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**ACCEPTED**  
 NOV 16 1971  
 U.S. DEPT. OF AGRICULTURE  
 THE FEDERAL INSECTICIDE

**DIRECTIONS**

Pour recommended amount of this material in partly filled spray tank. Add remainder of water to fill tank. Keep agitator running during mixing and spraying operations. Do not allow mixture to stand. If concentrate does not mix readily but tends to separate as an oily layer, do not use as injury to plants may result. Do not combine emulsifiable liquids with wettable powders in the same spray tank unless previous use of the materials being combined has proven them to be physically compatible.

**RECOMMENDATIONS**

**APPLES:** For apple aphid, use 1 quart in 100 gallons of water. Applications may be made up to 30 days before harvest with no limitation on the number of applications, or up to 21 days before harvest provided no more than 3 applications are made during the fruiting period. Do not feed pomace to livestock.

**PEACHES, APRICOTS AND NECTARINES:** For cutting insects, green aphid, peach twig borer, use 1 quart in 100 gallons of water. For lesser peach tree borer, use 1½ quarts in 100 gallons of water and thoroughly wet the trunks and main branches. Do not apply within 30 days of harvest or make more than 2 applications during fruiting period.

**BEANS:** For Mexican bean beetle, use 1 quart per acre in sufficient water for thorough coverage. Apply when insects first appear and repeat as necessary. Treat upper and lower leaf surfaces. Do not apply more than 3 times per season. Do not apply within 3 days of harvest. Do not feed treated threshings to livestock or allow livestock to graze in treated fields. Do not use on lima beans that are being removed from the field for processing.

**CABBAGE, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER:** For cabbage aphid, cabbage loopers, imported cabbageworm, diamond-back moth larvae, cross-striped cabbageworm, flea beetle, harlequin bug and stink bug; use 1½ to 2 quarts per acre in sufficient water for thorough coverage. Apply when first signs of worm feeding appear and repeat as necessary. Do not apply within 7 days of harvest on cabbage and broccoli. Do not apply within 14 days of harvest on Brussels sprouts and cauliflower.

**CUCUMBERS, MELONS, PUMPKINS, SUMMER SQUASH AND WINTER SQUASH:** For apl'd. cucumber beetle, striped cabbage flea beetle, squash vine borer, use 1 to 2 quarts per acre in sufficient water for thorough coverage. For vine borer, apply weekly to flower buds, stems and vines beginning when moths first appear. May be applied up to day of harvest.



# Farmerite Thiodan EC-2

An emulsifiable concentrate for use in water as an agricultural insecticide.

Thiodan is a registered trademark of Canadian Hoechst Limited.

**ACTIVE INGREDIENTS:**

Endosulfan*	24.00%
Xylene	69.00%

<b>INERT INGREDIENTS</b>	<b>7.00%</b>
Hexachlorohexahydromethano 2,4,3 benzodioxathiepin oxide	100.00%

Thiodan<sup>®</sup> EC-2 contains 2 pounds of endosulfan per gallon.

## WARNING KEEP OUT OF REACH OF CHILDREN

Hazardous if swallowed, inhaled, or absorbed through skin! Do not breathe dust or spray mist. Do not get in eyes, on skin or clothing. In case of contact, immediately remove contaminated clothing and flush skin and 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.

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. 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. Not for use or storage in or around the home.

Workers entering treated areas the day of application should wear protective clothing.

Do not store at temperatures below 0°F. Do not use in undiluted form.

**WARNING:** Flammable. Keep away from heat and open flame. Keep containers used. Empty packages should be removed to a safe place.

Do not reuse empty container. Destroy it by perforating or crushing.

Manufactured by

General Office

**NET GALLONS**



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**WARNING:** Flammable. Keep away from heat and open flame. Keep container closed. Leaking packages should be removed to a safe place.

Do not reuse empty container. Destroy it by perforating or crushing. Burial should be in a safe place.

Manufactured by

AGRI-CHEMICAL CORP. (A-10)

General Offices

Hagerstown, Maryland

**NET . . . . . GALLONS**

**EGGPLANT, PEPPERS AND TOMATOES:** For aphids, blister beetle, Colorado potato beetle, flea beetle, green stink bug, green peach aphid, whitefly, use 1 quart per acre in sufficient water for thorough coverage. For hornworm, use 1 to 2 quarts per acre. Begin when insects appear and repeat as necessary. Do not apply within 1 day of harvest.

**SOYBEANS:** For green stink bug, Mexican bean beetle, use 1 quart per acre in sufficient water for thorough coverage. Begin application when insects appear. Do not apply after pods start to form. Do not feed threshings to livestock.

**STRAWBERRIES:** For strawberry aphid, meadow spittlebug, use 1 to 2 quarts in sufficient water for thorough coverage of an acre. Do not apply at intervals of less than 15 days or more than twice during any 35 day period. Do not apply within 4 days of picking. For cyclamen mite in Eastern areas, apply 4 quarts in 400 gallons of water per acre. Do not apply at intervals of less than 35 days nor within 4 days of harvest.

**POTATOES:** For Potato flea beetle, Colorado potato beetle, Potato leafhopper and aphids in Eastern areas, use 1 quart per acre. For Southern armyworm, green stink bug, potato tuber worm and whitefly, use 1 to 2 quarts per acre. For European corn borer, use 1 1/2 to 2 quarts per acre. Use in sufficient water for thorough coverage. Apply as needed up to harvest. Do not plant root crops other than carrots, potatoes and sweet potatoes as follow-up crops.

**TOBACCO:** For flea beetle, hornworm, budworm, green peach aphid, cabbage looper, SEED BED: use 1 quart per 100 gallons of water and apply 6 gallons per 100 square yards. FIELD: use 1 to 2 quarts per acre in sufficient water for thorough coverage. Do not apply within 5 days of harvest. For green June bug larvae, use 1 pint per 100 gallons of water and apply 1 gallon of mixture as a drench per square yard of plant bed at first sign of larvae activity.

**WATERCRESS:** For cyclamen mite, use 1 to 2 quarts per acre in sufficient water for thorough coverage. Make first application after cutting, before new growth starts. Make second application 7 to 10 days later. Do not apply within 7 days of harvest.

**ORNAMENTALS: (Greenhouse and out-of-doors)** For aphids, whitefly and cyclamen mites, use 1 quart in 100 gallons of water - apply as necessary. Cover thoroughly. In greenhouse applications, wear mask or respirator passed by U.S. Bureau of Mines for Thiodan protection. Thiodan applications may cause severe injury on birch trees. Thiodan emulsifiable concentrates may cause injury on Bonmaton Deluxe and certain other varieties of chrysanthemums.

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