

DIRECTIONS FOR USE

Mix with sufficient water (unless otherwise noted) to obtain thorough coverage. Apply when pests first appear and repeat as necessary to maintain control. May be applied with ground or airplane application equipment. For aerial application, do not exceed LBS per acre limitation. Use 5 gal. of water on vegetable and field crops; 7 gals. of water on small fruits; 10 gals. of water on tree crops; 10 gals. of water on citrus. Observe days interval between last application and harvest indicated by number in () following crop.

ALMONDS (0): Mites, Twig Borers - Use 1 1/2 to 1 3/4 pounds per 100 gallons of water. Parlatoria and San Jose Scales - Mix 1 1/2 to 1 3/4 pounds with 1 to 3 gallons of a dormant oil per 100 gallons of water and apply as a dormant spray. Mites may be fed to livestock. Do not exceed 15 pounds per acre.

APPLES, PEARS (14): San Jose Scales, Mealybugs, European Red Mite Eggs, Brown Mite Eggs, Pear Leaf Blister Mite, Apple Aphid Eggs - Mix 1 1/2 pound with 2 gallons of a dormant oil per 100 gallons of water. Apply as a dormant or a delayed dormant spray. Eye-Spotted Bud Moths, Fruit Tree Leafrollers, Tentiform Leafminers, Mealybugs, Codling Moths, Aphids (Rosy Apple, Green Apple, and Woolly Apple) and Mites - Use 1 1/2 pounds per 100 gallons of water. Make 3 to 8 cover spray applications to control Tentiform Leafminers, and Mealybugs. San Jose Scales Crawlers, and Forbes Scale Crawlers - Use 1 1/2 pounds per 100 gallons of water. Apply early in the season when crawlers first appear. If necessary make a second application in 7 to 10 days. Do not exceed 15 pounds per acre.

APRICOTS (10), NECTARINES (10), PEACHES (20): Scales (San Jose, Brown Apricot, and Walnut), and Apricot Mealybugs - Mix 1 1/2 pounds with 1 to 2 gallons of a dormant oil per 100 gallons of water. Apply as a dormant spray. Aphids, Brown Mites (Clover Mites), Two-Spotted Spider Mites, Olive Scale Crawlers, and San Jose Crawlers - Mix 3/4 pound with 1 1/2 gallons of foliage spray oil per 100 gallons of water. Do not exceed 10 pounds per acre.

APRICOTS (10) (only): Mealybugs - Use 1 1/2 pounds per 100 gallons of water. Apply as a cover spray from petal fall to June. Do not exceed 10 pounds per acre.

NECTARINES (10) and PEACHES (20) (only): Peach Twig Borers, and Parlatoria Scales - Use 1 1/2 pounds plus 1 gallon of foliage spray oil per 100 gallons of water. Apply at petal fall. Oriental Fruit Moths - Use 1 1/2 pounds per 100 gallons of water and apply at complete petal fall. Make 2 additional applications at 10 to 15 day intervals. Time the last application to peak adult Oriental Fruit Moth flight, if possible. Do not exceed 10 pounds per acre.

PEACHES (20) (only): Peach Twig Borers - Mix 1 1/2 pounds per 100 gallons of water and apply in May and June. Leafhoppers - Apply 1 1/2 pounds per 100 gallons of water in 3 to 5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop. White Peach Scale - As a post-harvest spray use 1 1/2 to 2 1/2 pounds per 100 gallons of water timed to coincide with peak crawler and immature scale activity. Do not apply more than twice. Do not exceed 10 pounds per acre.

CANEBERRIES (BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, RASPBERRIES) (2): Leafhoppers, Thrips, Aphids, Two-Spotted Mites, Raspberry Sawflies and Raspberry Fruitworms - Use 1 1/2 pounds per 100 gallons of water applying no more than 200 gallons of spray per acre; or apply 2 1/2 pounds per acre in sufficient water to cover. To control Raspberry Fruitworm make first application when blossom buds separate and repeat immediately before blossoms open. Dryberry Mites - Mix 2 1/2 pounds in 100 gallons of water. Use as a dormant spray in early spring. Make no more than 2 applications before buds open. Raspberry Crown Borers (Raspberry Root Borers) - Use 5 pounds per 100 to 200 gallons of water and apply as a drench to the crown area and to the lower vines. Apply either in the spring before berries begin to form, or as a post-harvest spray.

CHERRIES (10): Brown Apricot Scales, San Jose Scales, Black Scales, Black Cherry Aphid Eggs, and Brown Mite Eggs - Mix 1 1/2 pounds with 1 to 3 gallons of a dormant oil per 100 gallons of water. Apply as a dormant spray. Eye-Spotted Bud Moths, Fruit Tree Leafrollers, and Leafhoppers - Use 1 1/2 pounds per 100 gallons of water. Begin treatment at petal fall. Do not make more than 5 applications. Black Cherry Aphids, Cherry Fruit Flies - Use 2/3 to 1 1/2 pounds per 100 gallons of water. Make 3 to 4 applications, beginning when adult flies begin to emerge and repeat at 10 day intervals. San Jose Scale Crawlers - Use 1 1/2 pounds per 100 gallons of water. Apply during the pre-pink stage or when crawlers first appear. Cherry Rust Mites - Use 2/3 to 1 1/2 pounds per 100 gallons of water. Apply as a supplemental post-harvest spray. Do not exceed 10 pounds per acre.

CITRUS (GRAPEFRUIT, LEMONS, LIMES, ORANGES, TANGELOS, TANGERINES, CITRUS, KUMQUATS) (21): Citrus Aphids, Cottony-Cushion Scale Crawlers, Soft Scale Crawlers, and Fruit Tree Leafrollers - Use 2/3 to 1 1/2 pounds in 100 gallons of water (maximum 1000 gallons per acre). Citrus Thrips - Use 1 1/2 pounds in 100 gallons of water (maximum 1000 gallons per acre). Citrus Snow Scales - Use 1 1/2 to 2 1/2 pounds per 100 gallons of water (maximum 1000 gallons per acre) as a post-bloom spray and again as a summer spray. Use the higher dosage rate for heavy infestations. Thorough coverage of trunk, limbs, and twigs is essential for good control. Do not apply during bloom.

FIGS (5): Vinegar Flies and Dried Fruit Beetles - Use 1 1/2 pounds in 100 gallons of water. Do not exceed 6 pounds per acre.



DIAZINON® 40 WP

ACTIVE INGREDIENT:
O,O-dierhva 0-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate...50%
INERT INGREDIENTS.....50%

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EPA REG. NO. 1202-263-AA WARNING! KEEP OUT OF REACH OF CHILDREN

May be fatal if swallowed. May be absorbed through skin. Do not breathe dust or spray mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid contamination of food and feed. Keep out of reach of domestic animals. Do not use on humans or household pets. Do not permit children or pets to go on to sprayed areas until spray has completely dried. Do not use where drift is likely to occur. Do not apply to wet surfaces. Do not use under conditions favoring drift from areas treated.

This product is toxic to fish and wildlife. Keep out of lakes, streams, ponds, and rivers. Shrimp and crab may be killed at application rates recommended on the label. Do not apply where these are important resources. Birds feeding on treated areas may be killed. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label.

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

DISPOSE OF WASTES by burying in non-crop lands away from water supplies. Empty bags should be buried with wastes or burned. Keep out of snags.

CONDITIONS OF SALE: Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals, not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material in strict accordance with directions given herewith.



NET WEIGHT

FILBERTS (0): Filbert Leafroller, and Aphids - Use 2 1/2 to 5 pounds in 250 to 600 gallons of water per acre.

GRAPES: Pacific Spider Mites, Leafhopper, Grape Berry Moths, and Grape Leafrollers - Use 1 1/2 pounds per 100 gallons of water and apply to one acre, or apply 2 1/2 pounds per acre in sufficient water for thorough coverage. Phlox Mite - Use 5 pounds per 100 gallons of water, or apply a maximum of 1 1/2 pounds per acre in sufficient water for thorough coverage when insects first appear. Make additional applications at weekly intervals as necessary. Do not apply within 10 days of harvest. If a spreader-sticker is used, do not apply within 15 days of harvest.

OLIVES (75): Olive Scales - Mix 1 to 1 1/2 pounds with 1 1/2 gallons of foliage spray oil per 100 gallons of water. Apply as a cover spray in June or July. Do not apply during bloom to avoid injury to pollinating insects. Do not exceed 30 pounds per acre.

PLUMS, PRUNES (10): Peach Twig Borers, Mealy Plum Aphid Eggs, Scales (San Jose, and Parlatoria), and Brown Almond Mites - Use 1 1/2 pounds plus 1 to 2 1/2 gallons of a dormant oil per 100 gallons of water. Apply as a dormant spray. For a late April or May application, use 1 1/2 pounds plus 1 gallon of foliage spray oil per 100 gallons of water. Brown Mites (Olive Mites), European Red Mites, Aphids (Leaf Curl Plum, Mealy Plum, and Thistle) - Use 2/3 to 1 1/2 pounds per 100 gallons of water. Do not exceed 10 pounds per acre.

PECAN (0): Aphids, Mites, Pecan Nut Casebearers, Walnut Caterpillars - Apply 2 1/2 to 3 pounds per acre as a foliage spray. Do not apply after husks crack.

WALNUTS (0): Aphids, Mites - Use 2 1/2 pounds per acre as a foliage spray. Codling Moths, Scale Crawlers, Walnut Caterpillars - Use 2 1/2 pounds per acre. Do not apply after husks open.

STRAWBERRIES (5): Aphids, Two-Spotted Spider Mites - Use 1 1/2 pounds in 100 gallons of water per acre. Cyclamen Mites - Use 2 1/2 pounds in 100 gallons of water per acre, directing spray to plant crowns. Plants should be sufficiently agitated to assure thorough coverage of the foliage. Make additional post-harvest applications if necessary. Strawberry Leafrollers - Use 1 to 1 1/2 pounds per 100 gallons of water. Apply 200 gallons of spray per acre when blossoms show color.

ORNAMENTAL INSECTS: 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 Yew - 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, European Red Mites, Flea Beetles, Holly Bud Moths, Leafhoppers, Obscure Root Weevils, Omnivorous Leafhoppers, Privet Mites, Scale Crawlers (Cottony-Cushion, Lecanium, Pine Needles, San Jose, Soft Scale), Thrips, Two-Spotted Mites, Webworms, and Whiteflies - Use 2/3 ounce per 3 gallons of water or 1 1/2 pounds per 100 gallons of water. Apple-and-Thorn Skeletonizers, Cotoneaster Webworms, Fall Webworms, Hemlock Borer, Oak Loopers, Orange-Banded Leafrollers, Pear Slugs, and Tent Caterpillars - Use 1 ounce per 3 gallons of water or 3-3/4 pounds per 100 gallons of water. Mimosa Webworms - Mix 2/3 ounces in 3 gallons of water (or 1 1/2 pounds in 100 gallons of water) and apply as a dormant spray when adults first appear. Make a second and third application at 10 day intervals. Do not use on certain ferns, Poinsettia, Hibiscus, and other plants which are susceptible to injury to the plants may occur.

SPRING AND SUMMER INSECTS: Use 2-1/2 to 3-3/4 ounces or 3-3/4 to 7-1/2 pounds per 100 gallons of water. Use the higher rate for heavier infestation. Control of insects on lawns and gardens as follows: Ants, Armyworms, Clover Mites, Collembola (Springtails), Crickets, Cutworms, Digger Wasps, Earwigs, Fruit Flies, Lawn Grubs, Millipedes, and Sowbugs - Apply 5 ounces in 3 gallons of water per 1000 square feet. Spot spray ant hills and wasp ground nest openings. For Lawn Grubs, irrigate the lawn thoroughly immediately after treatment. For Fruit Flies, law grass, water well before treatment but delay application until grass is dry. Do not water until necessary. Brown Dog Ticks, Bermuda Mites, Chiggers, Fleas, Leafhoppers, and Mites - Apply 1-3/4 ounces in 3 gallons of water per 1000 square feet. Do not apply to animals. Brown Dog Ticks, spray grass and under shrubbery, particularly near house. Millipedes - Use 10 ounces in 3 gallons of water. Rhodesgrass Scale - Use 6 ounces in 25 gallons of water per 1000 square feet. Apply when crawlers first emerge. For 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 1-1/2 to 3 ounces in 1 gallon of water. At the same time, spray thoroughly around foundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

ACCEPTED
APR 18 1974
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
ED UNDER NO. 1202-263-AA

LOT NO. 2774CS