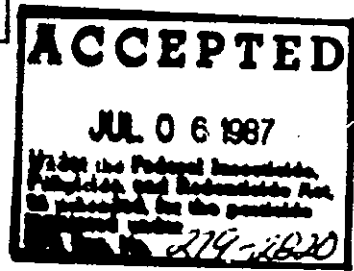


Code 31217

RESTRICTED USE PESTICIDE

For retail sale to and use only by certified applicators or persons under their direct supervision, and only for those uses covered by the certified applicator's certification.

279-2820 P/2
PM 16
Net Contents



Ethion 8 EC

Insecticide-Miticide

EPA Reg. No. 279-2820

EPA Est., 279-

Active Ingredients:

Ethion; 0,0,0',0'-Tetraethyl S,S'-
methylene bisphosphorodithioate 81.9%

Inert Ingredients: 18.10%

100.00%

Contains 8 pounds Ethion per gallon.

PRECAUTIONARY STATEMENTS

Hazards To Humans (and Domestic Animals)

Danger

Fatal if swallowed. May be fatal if 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 and the National Institute for Occupational Safety and Health. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, wildlife and shrimp. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes and containers.

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.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas for 24 hours unless appropriate protective clothing is worn.

Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

DANGER

Area treated with Ethion 8 EC on (insert date). Do not enter without appropriate protective clothing for 24 hours (insert State Department of Agriculture's re-entry interval, if more restrictive).

In case of accidental exposure to pesticide spray or dust, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

KEEP OUT OF REACH OF CHILDREN
☠ DANGER—POISON ☠

PELIGRO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicado ampliamente.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Wash with plenty of soap and water. Get medical attention.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If in eyes: Flush with plenty of water. Get medical attention if irritation persists.

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 716-735-3165

See Side Panel For Additional Precautionary Information.



FMC Corporation
Agricultural Chemical Group
Philadelphia PA 19103

2/14/86-A

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STORAGE AND DISPOSAL

Pesticide Storage

Do not store below 0°F. (-18°C).

Do not use or store near heat, open flame or hot surfaces.

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully re-cap containers. After partial use, replace lid and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not intermingle other pesticides, fertilizers, water, food, or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC collect: (716) 735-3785.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Do not cut or weld metal containers.

Not for use or storage in or around the home.

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.

Apples (Dormant or Delayed Dormant): Apple Aphid, European Red Mite, Rosy Apple Aphid, San Jose Scale—4.8 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 ¼ pint per 100 gallons of water (Maximum of 2½ pints per acre). Apply during the fruiting period. If making no more than 4 applications, wait 40 days before harvest; if making no more than 3 applications, wait 30 days before harvest; if making no more than 2 applications, wait 20 days before harvest. Codling Moth—Use ½ 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 no more than 2 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 on Astrachen, Pratt, Melba, N.J. No. 3 (Brite Mac), Wealthy, Williams Red (Red Williams), Yellow Transparent or any variety maturing with or before Early McIntosh as injury is likely to occur.

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.

Grapefruit (0), Lemons (21), Limes (21), Oranges (0), Tangelos (0), Tangerines (0): Citrus Red Mite, Citrus Rust Mite, Sixspotted Mite, Scales (Black, Brown, Soft, California Red, Purple, Yellow Chaff, Glover), and Citrus Whitefly. For Mites use 4 to 6 pints per acre. For Mites, Scales and Citrus Whitefly use 4 to 6 fluid ounces per 100 gallons of water combined with 1 to 2 gallons summer oil (West Coast). For Whitefly, apply shortly after eggs have been laid. Do not apply more than 2000 gallons spray per acre. With concentrate sprayers apply 50 to 100 gallons of spray per acre. Citrus Thrips California and Arizona only—Use 2½ to 3 pints per acre. Apply when the Thrips first appear and before they exceed 2 to 3 Thrips per leaf. Do not apply more than once per season on lemons and limes. On grapefruit, oranges, tangelos and tangerines do not apply within 90 days of previous application. On tangerines do not apply more than twice per season. Do not apply oil within 3 weeks of a sulfur application.

Grapes (38): Grape Leafhopper, Twospotted Spider Mite, Willowite Mite (West Coast insects)—Use 1 to 2¼ pints per acre. When used at rates of 1¼ pints per acre or less, do not apply within 30 days of harvest or more than twice during the fruiting period; or do not apply within 60 days of harvest with no limit on the number of applications per season. At rates above 1¼ pints per acre, make only 1 application per season. Do not apply to Salvador, Muscat or Fehr-Szago varieties of grapes.

Melons (8): Melon Leafminer, Serpentine Leafminer, Twospotted Spider Mite—Use ½ pint per acre. Melon Leafhopper—Use ½ to 1 pint per acre in a minimum of 5 gallons of water per acre by ground. Petiole Mite (California only)—Use ¼ to 1 pint in a minimum of 10 gallons of water per acre.

Ornamentals (Greenhouse): Millipedes—Soil Treatment: Use 5 fluid ounces in 75 gallons of water and apply to 2,500 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 Mite—Use ¼ to ½ pint per 100 gallons of water (Maximum of 2½ 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 ½ to 1 pint 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.

Summer Squash (3): Serpentine Leafminer, Twospotted Spider Mite—8 fluid ounces per acre.

Turf (Commercial Use): Chinch Bugs, Sod Webworm—Use ¼ pint per 1000 square feet of turf applied in 20 gallons of water or 1¼ pints in 100 gallons of water to treat 5000 square feet. To treat one acre, use 7 to 9 pints applied in 800 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): Overwintering eggs of European Red Mite, Brown Mite, San Jose Scale and Soft Scale (West Coast only)—Use 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 lack of moisture at anytime during the growing season. Oil should not be applied to orchards when soil moisture is low. Do not graze livestock in treated groves. Summer: European Red Mite, Twospotted Spider Mite, Walnut Aphid, and Walnut Husk Fly (California only)—Use 2½ pints per acre. Do not make more than 2 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 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 the buyer at his own risk.

Use (if 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 practices.

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.