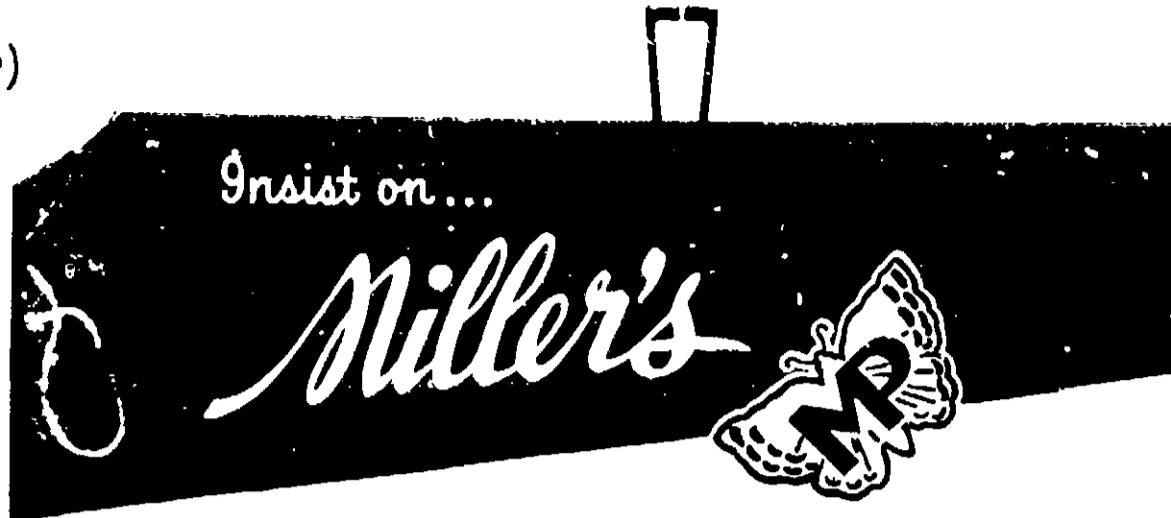


(1 of 2)



# ETHION 25W

## AGRICULTURAL INSECTICIDE

Active ingredient  
 Ethion (O,O,O',O'-tetraethyl S,S'-methylene  
 bisphosphorodithioate) . . . . . 25.0%  
 Inert ingredients . . . . . 75.0%  
 U.S. Patent No. 2,873,228

E.P.A. Reg. No. 802-450-AB

### WARNING — Keep out of reach of children

May be fatal if swallowed. Absorbed through skin. Do not breathe vapor, dust or spray mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

**NOTE TO PHYSICIAN:** Active ingredient is a cholinesterase inhibitor. Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

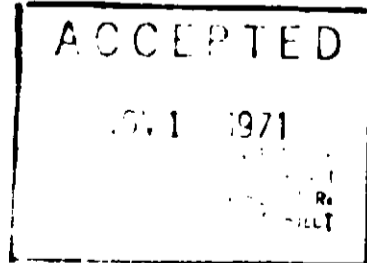
Not for use or storage in or around the home. Avoid storage near food and feed products.

This product is toxic to fish and wildlife. Keep out of lakes, streams and ponds. Do not apply when weather conditions favor drift of spray from areas treated.

This product is toxic to bees and should not be applied when bees are actively visiting the area. Avoid drift of insecticides onto bee colonies or nearby crops and weeds in bloom. Do not contaminate bee drinking water. For further information concerning use of pesticides around honeybees, consult State Agricultural Extension Service or State Agricultural Experiment Station.

Apply this product only as specified on this label. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes. Rinse equipment and **DISPOSE OF WASTES** by burying at least 18 inches deep in non-crop lands away from water supplies. Container should be disposed of by burying with wastes.

Net Weight 4 lbs.



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## Miller's ETHION 25W

### GENERAL DIRECTIONS

Please read entire label. Use only as directed, noting all Cautions and Warnings.

Apply when insects first appear and repeat as required to maintain effective control. Where amount of water is not indicated, use in sufficient water for thorough coverage. Coverage of both 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. Observe days interval between last application and harvest indicated by number in following crop.

Do not apply when weather conditions favor drift of spray from areas treated. This product is toxic to bees and should not be applied when bees are actively visiting the area. Do not feed treated foliage to livestock.

In California, do not permit workers to enter treated area to engage in any activity requiring substantial contact with treated foliage until the following days have elapsed after last application on Citrus—30 days, Grapes, Peaches and Nectarines—14 days.

### FRUITS AND BERRIES

**APPLES AND PEARS (60)**—Coddling Moth—2 lbs per 100 gal., or 16 to 20 lbs per acre for Apples, 10 to 20 lbs for Pears. (See Note.)

**APPLES AND PEARS (30)**—Apple Rust, Clover (Brown Almond), European Red and Two-spotted Mites—1 lb per 100 gal., or 8 to 10 lbs per acre on Apples, 5 to 10 lbs on Pears.

Note: On Apples and Pears, do not make more than 3 applications after first cover. Do not use on Astracher, Davey, Duchess, Margaret Pratt, Melba, Wealthy, Williams Red (Red Williams), Yellow Transparent or any varieties maturing before Early McIntosh as injury is likely to occur.

**CHERRIES (Post-harvest treatment only)**—Clover (Brown Almond), European Red, McDaniel and Two-spotted Mites—1 lb per 100 gal., or 6 to 10 lbs per acre.

**CITRUS (10)** (Grapefruit, Lemons, Limes, Oranges, Tangelos, Tangerines)—Citrus Red, Citrus Rust, Six Spotted and Texas Citrus Mites—1 to 1½ lbs per 100 gal. For above Mites plus Black, Chaff, Florida Red, Glover, Purple, Snow, Yellow, Brown Soft and California Red Scales; and Citrus White Fly—1 to 1½ lbs plus 1 to 2 gal summer oil per 100 gal. Citrus Thrips (Calif.)—10 to 12 lbs per acre. Yuma Spider Mites (Calif.)—12 lbs per acre. May add up to 5 gal light medium spray oil. NOTE: Do not apply more than 2000 gals spray per acre. On Lemons and Limes do not apply more than once per season nor within 21 days of harvest. On other citrus fruits, do not apply within 90 days of previous application. On Tangerines, do not apply more than twice per crop. Do not apply oil within 3 weeks of a sulphur application. Do not use oil on navel oranges. For Whitefly, apply shortly after adults have laid their eggs. For Thrips, apply when they first appear and before they exceed 2 to 3 thrips per leaf.

**GRAPES (30)**—Grape Leafhopper, Two-spotted Spider Mite, Williams Mite—1 lb per 100 gal., or 3 to 5 lbs per acre. Do not make more than 2 applications during fruiting period.

**NECTARINES (10)**—Clover (Brown Almond), European Red and Two-spotted Mites and Olive (Parlatoria) Scale—1 lb plus 1 gal summer oil per 100 gal., or 4 to 6 lbs plus 4 to 6 gal summer oil per acre. Apply in spring at time of overwintering egg hatch. Do not apply after foliage or edible parts start to form. No limitation on days to harvest at this stage of growth.

**NECTARINES (30)**—Clover (Brown Almond), European Red, Two-spotted Mites—1 lb per 100 gal., or 5 to 7 lbs per acre. Do not make more than 2 applications during the fruiting period.

**PEACHES (30)**—Clover (Brown Almond), European Red and Two-spotted Mites—1 lb per 100 gal., or 5 to 7 lbs per acre. Above Mites plus Olive (Parlatoria) Scale—1 lb plus 1 gal summer oil per 100 gal., or 4 to 6 lbs plus 4 to 6 gal summer oil per acre. Do not make more than 2 applications during fruiting period.

**PLUMS, PRUNES (21)**—Clover (Brown Almond), European Red and Two-spotted Mites—1 lb per 100 gal., or 5 to 7 lbs per acre. Do not make more than 3 applications during fruiting period.

**PLUMS, PRUNES (45)**—Lecanium Scale—1½ lbs per 100 gal., or 7 to 10 lbs per acre. Do not make more than 2 applications during fruiting season.

**STRAWBERRIES (2)**—Strawberry Leaf Miner—4 lbs per acre. Two-spotted Mites—2 lbs per acre. Spray plants thoroughly. Continue applications after harvest as required.

### NUTS

Do not graze livestock in treated groves.

**ALMONDS (30)**—Clover (Brown Almond), European Red and Two-spotted Mites—1 lb per 100 gal., or 5 to 8 lbs per acre. Do not make more than one application during fruiting period.

**FILBERTS, PECANS**—Aphids, Mites—10 lbs per acre. Do not apply more than twice during fruiting period. On Filberts, do not apply when nut is visible. On Pecans, do not apply after husk split.

**WALNUTS**—European Red and Two-spotted Spider Mites, Walnut Husk Fly and Walnut Aphids—6 to 10 lbs per acre. Do not make more than 2 applications during fruiting period. Do not apply after husk split.

### FIELD CROPS

**COTTON**—Cotton Leafworm—2 lbs per acre. Spider Mites, Lygus Bugs, Other Mites—4 to 6 lbs per acre. Do not apply after bolls open. Do not graze dairy or meat animals in treated fields. Workers entering treated fields within 24 hours after treatment should wear protective clothing.

**BORGHUM (30)**—Sorghum Midge and Sorghum Mite—1 to 2 lbs per acre. For Mites apply when they first appear. For Midge, apply at first bloom and repeat 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.

### VEGETABLES

**BEANS (Succulent and Dry) (2)**—Bean Leaf Beetle, Mexican Bean Beetle, Two-spotted Spider Mites—1 to 2 lbs per acre. Potato Leafhopper—2 lbs per acre. (See Note.)

**BEANS (Succulent and Dry) (4)**—Lygus Bugs—4 lbs per acre.

NOTE: Do not feed treated bean foliage to livestock.

**CUCUMBERS, SUMMER SQUASH (10)**—Serpentine Leaf Miner, Two-spotted Spider Mite—2 lbs per acre.

**EGGPLANTS (10)**—Two-spotted Spider Mites—1 to 2 lbs per acre.

**MELONS (10)**—Melon Leafhopper—3 to 4 lbs per acre. Melon Leaf and Serpentine Leaf Miners and Two-spotted Spider Mites—2 lbs per acre. Tobacco Mite (Calif.)—2 to 4 lbs per acre, use in a minimum of 10 gal water per acre.

**PEPPERS, PIMENTOS (10)**—Serpentine Leaf Miner—2 lbs per acre. Two-spotted Spider Mites—1 to 2 lbs per acre.

**TOMATOES (2)**—Leaf Miners, Tropical Spider and Two-spotted Spider Mites—2 lbs per acre.

**NOTICE:** Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given here with.



