



Malathion 8 Spray

ORGANOPHOSPHATE

ACCEPTED

AUG 19 2004

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2935-83

ACTIVE INGREDIENT:
 Malathion*: O,O-dimethyl phosphorodithioate
 of diethyl mercaptosuccinate 81.2%

INERT INGREDIENTS: 18.8%

TOTAL 100.0%

Contains Xylene Range Aromatic Solvent

*This product contains 9.827 pounds of Malathion per gallon.

EPA Reg. No. 2935-83

EPA Est. No. 2935-CA-01

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through the skin. Causes eye irritation. Avoid breathing spray mist. Avoid contact with eyes, on skin, or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

FIRST AID

If swallowed:	<ul style="list-style-type: none"> -Call a poison control center or doctor immediately for treatment advice. -Have person sip a glass of water if able to swallow. -Do not induce vomiting unless told to do so by a poison control center or doctor. -Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> -Move person to fresh air. -If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. -Call a poison control center or doctor for further treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> -Take off contaminated clothing. -Rinse skin immediately with plenty of water for 15-20 minutes. -Call a poison control center or doctor for treatment advice.
If in eyes:	<ul style="list-style-type: none"> -Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. -Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: This product contains an organophosphate that inhibits cholinesterase. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

- EMERGENCY TELEPHONE NUMBERS:**
- (800) 424-9300 CHEMTREC (transportation and spills)
 - (800) 900-4044 Poison Control Center (human health)
 - (800) 345-4735 ASPCA (animal health)

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA Chemical-resistance category selection chart.

Applicators and other handlers must wear: A) Long-sleeved shirt; B) Long pants; C) Chemical-resistant gloves such as Barrier laminate, Butyl rubber, Nitrile rubber or Viton; D) Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statements: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates and aquatic life stages of amphibians. For Terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

For aquatic uses, do not apply directly to water except as specified on this label.

CHEMICAL AND PHYSICAL HAZARDS

Keep container closed and away from heat and open flame. Do not combine emulsifiable liquids with wettable powders in the same spray tank unless previous use of the materials being combined has proven them to be physically compatible.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read directions carefully. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is: A) Coveralls; B) Chemical-resistant gloves such as Barrier laminate, Butyl rubber, Nitrile rubber or Viton; C) Shoes plus socks.

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STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

2. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
3. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.
4. **STORAGE:** Store in original container only and keep sealed. Store in closed storage areas. Use caution when moving, opening, closing or pouring.

NOT FOR USE OR STORAGE IN OR AROUND HOME

See Attached Use Label For Specific Crop Directions for Use

WARRANTY STATEMENT: WILBUR-ELLIS COMPANY warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of WILBUR-ELLIS COMPANY. In no case shall WILBUR-ELLIS COMPANY be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling or application of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid for this product or at WILBUR-ELLIS COMPANY'S election, the replacement of this product. WILBUR-ELLIS COMPANY MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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In Case of Emergency, Call CHEMTREC: (800) 424-9300

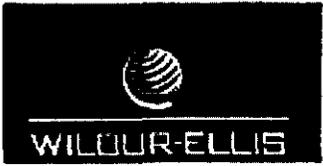
Net Contents:

Manufactured in U.S.A. by:



WILBUR-ELLIS COMPANY
PO Box 16458 • Fresno CA 93755

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IDEAS TO GROW WITH®

Malathion 8 Spray

ORGANOPHOSPHATE

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Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2935-83

ACTIVE INGREDIENT:	
Malathion*: O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate	81.2%
INERT INGREDIENTS:	
TOTAL	100.0%
Contains Xylene Range Aromatic Solvent	
*This product contains 9.827 pounds of Malathion per gallon.	

EPA Reg. No. 2935-83

EPA Est. No. 2935-CA-01

KEEP OUT OF REACH OF CHILDREN

CAUTION

Observe Precautions on Container Label.

DIRECTIONS FOR USE

Apply specified rate per acre in sufficient water to thoroughly cover plant surfaces with ground driven equipment or aircraft. When applied by air use a minimum of 5 gallons of water per acre – by ground a minimum of 10 gallons per acre.

ALFALFA & CLOVER: ALFALFA WEEVIL LARVAE, APHIDS, ARMYWORMS, CLOVER LEAF WEEVIL, GRASSHOPPERS, LYGUS BUGS, PEA APHID, POTATO LEAFHOPPERS, SPIDER MITES, SPITTLEBUG, SPOTTED ALFALFA APHID, VETCH BRUCHID, - use 1 to 1-1/2 pints per acre. Use higher rate for armyworm control. For hard to control insects, use up to 2 pints per acre. Apply to alfalfa in bloom only in the evening or early morning when bees are not working in the fields or are not hanging on the outside of hives. Do not apply within 7 days of harvest when using 2 pints per acre. **The 2 pt. per acre use is not registered in California.**

APRICOTS, AVOCADOS, CHERRIES, FIGS, NECTARINES, PEACHES and PECANS: Use 1 to 1-1/2 pints per 100 gallons of water to control APHIDS, THRIPS, SPIDER MITES, MEALYBUGS, CODLING MOTH, EYE-SPOTTED MOTH, PLUM CURCULIO, CHERRY FRUIT FLY, PEAR PSYLLA, SCALE CRAWLERS, LEAFROLLERS and ORANGE TORTRIX. For control of DRIED FRUIT BEETLES and VIN-EGAR FLIES on figs apply 2-1/2 pints plus 1 to 2 gallons of unsulfured molasses per acre. For SCALE on peaches apply to completion of hatching, about last of June. For CHERRY FRUIT FLY repeat applications every 10 days. Injury may occur in summer sprays to certain varieties of sweet cherries particularly in the Northwest and fruit spotting may occur on nectarines. Do not apply within 3 days of harvest on cherries and figs; within 7 days on apricots, avocados, nectarines & peaches. No limitation on Pecans.

BEETS, DANDELIONS, EGGPLANT, ENDIVE, GARLIC, LEEKS, PARSLEY, PARSNIPS, PEAS, PEPPERS, SALISFY, SHALLOTS, SPINACH, SWISS CHARD & WATERCRESS: Use 1/2 to 1 pint per acre to control APHIDS, SPIDER MITES, THRIPS, LEAFHOPPERS, ASPARAGUS BEETLE, PEA WEEVIL and MEXICAN BEAN BEETLE. Do not apply within 3 days of harvest on garlic, Eggplant, Leeks, Peas, Peppers and Shallots; within 7 days on Beets, Dandelions, Endive, Parsnips, Salsify, Swiss Chard, Spinach, Watercress and within 21 days on Parsley. Do not feed or graze treated peas.

BEANS: For the control of APHIDS, SPIDER MITES, THRIPS, LEAFHOPPERS, ASPARAGUS BEETLE, PEA WEEVIL and MEXICAN BEAN BEETLE use 1 to 1-1/2 pints per acre by ground or air application. Do not apply within 1 day of harvest. Do not feed or graze treated crop.

BERRIES, CANEBERRIES (BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES and RASPBERRIES): Use 1-1/2 to 2 pints per acre to control APHIDS, THRIPS, SPIDER MITES, WHITEFLIES, LEAFHOPPERS, ROSE SCALE, LYGUS BUGS, SPITTLE-BUGS, LEAFROLLERS, BACKHEADED FIREWORMS and STRAWBERRY ROOT WEEVIL. Do not apply within 1 day of harvest on Caneberries.

CABBAGE, BROCCOLI, BRUSSELS SPROUTS, KALE, MUSTARD GREENS, TURNIPS: Use 1 to 2 pints per acre to control APHIDS, IMPORTED CABBAGEWORM & CABBAGE LOOPER. Do not apply within 7 days of harvest on Brussels Sprouts, Cabbage, Kale, Mustard Greens and within 3 days on Broccoli and Turnips.

CELERY & CUCUMBERS: Use 1-1/2 pints per acre to control APHIDS, SPIDER MITES AND CUCUMBER BEETLE. Do not apply within 7 days of harvest on Celery or within 1 day of harvest on Cucumbers.

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CITRUS: (GRAPEFRUIT, LEMONS, LIMES, ORANGES, TANGERINES, TANGELOS & KUMQUATS): Use 1 to 2 pints per 100 gallons of water to control APHIDS & SCALE CRAWLERS. Use 2-1/2 pints per 200 gallons of water to control THRIPS. Do not apply when trees are in bloom. Do not apply within 7 days of harvest.

COTTON: Use 1-4 pints per acre to control BOLLWEEVILS, COTTON APHID, LEAFHOPPERS, WHITE FLIES, COTTON LEAF PERFORATOR, COTTON LEAFWORM, THRIPS and LYGUS BUGS. In California do not use more than 1 pint per acre. No time limitation. Do not feed or graze treated crop.

GRAPES: Use 1-1/2 to 2-1/2 pints per acre to control GRAPE LEAFHOPPERS, MEALYBUGS and SPIDER MITES. Injury may occur to Ribier, Italla, Cardinal and Almeria grape varieties when Malathion is applied after the clusters appear. Do not apply within 3 days of harvest.

LENTILS: Use 1 pint per acre to control APHIDS. Do not apply within 3 days of harvest. Do not feed or graze treated crop. **Malathion 8 Spray is not registered for use on Lentils in California.**

LETTUCE: Use 1 to 2 pints per acre to control APHIDS and LEAFHOPPERS. Do not apply within 7 days on Head Lettuce and within 14 days on Leaf Lettuce.

MUSHROOMS: Use 1-1/2 pints per 130 gallons of water per acre or 1-1/4 tsp. in 3 gallons water per 1000 sq. ft. of bed to control SPIDER MITES, PHORID FLIES and SCIARID FLIES. Make thorough applications as soon after picking as possible. Repeat applications as necessary, usually twice a week. Do not apply within 1 day of picking.

ONIONS: Use 1-1/2 pints per acre to control THRIPS. Do not apply within 3 days of harvest.

ORNAMENTALS: Use 1 pint per acre to control APHIDS, SPIDER MITES, WHITEFLY, MEALYBUGS, THRIPS and LEAFHOPPERS. Use 1-1/3 pint per acre to control TENT CATERPILLAR, JUNIPER SCALE, FLETCHER SCALE, FLORIDA RED SCALE, PINE LEAF SCALE and OAK KERMES. Use 1-3/4 pint per acre to control MONTEREY PINE SCALE and SOFT SCALE. Repeat as necessary. To control listed scales – apply thorough full coverage spray at time scale crawlers have settled on foliage. Do not use on Boston, Maidenhair and Pteris Ferns and some species of Crassula. **Malathion 8 Spray is not registered for use on Ornamentals in California.**

PEPPERMINT & SPEARMINT: Use 1 pint per acre to control APHIDS, SPIDER MITES, FLEA BEETLE ADULTS and LEAFHOPPERS. Do not apply within 7 days of cutting.

POTATOES & TOMATOES: Use 1 to 1-1/2 pints per acre to control APHIDS, LEAFHOPPERS, FALSE CHINCH BUG and SPIDER MITES. Do not apply within 1 day of harvest on Tomatoes and no limitation on Potatoes. California only: For the control of TOMATO FRUITWORM use 3-1/2 pints per acre on Tomatoes. When the 3-1/2 pint rate is used, do not apply within 5 days of harvest.

RADISH & HORSERADISH: For control of APHIDS, DIAMONDBACK MOTH, FLEA BEETLE, LEAFHOPPERS. Use 2 pints per acre. Do not apply within 7 days of harvest. **Malathion 8 Spray is not registered for use on Radish and Horseradish in California.**

RICE: (Grain Form): Use 1-1/2 pints per acre to control RICE LEAF MINER. Make first application shortly after the first rice plants appear on the surface of the water. Do not apply within 7 days of harvest. Broadcast use only over intermittently flooded areas. Application may not be made around bodies of water where fish or shellfish are grown and/or harvested commercially.

SMALL GRAINS (BARLEY, OATS, RYE & WHEAT): Use 1-1/4 pints per acre to control APHIDS and ARMYWORMS. Do not apply within 7 days of harvest.

For residual wall, floor and machinery spray in grain elevators, in treating truck beds, box cars and ships' holds before loading grain, apply 3/4 gallon of Wilbur-Ellis Malathion 8 Spray per 25 gallons of water making thorough application. Before applying spray, clean elevators and box cars thoroughly. Remove and burn all sweepings and debris. When applying in ships' holds, wear protective clothing to minimize skin exposure. Wear a respirator approved by NIOSH for liquid malathion.

Use only with adequate ventilation. After application, ventilate thoroughly before occupying enclosed cabs.

SQUASH, PUMPKINS: For control of APHIDS, LEAFHOPPERS, PICKLEWORM, SPIDER MITES, CUCUMBER BEETLES, use 1-1/2 to 1-3/4 pints per acre by ground or air application. Do not apply within 1 day of harvest on squash. Do not apply within 3 days of harvest on Pumpkin. **Malathion 8 Spray is not registered for use on pumpkins in California.**

WALNUTS: For control of APHIDS, MITES, WALNUT HUSK FLY, use 4 to 12-1/2 pints per acre. No time limitation.

MOSQUITO CONTROL

MOSQUITO LARVAE: Apply 8 fluid ounces per acre to standing water (intermittently flooded areas, stagnant water, temporary rain pools). Broadcast use only over intermittently flooded areas. Application may not be made around bodies of water where fish or shellfish are grown and/or harvested commercially.

ADULT MOSQUITO & FLY CONTROL: Apply 7.2 to 9.6 fluid ounces per acre for control of ADULT FLIES and MOSQUITOS. Repeat as necessary. Can be applied to alfalfa, clover, pasture and range grass, grass hay, grain crops (barley, oats, rye and wheat), beans, rice and nonagricultural lands. Do not apply within 7 days of harvest on grain crops (barley, oats, rye and wheat) and rice; 5 days of harvest on corn; 1 day of harvest on beans. No time limitation on alfalfa, clover, pasture and range grass, grass and grass hay. Do not apply to alfalfa and clover in bloom. Do not use on seed alfalfa. Treat shubbery and vegetation where mosquitoes may result. Shubbery and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated. Application may not be made around bodies of water where fish or shellfish are grown and/or harvested commercially.

WILBUR-ELLIS MALATHION 8 SPRAY can be applied as a dilute or low volume spray. For low volume spray, apply 0.5 to 5 gallons of

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water per acre. For dilute recommendations, consult the label.

Repeat applications should be made as necessary unless otherwise specified.

Undiluted spray droplets of Malathion will permanently damage automobile paint. Cars should not be sprayed. If accidental exposure does occur, the car should be washed immediately.

To be applied only by trained personnel of Public Health Organizations, Mosquito Abatement Districts, Public Mosquito Control Programs and Professional Pest Control Operators.

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