only. 1.5 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage. Apply broadcast just before planting. Apply 1-2 days before sowing or transplanting. Immediately work into soil 1-2 inches.</p> <p>Root Maggots: Cabbage Only. 4.5 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage. Apply broadcast just before planting. Immediately work into soil 3-4 inches before seeding, either in seed bed or in field or before transplanting.</p> <p>Wireworms: Cabbage, Carrots, Corn, Lettuce, Peas, Snap Beans, and Tomatoes Only. 6 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage. Apply broadcast just before planting. Immediately work into soil 4-8 inches.</p>

\*After spraying, do not pick vegetables within:

- 1 day - Peas, Tomatoes, Sweet Corn
- 3 days - Cantaloupes, Muskmelons, Winter Squash, Watermelons
- 5 days - Broccoli, Cauliflower, Peppers
- 7 days - Beans, Cabbage, Cucumbers, Summer Squash
- 10 days - Carrots, Celery, Collards, Endive, Kale, Lettuce, Onions, Parsnips, Radishes, Spinach, Turnips
- 35 days - Potatoes

Nuisance Pests in Outside Areas	<p>Ants†, Boxelder Bugs, Brown Dog Ticks†, Chiggers†, Clover Mites†, Cockroaches, Crickets†, Earwigs†, Fleas†, Flies†, Millipedes†, Sowbugs (Pillbugs)†, Spiders, Springtails (Collembola)†. 8 fl. oz. in 3 gals. of water.</p> <p>Thoroughly spray window and door screens, sills, foundations, porch and patio walls and ceilings, entranceways, walks, garbage cans, tree trunks and into cracks and other places where insects can hide. Do not treat plants or animals.</p> <p>*Spray at 5 ft. band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 ft.</p> <p>†See lawn recommendations for other control measures for these pests.</p> <p>Fire Ants: See lawn recommendations for rates and directions.</p>
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### TREES & SHRUBS

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

Wet leaves and branches to the dripping point. Try to penetrate dense foliage.

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, Twospotted Spider), Oblique Root Weevils, Omnivorous Leafhoppers, Scale Crawlers, (Cottony cushion), Euonymus, Lecanium, Pine Needle, Pitt Scale, San Jose, Soft). 1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

Webworms (Juniper, Mimosa\*), Whiteflies. 1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

\*Mimosa Webworms: Apply as a thorough foliar spray when adults first appear. Make two additional applications at 4-5 week intervals.

Apple-and-Thorns Skeletonizers, Hemlock Chermes, Oak Loopers, Obliquebanded Leafrollers, Pear Slugs, Tent Caterpillars, Webworms (Cotoneaster, Fall). 3 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

### ROSES & FLOWERS

Azaleas, Camellias, Chrysanthemums, Carnations, Gladioli, Lilac, Rhododendron, Roses

Wet the plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage.

Aphids, Euonymus Scale Crawlers, Flea Beetles, Dipterous Leafminers, Leafhoppers, Mealybugs, Mites, (Carnation Bud, Carnation Shoot, Cyclamen, European Red, Twospotted Spider), Thrips, Whiteflies, 1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

### WARRANTY

1. The manufacturer guarantees and warrants (a) that the active ingredient content and the total net weight are as stated within the lawful limits and (b) that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states. 2. The manufacturer further warrants that the material herein is reasonably fit for use under normal conditions as directed hereon. The manufacturer neither makes nor authorizes any agent or representative to make any other warranties of FITNESS OR MERCHANTABILITY, guarantee or representation, express or implied, concerning this material. This product is sold only on the basis that buyer assumes all risks of use of handling which result in loss or damage and which are beyond manufacturer's control. No claim of any kind, and whether or not based on negligence, shall be created in amount than the purchase price of the material in respect to which such claim is made. In no event shall manufacturer or seller be liable for special, indirect or consequential damages resulting from the use of handling or this material. 3. No modification of this warranty and disclaimer is authorized except by specific reference to them in writing by an employee of the manufacturer.

