



## DIRECTIONS FOR USE

### NOT FOR USE OR STORAGE IN OR AROUND THE HOME.

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. 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, mix the recommended amount with sufficient water to provide a minimum of 1 gallon finished spray per acre. Where more than 2 quarts of this material are recommended, mix with sufficient water to provide a minimum of finished spray equal to twice the amount of Thiodan 3 EC used. Do not plant root crops other than carrots, potatoes, sweet potatoes, and sugar beets as follow-up crops. Observe days interval between last application and harvest indicated by number in ( ) following the crop.

**ALFALFA**, grown for forage (21): Meadow Spittlebug - 2/3 pint per acre. Apply 1 week after eggs begin to hatch or when first small masses of froth are produced in the crowns of the plant which is usually about the time the alfalfa is 4 to 6 inches tall. Apply in a minimum of 10 gallons of water per acre by ground or 2 gallons of water per acre by air. Do not apply more than once per cutting. Do not graze or cut forage within 21 days of treatment.

**Seed crop only:** Aphids - 1-1/3 pints. Lygus Bugs - 2 to 2-2/3 quarts. Do not feed treated forage to dairy or meat animals. Do not use on forage to be sold commercially or shipped interstate.

**BEANS (3)**, succulent and dry (except Lima Beans): Black Bean Aphid, Bean Leaf-skeletonizer, Cucumber Beetles, Green Stink Bug, Mexican Bean Beetle - 1-1/3 to 2-2/3 pints. Western Bean Cutworm - Use 1-1/3 quarts. Do not exceed 3 applications per season. Do not feed threshings or allow livestock to graze in treated fields.

**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 - 1 to 1-1/3 quarts. Armyworms, Cutworms - 1-1/3 quarts per acre.

**CARROTS (7):** Green Peach Aphid - 1-1/3 to 2-2/3 pints. Do not exceed 2 applications per season. Do not use tops for food or feed.

**CELERY (7)\*:** Green Peach Aphid - 1-1/3 pints. \*(4): Green Peach Aphid, Cabbage Looper - 2-2/3 pints. Do not exceed 3 applications per season.

**CUCUMBERS (0), MELONS (0), SUMMER & WINTER SQUASH (0):** Aphids, Cucumber Beetles, Striped Flea Beetle, Melonworm, Pickleworm, Rindworm (on watermelons), Squash Beetle, Squash Bug, Squash Vine Borer - 1-1/3 to 2-2/3 pints. For Vine Borer control, apply weekly to flowerbuds, stems and vines beginning when moths first appear. For Cabbage Looper and Omnivorous Leafroller on Melons use 1-1/3 quarts.

**EGGPLANTS (1):** Colorado Potato Beetle, Flea Beetle, Green Peach Aphid, Whitefly - 1-1/3 pints per acre.

**LETTUCE (14):** Cabbage Looper, Green Peach Aphid, Diamondback Moth Larvae, Imported Cabbageworm - 1 to 1-1/3 quarts. Do not exceed 3 applications after thinning head lettuce and remove outside leaves at harvest. Do not exceed 2 applications per season on leaf lettuce. Do not feed crop refuse to livestock.

**MUSTARD GREENS (21):** Aphids, Cabbage Looper, Imported Cabbageworm - 1 quart per acre. Do not exceed 1 application per season.

**PEAS**, succulent (0): Pea Aphid, Pea Weevil - 1-1/3 to 2-2/3 pints per acre. Do not exceed 2 applications during the fruiting period. Use only on peas to be harvested by combine. Do not feed treated vines to livestock or allow to graze in treated fields.

# ACCEPTED THIODAN 3 E

APR 09 1975

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 11656-28.

## INSECTICIDE

E.P.A. REGISTRATION NO. 11656-28

### ACTIVE INGREDIENTS:

* Endosulfan (Hexachlorohexahydromethano-2,4,3-benzodioxathiepin oxide)	33.70%
Xylene base aromatic petroleum solvent	60.50%

### INERT INGREDIENTS:

TOTAL	100.00%
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\* Thiodan® is a registered trademark of Canadian Hoechst Ltd.  
U.S. Patent No. 2,799,685.  
Thiodan 3 EC contains 3 pounds 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 stimulant. Treat symptomatically. There is no specific antidote.

### ENVIRONMENTAL AND DISPOSAL CAUTIONS

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

Do not use, pour, spill or store near heat or open flame. Do not store at temperatures below 20° F.

### NOTICE OF WARRANTY

WESTERN FARM SERVICE, INC. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE OR OTHERWISE, EXPRESS OR IMPLIED, concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label.

### DIRECTIONS FOR USE (continued)

**PEPPERS (4)\*:** Green Peach Aphid, Flea Beetles, Hornworms, Pepper Maggot - 1-1/3 to 2-2/3 pints. \*(1): If maximum of 1-1/3 pints per acre is applied.

**POTATOES (0):** Aphids, Armyworms, Colorado Potato Beetle, Green Stink Bug, Leaf-footed Bug, Potato Flea Beetles, Potato Leafhopper, Potato Tuberworm, Whitefly - 1-1/3 to 2-2/3 pints per acre. European Corn Borer, Potato Psyllid - 1 to 1-1/3 quarts per acre. Threelined Potato Beetle - 1-1/3 quarts per acre.

**SAFFLOWER:** Green Peach Aphid - 1-1/3 quarts per acre. Do not apply after flower heads open.

**SPINACH (21):** Crown Mite, Green Peach Aphid - 1 quart. Do not exceed 1 application per season.

**STRAWBERRIES (4):** Cyclamen Mite - 2-2/3 quarts per acre in 400 gallons of water. Do not reapply within 35 days when fruit is present. Meadow Spittlebug, Strawberry Aphid, Tarnished Plant Bug - 1-1/3 quarts per acre in 200 gallons of water. Do not reapply within 15 days or more than twice within a 35 day period when fruit is present.

**SUGAR BEETS (30):** Green Peach Aphid - 2/3 to 1-1/3 quarts. Do not feed treated tops to livestock.

**SWEET CORN, Fresh Vegetable Use Only (0):** Corn Leaf Aphid - 1-1/3 quarts. Corn Earworm - 2 quarts. Apply at 2 to 3 day intervals beginning when silks first appear and continuing until they begin to dry. Do not exceed 5 applications per season. Do not apply to sweet corn to be processed. Do not feed treated forage or ensilage to livestock or allow to graze in treated fields.

**SWEET POTATOES (0):** Sweet Potato Flea Beetle - 2/3 quart per acre. Begin applications shortly after transplanting or as soon as Flea Beetles appear. Work into the soil to a depth of approximately 3 inches making a single treatment just prior to plant set. Do not feed treated potatoes to livestock.

**TOMATOES (Field and Greenhouse) (1):** Blister Beetle, Colorado Potato Beetle, Flea Beetle, Green Peach Aphid - 2/3 quart. Hornworms - 2/3 to 1-1/3 quarts. Tomato Russet Mite, Tomato Fruitworm, Yellow-striped Armyworm - 1-1/3 quarts. Stink Bugs - 1 to 1-1/3 quart. Cabbage Looper - 1 quart. Whitefly - 2/3 quart per 100 gallons in 100 to 200 gallons water.

**APPLES (30):** Aphids (Apple, Rosy Apple, Woolly Apple) - 2/3 quart per 100 gallons or 2-2/3 to 3-1/3 quarts per acre. Apple Rust Mite - 1/3 to 2/3 quart per 100 gallons or 4 to 5-1/3 quarts per acre. Do not feed pomace from treated apples to livestock. Do not exceed 2 applications during the fruiting period.

**CHERRY (21):** Plum Rust Mite - 2/3 quart per 100 gallons or 2 to 3-1/3 quarts per acre. Do not exceed 2 applications after shuck split.

**PEACHES (30), APRICOTS (30), NECTARINES (30):** Aphids (Black Cherry, Black Peach, Green Peach, Rusty Plum), Catfacing Insects, Peach Tree Borer - 2/3 quart per 100 gallons or 2-2/3 to 3-1/3 quarts per acre. Lesser Peach Tree Borer - 1 quart per 100 gallons. Peach Silver Mite - 1/3 quart per 100 gallons or 2-2/3 to 3-1/3 quarts per acre. Do not exceed 2 applications during fruiting period. For Lesser Peach Tree Borer, thorough wetting of trunks and main branches is important.

**PLUMS (7), PRUNES (7):** Lesser Peach Tree Borer - 1 quart per 100 gallons or 2-2/3 to 3-1/3 quarts per acre. Apply spray to thoroughly wet trunks and main branches. Peach Tree Borer - 1 quart per 100 gallons or 2-2/3 to 3-1/3 quarts per acre. Spray thoroughly to cover all bark areas from ground to scaffold limbs.

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

**PEARS (7):** \* Conspire Stink Bug - Ground treatment, use 2/3 quart per 100 gallons, 200 to 400 gallons spray per acre applied to orchard floor and ground around trees prior to bloom. Do not graze livestock in treated orchards. Foliar treatment, use 2/3 quart per 100 gallons or 2-2/3 quart to 3-1/3 quarts per acre. Stink Bugs must be wet to obtain control. Pear Rust Mite - 2/3 quart per 100 gallons or 2-2/3 to 3-1/3 quarts per acre. Pearleaf Blister Mite - 1/3 to 2/3 quart per 100 gallons applied as a post-harvest or dormant treatment. Pear Psylla - 3-1/3 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. Make no more than 2 applications during the fruiting period. \*(21): Make no more than 5 applications during the fruiting period. NOTE: Aerial application does not result in satisfactory control and should only be employed if impossible to apply by ground.

MANUFACTURED IN U.S.A. BY

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## NET CONTENTS: 5 GALLONS