



THIODAN 3 EC

INSECTICIDE

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 meadow spittlebugs 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 Leafskeltonizer**, **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.

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.

POTATOES (0): **Aphids**, **Armyworms**, **Colorado Potato Beetle**, **Green Stink Bug**, **Leafhopper**, **Potato Flea Beetle**, **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.

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

ACTIVE INGREDIENTS:

*Endosulfan (Hexachlorohexahydromethano-2,4,3-

benzodioxathiepin oxide)

Xylene base aromatic petroleum solvent

INERT INGREDIENTS

*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.

By Weight

33.70%

60.50%

5.80%

100.00%

E.P.A. No. 11682-23

WARNING

Keep Out of Reach of Children

May Be Fatal 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.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. DO NOT STORE AT TEMPERATURES BELOW 20° F.

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 reuse 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.

A PRODUCT OF

SIM-CHEM

MINERALS AND CHEMICALS DIVISION • J. R. SIMPLOT COMPANY

Post Office Box 810

Mountain Home, Idaho 83647

EPA Est. No. 089171D01

NET CONTENTS

GALLONS

processed. Do not feed

APPLES (30): **Aphids**

1-1/3 quarts per acre.

Do not apply during the

CHERRY (21): **Plum**

Do not exceed 2 applic

PEACHES (30): **Aph**

Green Peach, **Rusty Pl**

2-2/3 quarts per acre.

Do not apply during the

PLUMS (7), PRUNES

quarts per acre. Apply

1 quart per 100 gallon

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limbs timed with moth

GRAPES (7): **Grape L**

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PEARS (7): * **Conspers**

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gallons applied as a po

water to treat 1 acre.

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observed or nymphs are

during the fruiting per

NOTE: Aerial applicat

if impossible to apply t

NOTICE: Seller warrant

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conditions of use, but

or **FITNESS FOR A P**

product contrary to la

reasonably foreseeable



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APPLES (30): Aphids (Apple, Rosy Apple, Woolly Apple) — 2/3 quart per 100 gallons or 2-2/3 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 2-2/3 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), Galling Insects, Peach Twig 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. Make applications during appearance of the moths in early to late summer. Apply 2-3 sprays to trunk from ground to scaffold limbs timed with moth flight.

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 use on Concord variety as severe injury is likely to occur. Ground application preferred.

PEARS (7):* Conspire Stink Bug — Ground application — 2/3 quart per 100 gallons, 200 to 400 gallons spray per acre applied to orchard floor around trees prior to bloom. Do not graze livestock in treated orchards. **Folia** — Ground application, use 2/3 quart per 100 gallons or 2-2/3 to 3-1/3 quarts per acre. **Stink Bugs** must be present 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.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.