SECURITY

Diazinon® Spray

For Control of Certain Insects on Fruits, Nuts, Vegetables, Lawns and Ornamentals

ACTIVE INGREDIENTS

O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	13.0%
Xylene range aromatic solvent	80.0%
INERT INGREDIENTS	7.0%
	TOTAL 100.0%

EPA Reg. No. 769-512 EPA Est. 769-GA-1

* Diazinon is a registered trademark of Ciba-Geigy Corporation.

This product contains [illegible] Diazinon per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material is taken internally. Do not induce vomiting unless other treatment is unavailable. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim 1 or 2 glasses of water and insert finger into 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 resuscitation if indicated.

IF ON SKIN: Wash immediately with soap and water.

IF IN EYES: Flush eyes with plenty of water and get medical attention.

NOTE TO PHYSICIAN: Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine sulfate.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Keep out of reach of children. May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling and before eating or smoking. Avoid contamination of food. Do not use on humans. Do not permit children to go onto sprayed areas until spray has completely dried.

Keep out of reach of domestic animals. Do not contaminate feed or use on household pets or livestock. Do not permit pets to go onto treated areas until spray has completely dried.

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 areas treated. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product only as specified on this label.

PROTECT BEES: This product is highly toxic to bees exposed to direct treatment or 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. Application 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.

LAWNS

For use on lawns: Bermuda, Bluegrass, Centipede, [illegible], Merion, [illegible], Augustine lawns. SECURITY DIAZINON Spray will control the following insect pests:

Ants	Fruit Flies
Armyworms	Lawn Billbugs**
Bermudagrass Mites	Chinch Bugs***
Brown Dog Ticks*	Lawn Moths [illegible]
Chiggers	[illegible]
Crickets	Mites [illegible]
Cutworms	[illegible]
Earwigs	[illegible]
Fleas	

Apply 2 fluid ounces per 3 gallons of water and spray 125 sq. ft. (1 pint in 24 gallons 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.

**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: [illegible] oz. in [illegible] gallons per 125 square feet.

MILLIPEDES: Apply 4 fl. oz. in 3 gallons of water per 125 square feet. Thoroughly wet grass a few hours before applying.

RHODESGRASS SCALES: Apply 2 fl. oz. in 3 gallons of water per 100 square feet. Apply when scale crawlers first emerge.

ANTS, DIGGER WASPS*: Apply 2 fl. oz. in 3 gallons of water per 125 square feet. Spot spray ant hills and wasp ground nest openings. *Make the application when the wasps are not active.

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. If infestations warrant, repeat applications at 7 to 10 day intervals. Follow time intervals between last application and harvest listed or indicated by the number in ( ) following each crop.

ALMONDS, FILBERTS, PECANS, WALNUTS: To control Aphids, Nut Casemakers (pecans), Scale Crawlers, Spider Mites: Apply [illegible] fluid ounce in 3 gallons of water. Apply as a full cover spray. Do not apply after husks open or split.

APPLES, PEARS (14): To control 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): Apply 2 fluid ounces in 3 gallons of water. Apply as a full cover spray. On apples, slight russeting may occur on some varieties such as Golden Delicious.

APRICOTS (10), PEACHES (21), NECTARINES (10): To control Aphids, Apricot Mealybugs (apricot), Mites (Clover (brown), Two Spotted Spider), Scale Crawlers (Olive, San Jose): Apply 2 fluid ounces in 3 gallons of water. Apply as a full cover spray.

PLUMS, PRUNES (10): To control Aphids (Leaf Curl Plum, Mealy Plum, Thistle), Mites (Clover (brown), European Red): Apply 2 fluid ounces in 3 gallons of water. Apply as a full cover spray.

CANEBERRIES (Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries) (7): To control Aphids, Leafhoppers, Raspberry Sawflies, Raspberry Fruitworms, Two Spotted Mite, Thrips: Apply 2 fluid ounces in 3 gallons of water. Apply as a full cover spray.

BLUEBERRIES (7): To control Aphids, Blueberry Maggots, Cranberry Fruitworms, Cherry Fruitworms, Maggots, Two Spotted Mites, Thrips: Apply 2 fluid ounces in 3 gallons of water. Apply as a full cover spray.

STRAWBERRIES (5): To control Aphids, Two Spotted Mites, Strawberry Leaf Rollers: Apply [illegible] fluid ounces in 3 gallons of water. Apply as a full cover spray.

GRAPES (10): To control Aphids, Grape Berry Moths, Grape Leaffolders, Leafhoppers, Scale Crawlers: Apply 2 fluid ounces in 3 gallons of water. Apply as a full cover spray.

GRAPEFRUIT, LEMONS, ORANGES (21): To control Citrus Thrips, Scale Crawlers (Citrus Snow**, Cottony Cushion): Apply 2 fluid ounces in 3 gallons of water. Apply as a full cover spray.
**For Citrus Snow Scale crawlers, apply 4 fluid ounces in 3 gallons 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.

BILLBUGS, WHITE GRUBS*** of Japanese Beetle, European Chafer, Southern Chafer**: Apply 2 fl. oz. in 3 gallons of water per 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): Apply 1 [illegible] fl. oz. in 3 gallons of water per 125 sq. ft. Water grass thoroughly after application. Treat problem areas in mid April and again in mid May.

TREES AND SHRUBS

SECURITY DIAZINON Spray may be used on:

Arborvitae	Hawthorn	Oak
Azalea	Holly	Pine
Birch	Juniper	Plum
[illegible]	Lilac	Poplar
[illegible]	Locust	Rhododendron
[illegible]	Maple	Spruce
	Mimosa	Willow

[illegible] the following insects, apply [illegible] fluid ounces in [illegible] gallons of water. Apply as a thorough [illegible] wet leaves and branches to the dripping point. Try to penetrate dense foliage.

[illegible] worms	Obscure Root Weevils
European Pine Shoot Moths	Omnivorous Leaf Tiers
Holly Bud Moths	Scale Crawlers (Cottony Cushion,
[illegible] Leaf Miners (Arborvitae,	Euonymus, Lecanium, Pine Needle,
[illegible], Birch, Boxwood, Holly, Oak)	Pit Scale, San Jose, Soft)
[illegible] hoppers	Webworms (Juniper, Mimosa*)
[illegible] bugs	Whiteflies
[illegible] (Boxes, Clover, Cyclamen, European	
[illegible] Privet, Two Spotted Spider)	

*[illegible] Webworm: Apply as a thorough foliar spray when adults first appear. Make two additional applications at 4-5 week intervals.

To control Apple and Thorn Skeletonizers, Hemlock Chermes, Oak Loopers, Oblique-banded Leaf Rollers, Pear Slugs, Tent Caterpillars, Webworms (Cotoneaster, Fall), apply [illegible] ounces in 3 gallons of water. Apply as a thorough foliar spray.

ROSES AND FLOWERS

To control Aphids, Euonymus Scale Crawlers, Flea Beetles, Dipterous Leaf Miners, Leafhoppers, Mealybugs, Mites (Carnation Bud, Carnation Shoot, Cyclamen, European Red, Two Spotted Spider), Thrips and Whiteflies on Azaleas, Camellias, Chrysanthemums, Carnations, Gladioli, Lilac, Rhododendron and Roses: Apply 2 fluid ounces in 3 gallons of water. Apply as a thorough foliar spray. Wet plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage.

VEGETABLES

SECURITY DIAZINON Spray will control the following insect pests on vegetables in the home garden:

Aphids	Garden Symphylans (Centipedes)	Mites
Colorado Potato Beetle	Grasshoppers	Mole Crickets
Corn Earworm	Harlequin Bug	Onion Maggots
Cucumber Beetle	Imported Cabbageworm	Root Maggots
Cutworm	Leafhoppers	Southern Armyworm
Diamondback Moth	Leaf Miners	Thrips
Fall Armyworm	Mexican Bean Beetle	Vinegar Flies
Flea Beetle		Whiteflies
		Wireworms

FOLIAGE APPLICATION: In the garden, apply SECURITY DIAZINON Spray as a foliage spray when insects or their damage is first noticed and repeat as necessary for control. Do not apply to any crop not listed on this label. Do not feed treated crops and crop residue to livestock. Rates are expressed in teaspoons per gallon of water and are based on a broadcast rate of 150 gallons of dilute spray per acre. To control the pests listed, apply SECURITY DIAZINON Spray at the rate of 2½ teaspoons per gallon of water (2 quarts per acre). Consult the chart below for the amount of dilute spray to apply to your specific row spacing. During early stage of growth, proportionately less dilute spray will be required. Always spray for thorough coverage.

AMOUNT OF DILUTE SPRAY PER 100 FEET OF ROW WHEN SPACING IS			
12 inches	24 inches	36 inches	48 inches
½ gallon	¾ gallon	1 gallon	1½ gallons

SECURITY DIAZINON Spray may be applied to the following vegetables. Follow the time interval between last application and harvest indicated by the number in ( ) following each vegetable. A (0) indicates product may be applied through day of harvest.

Beans (Pole, Snap) (7)	Cucumbers (7)	Potatoes (35)
Beets (14)	Dandelions (10)	Radish (10)
Broccoli (5)	Endive (10)	Spinach (10)
Brussels Sprouts (7)	Kale (10)	Squash: Summer (7)
Cabbage (7)	Lettuce (10)	Winter (3)
Carrots (10)	Lima Beans (7)	Swiss Chard (12)
Cauliflower (5)	Melons (3)	Tomatoes (1)
Celery (10)	Onions (10)	Turnips (10)
Collards (10)	Parsley (12)	Watermelons (3)
*Corn, Sweet (2)	Peas (0)	

*For corn earworm control in corn, 2 to 3 repeat applications at 2-3 day intervals will usually be necessary.

SOIL APPLICATION-PREPLANT: To control CUTWORMS (Surface, Subterranean) on Cabbage, Carrots, Corn, Lettuce, Peas, Pole Beans, Radishes, Red Beets, Snap Beans, Tomatoes and Turnips, apply 12 fluid ounces of SECURITY DIAZINON Spray per 1000 square feet in sufficient water for thorough coverage. Apply broadcast just before planting. Immediately work into soil 2-4 inches for Surface Cutworms and 3-6 inches for Subterranean Cutworms. To control GARDEN SYMPHYLANS (Centipedes) on the above vegetables, apply 30 fluid ounces per 1000 square feet in sufficient water for thorough coverage. Apply broadcast just before planting. Immediately work into soil 4-8 inches.

To control MOLE CRICKETS on Carrots, Corn, Peas, Pole Beans, Red Beets and Snap Beans, apply 3 fluid ounces per 1000 square feet in sufficient water for thorough coverage. Apply broadcast just before planting. Apply 1-2 days before sowing or transplanting. Immediately work into soil 1-2 inches.

To control ROOT MAGGOTS on Cabbage, apply 9 fluid ounces per 1000 square feet in sufficient water for 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.

To control WIREWORMS on Cabbage, Carrots, Corn, Lettuce, Peas, Snap Beans and Tomatoes, apply 12 fluid ounces per 1000 square feet in sufficient water for thorough coverage. Apply broadcast just before planting. Immediately work into the soil 4-8 inches.

OUTSIDE NUISANCE PESTS

To control Ants*, Boxelder Bugs, Brown Dog Ticks*, Chiggers, Clover Mites*, Cockroaches, Crickets*, Earwigs*, Fleas, Flies*, Millipedes*, Sowbugs (Pillbugs)*, Spiders, Springtails (Collembola)*: apply 15 fluid ounces in 3 gallons of water. Thoroughly spray window and door screens, sills, foundations, porch and patio walls and ceilings, entrance ways, walks, garbage cans, tree trunks and into cracks and other places where insects can hide. Do not treat plants or animals.

*Spray a 5 foot band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet.

See lawn recommendations for other control measures for these pests.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Do not reuse empty container. Wrap container and place in trash collection.

NOTICE

The seller makes no implied warranty of merchantability nor any other warranties which extend beyond the description on this label.

NET CONTENTS 1 FL. GALLON

MANUFACTURED BY

WOOLFOLK CHEMICAL WORKS, INC.

FORT VALLEY, GEORGIA 31030

ACCEPTED
769-512
AUG 18 1981
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 769-512