

P1114

1386-83

GREEN 1283  
TEXT WILL BE 6  
POINT OR LARGER.

Malathion Wettable Powder  
Insecticide

**ACCEPTED**  
FEB 01 1989  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 1386-83

KEEP OUT OF REACH OF CHILDREN - 12 point  
CAUTION - 12 point  
See Back Panel For Additional Precautionary Statements

**ACTIVE INGREDIENT:**

Malathion: O,O-dimethyl phosphorodithioate  
of diethyl mercaptosuccinate ..... 25%

INERT INGREDIENTS ..... 75%

Total ..... 100%

NET WEIGHT: 4 POUNDS

EPA Reg. No. 1386-83

EPA Est. No. 42761-MS-1



UNIVERSAL COOPERATIVES, INC., MINNEAPOLIS, MN 55440

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

HARMFUL IF SWALLOWED. Avoid breathing dust or spray mist. Avoid contact with skin. Wash thoroughly after using. Avoid contamination of feed or foodstuffs.

This product is toxic to fish. Keep out of any body of water. Apply only in the manner and for the purposes directed on this label.

## STATEMENT OF PRACTICAL TREATMENT

If inhaled: remove victim to fresh air. Apply respiration if indicated. If on skin: remove contaminated clothing and wash affected areas with soap and water. In case of contact with eyes: flush eyes with water for at least 15 minutes.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water or wetlands (i.e., swamps, bogs, marshes, and potholes). 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.

## DIRECTIONS FOR USE

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

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must inform workers of areas or fields that may not be entered without specific protective clothing until sprays have dried and of appropriate actions to take in case of accidental exposure. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: "CAUTION. Area treated with Malathion Wettable Powder (contains Malathion) on (insert date of application). Do not enter without appropriate protective clothing until sprays have dried. (Insert here Statement of Practical Treatment from label.)"

TO MIX—Partially fill the spray tank with water, add designated quantity of powder, and stir thoroughly. Finish filling the tank with water, and stir or agitate again to make a good suspension. Some agitation is needed to maintain the suspension while spraying. If allowed to stand, re-agitate mixture before beginning to spray.

## VEGETABLE CROPS

Begin applications before insects become numerous, or before their damage is noticeable, and protect plants through the growing season by repeating applications as necessary at 7 to 10-day intervals. Cover all foliage, both upper and under surfaces. Use 4 to 5 pounds (1 to 1.25 lb. Malathion) per acre in the amount of water required for uniform coverage, to control the insects listed below on the following crops:

ASPARAGUS—Asparagus beetle, thrips. BEANS—Mexican bean beetle, leathoppers, two-spotted spider mites, aphids. BEETS AND SPINACH—Aphids. BROCCOLI, BRUSSELS SPROUTS, CABBAGE, AND CAULIFLOWER—Aphids, imported cabbage worms. CANTALOUPE, CUCUMBER, AND SQUASH—Aphids, cucumber beetles, leathoppers, two-spotted spider mites. Do not apply to cucurbits unless plants are dry. CARROTS—Leathoppers. CELERY, KALE, LETTUCE, MUSTARD GREENS, AND TURNIP—Aphids, leathoppers, two-spotted spider mites, imported cabbage worms. EGGPLANT—Aphids, two-spotted spider mites. ONIONS—Thrips. PEAS AND PEPPERS—Aphids, pepper maggot, and pea weevil. POTATOES—Colorado potato beetle, aphids, mealybug, leathoppers. TOMATOES—Aphids, spider mites, *Drosophila*.

DO NOT APPLY TO ASPARAGUS, BEANS, CANTALOUPE, CUCUMBER AND SQUASH WITHIN 1 DAY OF HARVEST. DO NOT APPLY TO BROCCOLI, EGG-PLANT, PEPPERS, ONIONS, PEAS AND TURNIP WITHIN 3 DAYS OF HARVEST. DO NOT APPLY TO TOMATOES WITHIN 5 DAYS OF HARVEST. DO NOT APPLY TO BEETS, BRUSSELS SPROUTS, CABBAGE, CARROTS, CAULIFLOWER, CELERY, KALE, MUSTARD GREENS, SPINACH, AND HEAD LETTUCE WITHIN 7 DAYS OF HARVEST. DO NOT APPLY TO LEAF LETTUCE WITHIN 14 DAYS OF HARVEST.

## FRUIT CROPS

Apply the designated amount of powder in the quantity of water required for uniformly thorough spray coverage.

APPLES AND PEARS—To control green apple aphid, rosy apple aphid, wooly aphid, mealybug, leathoppers, and pear psylla, use 8 pounds per acre and apply sprays beginning at the prepink or pink stage, at petal fall, and in cover sprays as necessary to maintain control.

DO NOT APPLY TO APPLES WITHIN 3 DAYS OF HARVEST. DO NOT APPLY TO PEARS WITHIN 1 DAY OF HARVEST. May cause injury to Bosc pears and to Cortland and McIntosh varieties of apples.

PEACHES AND CHERRIES—To control aphids, spider mites, cherry fruit flies, Oriental fruit moth, plum curculio, San Jose scale, and Foroes scale, use 6 pounds per acre and apply sprays at bud break, at petal fall, and in 2 or 3 cover sprays about 10 days apart according to local schedules. For scale insects apply to trees immediately after harvest. DO NOT APPLY TO CHERRIES WITHIN 3 DAYS OF HARVEST. May injure foliage of some varieties of cherries. DO NOT APPLY TO PEACHES WITHIN 7 DAYS OF HARVEST.

BLACKBERRIES, BOYSENBERRIES, LOGANBERRIES, AND RASPBERRIES—To control aphids, rose scale, Japanese beetle (adults), mites, thrips, spiderbug, and leathoppers, use 8 pounds per acre and apply sprays to foliage when insects first appear, usually when the plants begin to grow in spring. Repeat as needed. DO NOT APPLY WITHIN 1 DAY OF HARVEST.

STRAWBERRIES—To control Lygus bugs, spittlebug, strawberry leafroller, leathoppers, whiteflies, and spider mites, use 4 to 6 pounds per acre, and apply sprays to foliage when insects first appear. Repeat as needed. DO NOT APPLY WITHIN 3 DAYS OF HARVEST.

## LIVESTOCK

BEEF CATTLE—To control lice, use 16 pounds per 100 gallons of water, and apply as a complete coverage spray. Repeat applications at intervals of about 2 weeks if needed.

To control ticks, use 16 pounds per 100 gallons of water, and apply as a complete coverage spray. Repeat applications at two-week intervals if needed. To control horn flies, use 16 to 24 pounds per 100 gallons of water, and apply as a complete coverage spray. Repeat at intervals of about two weeks as needed. DO NOT APPLY TO DAIRY ANIMALS. DO NOT APPLY TO SICK ANIMALS OR TO CALVES UNDER ONE MONTH OF AGE.

SWINE—To control lice, use 16 pounds per 100 gallons of water and apply complete coverage spray. Repeat if needed.

SHEEP AND GOATS—To control lice, ticks, and keds, use 16 pounds per 100 gallons of water and apply as a complete coverage spray. Repeat applications at two-week intervals if needed. DO NOT APPLY TO MILK GOATS.

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**ORNAMENTAL SHRUBS AND TREES**

Ornamental shrubs and trees may be affected by one or more of the insects listed below. Spray infested ornamental plants thoroughly when insects first appear, preferably before they become numerous and make 2 or more applications as needed to protect the plants through the growing season.

USE 4 TO 5 POUNDS PER 100 GALLONS OF WATER AS A SPRAY TO CONTROL: Aphids, Mealybug, Whitefly, Leaf bugs, Leafhoppers, Tarnished plant bug,

Thrips, Japanese beetle (adults).

USE 5 TO 6 POUNDS PER 100 GALLONS OF WATER TO CONTROL: Two-spotted spider mite, Juniper scale, Azalea scale, Soft brown scale, Monterey scale,

Euonymus scale, Boxwood leaf miner, Scurfy scale, Oyster shell scale.

Most scale insects are easier to control if applications are made when "crawlers" are present. Weekly applications throughout the season are desirable.

For Boxwood leaf miner, apply spray before insect entry the leaves. Two or more applications may be necessary.

Do not use on Boston, maidenhair, or Pteris ferns or use on petunias; may cause injury to crassula.

SMALL APPLICATION EQUIPMENT—To convert dosages stated above, use the following equivalents:

4 Pounds per 100 gallons ..... 2 1/2 Tablespoons per gallon

4 Pounds per acre ..... 6 Tablespoons per gallon per 1,000 sq. ft.

**STORAGE AND DISPOSAL**

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

STORAGE—Store product in original container only. Do not store with or near food or feed products.

PESTICIDE DISPOSAL—Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL—Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**WARRANTY AND LIMITATION OF DAMAGES**

Seller warrants that this material 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 and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

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