



[279-1401]



CODE 30374

5 LBS. NET WT.

ETHION

25 SPRAY

PESTICIDE

U.S.D.A. REGISTRATION NO. 279-1401

ACTIVE INGREDIENT:

†Ethion	By Wt. 25.00%
INERT INGREDIENTS	75.00%
	100.00%

†O, O, O', O'—Tetraethyl S, S'-methylene bisphosphorodithioate
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 dust or spray mist. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Avoid storage near food and feed products. Avoid contamination of feed and food-stuffs.

USAGE CAUTION

This product is toxic to fish. Keep out of lakes, ponds and streams. Apply this product only as specified on the label.

When used in combination with oil, observe the cautions on the oil label.

DISPOSE OF WASTES by burying in non crop land away from water supplies. Empty bags should be buried with wastes or burned. Keep out of Smoke.

DEALER SHOULD SELL IN ORIGINAL PACKAGES ONLY

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.

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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 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.

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.



NIAGARA CHEMICAL DIVISION

FMC CORPORATION

MIDDLEPORT, N. Y.



NET WT.

By Wt.
5.00%
5.00%
5.00%

st or spray
handling.
and food.

duct only as

Empty bags

reas or use
animal, plant

ETHION

25 SPRAY

PESTICIDE

ACCEPTED

Sept. 19, 1969

UNDER THE FEDERAL INSECTICIDE
ACT AND THE FEDERAL FOOD, DRUG,
AND COSMETIC ACT
SUBJECT

DIRECTIONS FOR USE

Apply when insects first appear and repeat as required to maintain control. Use the following recommended rates in sufficient water to thoroughly cover one acre. 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.

ALMONDS (30): Brown Almond Mite, European Red Mite, Two-Spotted Spider Mite—1 pound per 100 gallons of water, 5 to 8 pounds per acre. Do not make more than one application during fruiting period.

APPLE (60): Codling Moth—Two pounds per 100 gallons of water, 16 to 20 pounds per acre. Four applications during fruiting period.

APPLE (40): Codling Moth—Two pounds per 100 gallons of water, 16-20 pounds per acre. Two applications during fruiting period.

APPLE (40): Brown Almond Mite, European Red Mite, Apple Rust Mite, Two-Spotted Mite—One pound per 100 gallons of water, 8 to 10 pounds per acre. Four applications during fruiting period.

APPLE (30): Brown Almond Mite, European Red Mite, Apple Rust Mite, Two-Spotted Mite—One pound per 100 gallons of water, 8 to 10 pounds per acre. Three applications during fruiting period.

APPLE (20): Brown Almond Mite, European Red Mite, Apple Rust Mite, Two-Spotted Mite—One pound per 100 gallons of water, 8 to 10 pounds per acre. Two applications during fruiting period.

CAUTION: Do not use on Astrachen, Duchess, Margaret Pratt, Melba, Wealthy, Williams Red (Red Williams), Yellow Transparent, or any varieties maturing before early McIntosh apples as injury is likely to occur.

CHERRY: Brown Almond Mite, European Red Mite, McDaniel Mite, Two-Spotted Mite—One pound per 100 gallons of water, 6 to 10 pounds per acre. Use as a post-harvest treatment only.

GRAPE (30): Grape Leafhopper, Two-Spotted Mite, Willamette Mite—One pound per 100 gallons of water, 3 to 5 pounds per acre. Two applications during the fruiting period. Do not apply to Salvador, Muscat and Fehr-Szago varieties as injury may occur.

NECTARINE (30): Brown Clover Mite, European Red Mite, Two-spotted Mite—one pound per 100 gallons of water, 5 to 7 pounds per acre. Thrips—two pounds plus 5 pounds of Kolospray per 100 gallons of water, 6 pounds of Ethion 25 Spray plus 15 pounds of Kolospray per acre. Do not apply more than 2 applications during the fruiting period.

PEACH (30): Brown Almond Mite, European Red Mite, Two-Spotted Mite—One pound per 100 gallons of water, 5 to 7 pounds per acre. Do not apply more than two applications during the fruiting period.

PEAR (60): Codling Moth—Two pounds per 100 gallons of water, 10 to 15 pounds per acre. Do not make more than three applications after the first cover spray.

PEAR (30): European Red Mite, Two-Spotted Mite, Brown Almond Mite—One pound per 100 gallons of water, 5 to 7 pounds per acre. Pear Rust Mite one pound per 100 gallons of water, 8 to 10 pounds per acre. Pear Psyllid—1½ to 2 pounds per 100 gallons of water, 8 to 10 pounds per acre. Do not make more than three applications after the first cover spray.

PLUM AND PRUNE (21): Brown Almond Mite, European Red Mite, Two-Spotted Mite—One pound per 100 gallons of water, 5 to 7 pounds per acre. Three applications during fruiting period.

PLUM AND PRUNES (45): European Fruit Lecanium Scale—1½ pounds per 100 gallons of water, 7 to 10 pounds per acre. Two applications during fruiting period.

CHESTNUTS, FILBERTS, PECANS: Brown Almond Mite, European Red Mite, Two-Spotted Mite—Ten pounds per acre in sufficient water to cover. Do not apply more than two applications during fruiting period. On Chestnuts and Pecans, do not apply after husk-split. On Filberts, do not apply when nut is visible. Do not graze livestock in treated groves.

WALNUTS: European Red Mite, Two-Spotted Mite, Walnut Aphid, Walnut Husk Fly (California only)—6 to 10 pounds per acre in sufficient water to cover. Do not make more than two applications during the fruiting period. Do not apply after husk-split. Do not graze livestock in treated groves within 21 days of treatment.

ON VALENCIA ORANGES, LEMONS AND GRAPEFRUIT to control Citrus Red Mite, Citrus Thrips and Citrus Rust Mite, use 1-2 pounds of Ethion 25 Spray plus 1½-2 quarts of Niagara light medium oil per 100 gallons of water. Apply in sufficient water to thoroughly cover one acre. (With ground application equipment on mature trees, apply a minimum of 750 gallons; on small trees a minimum of 100 gallons of spray per acre.) Do not exceed 20 pounds of Ethion 25 Spray nor 5 gallons of Niagara light medium oil per acre. If additional applications are required on Valencia Oranges and Grapefruit, do not apply within 90 days of the preceding treatment. May be applied up to the day of harvest on Valencia Oranges and Grapefruit. Do not apply to Lemons within 21 days of harvest, nor apply more than once per season.

ETHION 25 SP



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PEACH (30): Brown Almond Mite, European Red Mite, Two-Spotted Mite—One pound per 100 gallons of water, 5 to 7 pounds per acre. Do not apply more than two applications during the fruiting period.

PEAR (60): Codling Moth—Two pounds per 100 gallons of water, 10 to 15 pounds per acre. Do not make more than three applications after the first cover spray.

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ON NAVEL ORANGES, TANGELOES, TANGERINES to control Citrus Red Mite, Citrus Thrips and Citrus Rust Mite, use Ethion 25 Spray at the rate of 1-2 pounds per 100 gallons of water. Apply in sufficient water to thoroughly cover one acre. (With ground application equipment on mature trees, apply a minimum of 750 gallons; on small trees a minimum of 100 gallons of spray per acre.) Do not exceed 20 pounds of Ethion 25 Spray per acre. On Navel Oranges do not use in combination with oil except in the San Joaquin Valley (California) where 1½-2 quarts of Niagara light medium oil (maximum 5 gallons per acre) per 100 gallons of water may be added. If additional applications are required, do not apply within 90 days of the preceding treatment. May be applied up to the day of harvest. On tangerines do not apply more than 2 applications per crop.

BEANS (SUCCULENT AND DRY) (4): Lygus Bug—Four pounds per acre. Do not feed treated bean foliage to livestock.

(2): Bean Leaf Beetle, Mexican Bean Beetle, Two-Spotted Spider Mite—One to 2 pounds per acre. Do not feed treated bean foliage to livestock. Seed Corn Maggot—Use as a seed treatment at the rate of 4 ounces per 100 pounds of seed. Mix and apply to seed as a slurry treatment. Combine with a suitable fungicide for seed treatment if desired. Do not use treated seed for food, feed or oil purposes.

CUCUMBER (0): Serpentine Leaf Miner, Two-Spotted Mite—2 pounds per acre.

EGGPLANT (0): Two-Spotted Mite—Two pounds per acre.

MELONS (0): Melon Leaf Miner, Serpentine Leaf Miner, Two-Spotted Spider Mite—Two pounds per acre, Melon Leafhopper—3 to 4 pounds per acre.

ONION SET: Onion Maggot—**SEED TREATMENT:** Treat seed according to the number of feet of row planted per acre. On upland soil mix 4 pounds with the amount of seed to be planted in 1 acre of rows 12 inches apart. Mix 3 pounds with the amount of seed to be planted in 1 acre of rows 18 inches apart, and 2 pounds on seeds to be planted in 1 acre of rows 24 inches apart. On muck or heavy-type soil increase dosage by 50 to 100 per cent.

ORNAMENTALS (Out-of-doors): Two-Spotted Mite—1 pound per 100 gallons. Do not apply to Anderson Yew.

PEPPER (0), PIMENTO (0): Serpentine Leaf Miner, Two-Spotted Mite—Two pounds per acre.

STRAWBERRY (2): Strawberry Leaf Roller—Four pounds per acre. Two-Spotted Spider Mite—Two pounds per acre.

SUMMER SQUASH (0): Serpentine Leaf Miner, Two-Spotted Mite—Two pounds per acre.

TOMATOES (2): Tropical Mite, Two-Spotted Spider Mite, Leaf Miner—Two pounds per acre.

COTTON: Cotton Leafworm—Use two pounds in sufficient water to treat one acre. Do not apply after bolls open. Do not graze dairy or meat animals in treated fields.

CAUTION: Workers entering treated fields within 24 hours should wear protective clothing.