

E-Z FLO LIQUID 5 MALATHION

CAUTION

KEEP OUT OF THE REACH OF CHILDREN

SEE BACK PANEL FOR ADDITIONAL CAUTIONS

ACTIVE INGREDIENTS:

Malathion (0,0-dimethyl dithiophosphate of diethyl mercaptosuccinate) 55.0%

Xylene Range Aromatic Hydrocarbon Solvent 38.0%

INERT INGREDIENTS: 7.0%

100.0%

The manufacturer makes no warranties, express or implied, concerning this product or its use, which extend beyond the description on the label. All statements made concerning this product apply only when used as directed.

SOLD BY

E-Z FLO CHEMICAL COMPANY

DIVISION OF GROWER SERVICE CORPORATION

ABERDEEN, NORTH CAROLINA
COLUMBUS, OHIO

LANSING, MICHIGAN
LEXINGTON, KENTUCKY

82-12

U.S.D.A. Reg. No. 635-153

DIRECTIONS FOR USE

Always pour this material into partially filled spray tank. Add balance of water to tank. Keep agitator running during filling, mixing and spraying operations. Do not allow mixture to stand. Mixture does not mix readily but it is to separate as an oily layer. Do not use as an dry to plants may result. This material is compatible with commonly used insecticides and fungicides, but residual toxicity may be reduced when combined with a saline material. Do not combine emulsifiable liquids with wettable powders in the same spray tank. In case of previous use of the material being combined has proved them to be physically compatible.

Unless otherwise indicated, dosages are given in pints of Malathion 5 E in sufficient water to give the use. Use not less than 3 gallons of water per acre for aircraft application and not less than 10 gallons of water per acre for ground equipment.

Thorough full coverage applications should be made. Begin applications when insects first appear and repeat as necessary as a diluted spray.

VEGETABLES

- ASPARAGUS:** Asparagus Beetles - 2 pints. Do not apply within 3 days of harvest.
- BEANS:** Aphids, Cucumber Beetles, Japanese Beetles, Mexican Bean Beetle, Potato Leafhopper, Spider Mites - 2 pints. Do not apply within 3 days of harvest.
- BEETS, TABLE:** Aphids, Flea Beetles - 2 pints. Do not apply within 3 days of harvest.
- CELERY:** Aphids, Spider Mites - 2 pints. Do not apply within 7 days of harvest.
- COLE CROPS (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Kale, Mustard Turnip, Aerial Chrysanthemum, Cauliflower, Cabbage Looper, Caterpillars, Imported Cabbage Worm) - 2 to 3 pints. Do not apply within 3 days of harvest. Do not apply within 7 days of harvest on other cole crops.**
- CUCURBITS (Cucumber, Melon, Pumpkin, Squash):** Aphids, Spider Mites, Cucumber Beetles, Flea Beetles, Flea Beetles - 2 pints. Do not apply to Cucurbits unless plants are free of insects. Do not apply within 3 days of harvest. Do not apply to other cucurbit crops.
- EGGPLANT:** Aphids, Flea Bugs, Spider Mites - 2 pints. Do not apply within 3 days of harvest.
- LETTUCE:** Aphids, Cabbage Looper, Leafhoppers, Mites - 2 pints. Do not apply within 3 days of harvest.
- ONIONS:** Onion Maggots, Thrips - 2.3 pints. Use the label directions for application.
- PEAS:** Pea Aphid, Pea Weevil - 2 pints. Do not apply within 3 days of harvest.

CAUTION

HARMFUL IF SWALLOWED OR INHALED. AVOID BREATHING VAPOR OR SPRAY MIST. AVOID REPEATED OR PROLONGED CONTACT WITH SKIN. WASH THOROUGHLY AFTER HANDLING. WASH CONTAMINATED CLOTHING BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN AND PETS. AVOID CONTAMINATION OF FEED AND FOOD STUFFS.

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

OBSERVE THE FOLLOWING USE PRECAUTIONS

DO NOT apply during bloom when honey bees or other pollinators are active. Avoid drift to adjoining food and forage 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 your State Agricultural Extension Service for additional information, as the timing, number and rate of applications needed will vary with local conditions. Observe use limitations given for specific crops.

Do Not Use or Store Near Heat or Open Flame — Protect From Temperatures Below 0°F.

Highly toxic to fish. Do not contaminate any body of water, by direct application, cleaning of equipment or disposal of wastes and containers.

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With Cornmeal

DIRECTIONS (Continued)

- SAFFLOWER:** Aphids, Flea Bugs, Grasshoppers - 2 pints. In controlling grasshoppers, several repeat applications may be needed. Apply whenever grasshoppers are seen. Do not apply within 3 days of harvesting Safflower seeds.
- SMALL GRAINS (Barley, Oats, Rye, Wheat):** Armyworms, English Grain Aphid, Grasshoppers, Greenbugs - 1 1/2 pints. Do not apply within 3 days of harvest. Make thorough full coverage application to hatching areas when insects are first seen.
- SUGAR BEETS:** Aphids, Spider Mites - 2 pints. Do not apply within 3 days of harvest (7 days of harvest if used as seed).
- TOBACCO IN FIELDS:** Apply 1/2 pint per acre. Do not apply within 3 days of harvest. Do not apply within 7 days of harvest.
- ANIMALS:** Apply to animals. Repeat in 2 weeks if needed. Do not apply to animals within 2 weeks of freshening. Do not feed animals within 2 weeks of freshening. Do not feed food containers and watering troughs.
- WEEVILS:** Use 1 gal per 100 gal water. Trunks - Use 1 to 2 gals per 100 gal water. Horn flies -

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U.S.A. Reg. No. 635-153

DIRECTIONS FOR USE

When recommended for use, mix this material into partially filled spray tank. Add balance of water to tank. Keep agitator running during mixing 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.

Unless otherwise indicated, dosages are given in pints. Malathion 5 E in sufficient water to cover one acre. Use not less than 3 gallons of water per acre for aircraft application and not less than 10 gallons of water per acre for ground equipment.

Through full coverage applications should be made. Begin applications when insects first appear and repeat as necessary as a diluted spray.

VEGETABLES

- ASPARAGUS:** Asparagus Beetles — 2 pints. Do not apply within 1 day of harvest.
BEANS: Aphids, Cucumber Beetles, Japanese Beetles, Mexican Bean Beetles, Potato Leafhoppers, Spider Mites — 2 pints. Do not apply within 1 day of harvest.
BEETS, TABLE: Aphids, Flea Beetles — 2 pints. Do not apply within 7 days of harvest.
CELERY: Aphids, Spider Mites — 2 pints. Do not apply within 7 days of harvest.
COLE CROPS (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Kale, Mustard, Turnip): Aphids, Cabbage Looper, Caterpillars, Imported Cabbage Worm — 2 to 3 pints. Do not apply within 3 days of harvest on broccoli and Turnip within 7 days of harvest on other cole crops.
CUCURBITS (Cucumber, Melon, Pumpkin, Squash): Aphids, Spider Mites, Flea Beetles — 2 pints. Cucumber Beetles — 2 pints. Do not apply to Cucurbits unless plants are dry. Do not apply within 3 days of harvest on pumpkin 1 day of harvest on other Cucurbit crops.
EGGPLANT: Aphids, Leaf Bugs, Spider Mites — 2 pints. Use higher rate for Leaf Bug control. Do not apply within 3 days of harvest.
LETTUCE: Aphids, Cabbage Looper, Leafhoppers, Mites — 2 pints. Do not apply within 14 days of harvest on leaf lettuce 7 days on head lettuce.
ONIONS: Onion Maggots, Thrips — 2-3 pints. Use the heavier rate for onion maggot control and apply when first signs appear. Repeat every 4 days. Do not apply within 3 days of harvest on green onions.
PEAS: Pea Aphid, Pea Weevil — 2 pints. Do not apply within 3 days of harvest.

- PEPPERS:** Aphids — 2 pints. Do not apply within 3 days of harvest.
POTATOES: Aphids, Leafhoppers — 2 pints.
SPINACH: Aphids — 2 pints. Do not apply within 7 days of harvest.
TOMATOES: Aphids, Spider Mites — 2 pints. Drosophila Flies — 2 1/2 pints. Do not apply within 1 day of harvest.

FRUITS

- APPLES:** Woolly Apple Aphid — Use 1 pint per 100 gals. water. Apply one or more sprays as needed. Green Apple Aphid, Rose Aphid — Use 1 1/2 pints to 100 gals. water. One or more sprays should be applied either in defoliated dormant, early pre-bloom or pre-bloom as needed. European Red Mite, Two Spotted Mite — Use 1 to 2 pints per 100 gals. water when mites begin to appear on under side of leaves in summer months. Make 2 applications 10 to 12 days apart. Scale insects such as Forbes, Putnam, and San Jose — Use 1 pint in 100 gals. water applied when crawlers are present, about 2nd, 5th and 6th, and 7th covers. Make no Malathion spray application 3 days before harvest. **NOTE:** Emulsifiable Malathion sprays may cause injury to McIntosh and Courtland varieties.
PEARS: Pear Psylla — Use 1 to 2 pints in 100 gals. water applied in petal fall, 1st, 2nd and 3rd covers. Pear Red Mite, Two Spotted Mite — Use 1 to 2 pints in 100 gals. water when mites begin to appear on under side of leaves usually in summer months. Make 2 applications 10 to 12 days apart. Apply no malathion spray later than 7 days before harvest. Malathion concentrate may cause injury to Busc Pears in Northern United States.

FIELD CROPS

- ALFALFA CLOVER:** Alfalfa Weevil Larvae, Aphids, Armyworms, Grasshoppers, Lygus Bugs, Potato Leafhoppers, Spider Mites, Spittlebugs — Use 1 1/2-2 pints. Use higher rate for Armyworm control. Do not apply during bloom.
CORN: Aphids, Corn Rootworm Adults, Sap Beetles, Thrips — 1 1/2 pints. Injury may occur in the whole and silk stage. Do not apply within 5 days of harvest for forage.

GRASS AND GRASSHAY: Aphids, Grasshoppers, Leafhoppers — Use 1 1/2 pints per acre in sufficient water for good coverage.

formation, as the timing, number and rate of applications needed will vary with local conditions. Observe use limitations given for specific crops.

Do Not Use or Store Near Heat or Open Flame — Protect From Temperatures Below 0°F.

Highly toxic to fish. Do not contaminate any body of water, by direct application, cleaning of equipment or disposal of wastes and containers.

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With Cornmeal

DIRECTIONS (Continued)

SAFFLOWER: Aphids, Lygus Bugs, Grasshoppers — 1 1/2 pints. In controlling grasshoppers, several repeat applications may be needed. Apply whenever grasshoppers are seen. Do not apply within 3 days of harvesting. Cattleflower seeds. **SMALL GRAINS (Barley, Oats, Rye, Wheat):** Armyworms, English Grain Aphids, Grasshoppers, Greenbugs — 1 1/2-2 pints. Higher rate for armyworm control. Make thorough, full coverage application to hatching areas when nymphs are young. Do not apply within 7 days of harvest.

SUGAR BEETS: Aphids, Spider Mites — 1 1/2-2 pints. Do not apply within 3 days of harvest (7 days of harvest if tops are to be used for food or feed).

TOBACCO IN FIELDS: Aphids — Apply 1 1/2 pints per acre in at least 30 gals. of water for small plots use 1/2 mole 5000000 gal. water. Make no application within 7 days of harvest.

ANIMALS

Use required treatment in 10 days. Apply complete coverage spray. Repeat in 2 weeks if needed. Do not use on lactating dairy animals or non-lactating dairy animals within 2 weeks of freshening. Do not treat animals within one month of age. Avoid contamination of feed, food containers and watering troughs.

BEEF CATTLE: Use 1 gal. per 100 gals. water. Ticks — Use 1 to 2 gals. per 100 gals. water. Horn flies — Use 1 to 1 1/2 gals. per 100 gals. water.
SHEEP & GOATS: Lice, Ticks, Keds — Use 1 gal. per 100 gals. water. Do not apply to milk goats.
SWINE: Lice and Sarcoptic Mange — Use 1 gal. per 100 gals. water.

ORNAMENTALS

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 — Use 1 1/2 pints per 100 gals. dilute spray. 1/2 teaspoonful per gal. Azelea Scale, Eggworms, Birch Leaf Miner, Boxwood Leaf Miner, Fletcher Scale, Florida Red Scale, Juniper Scale, Magnolia Scale, Oak Kermes, Pine Leaf Scale, Tent Caterpillar — Use 2 pints per 100 gals. dilute spray. 1/2 tea spoonful per gal. Pear and Oak Kermes, Scales, apply when scale crawlers have settled on foliage.
CAUTION: Avoid application to certain ferns, including Boston, Maidenhair and Pteris, as well as on some species of Cressura.

GRASSHOPPERS

WATERWAYS, ROADSIDES, SCIL BANK LANDS (not Grazed): Use 1 1/2-3 pints per acre in water for good coverage. 10000000 gal. water per acre by means of an airplane or a turbine-blower type sprayer.

FLY CONTROL

FLY CONTROL IN BUILDINGS: For use in and around buildings which house domestic animals, around the outside of barns, stables, yards and in non-edible product areas of meat processing plants.

SPRAYS — MALATHION SPRAYS

| Amount of Malathion 5 E | Amount of Bait |
|-------------------------|----------------|
| 1 qt. | 2 1/2 gals. |
| 1 pt. | 1 1/2 gals. |
| 2 gals. | 100 gals. |

MALATHION BAIT SPRAYS

| Amount of Malathion 5 E | Sugar or Molasses |
|-------------------------|-------------------|
| 1 cup | 1 cup |
| 1 qt. | 2 1/2 lbs. |
| 2 gals. | 20 lbs. |

| Insulfurized Molasses or Corn Syrup |
|-------------------------------------|
| 1 cup |
| 1 qt. |
| 2 gals. |

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

CAUTION: Avoid contamination of milk, milk equipment and water. Avoid contamination of feed and food products, especially drinking fountains and feed troughs. Remove calves under one month of age and lactating dairy animals from pastures before treating. Do not leave within reach of children.

DO NOT RE-USE CONTAINER. Perforate, Crush, Bury — Do Not Burn! Made in U.S.A.