



THIODAN E-2

INSECTICIDE

Thiodan E-2 contains 2 pounds Thiodan per gallon

ACTIVE INGREDIENTS:

*Endosulfan (Hexachlorohexahydromethano-2,4,3-benzodioxathiepin oxide)

24.00%

Xylene base aromatic petroleum solvent

69.00%

INERT INGREDIENTS:

7.00%

TOTAL

100.00%

*Thiodan is a registered trademark of Canadian Hoechst Ltd.

U.S. Patent No. 2,799,685

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.

USAGE CAUTIONS

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

This product is toxic to bees and should not be applied when bees are actively visiting the area. Rinse equipment and containers and DISPOSE OF WASTES by burying in non-crop lands away from water supplies. Containers should be smashed and buried with wastes.

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. Do not store at temperatures below 20°F. Do not use or store in or around the home.

EPA REGISTRATION NO. 4581-274

NET CONTENTS _____ GALLONS

SOLD BY

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ACCEPTED

11-5-71

DIRECTIONS FOR USE

To apply mix the required amount of Thiodan E-2 with sufficient water to cover one acre. (By ground apply a minimum of 10 gals. per acre on vegetable or row crops. By air apply sufficient water for thorough coverage but not less than 2 gallons of finished spray per acre on field and vegetable crops. On Tree crops apply by air no less than 15 gallons of finished spray per acre). Apply with continuous agitation. Apply when insects first appear and repeat as required. Do not use in undiluted form. Do not plant root crops other than carrots, potatoes and sweet potatoes as follow-up crops. Observe days interval between last application and harvest indicated by number in () following the crop.

Do not allow this material to drift onto neighboring crops or non-crop areas or 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.

BEANS (3): Black Bean Aphid, Bean Leaf Skeletonizer, Cucumber Beetles, Green Stink Bug, Mexican Bean Beetle—Use 1-2 quarts per acre. Do not make more than 3 applications per season. Do not use on Lima Beans as injury may occur. Do not feed treated threshings to livestock or allow to graze in treated fields.

MELONS (0), CUCUMBERS (0), SUMMER and WINTER SQUASH (0): Aphids, Cucumber Beetles, Striped Flea Beetle, Melonworm, Pickleworm, Squash Beetle, Squash Bug, Rind worm (watermelon)—Use 1-2 quarts per acre. Cabbage Looper (melons), Omnivorous Leafroller (melons)—Use 2 quarts per acre.

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

STRAWBERRIES (4): Cyclamen Mite—Use 1 quart per 100 gallons of water. Apply 800 gallons per acre. Do not reapply within 35 days when fruit is present. Tarnished Plant Bug, Meadow Spittlebug, Strawberry Aphid—Use 2 quarts per acre. (Apply a minimum of 150 gallons of water per acre). Do not reapply within 15 days or more than twice within a 35-day period when fruit is present.

PEARS (7): Conspire Stink Bug, Apple Rust Mite—Use 1 quart per 100 gallons of water (4-5 qts./acre). Do not make more than two applications during the fruiting period. Do not graze livestock on treated orchards. Pear Leaf Blister Mite—Use 1-2 pints per 100 gallons of water. Apply as a post harvest or dormant treatment. To control second generation Pear Psylla use 1½ quarts per 100 gallons of water not to exceed 330 gallons of spray per acre. Apply when nymphs are still small and repeat if necessary in 7-10 days. Do not apply more than 2 applications during the fruiting period.

CHERRIES (21): Black Cherry Aphid, Plum Nursery Mite, Eye-Spotted Bug Moth, Fruit-tree Leafroller—Use 1 quart per 100 gallons of water (4-5 qts./acre). For Fruit-tree Leafroller apply during the pre-pink stage of growth. For Eye-Spotted Bud Moth apply during the popcorn stage of growth. Do not apply more than twice after shuck-split.

PLUMS (7), PRUNES (7): Hop Aphid, Thistle Plum, Leaf Curl Plum Aphid—Use 1 quart per 100 gallons of water. Make applications when eggs hatch, during pre-bloom or petal fall. Summer applications should be made before leaves curl. Peach Twig Borer, Plum Nursery Mite, Fruit Tree Leafroller (Prunes—Pacific Northwest)—Use 1 quart per 100 gallons of water (4-5 quarts per acre). Peach Tree Borer (West Coast)—Use 2-3 pints per 100 gallons of water. Spray thoroughly to cover all bark areas from ground to scaffold limbs.

POTATOES (0): Aphids, Armyworms, Colorado Potato Beetle, Green Stink Bug, Leaf-footed Bug, Plant Bugs, Potato Flea Beetle, Potato Leafhopper, Potato Tuberworm, White Fly, Three-Lined Potato Beetle—Use 1-2 quarts per acre. European Corn Borer, Potato Psyllid—Use 1½-2 quarts per acre. False Chinch Bug—Use 2 quarts per acre.

APPLES: Apple Rust Mite—Use 1½-2 pints per 100 gallons. Apple Aphid, Rosy Apple Aphid—Use 1 quart per 100 gallons. Woolly Apple Aphid—Use 1 quart per 100 gallons (8 quarts per acre). If 5 quarts or less are applied per acre may be applied within 30 days of harvest with no limit on number of applications; or if no more than 3 applications are made during the fruiting period do not apply within 21 days of harvest. Do not feed pomace from treated apples to livestock. If 5.1-8 quarts per acre are applied do not apply more than twice during the fruiting period nor within 30 days of harvest. Do not feed pomace from treated apples to livestock.

NOTICE

Pennwalt Corporation warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. Pennwalt Corporation makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Pennwalt Corporation is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential damages such as loss of profits or values.

