

OBSERVE THE FOLLOWING USE PRECAUTIONS

Observe use limitations given on the label for specific crops. In order that pesticidal residues on food and forage crops will not exceed tolerances established by the Federal Food and Drug Administration, use only at recommended rates and intervals, and do not apply closer to harvest than specified. Do not apply or allow to drift to areas occupied by humans unprotected or beneficial animals or onto adjoining food, fiber or pasture crops. The grower is responsible for residue on his crops as well as for damages caused by drift from his property to that of others. Consult State Agricultural Experiment Stations or State Agricultural Extension Service for additional information as to the timing, number and rate of applications needed will vary with local conditions.

POISONOUS TO FISH AND WILDLIFE

This product is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

Pour specified amount of this product into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operation. If mixture does not mix readily but tends to separate as an oily layer, do not use, as injury to plants may result. Do not combine with wettable powders unless previous use of the mixture has proved physically compatible and safe to plants. Always thoroughly emulsify this product with at least half of total water before adding wettable powder.

CONTENTS

GALLONS

RECOMMENDATIONS

GRAPEFRUIT, ORANGES, TANGELOS, TANGERINES: Citrus Red Mite, Citrus Rust Mite, Chaff Scale, Florida Red Scale, Texas Citrus Mite - Use 1/2-3/4 pt. plus 5% to 7% summer oil per 100 gal. water. For mites only, oil may be omitted. If additional treatments are necessary, do not apply within 90 days of preceding treatment. Do not apply more than 2,000 gal. of spray per acre. May be applied up to day of harvest. On tangerines, do not apply more than twice per season. Any restriction applying to use of oil alone apply as well to combination of Ethion plus oil.

Gloves Scale, Yellow Scale, Snow Scale - Use 3/4 pt. plus 5% summer oil in 100 gal. water. Apply during the post-bloom period (June 1 to July 15). Thorough coverage of trunks and branches is necessary. Do not apply more than 2,000 gal. of spray per acre. On Tangerines do not repeat applications within 90 days. Do not apply more than twice per season on other fruits. Do not repeat applications within 90 days.

LEMONS: Citrus Red Mite, Citrus Rust Mite, Texas Citrus Mite - Use 1/2 to 3/4 pt. per 100 gal. water, or 5-7 1/2 qt. per acre. Apply when mites first appear. Do not apply more than once per season. Do not apply within 21 days of harvest.

Gloves Scale, Yellow Scale, Snow Scale - Use 3/4 pt. plus 5% summer oil in 100 gal. water. Apply during the post-bloom period (June 1 to July 15). Thorough coverage of trunks and branches is necessary. Do not apply more than 2,000 gal. of spray per acre. Do not apply more than once per season or within 30 days of harvest.

NECTARINES, PEACHES, PEARS, PLUMS: San Jose Scale - Use 1/2 to 3/4 pt. plus 2 gal. dormant oil per 100 gal. water. Apply during dormant period only. Brown Almond Mite, European Red Mite - Use 3/4 pt. plus 1 to 2 gal. dormant oil per 100 gal. water. To control overwintering mite eggs apply during late dormant season. Parlatoria (olive) Scale on nectarines, peaches and plums, use 1 pt. plus 3 gal. dormant oil to 100 gal. water. Apply during dormant period only.



ETHION

(Contains 4 lb Ethion AC)
AN EMULSIFIABLE

For Use in Water as an Agricultural Fungicide
U.S. Patent No. 2,873,222

ACTIVE INGREDIENTS:
Ethion
Nylon Range Bromide Solvent
INERT INGREDIENTS:
O.O.O. Tetraeth S-methylene bisphosphorothioate

WARNING Keep Out of

MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN. DO NOT BREATHE VAPOR OR SPRAY. DO NOT GET ON CLOTHING. In case of skin contact, wash thoroughly with plenty of water and get medical attention. **WASH THOROUGHLY AFTER HANDLING. WASH CLOTHING BEFORE REUSE. DO NOT CONTAMINATE FOOD OR FEED.**

DO NOT USE OUTDOOR NEAR HEAT OR OPEN FLAME. DO NOT USE IN UNDILUTED FORM.

Rinse spray equipment and containers. Bury liquid waste in non-crop. Perform empty metal containers. Crush and bury empty glass. Liquid states may separate at lower temperatures. Warm or store thoroughly to recombine liquid phases and assure uniformity before use.

Quality Chemical Products

HELENA CHEMICAL COMPANY

ETHION 4-E

(Contains 4 lb Ethion per Gallon)

AN EMULSIFIABLE LIQUID

For Use in Water as an Agricultural Insecticide Spray

U.S. Patent No. 2,873,228

ACCEPTED

JUL 20 1973
 UNDER THE FIFTH FEDERAL INSECTICIDE ACT FOR ECONOMIC CONTROL REGISTERED UNDER NO. 27798 SUBJECT TO ATTACHED COMMENTS 447-299

5405

U.S. S-methylene bisphosphorodithioate U.S. Pat. No. 2,793,127 100.00%

KEEP OUT OF REACH OF CHILDREN
 IF SWALLOWED OR ABSORBED THROUGH SKIN, WASH WITH WATER AND SOAP. IF IN CONTACT WITH EYES, WASH WITH WATER AND SOAP. IF IN CONTACT WITH CLOTHING, REMOVE CLOTHING AND WASH SEPARATELY. WASH HANDS THOROUGHLY AFTER HANDLING. DO NOT INGEST. DO NOT FEED TREATED FOOD TO LIVESTOCK.

DO NOT STORE NEAR HEAT OR OPEN FLAME. DO NOT STORE AT TEMPERATURES BELOW 32°F. DO NOT STORE IN UNDILUTED FORM.
 Empty containers: Empty liquid waste in non-crop lands, away from water supplies. Wash and reuse empty glass containers. Wash and reuse empty plastic containers. Wash and reuse empty metal containers. Wash and reuse empty paper containers. Wash and reuse empty cardboard containers. Wash and reuse empty metal cans. Wash and reuse empty metal drums. Wash and reuse empty metal kegs. Wash and reuse empty metal barrels. Wash and reuse empty metal pails. Wash and reuse empty metal buckets. Wash and reuse empty metal cans. Wash and reuse empty metal drums. Wash and reuse empty metal kegs. Wash and reuse empty metal barrels. Wash and reuse empty metal pails. Wash and reuse empty metal buckets.

CHEMICAL COMPANY - SOUTHEAST

RECOMMENDATIONS (Continued)

APPLES: Apple Aphid, European Red Mite, Rosy Apple Aphid, San Jose Scale - Use 3 1/2 pt. plus 2 gal. dormant oil to 100 gal. water. Make a single application during dormant periods. Do not apply later than delayed dormant. Avoid application of oil sprays prior to or during freezing weather.

BEANS: (succulent or dry): Bean Leaf Beetle, Mexican Bean Beetle, Two-spotted Mite - Use 1/2 to 1 pt. per acre in sufficient water for thorough coverage. Do not apply within 2 days of harvest. Do not feed treated foliage to livestock. Lygus Bugs - Use 1 qt. per acre in sufficient water for thorough coverage. Do not apply within 4 days of harvest. Do not feed treated foliage to livestock.

CORN (field): Pacific Mite, Two-spotted Mite - Use 1 qt. per acre. Do not make more than 1 application after ear formation. Do not apply within 50 days of harvest. Do not feed treated fodder to livestock.

COTTON: Aphids - Use 1 to 2 pts. per acre. Spider Mites - Use 1/2 to 1 pt. per acre. Do not apply after bolls begin to open. Do not feed treated cotton foliage to livestock. Workers entering treated fields within 24 hours should wear protective clothing.

CUCUMBERS, SUMMER SQUASH: Serpentine Leaf Miner, Two-spotted Mite - Use 1 pt. per acre. May be applied up to day of harvest.

EGGPLANTS: Two-spotted Mite - Use 1/2 to 1 pt. per acre. May be applied up to day of harvest.

MELONS: Melon Leafhopper. Use 1 1/2 to 2 pts. per acre. Melon Leaf Miner, Serpentine Leaf Miner - Use 1 pt. per acre. May be applied up to day of harvest.

PEPPERS, PIMENTOS: Serpentine Leaf Miner, Two-spotted Mite - Use 1 pt. per acre. For mites only, use 1/2 to 1 pt. per acre.

EPA Reg. No. 2299-87

STRAWBERRIES: Strawberry Leaf Roller, Two-spotted Mite - Use 1 to 2 pts. per acre. Do not apply within 2 days of harvest.

TOMATOES: Leaf Miner, Tropical Mite, Two-spotted Mite - Use 1 pt. per acre. Do not apply within 2 days of picking.

FOR USE ONLY BY COMMERCIAL APPLICATORS

ORNAMENTALS: Two-spotted Mite - Use 1/2 pt. to 100 gal. water. Do not apply on Anderson Yew. Greenhouse: Millipedes - Soil Treatment: Use 10 fluid ounces in 75 gal. water and apply to 2500 square feet of bench. Wear mask or respirator passed by the U. S. Department of Agriculture for Ethion protection in greenhouse.

TURF, LAWNS: Chinch Bugs, Sod Webworms - Use 7 1/2 to 10 qt. per acre (12 3/4 pt. to 21 1/2 pt. in 100 gal. of water to treat 5000 sq. ft. of lawn, or 1 1/2 pt. in 20 gal. of water per 1000 sq. ft.). It is important that spray penetrates through the mat of turf to reach the insects. It helps to have the lawn well irrigated prior to treatment. **CAUTION:** Keep children and pets off treated areas until material has been thoroughly watered into the soil and grass has completely dried. Birds feeding on treated areas may be killed.

BERMUDA GRASS (Lawn and Seed Crop): Eriophyid Mites - Use 3 fluid ounces to 6 gal. water to treat 1200 square feet of grass. Keep children and animals off treated areas until spray has completely dried. Do not apply to Bermuda grass to be used for grazing or forage to be fed to livestock.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose 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.

Group 16 listed