

**METHYL DEMOX**  
**2 L.B. PER GALLON**  
**SPRAY CONCENTRATE**  
**SYSTEMIC INSECTICIDE**

**ACCEPTED**  
 JAN 9 1973  
 UNITED STATES DEPARTMENT OF AGRICULTURE  
 FUNGICIDE, INSECTICIDE AND MOLLUSCICIDE ACT  
 FOR THE CONTROL OF POISON REGISTERED  
 UNDER NO. 2749-198

FOR CONTROL OF APHIDS AND MITES

**ACTIVE INGREDIENT:**  
 S- (2- (Ethylsulfanyl)ethyl) 0,0-dimethyl phosphorothioate\* **25%**  
**XYLENE** **14%**  
**INERT INGREDIENTS:** **61%**  
**TOTAL 100%**

\*CONTAINS 2 LBS. OF ACTIVE PER GALLON.

EPA REG. NO. 2749-198

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

MAY BE FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. DO NOT BREATHE SPRAY MIST. USE WITH ADEQUATE VENTILATION AND WHEN USING, WEAR PROTECTIVE CLOTHING, GLOVES, MASK AND GOGGLES. DO NOT GET IN EYES, OR ON SKIN OR CLOTHING.

WASH HANDS, ARMS AND FACE WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING OR SMOKING.

IN CASE OF CONTACT WITH SKIN, REMOVE CONTAMINATED CLOTHING AND WASH SKIN IMMEDIATELY WITH PLENTY OF WATER.

FOR EYES - FLUSH WITH PLENTY OF WATER AND GET MEDICAL ATTENTION.

IN CASE OF POISONING, CALL A PHYSICIAN IMMEDIATELY. SYMPTOMS OF POISONING ARE A SENSE OF "TIGHTNESS" IN THE CHEST, STOMACH PAINS, CONTRACTED PUPILS, SWEATING, VOMITTING AND DIARRHEA.

NOTE TO PHYSICIAN: ATROPINE SULFATE IS ANTIDOTE - ADMINISTER IN LARGE THERAPEUTIC DOSES. REPEAT AS NECESSARY. 2-PAM IS ALSO AN ANTIDOTE AND MAY BE ADMINISTERED IN CONJUNCTION WITH ATROPINE. DO NOT GIVE MORPHINE. WATCH FOR PULMONARY EDEMA AS THIS MAY DEVELOP IN SERIOUS CASES OF POISONING EVEN AFTER 12 HOURS. AT THE FIRST SIGN OF PULMONARY EDEMA, THE PATIENT SHOULD BE PLACED IN AN OXYGEN TENT AND TREATED SYMPTOMATICALLY.

THIS PRODUCT IS TOXIC TO FISH, WILDLIFE, AND BIRDS. KEEP OUT OF ANY BODY OF WATER. 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. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.

KEEP AWAY FROM DOMESTIC ANIMALS, FEED OR FOODSTUFFS.

DO NOT REUSE EMPTY CONTAINER. DESTROY EMPTY CONTAINER BY PERFORATING OR CRUSHING AND BURYING IN A SAFE PLACE.

KEEP ALL UNPROTECTED PERSONS OUT OF THE OPERATING AREA OR VICINITY WHERE THERE MAY BE DANGER OF DRIFT. VACATED AREAS SHOULD NOT BE REENTERED UNTIL THE DRIFTING INSECTICIDE AND VOLATILE RESIDUES HAVE DISSIPATED.

**RECOMMENDED USES:**

|                  |               |                    |             |
|------------------|---------------|--------------------|-------------|
| Alewife (seed)   | Cherries*     | Muskmelon          | Pumpkin     |
| Apples*          | Citrus*       | Nectarines*        | Quinces*    |
| Apricots*        | Clover (seed) | Ornamental Flowers | Shrubs      |
| Broccoli         | Cotton        | Peaches*           | Squash      |
| Brussels sprouts | Corn          | Pears              | Sugar Beets |
| Cabbage          | Crab Apples*  | Plums              | Trees       |
| Cauliflower      | Cucumbers     | Prunes*            | Turnips     |
|                  | Grapes*       | Potatoes           | Watermelon  |

\*Non-Bearing

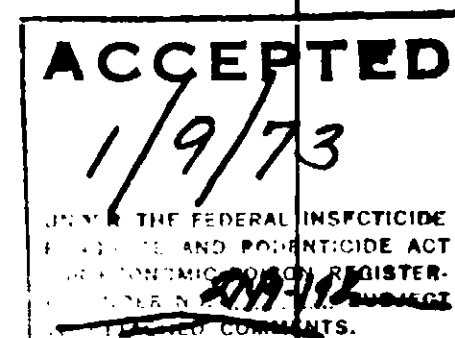
**DIRECTIONS FOR USE:**

METHYL DEMOX 2 lb. per gallon spray concentrate, when diluted with water, forms an emulsion and is suitable for use with all power-operated ground sprayers and aircraft sprayers. To mix, just pour METHYL DEMOX 2 lb. per gallon spray concentrate in the proper amount of water and agitate. Only use METHYL DEMOX 2 lb. per gallon Spray Concentrate on the crops listed. When spraying, work to windward and protect sprayer operators and nearby crops from drift or mist. Do not graze livestock in treated areas. Do not treat food crops grown in greenhouses.

**ACCEPTED**  
 1/9/73

| CROP   | INSECT                                   | AMOUNT OF METHYL DEMOX 2 LB. PER GAL. CONC. PER ACRE | REMARKS  |
|--|--|--|--|
| <b>FIELD CROPS</b>   |  |  |  |
| Cotton   | Aphids<br>Mites                          | 1½ to 2 pts.   | Apply in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than 3 times per season nor within 14 days of picking. Do not graze or feed gin trash to dairy or meat animals. |
| Corn   | Aphids<br>Mites<br>Leafhoppers<br>Thrips | 1½ to 2 pts.   | Apply in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than once per season nor within 14 days of harvest of corn or 30 days of harvest of corn fodder.                |
| Sugar Beets  | Aphids<br>Mites<br>Leafhoppers           | 1½ to 2 pts.   | Apply in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than twice per season. Do not harvest beets or use beet tops for feed or forage within 30 days of treatment.    |
| <b>SEED FIELD CROPS</b>  |  |  |  |
| Alewife<br>Clover  | Aphids<br>Mites<br>Leafhoppers<br>Thrips | 1½ to 2 pts.   | Apply in sufficient water for complete coverage but not less than one gallon per acre. Repeat as necessary. Do not pasture or use treated crop for food, feed or forage.   |
| Pears  | Aphids<br>Mites                          | 1 pt.  | Apply in 100 gallons of water as a full coverage spray. Do not apply more than once per season nor within 30 days of harvest.  |
| <b>NON-BEARING FRUITS</b>  |  |  |  |
| Apples<br>Grapes<br>Apricots<br>Cherries<br>Plums<br>Crab Apples<br>Nectarines<br>Prunes<br>Peaches<br>Quinces | Aphids<br>Mites                          | 1 to 1½ pts.   | Apply in 100 gallons of water as a full coverage spray* on non-bearing trees. Repeat as necessary. Do not apply to trees that will bear fruit within the next 12 months.   |
| Citrus   | Aphids<br>Texas Citrus<br>Mites          |  |  |
| <b>VEGETABLES</b>  |  |  |  |
| Broccoli   | Aphids                                   | 1½ to 2 pts.   | Apply in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than once per season nor within 21 days of harvest.   |
| Brussels Sprouts<br>Cabbage<br>Cauliflower   | Aphids                                   | 1½ to 2 pts.   | Apply in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than 3 times per season nor within 24 days of harvest.  |

|   |   |              |   |
|---|---|--------------|---|
| <u>Cucumbers</u>  | <u>Aphids</u><br><u>Mites</u> ✓   | 1½ to 2 pts. | Apply in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than twice per season nor within 14 days of harvest.   |
| <u>Potatoes</u>   | <u>Aphids</u><br><u>Leafhoppers</u>   | 1½ to 2 pts. | Apply in sufficient water for complete coverage but not less than one gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.  |
| <u>Pumpkin</u><br><u>Squash (Winter</u><br><u>and Summer)</u>                                     | <u>Aphids</u>   | 1½ to 2 pts. | Apply in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than once per season nor within 14 days of harvest.  |
| <u>Turnips</u>  | <u>Aphids</u><br><u>Mites</u> ✓   | 1½ to 2 pts. | Apply in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than twice per season nor within 14 days of harvest. Do not use turnip's tops for food or forage.  |
| <b>MELONS</b><br><u>Muskmelon</u><br><u>(Cantaloupe)</u>  | <u>Aphids</u><br><u>Mites</u> ✓   | 1½ to 2 pts. | Apply in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than 3 times per season nor within 14 days of harvest.   |
| <u>Watermelons</u>  | <u>Aphids</u><br><u>Mites</u> ✓   | 1½ to 2 pts. | Apply in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than twice per season nor within 7 days of harvest.  |
| <b>ORNAMENTALS</b><br><u>Foliar Spray</u><br><u>Ornamental Flowers</u><br><u>Shrubs and Trees</u> | <u>Aphids</u><br><u>Birch Leaf</u><br><u>Mite</u><br><u>Holly Leaf</u><br><u>Mite</u><br><u>Leafhoppers</u><br><u>Mites</u><br><u>Thrips</u><br><u>Whiteflies</u> | 1½ pts.      | Apply in 100 gallons (1½ teaspoonfuls per gallon) of water as a full coverage spray. Repeat as necessary. Do not handle treated plants until spray deposit has dried. Injury has occurred in greenhouses on chrysanthemum varieties: Hurricane, Iesburg, Whitetop, and Pennant and on Easter Mites. When large plantings of chrysanthemums or Easter Mites are to be sprayed, treat only a few plants and observe for varietal sensitivity before treating the entire planting. |
| <u>Soil Drench</u><br><u>Chrysanthemum</u>  | <u>Aphids</u><br><u>Mites</u><br><u>Thrips</u>  | ½ pt.        | Potted Plants: Mix specified dosage in 50 gallons (1½ tsp. per gallon) of water to form an emulsion. Use 1 quart of emulsion for each 5 gallons of plant container capacity.  |
| <u>Double</u><br><u>Roses</u>   | <u>Mites</u><br><u>Aphids</u>   |              |   |
| <u>Cuban Laurel</u>   | <u>Cuban Laurel</u><br><u>Thrips</u>  | ½ pt.        | For plants in nursery cans, boxes or other containers: Mix specified dosage in 50 gallons (1 tsp. per gallon) of water to form an emulsion. Use 1 qt. of emulsion for each 5 gallons of plant container capacity.   |
|   |   | 1½ pt.       | For established trees: (Street trees, trees in parks, etc. where basin method of irrigation is used). Mix specified dosage in 50 gallons (2½ tsp. per gallon) of water to form an emulsion. Use 4 gallons of emulsion per inch of trunk diameter. Keep children and pets away from basin until material has soaked into soil. Penetration may be aided by drilling holes in the soil.   |



\*This dosage is calculated for conventional sprayers. When lower volumes of spray are applied per acre, as with low pressure low-volume airplane or mist-type equipment, increase the concentration of METHYL DEMOX in the spray mixture in order to apply amount of METHYL DEMOX per acre equivalent to a full coverage spray but in no case use less than one gallon of water per acre.



Manufactured for:  
**ACETO CHEMICAL CO., INC.**  
AGRICULTURAL CHEMICALS DIV.

126-02 NORTHERN BOULEVARD, FLUSHING, N.Y. 11368