

BEST COPY AVAILABLE

Directions For Applying (Cont'd)

Problem Area	Pests - Rate and Area Covered
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 Casebearer (posters), Scale Crawlers, Spider Mites 1/2 lb. 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), Mistlebeetles (apples), Mealybugs, Mites (European Red, Clover (brown), Pac/Nc, Two-spotted Spider), Psylla (pears), Scale Crawlers (Cottony-cushion, San Jose, Forbes, Soft) 1 lb. oz. in 3 gals. of water. Apply as a full cover spray. On apples, slight russeting 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) 1 lb. 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) 1 lb. oz. in 3 gals. of water. Apply as a full cover spray.
Figs	Dried Fruit Beetle, Vinegar Fly (Drosophila spp.) 1 lb. 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) 1 lb. oz. in 3 gals. of water. Apply as a full cover spray.
Raspberries (blackberries, boysenberries, loganberries, raspberries)	Aphids, Leafhoppers, Raspberry Sawfly, Raspberry Fruitworm, Two-spotted Mites, Thrips 1 lb. oz. in 3 gals. of water. Apply as a full cover spray.
Strawberries	Aphids, Strawberry Maggot, Strawberry Fruitworm, Cherry Fruitworm (Maggot), Two-spotted Mites, Thrips 1 lb. oz. in 3 gals. of water. Apply as a full cover spray.
Grapes	Aphids, Two-spotted Mites, Strawberry Leaf Roller 1 lb. oz. in 3 gals. of water. Apply as a full cover spray.
Grapefruit, Lemons, Oranges	Aphids, Grape Berry Moths, Grape Leafrollers, Leafhoppers, Scale Crawlers 1 lb. oz. in 3 gals. of water. Apply as a full cover spray. Citrus Thrips, Scale Crawlers (Citrus Snow), Cottony-cushion 1 lb. oz. in 3 gals. of water. Apply as a full cover spray. 1/2 lb. 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 - Raspberries, Canberries 10 days - Apricots, Cherries, Grapes, Nectarines, Plums, Prunes 14 days - Apples, Pears 21 days - Grapefruit, Lemons, Oranges, Peaches	

Problem Area	Foliar Application
Beans, Peas	Thoroughly spray all plant parts. Generally, sprays are made at 7 to 10-day intervals. Do not feed treated vines to livestock. Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Mites 1 lb. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Cabbage, Cauliflower, Celery, Broccoli, Kale, Radishes, Turnips	Aphids, Diamondback Moth, Flea Beetles, Imported Cabbageworms, Dipterous Leaf Miners 1 lb. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.

Directions For Applying (Cont'd)

Problem Area	Pests - Rate and Area Covered
Carrots, Celery, Endive, Lettuce, Parsnip, Spinach	Aphids, Flea Beetles, Leafhoppers, Dipterous Leaf Miners, Mites 1 lb. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Cantaloupes, Cucumbers, Muskmelon, Squash, Watermelon	Aphids, Thrips, Mites 1 lb. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Peppers, Peaches, Tomatoes	Aphids, Colorado Potato Beetles, Fall Armyworms (tomato), Flea Beetles, Leafhoppers, Southern Armyworms (potato and tomato), Vinegar Flies (Drosophila spp. (tomato)) 1 lb. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Onions	Onion Thrips 1 lb. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Sweet Corn	Aphids, Flea Beetles, Grasshoppers, Mites 1 lb. 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 Beans, Snap Beans, Tomatoes, Turnips	Cutworms (Surface, Subterranean) 6 lb. 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. Garden Symphlytes (Garden Centipedes) 15 lb. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage. Apply broadcast just before planting. Immediately work into soil 4-6 inches. Mole Crickets, Carrots, Corn, Peas, Pole Beans, Red Beans, and Snap Beans Only 15 lb. 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 45 lb. 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 6 lb. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage. Apply broadcast just before planting. Immediately work into soil 4-6 inches.
*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, Celery, Endive, Kale, Lettuce, Onions, Parsnips, Radishes, Spinach, Turnips 30 days - Potatoes	

Nuisance Pests in Outside Areas	Application
Ants, Boxelder Bugs, Brown Dog Ticks, Chiggers, Clover Mites, Cicadaeas, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs, Springtails, Spiders, Springtails, Coleoptera, etc.	1 lb. oz. in 3 gals. of water. Thoroughly spray windows and door screens, side foundations, porch and patio walls and ceilings, entrance ways, walls, 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 label recommendations for other control measures for these pests.



prentis

DIAZINON EMULSIFIABLE C

LAWN & GARDEN IN

Kills certain outdoor insects which destroy lawns, roses. Contains DIAZINON insecticide which provides control.

ACTIVE INGREDIENTS:
Diazinon (0,0-diethyl 0-(2-isopropyl-6-methylphosphorothioate)
Xylene Range Aromatic Solvent

INERT INGREDIENTS:

*Prentis is a registered trademark of Prentis Drug & Chemical Co.

KEEP OUT OF REACH

WARNING

STATEMENT OF PRACTICE

If swallowed - Call a physician immediately. Gastric lavage is vomiting unless other treatment is not available. Vomiting may give victim one or two glasses of water and insert finger in back of throat anything by mouth to an unconscious person.

If inhaled - Remove victim to fresh air. Apply respiration if indicated.

If on skin - Wash immediately with soap and water. Rinse thoroughly.

If in eyes - Flush eyes for at least 15 minutes with water. Call a physician.

Note to Physician - Atropine sulfate is antidotal. 2-PAM is also antidotal.

SEE SIDE PANEL FOR AD

ACCEPTED with COMMENTS
by EPA on 6/6/64
E.P.A. Reg. No. 665-475

JUN 6 1964

Under the NET CONTENTS



prentis
Drug & Chemical Co., Inc.



prentox[®]

DIAZINON 25% EMULSIFIABLE CONCENTRATE LAWN & GARDEN INSECT CONTROL

Kills certain outdoor insects which destroy lawns, roses, flowers, trees and shrubs or annoy pets or people. Contains DIAZINON insecticide which provides control of many "hard to kill" sucking and chewing insects.

ACTIVE INGREDIENTS:

Diazinon (0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	25.0%
Xylene Range Aromatic Solvent	55.7%
INERT INGREDIENTS:	19.3%

TOTAL: 100.0%

*Prentiss is a registered trademark of Prentiss Drug & Chemical Co., Inc.

KEEP OUT OF REACH OF CHILDREN WARNING

STATEMENT OF PRACTICAL TREATMENT

If swallowed — Call a physician immediately. Gastric lavage is indicated if material was taken internally. **DO NOT INDUCE** vomiting unless other treatment is not 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. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled — Remove victim to fresh air. Apply respiration if indicated.

If on skin — Wash immediately with soap and water. Rinse thoroughly.

If in eyes — Flush eyes for at least 15 minutes with water. Call a physician immediately.

Note to Physician — Atropine sulfate is antidote; 2-PAM is also antidote and may be administered in conjunction with atropine sulfate.

SEE SIDE PANEL FOR ADDITIONAL WARNINGS

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct treatment or to residue 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 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

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 leak. 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 vermiculite. Sweep the contaminated absorbent onto 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 or in advance of an expected infestation. 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

Fire Ants

To aid in the control of fire ants in lawns and other recreation areas, apply 1 fl. oz. (2 tbsp.) in a minimum of 1 gal. of water as a drench. Apply over and over inches around each mound. Apply gently to avoid disturbing ants. Reapply as necessary. Larger quantities of solution can be prepared for multiple mound treatments. Use equipment capable of delivering the diluted product as a gentle rain at the rate of 1 gal. per mound. High pressure sprays may disturb the ants and cause migration, reducing product effectiveness.

Note: For best results, apply in cool weather (65-80° F) or in early morning or late evening hours. Treat new mounds as they appear.

10/83



prentiss

Drug & Chemical Co., Inc.

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

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ACCEPTED
COMMENTS
E.P.A. REG. NO. 865-475

E.P.A. EST. NO. 865-QA-1

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NET CONTENTS _____ LOT # _____

TRATE

or annoy pets or people.
and chewing insects.

..... 25.0%
..... 55.7%
..... 19.3%
..... 100.0%

internally DO NOT INDUCE
necessary to induce vomiting.
near Do not induce vomiting or

in conjunction with atropine

E.P.A. EST. NO. 665-GA-1

n Road
ersville, GA. 31062
2000
al Park, NY 11001

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING
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Directions For Applying (Cont'd)

Problem Area	Pests - Rate and Area Covered
Lawns	
Bent Bermuda Bluegrass Dichondra Fescue Marion St. Augustine	Ants Armyworms Bermudagrass Thrips Brown Dog Ticks* Chiggers Crickets Cutworms Earwigs Fleas Fruit Flies Lawn Billbugs** Chinch Bug† Lawn Moths (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 1000 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. **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 fl. oz. in 3 gals. of water covers 125 sq. ft. Mites: 2 fl. oz. in 3 gals. of water covers 125 sq. ft. Thoroughly wet grass a few hours before applying. Rhodgrass 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 when the wasps are not active. Billbugs* White Grubs** of Japanese Beetle European Chaffer Southern Chaffer 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 chafed 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) 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.
Trees & Shrubs	
Arbutus Azalea Birch Boxwood Camelia 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 Dipsasid Leaf Miners (Arbutus, Azalea, Birch, Boxwood, Holly, Oak) Leafhoppers, Mealybugs, Mites (Clover Cyclamen European Red Privet, Two-spotted Spider) Obscure Root Weevils Ominivorous Leaf Tiers Scale Crawlers (Cotton-cushion Eucymus Lecanum Pine Needle Pt 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 Thorn Skeletonizers Hemlock Charms, Oak Looper, Orange-banded Leaf Roller, Pear Slug, Tent Caterpillars Webworms (Cottoncushion Fall) 3 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.
Roses & Flowers	
Azalea Camellia Chrysanthemum Carnation Garden Lilac Rhododendron Rose	Wet the plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage. Aphids Eucymus Scale Crawlers Flea Beetles Dipsasid Leaf Miners Leafhoppers Mealybugs Mites (Carnation Bud, Carnation Shoot, Cyclamen, European Red, Two-spotted Spider) Thrips Whiteflies 1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

5-111-6271

AVAILABLE

6 JUN 1984

300/117739
17/6

Prentiss Drug & Chemical Co., Inc.
C.P. 2000
Floral Park, NY 11001

Attention: Mick Sanchez

Gentlemen:

Subject: Amendment - Final Printed Labeling
Prentox Diazinon 25% E.C.
EPA Registration No. 655-475
Application Dated March 7, 1984

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (28-767)

Enclosure

DD/MPB:GCR-04133:LaRocca:FIM:Pavoni:557-2226:RD-04:6/1/84:De1.6/13/84

EPA

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