

DIRECTIONS FOR USE

Apply the listed amount per acre when insects first appear and repeat as required to maintain effective control. Use in sufficient water for thorough coverage, unless otherwise noted for listed crops. Observe days interval between last application and harvest indicated by number in () following the crop.

GRAPES (18): Pacific Spider Mites, Leafhoppers, Grape Berry Moths, and Grape Leafhoppers — Use 1 pint per 100 gallons of water and apply as a thorough cover spray, or apply 2 pints per acre in sufficient water for thorough coverage. Drosophila spp. — Mix 6 fluid ounces with 100 gallons of water and apply as a thorough cover spray, or apply a maximum of 18 fluid ounces per acre in sufficient water for thorough coverage when insects first appear. Make additional applications at weekly intervals as necessary.

ALFALFA and CLOVER: Cutworms (Surface and Subterranean) — Broadcast 2 to 4 quarts per acre just prior to planting. Work into the soil immediately, 2 to 3 inches for Surface Cutworms, and 3 to 6 inches for Subterranean Cutworms. Spotted Alfalfa Aphids, Yellow Clover Aphids, Pea Aphids, Leafhoppers, Plant Bug Nymphs and Mites — Use ¾ to 1 pint per acre. Grasshoppers — Use 1 pint per acre. Sheep, dairy and beef cattle may be grazed immediately following application. Green alfalfa or clover may be fed to sheep, dairy and beef cattle immediately following cutting. Alfalfa or clover hay may be fed to sheep, dairy and beef cattle provided it is not cut for hay for 7 days following treatment. To control Alfalfa Weevil Larvae in the spring, use 2 to 3 pints per acre when feeding damage to growing tips becomes evident. Repeat application, if necessary. If damage is already extensive, cut the hay and make application to the stubble. Do not graze sheep, dairy and beef cattle for 2 days. Do not cut for hay for 10 days following treatment. Do not spray livestock directly with either air or ground equipment. Do not treat during bloom to avoid injury to pollinating insects.

SORGHUM (7): Sorghum Midge — Apply ½ to 1 pint per acre when 90% of heads have emerged from the boot. Repeat application within 4 days. Mites — Apply 1 pint per acre in sufficient water to assure thorough coverage when infestation first appears, and repeat applications as necessary. Greenbug — Apply 1 pint in a minimum of 10 gallons of water per acre for ground applications or apply in a minimum of 2 gallons of water per acre for aerial applications. Apply when infestation first appears and repeat as necessary. Crop may be fed to livestock immediately following treatment. Cutworms (Surface and Subterranean) — Broadcast 2 to 4 quarts per acre just prior to planting. For Surface Cutworms, immediately work 2 to 3 inches into the soil; for Subterranean Cutworms work 3 to 6 inches into the soil.

106W

MANUFACTURED IN U.S.A. BY

FMC CORPORATION

AGRICULTURAL CHEMICAL DIVISION

MIDDLEPORT, N.Y.
FRESNO, CA.

YAKIMA, WA
RICHMOND, CA

CODE
3225

Net Contents
Gallons

DIAZINON® 4 EC

INSECTICIDE

EPA REG. NO. 279-2945 AA

EPA EST. 279-CA-7

ACTIVE INGREDIENTS:

*O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)

phosphorothioate 48.00%

Xylene 38.00%

INERT INGREDIENTS: 16.00%

100.00%

Contains 4 pounds *Diazinon per gallon

WARNING KEEP OUT OF REACH OF CHILDREN

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

Flash Point Minimum: 82° F. Do not use, pour, spill or store near heat or open flame.

For Emergency Assistance Call: 716-735-3785

Do not use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur.

ENVIRONMENTAL AND DISPOSAL CAUTIONS

This product is toxic to fish, birds and other wildlife. Keep out of lakes, streams or ponds. Birds feeding on treated areas may be killed. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from the areas treated. Do not apply where run-off is likely to occur. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Do not re-use empty 1, 2 and 5 gallon containers. Destroy them by perforating or crushing. Return empty 30 gallon drum to reconditioner or destroy it by perforating or crushing. Bury or discard containers in a safe place away from water supplies.

SUGAR BEETS: Leafhoppers, Dipterous Leafhoppers — Use 1 pint per acre. Use just prior to planting, and work into soil to feed and dairy animals.

WIREWORMS: Beans (Snap and Lima), Broccoli, Carrots, Cauliflower, Celery, Collards, Cucumbers, melons, Onions, Parsley, Peas, Peppers, Spinach, Sweet Potatoes, Swiss Chard, Tomatoes and other crops — Broadcast 3 to 6 quarts per acre and work 4 to 8 inches into the soil.

ORNAMENTAL INSECT CONTROL: To control Boxwood, Camelia, Carnation, Chrysanthemum, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Willow — Apply the following recommended rates: Bud Mites, Carnation Shoot Mites, Clover Mites, Pear Pine Shoot Moths, Leafhoppers, Obscure Mites, Scale Crawlers (Cottoncushion, Lecytrids, Thrips, Twospotted Spider Mites, Webworms, etc.) in 3 gallons of water, or 1 pint in 100 gallons of water. Skeletonizers, Cotoneaster Webworms, Fall Obliquebanded Leafrollers, Pearslugs, and Termites (in 3 gallons of water or use 3 pints per gallon) in 3 gallons of water or use 3 pints per gallon. Ferns, Poinsettia, Hibiscus, Papayas, Pilea, etc. occur. Mimosa Webworms — Mix ½ fluid ounce in 1 pint in 100 gallons of water) and apply immediately. Make 2 to 3 applications at 4 to 5 days intervals.

LAWN INSECT CONTROL: Lawn Chinch Bugs — 25 gallons of water per 1000 square feet. Control and in lawns of dense growth, such as Clover Mite Collembola (Springtails), Crickets, Flies, Lawn Billbugs, Sod Webworms (Lawn Mites), 3 gallons of water per 1000 square feet. Spittlebugs. For Lawn Billbugs, irrigate the lawn with water, mow grass and water well before treatment. Do not water again until necessary. Brown Mites, Leafhoppers, and Ticks — Use 1¼ fluid ounces per 1000 square feet. Do not apply to animals, shrubbery, particularly near the house. Millipedes — 1 pint per 1000 square feet. Rhodesgrass Scale — 1 pint per 1000 square feet. Apply when crawling. Brown Dog Ticks, Clover Mites, Crickets, Earwigs (Springtails) which are commonly found near a 5 foot band of soil around the house, as well as other places where the insects hide. Repeat application if necessary. Home with 1¼ to 2½ fluid ounces (2½ to 5 times, thoroughly spray around foundation, walkways and other places where the insects hide.

ION[®] 4 EC

Net Contents
Gallons

INSECTICIDE

EPA EST. 279-CA-7

	BY WT.
pyrimidinyl)	48.00%
	36.00%
	16.00%
1 gallon	100.00%

WARNING REACH OF CHILDREN

absorbed through the skin. Do not breathe spray mist. Wash thoroughly after handling. Avoid contact of reach of domestic animals. Do not use on Do not permit children or pets to go onto sprayed

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

25-3765

Use only in accordance with label directions because residues or other undesirable results may occur.

AND DISPOSAL CAUTIONS

and other wildlife. Keep out of lakes, streams or may be killed. Do not contaminate water by clean-ups. Do not apply when weather conditions favor apply where run-off is likely to occur. Apply this

exposed to direct treatment or residues on crops. Contact your Cooperative Agricultural Extension

containers. Destroy them by perforating or crush-to reconditioner or destroy it by perforating or in a safe place away from water supplies.

SUGAR BEETS: Leafhoppers, Dipterous Leafminers, and Aphids — Use ¾ to 1 pint per acre. Grasshoppers — Use 1 pint per acre. Wireworms — Broadcast 3 to 4 quarts per acre just prior to planting, and work into soil 4 to 8 inches immediately. Tops may be fed to beef and dairy animals.

WIREWORMS: Beans (Snap and Lima), Broccoli, Brussels Sprouts, Cabbage, Cantaloupes, Carrots, Cauliflower, Celery, Collards, Cucumbers, Endive (Escarole), Kale, Lettuce, Muskmelons, Onions, Parsley, Peas, Peppers, Spinach, Summer and Winter Squash, Sweet Corn, Sweet Potatoes, Swiss Chard, Tomatoes and Watermelons — Broadcast 3 to 4 quarts per acre prior to planting, and work 4 to 8 inches into the soil immediately. Potatoes: Wireworms — Broadcast 3 to 6 quarts per acre prior to planting. Immediately disk or harrow 2 to 3 inches into the soil.

ORNAMENTAL INSECT CONTROL: To control certain insects on Arborvitae, Azalea, Birch, Boxwood, Camelia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladioli, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce and Willow — Apply the following recommended rates: To control Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leafminers, European Pine Shoot Moths, Leafhoppers, Obscure Root Weevils, Omnivorous Leafhoppers, Privet Mites, Scale Crawlers (Cottony Ashbuds, Lecanium, Pine Needle, San Jose, Soft Scale), Thrips, Twospotted Spider Mites, Webworms, and Whiteflies — Use ½ fluid ounce (1 tablespoon) in 3 gallons of water, or 1 pint in 100 gallons of water. To control Apple-and-Thorn Skeletonizers, Cotoneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Loopers, Obliquebanded Leafrollers, Pearslugs, and Tent Caterpillars — Use 1½ fluid ounces (3 tablespoons) in 3 gallons of water or use 3 pints per 100 gallons of water. Do not use on certain Ferns, Poinsettia, Hibiscus, Papayas, Pilea, and Gardenia, since injury to the plants may occur. Mimosa Webworms — Mix ½ fluid ounce (1 tablespoon) in 3 gallons of water, (or 1 pint in 100 gallons of water) and apply as a thorough foliar spray when adults first appear. Make 2 to 3 applications at 4 to 5 week intervals.

LAWN INSECT CONTROL: Lawn Chinch Bugs — Use 2 to 3 fluid ounces or 3 to 6 fluid ounces in 25 gallons of water per 1000 square feet. Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns. Ants, Armyworms, Clover Mite Collembola (Springtails), Crickets, Cutworms, Digger Wasps, Earwigs, Frit Flies, Lawn Billbugs, Sod Webworms (Lawn Moths), and Sowbugs — Use 4 fluid ounces in 3 gallons of water per 1000 square feet. Spot spray ant hills and wasp ground nest openings. For Lawn Billbugs, irrigate the lawn thoroughly immediately after treatment. For Frit Flies, mow grass and water well before treatment but delay application until grass is dry. Do not water again until necessary. Brown Dog Ticks, Bermuda Mites, Chiggers, Fleas, Leafhoppers, and Ticks — Use 1¼ fluid ounces (2½ tablespoons) in 3 gallons of water per 1000 square feet. Do not apply to animals. For Brown Dog Ticks spray grass and under shrubbery, particularly near the house. Millipedes — Use 8 fluid ounces in 3 gallons of water per 1000 square feet. Rhodesgrass Scales — Use 5 fluid ounces in 25 gallons of water per 1000 square feet. Apply when crawlers first emerge. For insects such as Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs, and Collembola (Springtails) which are commonly found near the house, and may enter the house, spray a 5 foot band of soil around the house, as well as the house foundation wall to a height of 2 to 3 feet. Repeat application if necessary. Boxelder Bugs — Spray bugs outside the home with 1¼ to 2½ fluid ounces (2½ to 5 tablespoons) in 1 gallon of water. At the same time, thoroughly spray around foundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

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Dealer Should Sell in Original Packages Only

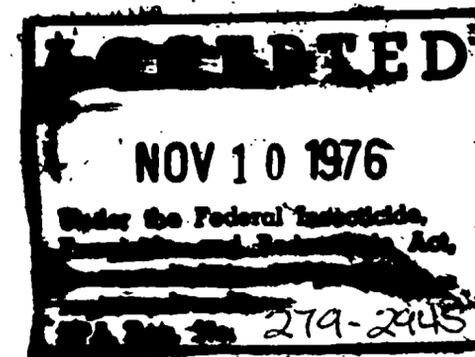
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Warranty FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his own risk.

Use of Product FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

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FMC Chemicals

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