

USE PRECAUTIONS

Observe use limitations given on the label for specific crops. The Federal Food and Drug Administration has set official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use only at recommended rates and do not apply closer to harvest than specified.

Consult State Agricultural Extension Service for additional information, as the timing, number and rate of applications needed will vary with local conditions.

DIRECTIONS FOR USE

Pour recommended amount of this material into partially filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand. If mixture does not mix readily, but tends to separate as an oily layer, do not use as injury to plants may result. This material is compatible with commonly used insecticides and fungicides, but residual toxicity may be reduced when combined with alkaline materials. Do not combine emulsifiable liquids with wettable powders in the same spray tank unless previous use of the materials being combined has proved them to be physically compatible.

For airplane application, mix with approximately 3 to 10 gallons water (minimum quantity) per acre consistent with crop growth and good coverage.

Unless otherwise indicated, dosages are given in pints of Malathion 50% Emulsion Concentrate in sufficient water to cover one acre. Thorough full coverage applications should be made. Begin applications when insects first appear and repeat as necessary.

ALFALFA, CLOVER: Alfalfa Weevil Larvae, Aphids, Armyworms, Grasshoppers, Potato Leafhoppers, Spider Mites, Spittlebug—2¼ pt. Do not apply to Alfalfa or Clover in bloom or within 7 days of harvest.

ASPARAGUS: Asparagus Beetles, Thrips—2½ pt. Do not apply within 1 day of harvest.

BEANS: Aphids, Cucumber Beetles, Japanese Beetles, Mexican Bean Beetles, Potato Leafhopper, Spider Mites—2¼ pt. Do not apply within 1 day of harvest.

BEETS: Aphids—2¼ pt. Do not apply within 7 days of harvest.

CELERY: Aphids, Spider Mites—2¼ pt. Do not apply within 7 days of harvest.

COLE CROPS (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Kale, Mustard, Turnip): Aphids, Cabbage Looper, Imported Cabbage Worm—2¼ to 3¼ pt. Do not apply within 3 days of harvest on broccoli and turnips; on other Cole Crops do not apply within 7 days of harvest.

CORN: Aphids, Corn Rootworm Adults, Sap Beetles, Thrips—1½ pt. Injury may occur in the whorl and silk stage. Do not apply within 5 days of harvest or forage use.

CRANBERRY: Black-headed Fireworm, Cranberry Fruitworm, Leafhoppers, Spittlebugs—1½ pt. Do not apply within 3 days of harvest.

CUCURBITS: (Cucumber, Melon, Pumpkin, Squash): Aphids, Cucumber Beetle, Pickleworm, Spider Mites, Squash Vine Borer—2¼ to 3¼ pt. Use higher rate for Cucumber Beetle and Squash Vine Borer. Do not apply to cucurbits unless plants are dry. Do not apply within 3 days of harvest on pumpkins; 1 day of harvest on cucumber, melon and squash.

EGGPLANT: Aphids, Spider Mites, Lace Bugs—2¼ to 3¼ pt. Use higher rate for Lace Bug control. Do not apply within 3 days of harvest.

GRASS AND CEREAL CROPS (Barnyard grass, canary grass, fescue, orchard grass, red top, timothy and yellow foxtail, barley, corn, oats and wheat): Cereal Leaf Beetle—1¼ pt. Do not apply within 7 days of harvest or forage use on barley, oats and wheat; 5 days of harvest or forage use on corn and grasses.

LETTUCE: Aphids, Cabbage Looper, Leafhoppers, Mites—3¼ pt. Do not apply within 14 days of harvest on leaf lettuce; 7 days of harvest on head lettuce.

ONIONS: Onion Maggot, Thrips—2¼ to 3¼ pt. Use higher rate for onion maggot control and apply when flies first appear. Do not apply to green onions within 3 days of harvest.

PEAS: Pea Aphid, Pea Weevil—2¼ pt. Do not apply within 3 days of harvest; 7 days if forage is to be fed to livestock.

PEPPERS: Aphids, Pepper Maggot—2¼ pt. Do not apply within 3 days of harvest.



MALATHION

50% EMULSION CONCENTRATE

ACTIVE INGREDIENTS

Malathion (O, O-dimethyl dithiophosphate mercaptosuccinate)

Xylene

INERT INGREDIENTS:

TOTAL

DO NOT USE OR STORE NEAR HI
PROTECT FROM TEMPERATUR

CAUTION: KEEP OUT OF R

See other cautions on :

Distributed by SMITH-

DIVISION OF BORDEN CHEMICAL,
Norfolk, Va. 23501

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MALATHION 50% EC

Ingredients	
Diethyl malathion, O-dimethyl dithiophosphate of diethyl malathion (malathion) (50% EC)	50.00%
Diethyl malathion, O-dimethyl dithiophosphate of diethyl malathion (malathion) (41.37%)	41.37%
Diethyl malathion, O-dimethyl dithiophosphate of diethyl malathion (malathion) (8.63%)	8.63%
TOTAL	100.00%

STORE NEAR HEAT OR OPEN FLAME!
DO NOT STORE AT TEMPERATURES BELOW 0° F.

KEEP OUT OF REACH OF CHILDREN

See other cautions on side panels

Manufactured by **SMITH-DOUGLASS**

A Division of **BORDEN CHEMICAL, BORDEN INC.**
Norfolk, Va. 23501

POTATO: Aphids, Leafhopper—2¼ pt.
SPINACH: Aphids—2¼ pt. Do not apply within 7 days of harvest.
STRAWBERRIES: Aphids, Lygus Bugs, Spider Mites, Spittlebugs—2¼ to 3¼ pt. Do not apply within 3 days of harvest.
TOMATOES: Aphids, Spider Mites—2¼ pt. Drosophila Flies—2¾ pt. Do not apply within 1 day of harvest.
ORNAMENTALS: Aphids, European Pine Shoot Moth, Four-lined Leaf Bug, Japanese Beetle Adult, Mealybugs, Potato Leafhopper, Rose Leafhopper, Scurfy Scale, Spider Mites, Tarnished Plant Bug, Thrips, Whitefly—2 pt. per 100 gal. dilute spray (2 teaspoonfuls per gal.) Azalea Scale, Bagworms, Birch Leafminer, Boxwood Leafminer, Fletcher Scale, Florida Red Scale, Juniper Scale, Magnolia Scale, Oak Kermes, Pine Leaf Scale, Tent Caterpillar—2¼ pt. per 100 gal. dilute sprays (2½ teaspoonfuls per gal.) For Fletcher, Juniper, and Oak Kermes Scales, apply when scale crawlers have settled on foliage. **CAUTION:** Avoid use on certain ferns including Boston, Maidenhair and Pteris, as well as on some species of Cressula.
FLY CONTROL: For use in and around buildings which house domestic animals, around homes, around yards and meat processing plants.

STRAIGHT MALATHION SPRAYS

Amount of Spray	Amount Malathion 50% EC	Amount of Bait Spray
2½ gal.	1 cup	2½ gal.
12 gal.	1 qt.	12 gal.
100 gal.	2 gal.	100 gal.

MALATHION BAIT SPRAYS

Amount Malathion 50% EC	Sugar (or)	Unsulfurized Molasses or Corn-Syrup
1 cup	1 cup	1 cup
1 qt.	2½ lb.	1 qt.
2 gal.	20 lb.	2 gal.

Apply spray at rate of 1 gal. per 1,000 sq. ft. on painted surfaces and 2 gal. per 1,000 sq. ft. on unpainted surfaces where flies alight or congregate. Do not apply malathion within 14 days to freshly white-washed surfaces. Sugar, unsulfurized molasses, or corn syrup have been found in most cases to prolong the insecticidal activity of malathion against flies.

CAUTION

Harmful if inhaled, swallowed or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Keep out of reach of children and domestic animals. Avoid contamination of feed and foodstuffs. Wash thoroughly with soap and water after using. Do not leave within reach of children.

NOTE TO PHYSICIANS: Malathion, upon repeated, prolonged and careless use, may cause cholinesterase inhibition. Atropine is antidotal.

Do not apply or allow to drift to areas occupied by unprotected humans, beneficial animals or onto adjoining food and forage crops.

This product is toxic to fish. Keep out of any body of water.

To protect bees, do not apply when crops are in bloom. Remove or cover hives if spraying is necessary. Avoid contamination of milk, milk equipment and water. Avoid contamination of feed and food products, also drinking fountains and feed troughs. Remove lactating animals from buildings before treating. Also remove calves under one month of age before treating.

CONTAINER DISPOSAL: Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place.

NOTICE: Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but seller makes NO WARRANTY OF MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE or any other warranty, express or implied, except as herein stated. Seller's liability is limited to the purchase price of the product and this shall be the buyers only remedy. Buyer assumes the risk of use of this product contrary to label instructions, carelessly, or under conditions not intended by or not reasonably foreseeable to seller.

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