

Code 31217

Net Contents
Gallons

Ethion 8 EC

Insecticide - Miticide
For Agricultural or Commercial Use Only
EPA Reg. No. 279-2820 EPA Est.

Active Ingredients:	
Ethion: O,O,O',O'-tetraethyl S,S'-methylene bisphosphorodithioate	81.90%
Inert Ingredients	18.10%
	100.00%

Contains 8 pounds Ethion per gallon

KEEP OUT OF REACH OF CHILDREN

☠ DANGER—POISON ☠

First Aid

If **swallowed**, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Never give anything by mouth to an unconscious person. Get medical attention. If breathing has stopped, start artificial respiration immediately and maintain until a doctor sees victim.

If in **eye**, flush with water for 15 minutes and get immediate medical attention.

If on **skin or clothing**, immediately flush skin or eyes with water for 15 minutes while removing contaminated clothing and shoes.

Antidote

Note To Physician: Active ingredient is a cholinesterase inhibitor. Patient should be kept under observation for 48 hours. Atropine is antidotal. Give 4 mg atropine sulfate intramuscularly or intravenously as soon as cyanosis is overcome. Repeat every 15 minutes until patient is fully atropinized. 2-PAM is also antidotal and may be administered in conjunction with atropine. Never give morphine.

For Emergency Assistance Call 716-735-3765

See Other Panels For Additional Precautionary Information.

ACCEPTED
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FMC Corporation
Agricultural Chemical Group
2000 Market Street
Philadelphia Pennsylvania 19103

PRECAUTIONARY STATEMENTS

Hazards To Humans (and Domestic Animals)

Danger

Poisonous if swallowed, inhaled or absorbed through skin. Do not breathe vapor or spray mist. Do not get in eyes, on skin or on clothing. Wear a mask or pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and the National Institute for Occupational Safety and Health. Wash hands, face and arms thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash with soap and hot water before reuse.

Environmental Hazards

This product is toxic to fish and wildlife. Keep out of lakes, ponds and streams. Do not contaminate water by cleaning of equipment or disposal of wastes and containers. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply when weather conditions favor drift from the areas treated. Do not apply where run-off is likely to occur. 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.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

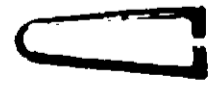
DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use or storage in or around the home.

Storage and Disposal
Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide, spray mixture or rinse 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. Empty drums may be resealed and offered for reconditioning. Otherwise, to dispose of containers, triple rinse (or equivalent) and offer for recycling, reconditioning or disposal in an approved landfill or bury in a safe place away from water supplies. Do not reuse empty containers. Do not cut or weld this container. Consult Federal, State or local disposal authorities for approved alternative procedures. Do not store below 0° F.

Do not use if material does not emulsify.

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 with dilute or concentrate sprayers, 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 are recommended mix with sufficient water to provide a minimum of finished spray equal to twice the amount of Ethion 8 EC used. Do not use in undiluted form. Observe days interval between last application and harvest indicated by the number in () following the crop.



Almonds (Dormant or Delayed Dormant): Brown Mite, European Red Mite. 6 fluid ounces plus 1 to 2 gallons dormant oil per 100 gallons water. Olive Scale. 8 fluid ounces plus 3 gallons dormant oil per 100 gallons water. San Jose Scale. 4 to 6 fluid ounces plus 2 gallons dormant oil per 100 gallons water. Apply during dormant or delayed dormant period. **Foliar:** Brown Mite, European Red Mite and Twospotted Spider Mite. Use 1 to 2 1/2 pints per acre. By ground, apply a minimum of 200 gallons of water per acre, by air a minimum of 15 gallons of water per acre. At 1/2 to 2 pints per acre, do not apply more than once during the fruiting period nor within 30 days of harvest. When 2 to 2 1/2 pints per acre are used, do not apply after husks split. Do not graze livestock in treated groves.

Apples (Dormant or Delayed Dormant): Apple Aphid, European Red Mite, Rosy Apple Aphid, San Jose Scale. 4 to 8 fluid ounces plus 2 gallons dormant oil per 100 gallons water. Superior type oil of 60 to 70 second viscosity preferred for delayed dormant use. **Summer:** Brown Mite, European Red Mite, Twospotted Spider Mite. Use 1 pint per 100 gallons of water (Maximum of 2 1/2 pints per acre). Apply during the fruiting period if making no more than 4 applications, wait 40 days before harvest. If making more than 3 applications, wait 30 days before harvest if making no more than 2 applications, wait 20 days before harvest. **Codling Moth.** Use 1 pint per 100 gallons of water (maximum of 5 pints per acre). If making no more than 4 applications, wait 60 days before harvest. If making more than 4 applications, wait 40 days before harvest. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not use ethion (Astrachem, Pratt, Meba, NJ No. 3, Brite Mac), Weathry, Williams Red (Red Williams), Yellow Transparent or any other material with it before Early McIntosh as injury is likely to occur.

Beans (Succulent and Dry) (2): Bean Leaf Beetle, Mexican Bean Beetle, Twospotted Spider Mite. 4 to 8 fluid ounces per acre. **Pinto (leaf) (1):** 8 fluid ounces per acre. **Beans (4):** Lygus Bugs. 1 pint per acre. Do not feed treated foliage to livestock.

Cherries: Black Cherry, Aphid, San Jose Scale. 4 to 6 fluid ounces plus 2 gallons dormant oil per 100 gallons water. Apply during dormant or delayed dormant period.

Chestnuts: Aphids, Mites. Use 2 1/2 pints per acre. Do not apply more than twice during the fruiting period. Do not apply after husks split. Do not graze livestock in treated groves.

Corn, Field (50): Pacific Spider Mite, Twospotted Spider Mite. 1 pint per acre. Do not make more than 1 application after ear formation. Do not feed treated foliage to livestock.

Cotton: Aphids. Use 1 to 1 1/2 pints per acre. Cotton Leafworm. Use 1 pint per acre. Spider Mites. Use 1 to 1 1/2 pints per acre. Spider Mites, Lygus Bugs and other Mites on **West Coast only.** Use 1 to 1 1/2 pints per acre. Do not apply after boll set. Do not graze livestock in treated fields. Workers entering treated fields within 24 hours following application should wear protective clothing.

Cucumbers (0), Summer Squash (0): Serpentine Leafminer, Twospotted Spider Mite. 8 fluid ounces per acre.

Eggplant (0): Twospotted Spider Mite. Use 4 to 8 fluid ounces per acre.

Faberts: Aphids, Mites. 1 quart per acre. Do not apply more than twice during fruiting period. Do not apply when nuts are visible. Do not graze livestock in treated groves.

Grapefruit (0), Lemons (21), Limes (21), Oranges (0), Tangelos (0), Tangerines (0): Citrus Red Mite, Citrus Rust Mite, Sixspotted Mite, Scales (Black, Brown, S. California Red, Yellow, White, Chaff, Glover, and Citrus Whitefly), Ear Mites. Use 4 to 6 pints per acre. For scales and Citrus Whitefly use 4 to 6 fluid ounces per 100 gallons of water. Do not treat more than 200 gallons summer oil. **West Coast:** For Whitefly, apply shortly after eggs have been laid. Do not apply more than 2000 gallons spray per acre. **West Coast:** For Ear Mites, apply 2 to 3 pints per acre. Apply when they first appear and before they exceed 1 to 3 T/100 per acre. Do not apply more than once per season. **California and Arizona only:** Use 2 to 3 pints per acre. Apply when they first appear and before they exceed 1 to 3 T/100 per acre. Do not apply more than once per season. Do not apply within 7 weeks of a split or harvest.

Grapes (30): Grape Leafhopper, Twospotted Spider Mite, W. Grape Mite, West Coast Scale. Use 1 to 2 pints per acre. When used at rate of 1 pint per acre, use 1 to 2 pints per acre. Do not apply within 30 days of harvest or more than twice during the fruiting period. Do not apply within 30 days of harvest with oil on the leaves. Do not apply more than once per season. At later stages, 1 pint per acre, make only 1 application per season. Do not apply to a variety of grape that is susceptible to Szaq varieties of grapes.

Melons (0): Melon Leafhopper, Serpentine Leafminer, Twospotted Spider Mite. Use 1 pint per acre. Melon Leafhopper. Use 1 to 1 1/2 pints per acre. Do not apply more than once per season. Do not apply to a variety of melon that is susceptible to Szaq varieties of melons.

Nectarines, Peaches (Dormant or Delayed Dormant): Brown Mite, European Red Mite, Olive Scale. 8 fluid ounces plus 3 gallons dormant oil per 100 gallons water. San Jose Scale. 4 to 6 fluid ounces plus 2 gallons dormant oil per 100 gallons water. Do not apply on Nectarines after foliage or bud parts start to form.

Nectarines (30), Peaches (30): Brown Mite, European Red Mite, Twospotted Spider Mite. 4 fluid ounces per 100 gallons water. At 1 to 1 1/2 pints per acre, do not apply more than twice during fruiting period.

Ornamentals (Greenhouse): Millipedes. Soil Treatment. Use 5 fluid ounces in 75 gallons of water and apply to 2500 square feet of bench space. Wear mask or respirator approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health for ethion protection. **(Out-of-doors):** Twospotted Spider Mite. Use 4 fluid ounces per 100 gallons of water. May cause some needle drop on Anderson Yew.

Pears: (Dormant or Delayed Dormant): Brown Mite, European Red Mite, San Jose Scale. 6 fluid ounces plus 1 to 2 gallons dormant oil per 100 gallons water. **Summer:** Brown Mite, European Red Mite, Twospotted Spider Mites. Use 1 to 1 1/2 pints per 100 gallons of water (Maximum of 2 1/2 pints per acre). Do not make more than 3 applications after the first cover spray nor apply within 30 days of harvest, or do not make more than 2 applications after the first cover spray nor apply within 20 days of harvest. **Pear Psylla.** Use 1 to 1 1/2 pints per 100 gallons of water (Maximum of 5 pints per acre). Apply just before bloom if insects are present. Repeat 30 days later if necessary. Do not make more than 3 applications after the first cover spray nor apply within 60 days of harvest.

Pecans: Aphids and Mites. Use 2 1/2 pints per acre. Do not apply more than twice during the fruiting period. Do not apply after husks split. Do not graze livestock in treated groves.

Pepper (0), Pimento (0): Serpentine Leafminer. Use 1 pint per acre. Twospotted Spider Mite. Use 1 to 1 1/2 pints per acre.

Plums, Prunes (Dormant or Delayed Dormant): Brown Mite, European Red Mite, Leaf Curl Plum Aphid, Mealy Plum Aphid. 6 fluid ounces plus 1 to 2 gallons dormant oil per 100 gallons water. Olive Scale. 8 fluid ounces plus 3 gallons dormant oil per 100 gallons water. San Jose Scale. 4 to 6 fluid ounces plus 2 gallons dormant oil per 100 gallons water. **Summer:** Brown Mite, European Red Mite, Twospotted Spider Mite. Use 1 pint per 100 gallons of water (Maximum of 1 1/2 pints per acre). Do not make more than 3 applications during the fruiting period or apply within 21 days of harvest. **Pear Leafhopper.** Use 1 to 1 1/2 pints per 100 gallons of water (maximum of 5 pints per acre). Do not make more than 3 applications during the fruiting period or apply within 45 days of harvest.

Sorghum (30): Sorghum Midge, Sorghum Mite. Use 4 to 8 fluid ounces per acre. For Midge, apply at first bloom and repeat 4 to 10 days later. Do not graze for forage within 30 days of treatment. Do not apply more than 3 times per season. Some leaf burning may occur on phosphorus sensitive varieties.

Strawberries (2): Strawberry Leafminer and Spider Mites. Use 1 to 1 1/2 pints per acre in sufficient water to cover top and lower leaf surfaces of spray plants thoroughly. Continue applications after harvest as required.

Tomatoes (2): Leafminer, Tropical Spider Mite, Twospotted Spider Mite. Use 1 pint per acre.

Turf (Commercial Use): Ground Squirrel, Webworm. Use 1 pint per 1000 square feet of turf applied in 20 gallons of water or 1 1/2 pints in 100 gallons of water to treat 5000 square feet. To treat one acre, use 7 to 9 pints applied in 100 gallons of water. It is important that the spray penetrates through the mat of turf to reach the insects. It helps to have the turf well irrigated prior to treatment. **CAUTION:** Keep children and animals off treated areas until this material has been thoroughly watered into the soil and the turf has completely dried.

Walnuts (Dormant or Delayed Dormant): Winter Injury, Nips, Pear Red Mite, Brown Mite, San Jose Scale and Soft Scale, West Coast Scale. Use 1 to 2 pints per acre with 2 gallons of a dormant oil in a minimum of 100 gallons of water. This treatment should only be used on trees that have not suffered from winter injury and applied during the growing season. Do not apply to orchards where livestock are present. Do not graze livestock in treated groves. **Summer:** European Red Mite, Twospotted Spider Mite, Walnut Aphid and Walnut Husk Fly (California only). Use 2 1/2 pints per acre. Do not make more than 3 applications during the fruiting period. Do not apply after husks split. Do not graze livestock in treated groves.

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 for the warranty of the product's suitability, Buyer and user assume all risk of injury to their property and persons from this material when used in accordance with the label directions.

Directions and Recommendations: Follow label directions carefully. Timing and method of application, weather and crop conditions in combination with other chemicals should be carefully recommended, and then followed. All applications should be made in accordance with the directions of the seller and are assumed to be made at the user's own risk.

Use of Product: FMC's recommendations for the use of this product are based upon tests believed to be relative. The use of this product may vary in effectiveness of the material. FMC does not guarantee, expressed or implied, or accept liability for the results of such use. Results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to 100% of the purchase price of the product. This price shall not include incidental or consequential damages.

