

prentox[®]

10015

DIAZINON 12½% EMULSIFIABLE CONCENTRATE

LAWN & GARDEN INSECT CONTROL

ACTIVE INGREDIENTS:

Diazinon [0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate]	12.50%
Xylene range aromatic solvent	73.00%
INERT INGREDIENTS:	14.50%

TOTAL: 100.00%

PRENTOX[®] — Registered Trademark of Prentiss Drug & Chemical Co., Inc.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

If **swallowed**—Call a physician or poison control center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with a finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. If **inhaled**—Remove person to fresh air and apply respiration if indicated. If **on skin**—Wash promptly with soap and water. Rinse thoroughly. If **in eyes**—Rinse eyes with plenty of water and call a physician immediately. **Note to Physician**—If symptoms of cholinesterase inhibition occur, Atropine Sulfate is antidotal and may be administered in conjunction with 2-PAM.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Keep out of reach of children. Harmful if swallowed. May be absorbed through the skin. Do not breathe spray mist. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not permit children or pets to go on the sprayed grass until the spray has completely dried. Keep out of reach of domestic animals.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather favors 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 to residues remaining on the treated area. Do not apply when bees are actively visiting to 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.

E.P.A. Reg. No. 655-473

NET CONTENTS

E.P.A. GST. NO. 655-9A-1



prentiss

Drug & Chemical Co., Inc.

Plant: Kaolin Road Sandersville, GA. 31082
Office: C.B. 2000 Floral Park, N.Y. 11001

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

STORAGE: If container is damaged. Stop any leaks by repositioning the container or by patching or otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective gear. On cleanup of spilled liquids, wear protective equipment as required to prevent contact with the product or its vapors. Cover the spilled areas with generous amounts of absorbent material, such as clay, diatomaceous earth, sand or sawdust. Sweep the contaminated absorbent on to a shovel and put the sweepings into a salvage drum. Dispose of wastes as below. Place any leaking container into a similar drum or glass container. Do not store, use, pour or spill near heat or open flame.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

HOW TO MIX AND APPLY

Number One:

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. Repeat applications as needed or as noted in the rate chart.

Number Two:

Use clean sprayer. Carefully measure and mix the amount of Diazinon and water as suggested in the chart.

Number Three:

Spray as directed in the 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.

Directions For Applying

Problem Area	Pests - Rate and Area Covered
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Lawns

Bent Bermuda Bluegrass, Dichondra, Fescue, Merton, St. Augustine	<p>Ants, Armyworms, Bermudagrass Thrips, Brown Dog Ticks*, Chiggers, Crickets, Cutworms, Earwigs, Fleas, Frit Flies, Lawn Billbugs**, Chinch Bug†, Lawn Moths (Sod Webworms), Leafhoppers, Mites (Bermuda, Clover), Sowbugs (Pillbugs), Springtails (Collembola)</p> <p>2 fl. oz. in 3 gals. of water covers 125 sq. ft. 16 fl. oz. in 24 gals. of water covers 1,000 sq. ft.</p> <p>Thoroughly wet down grass a few hours before applying.</p> <p>*Brown Dog Ticks: Do not apply to animals. In particular, spray under shrubbery and the grass next to house.</p> <p>**Lawn Billbugs: Water the lawn thoroughly immediately after treatment.</p> <p>†In the North, if Chinch Bugs are the only lawn insect problem, a lower rate of application can be used.</p> <p>1 fl. oz. in 3 gals. of water covers 125 sq. ft.</p> <p>Millipede†: 4 fl. oz. in 3 gals. of water covers 125 sq. ft.</p> <p>Thoroughly wet grass a few hours before applying.</p> <p>Rhodesgrass Scales</p> <p>2 fl. oz. in 3 gals. of water covers 100 sq. ft. Apply when Scale Crawlers first emerge.</p> <p>Ants, Digger Wasps*</p> <p>4 fl. oz. in 3 gals. of water covers 125 sq. ft.</p> <p>Spot spray ant hills and wasp ground nest openings.</p> <p>*Make the application when the wasps are not active.</p> <p>Billbugs*, White Grubs** of Japanese Beetle, European Chafer, Southern Chafer.</p> <p>2 fl. oz. in 3 gals. of water covers 125 sq. ft. Water grass thoroughly after application.</p>
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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.

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

Hyperodes Weevil (New York only)

1 1/2 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.

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 Leaf Miners (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 Scale, San Jose),

2 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

Webworms (Juniper, Mimosa*), Whiteflies

2 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 Thorn Skeletonizers, Hemlock Chermes, Oak Loopers, Oblique-banded Leaf Rollers, Pear Slugs, Tent Caterpillars, Webworms (Cotoneaster Fall)

6 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 Leaf Miners, Leafhoppers, Mealybugs, Mites (Carnation Bud, Carnation Shoot, Cyclamen, European Red, Two-spotted Spider), Thrips, Whiteflies

2 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

Do not use on certain ferns, hibiscus, poinsettia, papaya, pilea, gardenia, and orchids since injury may occur.

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

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, Codling Moths, Eye-spotted Bud Moths, Fruit Tree Leaf Rollers, Leafhoppers, Tentiform Leaf Miners (pears), Maggots (apples), Mealybugs, Mites (European Red, Clover [brown], Pacific Two-spotted Spider), Psylla (pears), Scale Crawlers (Cottony cushion, San Jose, Forbes, Soft)

2 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 Mealybug (apricot), Mites (Clover [brown], Two-spotted), Scale Crawlers (Olive San Jose)

2 fl. oz. in 3 gals. of water. Apply as a full cover spray.

Cherries

Black Cherry Aphid, Cherry Fruit Fly, Cherry Fruitworm (Maggot), Fruit Tree Leaf Roller, Mites (Cherry Rust), Scale Crawlers (San Jose)

2 fl. oz. in 3 gals. of water. Apply as a full cover spray.

Figs

Dried Fruit Beetle, Vinegar Flies (*Drosophila* spp.)

2 fl. oz. in 3 gals. of water. Apply as a full cover spray.

Plums, Prunes

Aphids (Leaf Curl Plum, Mealy Plum Thistle), Mites (Clover [brown], European Red)

2 fl. oz. in 3 gals. of water. Apply as a full cover spray.

Directions For Applying (Cont'd)

Caneberries (blackberries, boysenberries, dewberries, loganberries, raspberries)	Aphids, Leafhoppers, Raspberry Sawfly, Raspberry Fruitworm, Two-spotted Mites, Thrips 2 fl oz in 3 gals of water. Apply as a full cover spray
Blueberries	Aphids, Blueberry Maggot, Cranberry Fruitworm, Cherry Fruitworm, Cherry Fruitworm (Maggot), Two-spotted Mites, Thrips 2 fl oz in 3 gals of water. Apply as a full cover spray
Strawberries	Aphids, Two-spotted Mites, Strawberry Leaf Roller 2 fl oz in 3 gals of water. Apply as a full cover spray
Grapes	Aphids, Grape Berry Moths, Grape Leafhoppers, Leafhoppers, Scale Crawlers 2 fl oz in 3 gals of water. Apply as a full cover spray
Grapefruit, Lemons, Oranges	Citrus Thrips, Scale Crawlers (Citrus Snow, Cottony Cushion) 2 fl oz in 3 gals of water. Apply as a full cover spray **4 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

*Do not spray 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 treated vines to livestock
Beans, Peas	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Mites 2 fl oz in 3 gals of water covers approximately 1,000 sq ft of garden
Cabbage, Cauliflower, Collards, Broccoli, Kale, Radishes, Turnips	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbage Worms, Dipterous Leaf Miners 2 fl oz in 3 gals of water covers approximately 1,000 sq ft of garden
Carrots, Celery, Endive, Lettuce, Parsnip, Spinach	Aphids, Flea Beetles, Leafhoppers, Dipterous Leaf Miners, Mites 2 fl oz in 3 gals of water covers approximately 1,000 sq ft of garden
Cantaloupes, Cucumbers, Muskmelon, Squash, Watermelon	Aphids, Thrips, Mites 2 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 (<i>Drosophila</i> spp [tomato]) 2 fl oz in 3 gals of water covers approximately 1,000 sq ft of garden
Onions	Onion Thrips 2 fl oz in 3 gals of water covers approximately 1,000 sq ft of garden
Sweet Corn	Aphids, Flea Beetles, Grasshoppers, Mites 2 fl oz in 3 gals of water covers approximately 1,000 sq ft of garden

Vegetables* Preplant Soil Application

Cabbage, Carrots, Corn, Lettuce, Peas, Pole Beans, Radishes, Red Beets, Snap Beans, Tomatoes, Turnips	Cutworms (Surface, Subterranean) 12 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
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Garden Symphylans (Garden Centipedes)	30 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 Mole Crickets, Carrots, Corn Peas, Pole Beans, Red Beets, and Snap Beans Only 3 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 Root Maggots, Cabbage Only 9 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 Wireworms, Cabbage, Carrots, Corn, Lettuce, Peas, Snap Beans, and Tomatoes Only 12 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
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*Do not spray Vegetables within

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

† OF HARVEST

Nuisance Pests in Outside Areas

Ants†, Boxelder Bugs, Brown Dog Ticks†, Chiggers†, Clover Mites†, Cockroaches, Crickets†, Earwigs†, Fleas†, Flies†, Millipedes†, Sowbugs (Pillbugs)†, Spiders, Springtails (Collembola)†
16 fl oz in 3 gals of water
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
*Spray a 5 ft. band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet
†See lawn recommendations for other control measures for these pests

Fire Ants

To aid in the control of fire ants in lawns and other recreation areas, apply 2 fl oz (4 tbs) in a minimum of 1 gal of water as a drench. Apply over and 6 inches around each mound. Apply gently to avoid disturbing ants. Reapply as necessary. Larger quantities of solution can be prepared for multiple mound treatments. Use equipment capable of delivering the diluted product as a gentle rain at the rate of 1 gal per mound. High pressure sprays may disturb the ants and cause migration, reducing product effectiveness.
Note: For best results, apply in cool weather, 65-80°F, in early morning or late evening hours. Treat new mounds as they appear.

