

Code 31992

Pounds Net Weight

Ethion 25 Thiodan 25 Wettable Powder

Insecticide-Miticide

For Agricultural or Commercial Use Only

EPA Reg No. 279-2636 EPA Est., 279-

Active Ingredients:

Ethion; (O,O,O',O'-Tetraethyl S,S'-methylene bisphosphorodithioate)	25.0%
*Endosulfan; (Hexachlorohexahydromethano-2,4,3-benzodioxathiepin oxide)	25.0%
Inert Ingredients:	50.0%
	100.0%

*Thiodan is a registered trademark—Hoechst AG

**KEEP OUT OF REACH OF CHILDREN
WARNING**

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger or blunt object. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

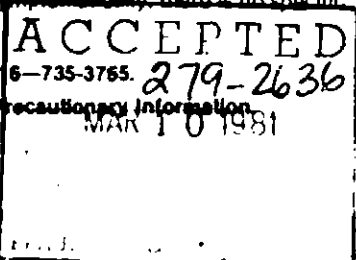
If inhaled: Remove victim to fresh air. Apply respiration if indicated.

If on skin: Remove contaminated clothing and wash contaminated skin with soap and water.

If in eyes: Flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Note to Physicians: Ethion is a cholinesterase blocking organophosphate. Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine. Endosulfan is a central nervous system stimulant; treat symptomatically; there is no specific antidote.

For Emergenc / Assistance Call 716-735-3765. 279-2636
See Other Panels for Additional Precautionary Information



FMC Corporation
Agricultural Chemical Group
2000 Market Street
Philadelphia Pennsylvania 19103

PA 680

PRECAUTIONARY STATEMENTS

Hazards to Humans (& Domestic Animals)

Warning

May be Fatal if swallowed, inhaled or absorbed through skin. Do not breathe dust or 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 exposure in spray-mixing and loading operations wear clean synthetic rubber gloves and a mask or respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals.

Environmental Hazards

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, ponds and streams. Do not contaminate water by cleaning of equipment or disposal of wastes and containers. Apply this product 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 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Dispose of container in an incinerator or landfill approved for pesticide containers, or bury in a safe place. Do not reuse this container. Consult Federal, State or local disposal authorities for approved alternative procedures.

Workers entering treated areas within 24 hours of application should wear protective clothing.

Do not use in combination with Lime Sulfur solution, Polysulfide Compound, Copper Bordeaux or other alkaline materials.

Apply when pests first appear and repeat as required. Use the recommended rates in sufficient water to thoroughly cover one acre (Use a minimum of 10 gallons of finished spray per acre unless otherwise specified). Observe days interval between last application and harvest indicated by number in () following the crop.

Apply with equipment with sufficient agitation to keep this product in solution at all times.

Page 1 of 2 EPA REG. NO. 279-2636

4.1

Almonds (30): Clover (Brown Almond) Mite, European Red Mite, Peach Twig Borer, Twospotted Spider Mite—Use 2 pounds per 100 gallons of water. Do not exceed 400 gallons of spray per acre. Do not make more than one application during fruiting period. Do not feed treated hulls to livestock.

Apples: Apple Rust Mite, Clover (Brown Almond) Mite, European Red Mite, Twospotted Spider Mite, Apple Aphid, Rosy Apple Aphid—Use 2 pounds per 100 gallons of water. If no more than 10 pounds of material are applied per acre, apply no more than 3 applications during the fruiting season nor closer than 30 days before harvest. If 10-16 pounds of this material are applied per acre, make no more than 2 applications per season nor apply closer than 40 days before harvest. Do not feed pomace from treated apples to livestock.

Beans: Bean (Black Bean) Aphid, Bean Leafskeltonizer, Cucumber Beetle, Green Stink Bug, Mexican Bean Beetle, Cowpea Curculio, Bean Leaf Beetle, Twospotted Spider Mite, Potato Leafhopper—Use 2-4 pounds per acre. Lygus Bug—Use 4 pounds per acre. At the 2 pound per acre rate, do not apply within 3 days of harvest. At a rate above 2 pounds per acre, do not apply within 4 days of harvest. At all rates, do not make more than 3 applications per season. Do not feed treated foliage or threshings to livestock nor allow livestock to graze in treated fields. Do not use on lima beans that are to be removed from the field for processing.

Cotton: Cotton Leafperforator, Cotton Leafworm, Lygus Bugs, Mirids, Spider Mites—Use 4 to 6 pounds per acre. Do not apply after bolls open. Do not graze meat or dairy animals in treated fields. Workers entering treated fields within 24 hours should wear protective clothing.

Cucumbers (0), Summer Squash (0): Serpentine Leafminer, Twospotted Spider Mite, Aphids, Cucumber Beetles, Melonworm, Pickleworm, Squash Bug, Squash Beetle—Use 2 pounds per acre.

Eggplant (1): Twospotted Spider Mite, Blister Beetle, Colorado Potato Beetle, Flea Beetle, Green Peach Aphid, Green Stink Bug, Whitefly—Use 2 pounds per acre.

Grapes: Grape Leafhopper, Rose Chafer, Twospotted Spider Mite, Willamette Mite—Use 4-5 pounds per acre. Apply in a minimum of 200 gallons of water per acre. Do not apply within 60 days of harvest with no limit as to number of applications. If no more than 2 applications are made during the fruiting period do not apply within 30 days of harvest. Do not apply to Salvador, Muscat or Fehr-Szago varieties of grapes.

Melons (Cantaloupes, Honeydews, Muskmelons, Watermelons) (0): Melon Leafhopper, Melon Leafminer, Serpentine Leafminer, Twospotted Spider Mite, Petrobia Mite (California Only), Aphids, Cucumber Beetles, Striped Cabbage Flea Beetles, Melonworm, Pickleworm, Squash Beetle, Squash Bug, Squash Vine Borer—Use 2-4 pounds per acre. Cabbage Looper, Omniverous Leafroller—Use 4 pounds per acre.

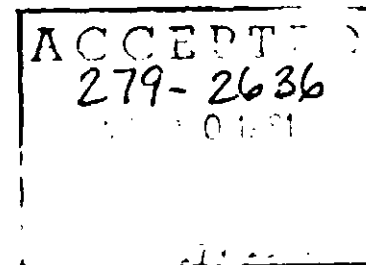
Peppers (1): Flea Beetle, Green Peach Aphid, Hornworm, Pepper Maggot, Serpentine Leafminer, Twospotted Spider Mite—Use 2 pounds per acre.

Plums, Prunes (45): Clover (Brown Almond) Mite, European Red Mite, Fruittree Leafroller, Hop Aphid, Leafcurl Plum Aphid, Mealy Plum Aphid, Peach Twig Borer, Plum Nursery (Rust) Mite, Thistle Aphid, Twospotted Spider Mite—Use 2 pounds per 100 gallons of water. Do not exceed 500 gallons of spray per acre. Do not apply more than twice during fruiting period.

Strawberries (4): Meadow Spittlebug, Strawberry Aphid, Strawberry Leafroller, Tarnished Plant Bug, Twospotted Spider Mite—Use 4 pounds per acre. Apply in a minimum of 150 gallons of water per acre. Do not reapply within 15 days nor more than twice within a 35-day period when fruit is present.

Tomatoes (2): Leafminer, Tropical Spider Mite, Twospotted Spider Mite, Blister Beetle, Colorado Potato Beetle, Flea Beetle, Green Peach Aphid, Tomato Hornworm, Whitefly—Use 2 pounds per acre. Do not apply where runoff is likely to occur.

Walnuts: European Red Mite, Twospotted Spider Mite, Walnut Aphid, Walnut Husk Fly—Use 8 pounds per acre in sufficient water for thorough coverage. Do not apply after husk split. Do not apply more than twice during fruiting season. Do not graze livestock in treated groves within 21 days of treatment.



Dealers 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.

(31902 12/80-PA)

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FMC

FMC Corporation
Agricultural Chemical Group
2000 Market Street
Philadelphia Pennsylvania 19103

PA 670

ACCEPTED
MAR 10 1981
Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under EPA Reg. No. 279-2636

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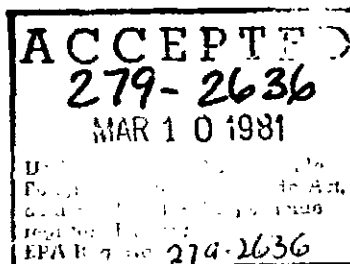
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Tomatoes (2): Leafminer, Tropical Spider Mite, Twospotted Spider Mite, Blister Beetle, Colorado Potato Beetle, Flea Beetle, Green Peach Aphid, Tomato Hornworm, Whitefly—Use 2 pounds per acre. Do not apply where runoff is likely to occur.

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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.

(31992-12/80-PA)