

*Western States Lab*



Gallons  
Net Contents

**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. Observe days interval between last application and harvest indicated by number in ( ) following the crop.

**ALMONDS:** Clover (Brown Almond) Mite, European Red Mite — Use 0.75 pt. plus 1 to 2 gals. dormant oil per 100 gals. of water. Olive (Parlatoria) Scale — Use 1 pt. plus 3 gals. dormant oil per 100 gals. of water. 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.

**APPLES:** Apple Aphid, European Red Mite, Rosy Apple Aphid, San Jose Scale — Use 0.6 pt. plus 2 gals. dormant oil per 100 gals. of water. Apply during dormant or delayed dormant period.

**BEANS (SUCCULENT AND DRY):** Bean Leaf Beetle, Mexican Bean Beetle, Two-Spotted Spider Mite — Use 0.5 to 1 pt. per acre. Potato Leafhopper — Use 1 pt. per acre. Do not feed treated foliage to livestock. Do not apply within 2 days of harvest. Lygus Bugs — Use 1 qt. per acre. Do not feed treated foliage to livestock. Do not apply within 4 days of harvest.

**CUCUMBERS (0), SUMMER SQUASH (0):** Serpentine Leafminer, Two-Spotted Spider Mite — Use 1 pt. per acre.

**EGGPLANT (0):** Two-spotted Spider Mite — Use 0.5 to 1 pt. per acre.

**GRAPEFRUIT (0), LEMONS (21), LIMES (21), ORANGES (0), TANGERINES (0):** 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, 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 once per season on lemons and limes. On grapefruit, oranges, tangerines 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.

**MELONS (0):** Melon Leafminer, Serpentine Leafminer, Two-Spotted Spider Mite — Use 1 pt. per acre. Melon Leafhopper — Use 1.5 to 2 pts. per acre. Petrobia Mite (California Only) — Use 1 to 2 pts. in a minimum of 10 gals. of water per acre.

**STRAWBERRIES (2):** Strawberry Leafroller, 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.

**TOMATOES (2):** Leafminer, Tropical Spider Mite, Two-Spotted Spider Mite — Use 1 pt. per acre.

Code  
1321

**ETHION 4 MISCIBLE**

INSECTICIDE-MITICIDE	
EPA REGISTRATION NO. 279-1254 AA	
ACTIVE INGREDIENTS:	BY WT.
*Ethion .....	46.50%
Petroleum Distillate .....	45.00%
INERT INGREDIENTS:	8.50%
	100.00%
*O,O',O'-Tetraethyl S,S'-methylene bisphosphorodithioate.	
Contains 4 pounds Ethion per gallon.	
U.S. Patent No. 2,873,228	

**WARNING  
KEEP OUT OF REACH OF CHILDREN**

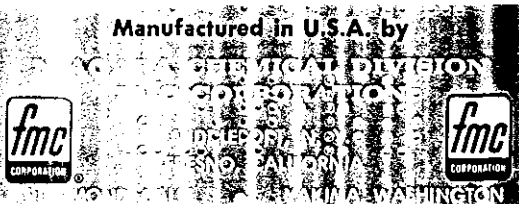
May be fatal if swallowed or absorbed through skin. Do not breathe vapor or spray mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid contamination of or storage near feed and foodstuffs. Workers entering treated fields within 24 hours should wear protective clothing.

**USAGE CAUTIONS**

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. Do not contaminate water by cleaning of equipment or disposal of wastes and containers. Apply this product only as specified on the label.

Do not re-use empty 1 and 5 gallon containers. Destroy them by perforating or crushing. Return drum to reconditioner or destroy it by perforating or crushing. Bury or discard in a safe place away from water supplies.

Do not use if material does not emulsify. Do not use or store near heat or open flame. Do not store at temperatures below 0° F.



**NECTARINES (30), PEACHES (30):** Clover (Brown Almond) Mite, European Red Mite — Use 0.75 pt. plus 1 to 2 gals. dormant oil per 100 gals. of water. Olive (Parlatoria) Scale — Use 1 pt. plus 3 gals. dormant oil per 100 gals. of water. 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, 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.

**ORNAMENTALS (GREENHOUSE):** 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. Bureau of Mines for ethion protection.

**ORNAMENTALS (OUT-OF-DOORS):** Two-Spotted Spider Mite — Use 0.5 pt. per 100 gals. May cause some needle drop on Anderson Yew.

**PEARS:** Clover (Brown Almond) Mite, European Red Mite, 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. Do not graze livestock in treated groves.

**PEPPERS (0), PIMENTO (0):** Serpentine Leafminer — Use 1 pt. per acre. Two-Spotted Spider Mite — Use 0.5 to 1 pt. per acre.

**PLUMS AND PRUNES:** Clover (Brown Almond) Mite, European Red Mite, Leaf Curl Plum Aphid, Mealy Plum Aphid — Use 0.75 pt. plus 1 to 2 gals. of dormant oil per 100 gals. of water. Olive (Parlatoria) Scale — Use 1 pt. plus 3 gals. dormant oil per 100 gals. of water. 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.

**SORGHUM (30):** Sorghum Midge, 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 harvest or feed for forage within 30 days after last application. Do not apply more than 3 times per season. Some leaf burning may occur on phosphate-sensitive varieties.

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

For Emergency Assistance Call  
716-735-3765

Do not apply when weather conditions favor drift from the areas treated. Do not apply when run-off is likely to occur. Do not 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.

Dealer Should Sell in Original Packages Only.

**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 purposes 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.

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ACCEPTED  
SEP 11 1973  
UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
ED UNDER NO. .... SUBJECT  
TO ATTACHED COMMENTS.

279-1254