

DIRECTIONS FOR USE

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, 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 Miscible used. Do not use in undiluted form.

ON ALMONDS to control Clover (Brown Almond) Mite and European Red Mite use 0.75 pt. plus 1 to 2 gals. dormant oil per 100 gals. of water. To control Olive (Parlatoria) Scale use 1 pt. plus 3 gals. dormant oil per 100 gals. of water. To control San Jose Scale use 0.5 to 0.75 pt. plus 2 gals. dormant oil per 100 gals. of water. Apply during dormant or delayed dormant period.

ON APPLES to control Apple Aphid, European Red Mite, Rosy Apple Aphid and San Jose Scale use 0.6 pt. plus 2 gals. dormant oil per 100 gals. of water. Apply during dormant or delayed dormant period.

ON BEANS (SUCCULENT AND DRY) to control Bean Leaf Beetle, Mexican Bean Beetle and Two-spotted Spider Mite use 0.5 to 1 pt. per acre. To control Potato Leafhopper use 1 pt. per acre. Do not feed treated foliage to livestock. Do not apply within 2 days of harvest. To control Lygus Bugs use 1 qt. per acre. Do not feed treated foliage to livestock. Do not apply within 4 days of harvest.

ON CUCUMBERS AND SUMMER SQUASH to control Serpentine Leaf Miner and Two-spotted Spider Mite use 1 pt. per acre. No time limitations.

ON EGGPLANT to control Two-spotted Spider Mite use 0.5 to 1 pt. per acre. No time limitations.

ON GRAPEFRUIT, LEMONS, LIMES, ORANGES, TANGELOS AND TANGERINES, to control Citrus Red Mite, Citrus Rust Mite, Six-spotted Mite, Black Scale, Brown Soft Scale, California Red Scale, Chaff Scale, Glover Scale, Purple Scale, Yellow Scale and Citrus Whitefly. For Mite use 0.5 to 0.75 pt. in 100 gals. of water. For Mites, Scales and Citrus Whitefly use 0.5 to 0.75 pt. per 100 gals of water combined with 1 to 2 gals. summer oil (West Coast). For Whitefly, apply shortly after whiteflies have laid their eggs. Do not apply more than 2000 gals. spray per acre. Do not apply more than one on lemons and limes nor within 21 days of harvest. On Grapefruit, Oranges, Tangelos and Tangerines do not apply within 90 days of previous application. No time limitations. On Tangerines do not apply more than twice per crop. Do not apply oil within 3 weeks of a sulfur application.

ON MELONS to control Melon Leaf Miner, Serpentine Leaf Miner and Two-spotted Spider Mite use 1 pt. per acre. On Melon Leafhopper use 1.5 to 2 pts. per acre. On Petrosia Mite (California only) use 1 to 2 pts. in a minimum of 10 gals. of water per acre. No time limitations.

ON STRAWBERRY to control Strawberry Leaf Roller and Two-spotted Spider Mite use 1 pt. per 100 gals., 1 to 2 pts. per acre. Spray plants thoroughly. Continue applications after harvest as required. Do not apply within 2 days of harvest.

ON TOMATOES to control Leaf Miner, Tropical Spider Mite and Two-spotted Spider Mite use 1 pt. per acre. Do not apply within 2 days of harvest.

CODE
1321



Gallons Net
Contents

ETHION 4 MISCIBLE

INSECTICIDE - MITICIDE
U.S.D.A. REGISTRATION NO. 279-1254

ACTIVE INGREDIENTS	BY WT.
Ethion	46.50%
Petroleum Distillate	45.00%
INERT INGREDIENTS:	8.50%
0,0,0-Tetraethyl S,S-methylene biphosphorodithioate.	100.00%

Contains 4 pounds Ethion per gallon.
U.S. Patent No. 2,873,228

WARNING

KEEP OUT OF REACH OF CHILDREN

May be fatal if swallowed or absorbed through skin. Do not breathe vapor or spray mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid contamination of or storage near feed and foodstuffs.

USAGE CAUTION

This product is toxic to fish and wildlife. Keep out of lakes, ponds and streams. This product is toxic to bees and should not be applied when bees are actively visiting the area. Birds feeding on treated areas may be killed.

Apply this product only as specified on the label.

DISPOSE OF WASTES by burying at least 18 inches deep in non-crop lands away from water supplies. Do not re-use container; smash or punch holes in it and bury with wastes.

DO NOT USE IF MATERIAL DOES NOT EMULSIFY.
WORKERS ENTERING TREATED FIELDS WITHIN 24 HOURS SHOULD WEAR PROTECTIVE CLOTHING.

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME.

DO NOT STORE AT TEMPERATURES BELOW 0°F.

NIAGARA CHEMICAL DIVISION

FMC CORPORATION

MIDDLEPORT, N.Y.



RESNO, CALIF. RICHMOND, CALIF.
RIVERSIDE, CALIF. YAKIMA, WASHINGTON



ON NECTARINE AND PEACH to control Clover (Brown Almond) Mite, and European Red Mite use 0.75 pt. plus 1 to 2 gals. dormant oil per 100 gals. of water. To control Olive (Parlatoria) Scale use 1 pt. plus 3 gals. dormant oil per 100 gals. of water. To control San Jose Scale use 0.5 to 0.75 pt. plus 2 gals. dormant oil per 100 gals. of water. Apply during dormant or delayed dormant period. On Clover (Brown Almond) Mite, European Red Mite and Two-spotted Spider Mite use 0.5 pt. per 100 gals. of water or 2.5 to 3.5 pts. per acre. Do not apply more than twice during fruiting period. Do not apply within 30 days of harvest.

ON ORNAMENTALS (GREENHOUSE) to control Millipedes (Soil Treatment) use 10 fl. ozs. in 75 gals. of water and apply to 2,500 sq. ft. of bench space. Wear mask or respirator approved by U.S.D.A. for ethion protection.

ON ORNAMENTALS (OUT-OF-DOORS) to control Two-spotted Spider Mite use 0.5 pt. per 100 gals. May cause some needle drop on Anderson Yew.

ON PEARS to control Clover (Brown Almond) Mite, European Red Mite, and San Jose Scale use 0.75 pt. plus 1 to 2 gals. dormant oil per 100 gals. of water. Apply during dormant or delayed dormant period.

ON PEPPER AND PIMENTO to control Serpentine Leaf Miner use 1 pt. per acre. To control Two-spotted Spider Mite use 0.5 to 1 pt. per acre. No time limitations.

ON PLUM AND PRUNE to control Clover (Brown Almond) Mite, European Red Mite, Leaf Curl Plum Aphid and Mealy Plum Aphid use 0.75 pt. plus 1 to 2 gals. of dormant oil per 100 gals. of water. To control Olive (Parlatoria) Scale use 1 pt. plus 3 gals. dormant oil per 100 gals. of water. To control San Jose Scale use 0.5 to 0.75 pt. plus 2 gals. of dormant oil per 100 gals. of water. Apply during dormant or delayed dormant period.

ON SORGHUM to control Sorghum Midge and Sorghum Mite use 0.5 to 1.0 pt. per acre. For Midge, apply at first bloom and repeat 4 to 10 days later. Do not utilize for forage within 30 days of treatment. Do not apply more than 3 times per season. Some leaf burning may occur on phosphate-sensitive varieties. Do not apply within 30 days of harvest.

CAUTION: Keep children and animals off treated areas until this material has been thoroughly watered into soil and the grass has completely dried.

Dealer Should Sell in Original Packages Only.

USAGE CAUTION: 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.

TERMS OF SALE OR USE: On purchase or use of this product buyer and user agree to the following conditions:

WARRANTY: Niagara warrants that this product, as of the time of sale by Niagara, (1) conforms to the ingredient statement on the label, and (2) is reasonably fit for the purpose set forth in the Directions for Use. EXCEPT AS SO WARRANTED THE PRODUCT IS SOLD AS IS. NIAGARA MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.

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. Notice of any claim must be reported to Niagara within 10 days of discovery by buyer or user, failing which buyer or user waives any claim for such damage.

EXCUSE FROM NON-CONTROLLABLE CONDITIONS: Because of certain critical conditions created or incurred by buyer or user or over which Niagara has no control, buyer and user, as a condition of purchase or use, assume responsibility for and release Niagara from liability arising out of the handling or use of the product attributable to such causes. No person is authorized to vary or waive any statement contained herein.

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