

**GENERAL INFORMATION**

Hopkins Diazinon 4 lb. E.C. is an emulsifiable solution which when diluted with water according to the directions below is intended for the control of insect pests of agricultural crops. Do not use in barns or dwellings. Do not use on livestock. In the directions for use given below, best control is obtained when application is made at first sign of insect pest. Application should be repeated as necessary to maintain control.

**NOTE:** The California Department of Agriculture has set a 5-day re-entry for Diazinon on citrus, grapes, peaches and nectarines. Five days should lapse between the time of application and the time a worker may enter the field to engage in any activity requiring substantial contact with treated foliage. When a mixture of two or more organic phosphate pesticides are applied in combination, the interval shall be prolonged by adding to the longest applicable interval an additional 50% of that interval.

**FRUIT AND NUT CROPS**

**NOTE:** Unless otherwise stated, the rates listed below should be applied as a dilute full cover spray.

**ALMONDS**—Mites, Twig Borer: Apply 1-1½ pts. per 100 gals. of water. **Pistachio Scales**, San Jose Scales: Mix 1 1½ pts. Diazinon plus 2 3/4 gals. dormant oil per 100 gals. of water and apply as a dormant spray. Almond hulls may be used for feed for livestock.

**APRICOTS**—Aphids, Brown Mites (Clover Mites), Two-Spotted Spider Mites, Olive Scale Crawlers, San Jose Scale Crawlers: Mix 1 pt. per 100 gals. of light medium horticultural oil per 100 gals. of water. Apply when scale crawlers are present. **Apricot Mealybugs**: Mix 1 pt. per 100 gals. of water. Apply as a cover spray from petal fall to June. Do not apply within 10 days of harvest.

**BLUEBERRIES**—Cranberry Fruitworms, Cherry Fruitworms, Blueberry Maggots, Aphids, Thrips, Two-Spotted Mites: Mix 1 pt. per 100 gals. of water. Apply up to 20 gals. of spray per acre. Do not apply within 7 days of harvest.

**CRANBERRIES**

**BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, RASPBERRIES**—Leafhoppers, Thrips, Aphids, Two-Spotted Mites, Raspberry Sawflies: Apply 2 pts. per acre in a minimum of 100 gals. of water. **Raspberry Fruitworms**: Apply at the above rates when blossom buds separate and repeat application immediately before blossoms open. **Dryberry Mites**: Apply 1-2 qts. per acre in a minimum of 100 gals. of water. Apply as a dormant spray in early spring, when canes are still on the ground and buds are closed. Make a second application when the buds are well developed, but still closed. Do not apply within 7 days of harvest. **Raspberry Root Borer**: Apply 2 qts. per acre in a minimum of 100 gals. of water as a post-harvest spray and again as a summer spray. Apply either in the spring before berries begin to form, or in the fall after harvest.

**CHERRIES**—Eye-Spotted Bud Moths, Fruit Tree Leaf Rollers: Mix 1 pt. per 100 gals. of water. Apply in cover sprays as necessary, beginning with petal fall. **Leafhoppers**: Apply 1 pt. per 100 gals. of water in 3-5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop. **Cherry Fruit Flies**: Mix ½ pt. per 100 gals. of water. Make 3 or 4 applications, beginning when adult cherry fruit flies begin to emerge and repeat at 10-day intervals. **Black Cherry Aphids**: Mix 1 pt. per 100 gals. of water. Apply as a cover spray when aphids appear and repeat after 10 days. **San Jose Scale Crawlers**: Mix 1 pt. per 100 gals. of water. Apply during the pre-pink stage or when crawlers first appear. Do not apply within 10 days of harvest. **Cherry Rust Mites**: Mix ½ pt. per 100 gals. of water. Apply as a supplemental spray after harvest.

**CITRUS FRUITS**

**GRAPEFRUIT, LEMONS, LIMES, ORANGES, TANGELOS, TANGERINES, CITRUS CITRON, KUMQUATS, AND HYBRIDS OF THESE**—Citrus Aphids, Fruit Tree Leaf Rollers, Cottony-Cushion Scale Crawlers, and Soft Scale Crawlers: Apply ½-1 pt. per 100 gals. of water (maximum 1000 gals. per acre) as a thorough cover spray when aphids and crawler stages of scale insects first appear. **Fruit Tree Leaf Rollers**: Use ½-1 pt. per 100 gals. of water (maximum 1000 gals. per acre) when an average of 50 percent of eggs in egg masses have hatched in the spring. **Citrus Thrips**: Apply 1 pt. in 100 gals. of water (maximum 1000 gals. per acre) when thrips first appear. **Citrus Scales**: Apply 1-2 qts. per 100 gals. of water (maximum 1000 gals. per acre) as a post-harvest spray and again as a summer spray. For heavy snow scale infestations use the higher dosage rate. Thorough coverage of tree trunks, limbs, and twigs is essential. Do not apply during bloom. Do not apply to citrus within 21 days of harvest. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources.

**CRANBERRIES**—Black Headed Fireworms (Sparganothis sulfureana): Apply 2 qts. in 400 gals. of water per acre. **Cranberry Fruitworms**: Apply 3 qts. in 400 gals. of water per acre. Do not apply within 7 days of harvest.

**FIGS**—Vinegar Flies (Drosophila spp.), Dried Fruit Beetles: Apply 1 pt. per 100 gals. of water. Do not apply within 5 days of harvest.

**FILBERTS**—Filbert Leaf Rollers, Aphids: Apply 1-2 qts. in 250-400 gals. of water per acre, as a thorough cover spray.

**GRAPES**—Pacific Spider Mites, Leafhoppers, Grape Berry Moths, Grape Leaf Folders: Apply 1-2 pts. per acre in a minimum of 100 gals. of water as a thorough cover spray. Do not apply within 18 days of harvest. **Drosophila spp.**: Apply 12-18 fl. oz. per acre in a minimum of 100 gals. of water as a thorough cover spray, or apply when insects first appear. Make additional applications at weekly intervals as necessary. Do not apply within 7 days of harvest.

**OLIVES**—Olive Scales: Mix ½ pt. of Diazinon plus 1½ gals. of light medium summer horticultural oil per 100 gals. of water. Apply as a cover spray in June or July. Do not apply during bloom to avoid injury to pollinating insects or within 75 days of harvest.

**PEACHES AND NECTARINES**—Aphids, Brown Mites (Clover Mites), Two-Spotted Spider Mites, Olive Scale Crawlers, San Jose Scale Crawlers: Mix 1 pt. per 100 gals. of water. Apply when aphids, mites, and scale crawlers first appear. **Olive Scale Crawlers**: Mix ½ pt. of Diazinon plus 1½ gals. of light medium horticultural oil per 100 gals. of water. Apply when scale crawlers are present. **Olive Fruit Moths**: Mix 1 pt. per 100 gals. of water and apply at 100% petal fall. Make 2 additional applications at 10-15 day intervals. Time the last application to peak adult oriental fruit moth flight, if possible. **Peach Twig Borer**: Mix 1 pt. per 100 gals. of water and apply to peaches in May and June. **Leafhoppers (Peaches only)**: Apply 1 pt. per 100 gals. of water in 3-5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop. **White Peach Scale (Peaches only)**: As a post-harvest spray apply 1½-2 pts. per 100 gals. of water timed to coincide with peak crawler and immature scale activity. Under conditions of heavy infestations 2 applications may be necessary. Do not apply to peaches within 20 days, or to nectarines within 10 days of harvest.

**PECANS**—Aphids, Mites, Pecan Nut Casebearers, Walnut Caterpillars: Apply 1-3 qts. per acre as a foliage spray in a minimum of 100 gals. of water. Do not apply after husks crack.

**PINEAPPLES**—Scales: Apply 5 qts. of Diazinon plus 2 gals. of light or medium horticultural oil in 500 gals. of water per acre to the vegetative slips on the plants following harvest of pineapple. **Mealybugs**: Apply 2 qts. per acre in a minimum of 100 gals. of water. May be applied on day of harvest. Pineapple forage and refuse may be fed to livestock 7 days following last application.

**PLUMS AND PRUNES**—Brown Mites (Clover Mites), European Red Mites: Apply 1 pt. per 100 gals. of water. **Leaf Curl Plum Aphids, Mealy Plum Aphids, Thistle Aphids**: Apply ½-1 pt. per 100 gals. of water. Do not apply within 10 days of harvest.

**STRAWBERRIES**—Aphids, Two-Spotted Spider Mites: Apply 1 pt. per 100 gals. of water per acre. **Cyclamen Mites**: Apply 1 qt. per 100 gals. of water per acre, directing spray to plant crowns. Plants should be sufficiently agitated to assure thorough coverage of the foliage. Make additional applications, if necessary, after harvest. **Mole Crickets**: Broadcast 1 qt. per acre when insects are present. Apply 1 to 2 days before transplanting and mix into the top 1-2 inches of soil immediately. **Strawberry Leaf Rollers**: Mix ½-1 pt. per 100 gals. of water. Apply 200 gals. of spray per acre when blossoms show color. Do not apply within 5 days of harvest.

**WALNUTS**—Aphids, Mites: Apply 1 qt. per acre as a foliage spray in a minimum of 100 gals. of water. **Codling Moths, Scale Crawlers, Walnut Caterpillars**: Apply 3 qts. per acre as a foliage spray in a minimum of 100 gals. of water. Do not apply after the husks open.

**VEGETABLE FOLIAR INSECTS**

Unless otherwise stated, foliar applications of Diazinon should always be applied to vegetable crops as a spray in a minimum of 2 gals. of water per acre for aerial applications and a minimum of 10 gals. of water per acre for ground applications.

**POLE BEANS, SNAP BEANS, LIMA BEANS**—Black Bean Aphids, Mexican Bean Beetles, Leaf Miners: Apply 1 1½ pts. per acre. **Cucumber Beetles**: Apply ½ pt. in 100 gals. of water per acre. Do not apply within 7 days of bean harvest. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

**LIMA BEANS**—Dipterous Leaf Miners, Leafhoppers, Mites: Apply 1 pt. per acre. Do not apply within 7 days of harvest. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

**BROCCOLI, CABBAGE AND CAULIFLOWER**—Aphids, Diamondback Moths, Imported Cabbageworms: Apply ½-1 pt. per acre. Applications at 7-10 day intervals will usually be required. Do not apply to broccoli or cauliflower within 5 days, or to cabbage within 7 days of harvest.

**BRUSSELS SPROUTS**—Aphids, Diamondback Moths, Imported Cabbageworms: Apply 1 pt. per acre. Generally, applications at 7-10 day intervals will be required. Do not apply to brussels sprouts within 7 days of harvest.

**CARROTS**—Aphids: Do not apply within 10 days of harvest.

**CELERY**—Aphids, Flea Beetles: Apply 1 pt. in 100 gals. of water per acre. Do not apply within 10 days of harvest. Plants should be market trimmed (tops removed) before being shipped or used. Tops should not be used for feed or food.

**COLLARDS, KALE, SWISS CHARD, AND TURNIP TOPS**—Aphids, Imported Cabbageworms, Diamondback Moths, Harlequin Cabbage Bugs: Apply ½-1 pt. per acre. Do not apply to collards, kale, or turnip tops within 10 days. Swiss Chard within 12 days of harvest.

**CUCUMBERS**—Aphids, Serpentine Leaf Miners, Thrips: Apply 1 pt. per acre. Do not apply within 7 days of harvest.

**LETTUCE AND ENDIVE**—Aphids, Dipterous Leaf Miners: Apply ½-1 pt. per acre. Do not apply within 10 days of harvest.

**MELONS AND SQUASH**

**CANTALOUPE, CASABAS, CRENSHAW, HONEYDEW MELONS, MUSKMELONS, PERSIAN MELONS, AND HYBRIDS OF THESE**—Watermelons and their hybrids: **SUMMER AND WINTER SQUASH**—Aphids, Leafhoppers, Mites: Apply 1-1½ pts. per acre. **Serpentine Leaf Miners, Thrips**: Apply ½-1 pt. per acre. Do not apply to melons and winter squash within 3 days, or to summer squash within 7 days of harvest.

**MUSHROOM HOUSES**—Mushroom Flies (Phorids and Sciids): Mix ½-1 gal. in 50 gals. of water 10-5% to 10% actual Diazinon spray on outside and inside walls and ventilators of mushroom houses, after compost in beds has been pasteurized by heating. Do not spray compost in beds or after spawning. To treat wooden sides of beds, posts, doors and door frames after pasteurizing, mix ½ pt. in 6 gals. of water and apply with a brush. Do not treat compost.

**ONIONS**—Onion Thrips: Apply 1 pt. per acre. Do not apply within 10 days of harvest.

**PEAS**—Aphids, Leaf Miners: Apply ½-1 pt. per acre. Peas may be picked immediately. Pea vines and pea vine hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

**PEPPERS**—Aphids, Serpentine Leaf Miners: Apply ½ pt. per acre. Do not apply within 5 days of harvest.

**POTATOES**—Aphids, Flea Beetles, Colorado Potato Beetles, Dipterous Leaf Miners: Apply at the rate of ½-1 pt. per acre. **Banded Cucumber Beetles, Leafhoppers, Southern Armyworms**: Apply ½-1 pt. per acre. Do not apply within 35 days of harvest.

**RADISHES, PARSHIPS, AND TURNIPS**—Aphids, Flea Beetles, Dipterous Leaf Miners: Apply ½ pt. per acre. Do not apply within 10 days of harvest.

**SPINACH AND BEETS**—Aphids, Dipterous Leaf Miners: Apply ½ pt. per acre. Do not apply to spinach within 10 days, or to beets within 14 days of harvest.

**SQUASH (Summer and Winter)**—See Melons and Squash Section.

**SWEETCORN**—Corn Earworms: Apply 1-1½ qts. per acre when silks first appear. Two or three repeat applications at 2-3 day intervals will usually be necessary. Corn may be picked immediately following last application. Corn forage may be fed to dairy and beef cattle and sheep. Refer also to Corn under Field and Forage Foliar Insects and Field and Forage Soil Insects.

**TOMATOES**—Aphids, Dipterous Leaf Miners: Apply ½ pt. per acre. To control leaf miners weekly applications are usually required. **Banded Cucumber Beetles, Fall Armyworms, Southern Armyworms**: Apply ½-1 pt. per acre. **Vinegar Flies (Drosophila spp.)**: Apply ½-1 pt. per acre. Weekly applications are usually required. Do not apply within 1 day of harvest.

**WATERCRESS (Hawaii only)**—Cyclamen Mites: Mix 1 pt. per 100 gals. of water and apply to one acre as a thorough cover spray. Spray should be directed into the crowns and growing tips of plants. If infestation is heavy make a second application no later than 10 days after the first application. Repeat applications as necessary. Do not apply within 5 days of harvest.

**VEGETABLE SOIL INSECTS**

Unless otherwise stated, soil applications of Diazinon should always be applied to vegetable crops as a spray in a minimum of 5 gals. of water per acre for ground applications.

**CUTWORMS (Surface and Subterranean)**: Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately, 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Broccoli	Cantaloupes	Collards	Kale	Lima Beans	Parsley	Peppers	Snap Beans	Summer Squash	Swiss Chard	Watermelons
Brussels Sprouts	Cauliflower	Cucumbers	Lettuce	Muskmelons	Peas	Potatoes	Spinach	Sweet Corn	Tomatoes	Winter Squash
Cabbage	Celery	Endive (Escarole)								

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**FIELD AND FORAGE SOIL INSECTS CONTINUED**

**COWPEAS**—Cutworms (Surface and Subterranean): Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately, 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

**LESPEDEZA**—Cutworms (Surface and Subterranean): Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

**PEANUTS**—Cutworms: Apply 2 qts. per acre in a 12 inch band over the row. Thorough coverage of the foliage is essential. Begin application when small larvae appear. Two or three additional applications at three-week intervals may be necessary. Do not apply within 21 days of peanut harvest. Live stock (1) may be fed peanut hulls, (2) may be fed peanut forage 7 days following treatment and (3) may be fed peanut hay 21 days following treatment.

**SORGHUM**—Cutworms (Surface and Subterranean): Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately, 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

**SOYBEANS**—Cutworms (Surface and Subterranean): Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately, 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

**SUGAR BEETS**—Wireworms: Broadcast 3-4 qts. per acre just prior to planting and work into soil 4-8 inches immediately. Tops may be fed to beef and dairy animals.

**SUGARCANE**—Wireworms: Apply 1 gal. per acre in a 12 inch band centered over the furrow. Make application directly to seed pieces in open furrow at covering time.

**TOBACCO**—Cutworms: Broadcast 2-3 qts. per acre before transplanting and work into the soil 2-4 inches immediately. **Green June Beetle Larvae**: Mix ½ pt. in 50 gals. of water and apply as a drench (100 gals. per 100 sq. yds.) to uprooted areas of plant beds with sprinkling can. **Mole Crickets**: Broadcast 1 qt. per acre, when insects are present. Make application to beds or fields 1-2 days prior to sowing of seed or transplanting, and work into soil 1-2 inches immediately. **Seed-Corn Maggots**: Broadcast 3 qts. per acre, 3-4 weeks before transplanting. Work into soil 2 inches immediately. **Wireworms**: Broadcast 2-3 qts. per acre, 3-4 weeks before transplanting. Work into soil 6-9 inches immediately.

**RANGE, PASTURE, AND GRASSLAND INSECTS**

Unless otherwise stated, Diazinon should always be applied as a spray in a minimum of 1 gal. of water per acre for aerial applications and a minimum of 5 gals. of water per acre for ground applications.

**BERMUDA GRASS AND FORAGE GRASSES (Other than Range and Pasture Grasses)**—Thrips, Whiteflies, Grasshoppers: Apply 1 pt. per acre. Dairy and beef cattle, and sheep (1) may be grazed immediately following application (2) may be fed green forage immediately following cutting, and (3) forage grasses may be cut for hay 7 days following treatment.

**RANGELAND, PASTURE, DITCH BANKS, ROADSIDES, WASTELAND, NONCROP AREAS, AND BARRIER STRIPS**

**Grasshoppers**: Apply ½-1 pt. per acre in water or oil (minimum of 1 gal. of oil per acre) when insects first appear, preferably in the nymphal stage. Thorough coverage of the foliage is essential. Dairy and beef cattle and sheep (1) may be grazed immediately following application (2) may be fed green forage immediately following cutting, and (3) may be fed hay provided grass is not cut for hay for 21 days if the spray is a water solution, or for 30 days if the spray is an oil solution. Do not spray livestock directly with either air or ground equipment. Do not repeat application for 30 days.

**ORNAMENTAL INSECT CONTROL**

To control certain insects (See listing below) on Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladioli, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, and Willow, apply the recommended rates indicated below.

Insects	Rate per 3 gals. water	Rate per 100 gals. water
Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leaf Miners, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holly Bud Moths, Leafhoppers, Obscure Root Weevils, Omnivorous Leaf Tiers, Privet Mites, Scale Crawlers (Cottony-Cushion, Lecanium, Pine Needle, San Jose, Soft Scale), Thrips, Two-Spotted Mites, Webworms, Whiteflies	½ fl. oz. *	1 pt. *
Apple and Thorn Skeletonizers, Cotton-easter Webworms, Fall Webworms, Hemlock Chermes, Oak Looper, Oblique-banded Leaf Rollers, Pear Slugs, Tent Caterpillars	1½ fl. oz.	3 pts.
* 1 fl. oz. = 2 tablespoons 16 fl. oz. = 1 pint		

Do not use on Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gardenia, since injury to the plants may occur.

**Mimosa Webworms**: Mix ½ fl. oz. in 3 gals. of water (or 1 pt. in 100 gals. of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

**LAWN INSECT CONTROL**

To control insects listed below, apply recommended rates. For control of Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs, and Collembola (Spring tails) which are commonly found near the house and may enter the house, spray a 5 ft. band of soil around the house, as well as the house foundation wall to a height of 2-3 ft. Repeat application if necessary. **Bugger Bugs**: Spray bugs outside the home with 1½-2 fl. oz. (2½-5 tablespoons) in 1 gal. of water. At the same time thoroughly spray around foundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

INSECTS	RATE/1,000 SQ. FT. DIAZINON 4 LB. E.C.	WATER	REMARKS
Lawn Chinch Bugs	2-3 fl. oz. or 3.6 fl. oz.	25 gals. *	Use higher rate for longer residual control and in lawns of dense growth (St. Augustine lawn).
Ants, Armyworms, Clover Mites, Collembola (Spring tails), Crickets, Cutworms, Digger Wasps, Earwigs, Fire Flies, Lawn Billbugs, Sod Webworms, (Lawn Moths), Sowbugs	4 fl. oz.	3 gals.	Spot spray ant hills and wasp ground nest openings. For lawn billbugs, irrigate lawn thoroughly immediately after treatment. For fire 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	1½ fl. oz.	3 gals.	Do not apply to animals. For Brown Dog Ticks spray grass and under shrubbery, particularly near house.
Millipedes	4 fl. oz.	3 gals.	
Rhodesgrass Scales	3 fl. oz.	25 gals. *	Apply when crawlers first emerge.

\* Alternately, make application in 3 gals. of water per 1,000 sq. ft. and thoroughly water immediately following application.

**BILLBUGS, JAPANESE BEETLE LARVA, EUROPEAN CHAFER LARVA AND SOUTHERN CHAFER LARVA**: Apply 4 fl. oz. per 1,000 sq. ft. of lawn in sufficient water to give uniform coverage. Water grass thoroughly after application. For grub control make application any time between late July and early October. For Billbug control apply when activity is first observed or when chewed or brown grass is present, indicating damage from this insect.

**HYPERODES WEEVIL (New York Only)**: Apply 3 fl. oz. per 1,000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid April and again in mid May.

**FOREST INSECTS**

**PINE (Seed Orchards, Plantations, Forests)**—Arkansas Sawfly (Loblolly Sawfly): Apply ½ pt. per acre over the tree canopy. Application should be made at or near the completion of egg hatch. Aerial applications should be made with a minimum of 2 gals. of spray per acre, in swaths not more than 90 ft. wide. Repeat application as needed.

**NOTICE OF WARRANTY**

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

# Hopkins

## DIAZINON® 4

FOR CONTROL OF CERTAIN INSECTS ON FRUIT CROPS, AND ORNAMENTALS

REFER TO LABEL DIRECTIONS FOR

**ACTIVE INGREDIENTS:**  
O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) Xylene

**INERT INGREDIENTS:**

®Trademark CIBA-GEIGY  
EPA Reg. No. 2393-258  
EPA Est. 2393-WI-1

## WARNING

KEEP OUT OF REACH OF

**MAY BE FATAL IF SWALLOWED.** May be absorbed by spray mist. Do not get in eyes, on skin, or on clothing. Avoid contamination of food. Do not use on human sprayed grass until spray has completely dried.

Keep out of reach of domestic animals. Do not contact with pets or livestock. Do not permit pets to go on to sprayed areas.

This product is toxic to fish and wildlife. Birds feeding in areas treated or where runoff is likely to occur. Do not use equipment or disposal of waste. Shrimp and crab recommended on this label. Do not apply where the product only as specified on this label.

This product is highly toxic to bees exposed to direct spray. Protective information may be obtained from your Ciba-Geigy Service.

Do not reuse empty container. Destroy by perforation or incineration.

**CAUTION: INFLAMMABLE**  
Do not use, pour, spill or store near heat or flame.

**NET CONTENTS**

**DIRECTIONS FOR USE**  
**IMPORTANT:** Read the entire Directions for Use.

**HOPKINS AGRICULTURAL CHEMICALS**  
**MADISON, WISCONSIN**

HACCO 3-74