

1(of 3)

# ETHION 8EC INSECTICIDE

## ACTIVE INGREDIENTS:

\*Ethion (O, O, O', O' - Tetraethyl S, S'  
methylene bisphosphorodithioate

## INERT INGREDIENTS:

\*Contains 8 lbs. ETHION per gallon.

EPA REG. NO. 2749-223

NET CONTENTS \_\_\_\_\_

ACCEPTED	81.0%
SEP 28 1972	19.0%
UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. <del>2749-223</del> <sup>2749-223</sup>	100%
NO ATTACHED COMMENTS.	

**WARNING:** KEEP OUT OF THE REACH OF CHILDREN.

MAY BE FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. DO NOT BREATHE VAPOR OR SPRAY MIST. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. IN CASE OF SKIN CONTACT, WASH WITH SOAP AND WATER; FOR EYES, FLUSH WITH PLENTY OF WATER AND GET MEDICAL ATTENTION. WASH CLOTHING WITH SOAP AND HOT WATER BEFORE REUSE. DO NOT STORE NEAR FOOD AND FEED PRODUCTS.

## USAGE CAUTIONS

THIS PRODUCT IS TOXIC TO FISH AND WILDLIFE. KEEP OUT OF ANY BODY OF WATER. BIRDS FEEDING ON TREATED AREAS MAY BE KILLED. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL. DO NOT APPLY WHERE RUNOFF IS LIKELY TO OCCUR. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT FROM AREAS TREATED. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES.

THIS PRODUCT IS TOXIC TO BEES AND SHOULD NOT BE APPLIED WHEN BEES ARE ACTIVELY VISITING THE AREA.

RINSE EQUIPMENT AND CONTENTS AND DISPOSE OF WASTES BY BURYING AT LEAST 18" DEEP IN NON-CROP LANDS AWAY FROM WATER SUPPLIES. DO NOT REUSE CONTENTS, SMASH OR PERFORATE AND BURY WITH WASTES.

DO NOT STORE OR USE NEAR HEAT OR OPEN FLAME. DO NOT STORE BELOW 20° F.

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.**

**DIRECTIONS FOR USE -**

Apply when insects first appear and repeat as required to maintain effective control. Coverage of both upper and lower leaf surfaces is essential for good control. Where amount of water is not specified, use with sufficient water for thorough coverage. For aircraft application to field crops and vegetables, mix the recommended amounts with sufficient water to provide 3-10 gallons of finished spray per acre consistent with crop growth and good coverage. Observe use limitations. If insect control is required beyond the following use patterns, supplement the control program with suitable pesticides. Observe day's interval between last application and harvest indicated by number in parenthesis ( ) following crop. Do not use in undiluted form.

**APPLE (60):** Codling Moth - ½ pt. per 100 gals. Do not exceed 4 applications during fruiting period. Do not exceed 5 pts. of product per acre.

**APPLE (40):** Codling Moth - ½ pt. per 100 gals. Do not exceed 2 applications during fruiting period. Do not exceed 5 pints of product per acre.

**APPLE (40):** Clover Mite, European Red Mite, Two-spotted Spider Mite ¼ pt. per 100 gals. Do not exceed 4 applications during fruiting period. Do not exceed 2½ pts. of product per acre.

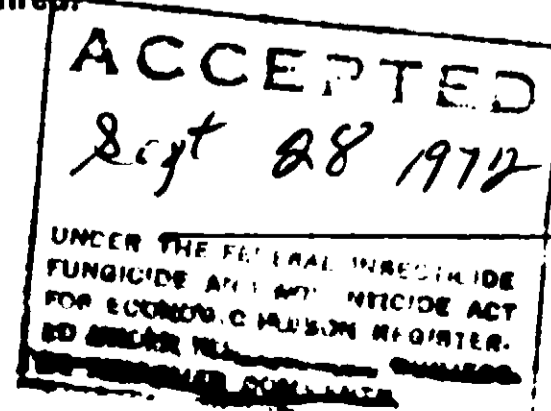
**APPLE (20):** Clover Mite, European Red Mite, Two-spotted Spider Mite - ¼ pt. per 100 gals. Do not exceed 2 applications during fruiting period. Do not exceed 2½ pts. of product per acre.

**DO NOT USE ON** Astrachen, Davy, Duchess, Margaret Pratt, Melba, Wealthy Williams Red (Red Williams), Yellow Transparent, or any varieties maturing with or before Early McIntosh or on Crimson and N.J. No. 3 (Brite-Mac), as injury is likely to occur.

**NECTARINES (30):** Clover Mite, European Red Mite, Two-Spotted Spider Mite - ¼ pt. with 100 gals. of water; or 1¼ to 1½ pts. per acre. Do not exceed 2 applications during fruiting period. Do not exceed 1½ pints of product per acre.

**PEAR (30):** Clover Mite, European Red Mite, Two-spotted Spider Mite - ¼ to 1/3 pt. per 100 gals. Pear Psylla - 1/3 to ½ pt. per 100 gals. Do not exceed 3 applications after first cover spray. Do not exceed 2½ pints of product per acre.

**STRAWBERRY (2):** Strawberry Leaf Roller, Two-spotted Spider Mite - ½ pt. per 100 gals; ½ to 1 pt. per acre. Spray plants thoroughly. Continue application after harvest as required.



Manufactured for:  
**ACETO C**  
AGRICU  
126-02 NORTHERN

BEANS

BEANS (SUCCULENT & DRY) (2): ~~(2)~~ Bean Leaf Beetle, Mexican Bean Beetle, Two-spotted Spider Mite -  $\frac{1}{4}$  to  $\frac{1}{2}$  pt. per acre. Potato Leafhopper -  $\frac{1}{2}$  pt. per acre. Do not feed bean foliage to livestock.

BEANS (SUCCULENT & DRY) (4): Lygus Bugs -- 1 pt. per acre. Do not feed treated bean foliage to livestock.

CORN (FIELD) (50): Pacific Mite, Two-spotted Spider Mite - 1 pt. per acre. Do not make more than one application after ear formation. Do not feed treated fodder to livestock.

CUCUMBER (0), SUMMER SQUASH (0): Serpentine Leaf Miner, Two-spotted Spider Mite -  $\frac{1}{2}$  pt. per acre.

EGGPLANT (0): Two-spotted Spider Mite -  $\frac{1}{4}$  to  $\frac{1}{2}$  pt. per acre.

MELONS (0): Melon Leaf Miner, Serpentine Leaf Miner, Two-spotted Spider Mite -  $\frac{1}{2}$  pt. per acre. Melon Leafhopper -  $\frac{3}{4}$  to 1 pt. per acre. Petrobia Mite (California only) -  $\frac{1}{2}$  to 1 pt. per acre.

PEPPER (0), PIMENTO (0): Serpentine Leaf Miner -  $\frac{1}{2}$  pt. per acre. Two-spotted Spider Mite -  $\frac{1}{4}$  to  $\frac{1}{2}$  pt. per acre.

SORGHUM (Grain and Forage): Sorghum Midge, Sorghum Mite -  $\frac{1}{4}$  to  $\frac{1}{2}$  pt. per acre. Do not exceed 3 applications per season. Do not harvest or feed forage within 30 days after last application. For midge, apply at first bloom and repeat 4-10 days later. Some leaf burning may occur on phosphate-sensitive varieties.

TOMATOES (2): Tropical Spider Mite, Two-spotted Spider Mite, Leaf Miner -  $\frac{1}{2}$  pt. per acre.

ORNAMENTALS (Greenhouse) Commercial Use: Millipedes - Soil Treatment: Use 5 fl. ozs. Aqua Ethion 8 in 75 gals. of water and apply to 2,500 sq. ft. of bench space. Wear mask or respirator passed by U.S. Bureau of Mines for ethion protection when applying in greenhouse.

ORNAMENTALS (Out-of-Doors) Commercial Use: Two-spotted spider Mite -  $\frac{1}{4}$  pt. per 100 gals. Slight needle drop has occurred on some varieties of Taxus following application of this material.

TURF: (Commercial Use): Chinch Bugs, Sod Webworm - Use  $\frac{1}{6}$  to  $\frac{1}{4}$  pt. per 1,000 sq. ft. of lawn applied in 20 gals. of water or  $\frac{3}{4}$  to  $1\frac{1}{2}$  pts. in 100 gals. of water to treat 5,000 sq. ft. To treat one acre, use 3- $\frac{3}{4}$  to 5 qts. applied in 800 gals. of water. It is important that the spray penetrate through the mat of turf to reach the insects. It helps to have the turf well irrigated prior to treatment.

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

HEMICAL CO., INC.  
NATURAL CHEMICALS DIVISION  
BOULEVARD, FLUSHING, N.Y. 11368

2749-223  
ACCEPTED  
Sept 28 1978