

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.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

DO NOT STORE AT TEMPERATURES BELOW 0° F.

For Emergency Assistance Call: 716-735-4765

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. Coverage of upper and lower leaf surfaces is essential for good control. Do not plant root crops other than carrots, potatoes, sweet potatoes and sugar beets as follow-up crops. Observe use limitations. If insect control is required beyond the following use patterns, supplement the control program with other suitable pesticides.

When applying this material by aircraft to row crops listed below, mix the recommended amount with sufficient water to provide a minimum of 1 gallon finished spray per acre. Where more than 2 quarts are recommended mix with sufficient water to provide a minimum of finished spray equal to twice the amount of Thiodan 2 C.O. EC used. Do not use in undiluted form. Observe days interval between last application and harvest indicated by number in () following the crop.

ALMONDS: Peach Twig Borer — Use 4 to 5 quarts per acre for control of early season infestation. Apply during popcorn, pink or petal fall in a minimum of 200 gallons dilute or 40 gallons per acre concentrate. (For areas less than one acre use 1 quart per 100 gallons.). Do not exceed one application per season.

APPLES: Apple Aphid, Rosy Apple Aphid — Use 1 quart per 100 gallons of water or 4 to 5 quarts per acre. Do not make more than 3 applications during the fruiting period nor apply within 21 days of harvest; or do not apply within 30 days of harvest with no limit on the number of applications. Apple Rust Mite — Use 1½ to 2 pints per 100 gallons of water or 6 to 8 quarts per acre. Do not apply more than twice during the fruiting period. Do not feed pomace to livestock. Do not apply within 30 days of harvest.

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FMC

FMC Corporation

Agricultural Chemical Division

MIDDLEPORT, N.Y.
FRESNO, CA.

YAKIMA, WA
RICHMOND, CA

AMENDED
JAN 05 1978
Unlabeled, Fungicide, and Rodenticide Act
is amended, for the pesticide
registered under
EPA Reg. No. 279-2659

CODE
31994

Net Contents
Gallons

THIODAN® 2 C.O. EC

INSECTICIDE

EPA REGISTRATION NO. 279-2659 ZA

EPA Est., 279-CA-1

ACTIVE INGREDIENTS:

BY WT.

*Endosulfan; Hexachlorohexahydromethano-2,4,3-benzodioxathiepin oxide	23.10%
Xylene	20.00%
INERT INGREDIENTS:	56.90%
	100.00%

*Thiodan is a registered trademark of Canadian Hoechst Ltd. U.S. Patent No. 2,799,685. Thiodan 2 C.O. EC contains 2 pounds Endosulfan (Thiodan) per gallon.

WARNING

KEEP OUT OF REACH OF CHILDREN

Hazardous If Swallowed, Inhaled, or Absorbed Through Skin! Do not breathe spray mist. Do not get in eyes, on skin or on clothing. In case of contact, immediately remove contaminated clothing and flush skin or eyes with plenty of water; for eyes, get medical attention. Wash thoroughly with soap and water after handling and before eating or smoking; wear clean clothing. During commercial or prolonged exposure in spray-mixing and loading operations, wear clean synthetic rubber gloves and a mask or respirator of a type passed by the U.S. Bureau of Mines for Thiodan protection. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals. Workers entering treated areas within 24 hours of application should wear protective clothing.

NOTE TO PHYSICIANS: Thiodan is a central nervous system stimulant. Treat symptomatically. There is no specific antidote.

ENVIRONMENTAL AND DISPOSAL CAUTIONS

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

This product is toxic to bees and should not be applied when bees are actively visiting the area. Do not re-use empty 1 and 5 gallon containers. Destroy them by perforating or crushing. Return 30 gallon drum to reconditioner or destroy it by perforating or crushing. Bury or discard in a safe place away from water supplies.

279-2659

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APRICOTS, NECTARINES: Catfacing Insects, Green Peach Aphid, Peach Twig Borer — Use 1 quart per 100 gallons of water or 4 to 5 quarts per acre. Peach Silver Mite — Use 1 pint per 100 gallons of water or 4 to 5 quarts per acre. Do not make more than 2 applications during the fruiting period. Do not apply within 30 days of harvest. Peachtree Borer — Use 1½ quarts per 100 gallons of water (1 quart per 100 gallons of water in Western areas). Spray all bark areas from ground level to scaffold limbs. Do not apply within 21 days of harvest.

CHERRIES (21): Eyespotted Bud Moth (Pacific Northwest Only) — Use 1 quart per 100 gallons of water. Apply during "popcorn" stage of growth. Fruittree Leafroller (Pacific Northwest Only) — Use 1 quart per 100 gallons of water. Apply during pre-pink stage of growth. Plum Nursery Mite — Use 1 quart per 100 gallons of water or 4 to 5 quarts per acre. Do not make more than 2 applications after shuck split.

CITRUS — Non-Bearing Trees and Nursery Stock: Citrus Aphid — Use 1 pint per 100 gallons of water or 5 quarts per acre. Do not apply to bearing trees or trees that will bear fruit within 12 months. NOTE: Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources.

GRAPES (7): Grape Leafhopper — Use 1 quart per 100 gallons of water or 2 to 3 quarts per acre. Rose Chafer — Use 1 quart per 100 gallons of water. Do not apply to Concord variety as severe injury is likely to occur. Ground application equipment preferred.

PEACHES: Black Cherry Aphid, Black Peach Aphid, Catfacing Insects, Green Peach Aphid, Peach Twig Borer, Rusty Plum Aphid — Use 1 quart per 100 gallons of water or 4 to 5 quarts per acre. Peach Silver Mite — Use 1 pint per 100 gallons of water or 4 to 5 quarts per acre. Do not make more than 2 applications during the fruiting period. Do not apply within 30 days of harvest. Peachtree Borer — Use 3 pints per 100 gallons of water (2 pints per 100 gallons of water in Western Areas). Spray all bark areas from ground level to scaffold limbs. Do not apply within 21 days of harvest.

PEARS (7)*: Conspire Stink Bug — Ground treatment, use 1 quart per 100 gallons of water; 200 to 400 gallons per acre applied to orchard floor and around trees prior to bloom. Do not graze livestock in treated orchards. Foliar treatment, use 1 quart per 100 gallons of water or 4 to 5 quarts per acre. Pearleaf Blister Mite — Use 1 to 2 pints per 100 gallons of water applied as a post-harvest or dormant treatment. Do not make more than 2 applications during the fruiting period. (21)*: Pear Psylla — Use 5 quarts in sufficient water to treat 1 acre. (Minimums of 10 gallons per acre for aerial application, 40 gallons per acre for semi-concentrate and 300 gallons per acre for dilute). Apply when adults are first observed or nymphs are small and repeat to maintain control. Do not apply more than five times during the fruiting period. If no more than two applications are made during the fruiting period, may be applied within 7 days of harvest. Note: Aerial application does not result in satisfactory control and should only be employed if impossible to apply by ground.

BEANS, Dry and Succulent (3): Bean LeafSkeletonizer, Black Bean Aphid, Cucumber Beetles, Green Stink Bug, Mexican Bean Beetle — Use 1 to 2 quarts per acre. Do not make more than 3 applications per season. Do not feed treated threshings to livestock or allow to graze in treated fields. Do not use on lima beans that are to be removed from the field for processing.

BROCCOLI (7), BRUSSELS SPROUTS (14), CABBAGE (7), CAULIFLOWER (14): Cabbage Aphid, Cabbage Looper, Cross-Striped Cabbageworm, Diamondback Moth Larvae, Flea Beetle, Harlequin Bug, Imported Cabbageworm, Stink Bug — Use 3 to 4 pints per acre.

CARROTS (7): Green Peach Aphid — Use 1 to 2 quarts per acre. Do not make more than 2 applications. Do not use tops for food or feed.

CELERY (Whole Plant): (7)*: Green Peach Aphid — Use 1 quart per acre. (4)*: Green Peach Aphid, Cabbage Looper — Use 1 to 2 quarts per acre. Do not make more than 2 applications.

LETTUCE (14): Cabbage Looper, Diamondback Moth Larvae, Green Peach Aphid, Imported Cabbageworm — Use 2 quarts per acre. On Head Lettuce do not make more than 3 applications after thinning. Remove outside leaves at harvest. Do not feed crop refuse to livestock. On Leaf Lettuce do not make more than 2 applications per season.

MELONS (0), CUCUMBERS (0), SQUASH (Summer - Winter) (0): Aphids, Cucumber Beetles, Striped Flea Beetle, Melonworm, Pickleworm, Squash Bug, Squash Beetle, Rindworm (watermelon), Squash Vine Borer — Use 1 to 2 quarts per acre. For Squash Vine Borer control, apply weekly to flower buds, stems and vines beginning when moths first appear. Melons only: Cabbage Looper, Omnivorous Leafroller — Use 2 quarts per acre.

POTATOES (0): Aphids, Armyworms, Colorado Potato Beetles, Green Stink Bug, Leaf-footed Bug, Plant Bugs, Potato Flea Beetle, Potato Leafhopper, Potato Tuberworm, Whitefly — Use 1 to 2 quarts per acre. European Corn Borer, Potato Psyllid — Use 3 to 4 pints per acre. False Chinch Bug — Use 2 quarts per acre. Threelined Potato Beetle — Use 1 quart per acre.

TOMATOES (Field and Greenhouse) (1): Blister Beetles, Colorado Potato Beetle, Flea Beetles, Green Peach Aphid — Use 1 quart per acre. Cabbage Looper — Use 3 pints per acre. Stink Bugs — Use 3 to 4 pints per acre. Tomato Fruitworm, Tomato Russet Mite, Yellowstriped Armyworm — Use 2 quarts per acre. Tomato Hornworm — Use 1 to 2 quarts per acre. Whitefly — Use 1 quart per 100 gallons of water using 100 to 200 gallons finished spray per acre.

Dealer Should Sell In Original Packages Only

Terms of Sale or Use on purchase of this product buyer and user agree to the following conditions:
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.

Damages Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

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