

5905-443

8-27-75

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ACCEPTED
AUG 27 1975
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5905-443

MALATHION 8 INSECTICIDE

CAUTION KEEP OUT OF REACH OF CHILDREN.
See Additional Precautions on Side Panel.

This product contains 8 lb. of Malathion per gallon.

DO NOT USE. POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

Do not re-use empty container for any purpose. Return to drum reconditioner or destroy it by perforating or crushing and burying in a safe place away from water supplies.

ACTIVE INGREDIENT:

*Malathion 80.4%

INERT INGREDIENTS:

19.6%
100.0%

*O,O-Dimethyl dithiophosphate of diethyl mercaptosuccinate

CAUTION

Harmful if swallowed. Avoid breathing of spray mist. Avoid contact with skin. Wash thoroughly after using. Do not contaminate feed and foodstuffs.

NOTE TO PHYSICIAN: Malathion may cause cholinesterase inhibition. Atropine is antidotal.

ENVIRONMENTAL CAUTIONS

This product is toxic to fish. Keep out of lakes, streams, tidal marshes, estuaries and ponds. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated. 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 Cooperative Agricultural Extension Service.

DIRECTIONS FOR USE

This product is to be used with water. Do not use in undiluted form. Before using, mix the recommended amount of Helena Malathion 8 with an equal amount of water and add this mixture to the spray tank. Maintain agitation while mixing and applying. For aerial application to vegetable crops, apply 1-3 gallons of spray mixture per acre. For ground application to vegetable crops, apply 10-15 gallons of spray mixture per acre.

Apply at first sign of an insect infestation and repeat as necessary. Best results are obtained with thorough coverage of all exposed plant surfaces. Consult your State Agricultural Extension Service or Experiment Station for additional information as to proper timing of application.

APPLES: Eyespotted bud moth, Forbes scale - 5/8 pt. per 100 gal. of water. Woolly apple aphid, Green apple aphid, Rosy apple aphid, Tent caterpillar - 5/8 pt. to 1 pt. per 100 gal. of water. Spider mites, Mealybugs - 5/8 pt. to 1 1/2 pt. per 100 gal. of water. Codling moth, Plum curculio, Redbanded leafroller - 1 1/2 pt. per 100 gal. of water. (For control of Codling moth and Plum curculio - apply at petal fall and every 10 to 14 days thereafter until control is achieved.) Do not apply within 3 days of harvest. May injure foliage of McIntosh and related varieties.

CHERRIES: Cherry fruit fly, Eyespotted bud moth - 5/8 pt. per 100 gal. of water. Black Cherry aphid, Fruitree leafroller - 1 pt. per 100 gal. of water. Do not apply within 3 days of harvest. May injure foliage of some varieties. Do not apply close to or during the bloom or berry set period. Do not apply when foliage is wet. Do not apply within 3 days of harvest.

CRANBERRIES: Blackheaded fireworm, Cranberry fruitworm, Leafhoppers, Spittle bugs (nymphs) - 1 pt. per acre. Do not apply within 3 days of harvest.

GRAPES: Leafhoppers, Mealybugs, Spider mites - 1 pt. per acre. Do not apply within 3 days of harvest. May injure Ribier, Italia, Cardinal and Almeria varieties if applied after clusters appear.

PEACHES: Aphids - 5/8 pt. per 100 gal. of water. Oriental fruit moth, Plum curculio - 1 1/2 pt. per 100 gal. of water. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not apply within 7 days of harvest.

PECANS: Aphids, Spider mites - 5/8 pt. to 1 pt. per 100 gal. of water.

PLUMS, PRUNES: Eyespotted bud moth, Leafcurl plum aphid, Mealy plum aphid - 5/8 pt. per 100 gal. of water. Do not apply within 3 days of harvest.

STRAWBERRIES: Aphids, Lygus bugs, Spider mites, Spittlebugs, Potato leafhopper, Field crickets, Strawberry leafhopper, Strawberry root weevil, Whittellies - 1 pt. to 2 pt. per acre. For Strawberry root weevil, apply to the soil surface before planting and work into the top 6 to 8 inches of soil. Do not apply within 3 days of harvest.

BEANS: Aphids, Cucumber beetles - 1 1/2 pt. per acre. Spider mites - 5/8 pt. to 1 pt. per acre. Mexican bean beetle - 1 pt. per acre. Leafhoppers, Thrips - 1 pt. to 1 1/2 pt. per acre. Lygus bugs (Dry beans - California) - 1 pt. to 1 1/2 pt. per acre. Do not apply within 1 day of harvest.



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BEETS (Table): Aphids - 1 pt. to 1½ pt. per acre. Do not apply within 7 days of harvest.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, KALE, MUSTARD, TURNIPS: Aphids, Imported cabbageworm, Cabbage looper, Flea beetle - use 1 pt. to 2 pt. per acre. Do not apply to Broccoli and Turnips within 3 days of harvest. Do not apply to Brussels Sprouts, Cabbage, Cauliflower, Kale and Mustard within 7 days of harvest.

CARROTS: Leafhoppers - 1½ pt. per acre. Do not apply within 7 days of harvest.

CELERY: Aphids, Spider mites - 1 pt. per acre. Do not apply within 7 days of harvest.

CORN (Field, Sweet, Pop): Aphids, Grasshoppers - 1 pt. per acre. For best grasshopper control, apply when nymphs are in the first through third instar. Sap beetles - 1 pt. per acre beginning when 10% of ears show silk and repeat at 2 to 5 day intervals. Do not apply within 5 days of harvest.

CUCUMBERS, MELONS, PUMPKINS, SQUASH: Aphids, Pickleworm, Spider mites - 1 pt. per acre. Squash vine borer - 1 7/8 pt. per acre. For squash vine borer control, apply weekly to stems and vines at base of plant. Do not apply unless plants are dry. Do not apply to cucumbers, Melons, and squash within 1 day of harvest. Do not apply to Pumpkins within 3 days of harvest.

EGGPLANTS: Aphids, Spider mites - 5/8 pt. to 1 pt. per acre. Lace bug - 1 7/8 pt. to 2 pt. per acre. Do not apply within 3 days of harvest.

LETTUCE (Head, Leaf), SPINACH: Aphids, Leafhoppers, Loopers (on Lettuce) - 1 pt. to 2 pt. per acre. Do not apply to Leaf Lettuce within 14 days of harvest. Do not apply to Spinach and Head Lettuce within 7 days of harvest.

ONIONS: Thrips - 1 pt. per acre. Onion maggot - 1½ pt. per acre. Do not apply within 3 days of harvest for green onions.

PEPPERS: Aphids - 5/8 pt. per acre. Pepper maggot - 1½ pt. per acre. Do not apply within 3 days of harvest.

POTATOES: Aphids, Leafhoppers - 5/8 pt. per acre.

TOMATOES: Aphids, Spider mites, Tomato russet mite - 5/8 pt. to 1 pt. per acre. Do not apply within 1 day of harvest.

TOBACCO: Aphids - 1 pt. to 1½ pt. per acre. Do not apply within 7 days of harvest.

ORNAMENTALS: Aphids, Whiteflies, Mealybugs - 1 pt. to 1½ pt. per 100 gal. of water. Birch leafminer, Bagworm, Tent caterpillar, Soft brown scale, Monterey pine scale - 1½ pt. per 100 gal. of water. Apply to completely cover. Do not use on Conoerth Junipers.

The use of Helena Malathion B may cause injury on certain ferns including Boston, Maidenhair and Pteris and some species of Crassula.

WARRANTY AND LIMITATION OF DAMAGES. Helena Chemical Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale, subject to the inherent risks referred to therein. Helena Chemical Company makes no other expressed or implied warranty, including any other expressed or implied warranty of **FITNESS** or of **MERCHANTABILITY**, and no agent of Helena Chemical Company is authorized to do so except in writing with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages, such as loss of profits or value, etc.

EPA Reg. No. 5905-443

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