

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if Swallowed. Avoid contact with skin. Wash thoroughly after using. Avoid breathing of spray mist. Avoid contamination of feed and foodstuff. Keep out of reach of children. 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams, or ponds. 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. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Apply this product only as specified on this label. This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Agricultural Extension Service.

STATEMENT OF PRACTICAL TREATMENT

Note to Physician: This product may cause cholinesterase inhibition. Atropine and 2-PAM may be effective as an adjunct to atropine.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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.

STORAGE AND DISPOSAL

- 1. Prohibitions** — Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.
- 2. Pesticide Disposal** — Pesticide spray mixture or mixture that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.
- 3. Container Disposal** — Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place.
- 4. General** — Consult Federal, State or Local Disposal Authorities for approved alternative procedures.

RECOMMENDATIONS FOR USE

ALFALFA & CLOVER: Use 1 1/2 pts. per acre to control APHIDS, LEAFHOPPERS, GRASSHOPPERS, SPIDER MITES, LYGUS BUGS, SPITTLEBUG, ALFALFA WEEVIL LARVAE and ARMYWORMS. For SPOTTED ALFALFA APHID use 4/5 to 1 pint per acre by ground equipment and 1 to 1 1/5 pints per 5 to 10 gals. of water per acre by airplane. Do not apply on alfalfa and clover in bloom two times in a year.

ALMONDS: For control of APHIDS and PEACH TWIG BORER use 2 to 4 pints per acre in 500 of water. No time interval between last application and harvest.

[Wilbur-Ellis]

Malathion 8 Spray

ACTIVE INGREDIENTS:	
Malathion*	81.2%
Xylene Range Aromatic Solvents	8.8%
INERT INGREDIENTS:	
* O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate	TOTAL 100.0%

E.P.A. Reg. No. 2935-83-ZA E.P.A. Est. No: 2935-CA-1

KEEP OUT OF REACH OF CHILDREN!

CAUTION:

NOT FOR USE OR STORAGE IN OR AROUND THE HOME
SEE SIDE PANEL FOR ANTIDOTE AND PRECAUTIONARY STATEMENTS

[Wilbur-Ellis]

FRESNO • LOS ANGELES • GLENDALE, ARIZ. • PORTLAND • SEATTLE

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ACCEPTED

FEB 21 1980

Handwritten notes and signatures in a box.

[Wilbur-Ellis]

Malathion Spray

.....	81.2%
.....	8.8%
.....	10.0%
TOTAL	100.0%

No. 2935-83-ZA E.P.A. Est. No: 2935-CA-1

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[Wilbur-Ellis]

LOS ANGELES • GLENDALE, ARIZ. • PORTLAND • SEATTLE

RECOMMENDATIONS FOR USE (Continued)

APPLES, APRICOTS, AVOCADOS, CHERRIES, FIGS, NECTARINES, PEACHES, PEARS, PECANS, PLUMS, PRUNES AND QUINCES: Use 1 to 1 1/2 pts. per 100 gals. of water to control **APHIDS, THRIPS, SPIDER MITES, MEALYBUGS, CODLING MOTH, EYE-SPOTTED MOTH, PLUM CURCULLIO, CHERRY FRUIT FLY, PEAR PSYLLA, SCALE CRAWLERS, LEAFROLLERS and ORANGE TORTRIX.** For control of **DRIED FRUIT BEETLES** and **VINEGAR FLIES** on figs apply 2 1/2 pts. plus 1 to 2 gals. of unsulfured molasses per acre. For **WILLIAMSITTE MITE** and **TWO-SPOTTED MITES** on apples make at least 2 applications 10 to 12 days apart in summer months. 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 to McIntosh and Courtland varieties of apples in summer sprays, and to certain varieties of sweet cherries particularly in the Northwest, and fruit spotting may occur on nectarines. Do not apply within 1 day of harvest on pears, within 3 days on apples, cherries, figs, plums, prunes and quinces, within 7 days on apricots, avocados, nectarines & peaches. No limitation on Pecans.

ASPARAGUS, BEETS, CARROTS, DANDELIONS, EGGPLANT, ENDIVE, GARLIC, LEEKS, PARSLEY, PARSHIPS, PEAS, PEPPERS, SALISFY, SHALLOTS, SPINACH, SWISS CHARD & WATERCRESS: Use 1/2 to 1 pt. per acre to control **APHIDS, SPIDER MITES, THRIPS, LEAFHOPPERS, ASPARAGUS BEETLE, PEA WEEVIL** and **MEXICAN BEAN BEETLE.** Do not apply within 1 day of harvest on Asparagus, within 3 days on Garlic, Eggplant, Leeks, Peas, Peppers and Shallots; within 7 days on Beets, Carrots, Dandelions, Endive, Parsnips, Salisfy, Swiss Chard, Spinach, Watercress and within 21 days on Parsley.

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.

BERRIES: CANEBERRIES (Blackberries, Boysenberries, Dewberries, Loganberries and Raspberries), CRANBERRIES & STRAWBERRIES: Use 1 1/2 to 2 pts. per acre to control **APHIDS, THRIPS, SPIDER MITES, WHITEFLIES, LEAFHOPPERS, ROSE SCALE, LYGUS BUGS, SPITTLEBUGS, LEAF-ROLLERS, BACKBRODED FIREWORMS** and **LEAFWEEVIL.** Do not apply for **STRAWBERRY ROOT WEEVIL** apply to soil surface before planting and work into top 6 to 8 inches. Do not apply within 3 days of harvest on Cranberries and Strawberries and within 1 day on Caneberries.

CABBAGE, BROCCOLI, BRUSSELS SPROUTS, KALE, MUSTARD GREENS, TURNIPS: Use 1 to 2 pts. 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.

CANTALOUPE, SQUASH, MELONS: 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 3 days of harvest on cantaloupes and melons; 1 day on squash.

CELERY & CUCUMBERS: Use 1 1/2 pts. 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.

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

RECOMMENDATIONS FOR USE

COTTON: Use 1 pt. per acre to control **COTTON APHID, LEAF PERFORATOR, COTTON LEAFWORM, THRIPS.**

→ **DATES:** Use 1 pt. per acre by air or ground application apply within 7 days of harvest.

GRAPES: Use 1 1/2 to 2 1/2 pts. per acre to control **GRAPES MITES.** Injury may occur to Ribier, Italia, Cardin. Malathion is applied after the clusters appear. Do not apply within 7 days of harvest.

LETTUCE: Use 1 to 2 pts. per acre to control **APHIDS** and **THRIPS.** Apply 7 days on Head Lettuce and within 14 days on Romaine Lettuce.

MOSQUITO LARVAE: Apply 8 fluid ozs. per acre to stagnant water, temporary rain pools.

→ **ADULT MOSQUITO & FLY CONTROL:** Apply 7.2 to 9.6 fluid ozs. per acre to control **FLIES** and **MOSQUITOES.** Repeat as necessary. Control on range grass, grass hay, grain crops, beans, etc. Do not apply within 7 days of harvest on grain crops. Do not apply within 1 day of harvest on beans and tomatoes. No application on alfalfa and range grass, grass and grass hay. Do not apply on alfalfa. Treat shrubbery and vegetation around stagnant pools to be treated.

RED-TOP MALATHION 8 SPRAY can be applied as a drench spray, apply 0.5 to 5 gallons of water per acre per application.

Repeat applications should be made as necessary on alfalfa. Undiluted spray droplets of Malathion will permanently injure alfalfa. If accidental exposure does occur, alfalfa should be applied only by trained personnel of Public Health Districts, Public Mosquito Control Programs and other agencies.

MUSHROOMS: Use 1 1/2 pts. per 100 gals. of water per 1000 sq. ft. of bed to control **SPIDER MITES.** Make thorough applications as soon as after picking as possible, usually twice a week. Do not apply within 1 day of harvest.

ONIONS: Use 1 1/2 pts. per acre to control **THRIPS.** Do not apply within 7 days of harvest.

→ **ORNAMENTALS:** Use 1 pt. per acre to control **APHIDS, THRIPS** and **LEAFHOPPERS.** Use 1 1/3 pt. per acre to control **SCALE, FLETCHER SCALE, FLORIDA PED SCALE,** etc. Use 1 1/4 pt. per acre to control **MONTEREY PINE SCALE.** To control listed scales, apply thorough full coverage. Do not use on Boston, Maiden, etc. of *Crassula*.

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RECOMMENDATIONS FOR USE (Continued)

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- COTTON:** Use 1 pt. per acre to control COTTON APHID, LEAFHOPPERS, WHITE FLIES, COTTON LEAF PERFORATOR, COTTON LEAFWORM, THRIPS and LYGUS BUGS. No time limitation
- **DATES:** Use 1 pt. per acre by air or ground application to control NITIDULID BEETLE. Do not apply within 7 days of harvest.
- GRAPES:** Use 1 1/2 to 2 1/2 pts. per acre to control GRAPE LEAFHOPPERS, MEALYBUGS and SPIDER MITES. Injury may occur to Ribier, Italia, Cardinal and Almeria grape varieties when Malathion is applied after the clusters appear. Do not apply within 3 days of harvest.
- LETTUCE:** Use 1 to 2 pts. per acre to control APHIDS and LEAFHOPPERS. Do not apply within 7 days on Head Lettuce and within 14 days on Leaf Lettuce.
- MOSQUITO LARVAE:** Apply 8 fluid ozs. per acre to standing water (intermittently flooded areas, stagnant water, temporary rain pools).
- **ADULT MOSQUITO & FLY CONTROL:** Apply 7.2 to 9.6 fluid ozs. per acre for control of ADULT FLIES and MOSQUITOES. Repeat as necessary. Can be applied to alfalfa, clover, pasture and range grass, grass hay, grain crops, beans, rice, tomatoes and non-agricultural lands. Do not apply within 7 days of harvest on grain crops and rice, 5 days of harvest on corn 1 day of harvest on beans and tomatoes. 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 shrubbery and vegetation where mosquitoes may result. Shrubby and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated.
- RED-TOP MALATHION 8 SPRAY** can be applied as a dilute or low volume spray. For low volume spray, apply 0.5 to 5 gallons of 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.
- MUSHROOMS:** Use 1 1/2 pts. per 130 gals. of water per acre or 1 1/2 tbsps. in 3 gals. water per 1000 sq. ft. of bed to control SPIDER MITES, RHIZID FLIES and SCARID FLIES. Make thorough applications as soon as 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 pts. per acre to control THRIPS. Do not apply within 3 days of harvest.
- **ORNAMENTALS:** Use 1 pt. per acre to control APHIDS, SPIDER MITES, WHITEFLY, MEALYBUGS, THRIPS, and LEAFHOPPERS. Use 1 1/3 pt. per acre to control TENT CATERPILLAR, JUNIPER SCALE, FLETCHER SCALE, FLORIDA RED SCALE, PINE LEAF SCALE, and OAK KERMES. Use 1 1/2 pt. 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 Pieris ferns, and some species of Crossula.

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- PEPPERMINT & SPEARMINT:** Use 1 pt. 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 pts. 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. Calif. only. For the control of TOMATO FRUITWORM use 3 1/2 pts. per acre on Tomatoes. When the 3 1/2 pt. rate is used, do not apply within 5 days of harvest.
- RICE (Grain Farm):** Use 1 1/2 pts. 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.
- SAFFLOWER:** Use 1 1/2 pts. per acre to control APHIDS, LYGUS BUGS and GRASSHOPPERS. Do not apply within 3 days of harvest.
- SMALL GRAINS (Barley, Oats, Rye & Wheat):** Use 1 1/2 pts. per acre to control APHIDS and ARMYWORMS. Do not apply within 7 days of harvest.
- STORED GRAINS (Wheat, Oats, Rice, Corn, Rye, Barley and Grain Sorghum):** For control of RED FLOUR BEETLE, INDIAN MEAL MOTH, CONFUSED FLOUR BEETLE, RICE WEEVIL, FLAT GRAIN BEETLE, RUSTY GRAIN BEETLE, LESSER GRAIN BOPEP, GRANARY WEEVIL and SAW TOOTHED GRAIN BEETLE use Wilbur-Ellis Malathion 8 Spray, at the rate of 1/2 pint in 2 to 5 gallons of water to each 1000 bushels of the grain. Apply, as grain is being loaded or turned into final storage. Field and garden seeds can be protected against the above grain pests with a dosage of 1/3 pint of Wilbur-Ellis Malathion 8 Spray in 1 to 2 1/2 gallons of water per 500 bushels of seed.
- To protect stored grains from attack by INDIAN MEAL MOTHS, apply to the surface of clean or uninfested grain 1/2 pint of Wilbur-Ellis Malathion 8 Spray in 1 to 2 gallons of water per 1000 square feet of grain surface area. Apply the spray evenly over the surface of the grain. Apply immediately after grain is loaded into storage and repeat if necessary.
- For residues on floor and machinery, spray in grain elevators, in treating truck beds, box cars and silos, and before loading grain, apply 1/2 gallon of Wilbur-Ellis Malathion 8 Spray per 20 gallons of water making thorough application. Before applying spray, clean elevators and floors throughly. Remove and burn all sweepings and debris. When handling grains, always wear protective clothing to minimize skin exposure. Wear a respirator approved by NIOSH for liquid malathion.
- SUGAR BEETS:** Use 1 to 2 pts. per acre to control BEET ARMYWORM and YELLOW STRIPED ARMYWORM. Do not apply within 3 days of harvest.

NOTICE: The statements made on this label are believed to be true and accurate, but because of conditions of use which are beyond our control, WILBUR-ELLIS COMPANY does not make, nor does it authorize any agent or representative to make, any warranty, guaranty or representation, express or implied, concerning this material or its use thereon, except in conformity with the statements on the label. Neither WILBUR-ELLIS COMPANY nor the seller shall be held responsible in any manner for any personal injury or property damage or loss resulting to the buyer or to the other person from handling, storage or use of this material, not in accordance with directions. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this material on those conditions.

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In Case of Emergency, Call CHEMTREC 800/424-9300