

MALATHION INSECT SPRAY

For Insect Control On Vegetables And Ornamentals. Also Controls Mosquitoes.

FOR HOMEOWNER USE ONLY

KEEP OUT OF REACH OF CHILDREN
CAUTION

See Back Panel For Additional Precautionary Statements
And Directions For Use

APR 28 1997
1386-114

ACTIVE INGREDIENT:

Malathion: 0,0-dimethyl phosphoro-	
dithioate of diethyl mercaptosuccinate	51.3%
INERT INGREDIENTS*	48.7%
Total	100.0%

Contains 4.5 Pounds Malathion Per Gallon. *Contains Xylene Range Aromatic Solvent.

Net Contents: 1 Gallon

EPA Reg. No. 1386-114
EPA Est. No. 1386-OH-1



Universal Cooperatives, Inc.

Minneapolis, MN 55440

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed. Avoid breathing spray mist or vapor. Avoid contact with skin. Wash thoroughly after using. Avoid contamination of feed or foodstuffs.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. KEEP CONTAINER CLOSED WHEN NOT IN USE.

This product is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

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. Protective information may be obtained from your Cooperative Agricultural Extension Service.

DIRECTIONS FOR USE

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

Mix this concentrate with water for application as a spray. Make thorough full-coverage applications of the spray. Repeat applications as stated for each crop or plant.

VEGETABLE GARDEN CROPS AND ORNAMENTAL PLANTS

Begin applications before insects become numerous. Protect plants throughout growing season by spraying at 5 to 10-day intervals and after heavy rains. Spray foliage and fruit evenly and thoroughly. Be sure to spray underside of leaves. Use 2 teaspoons per gallon of water to control (1 3/4 to 2 pints per acre in the amount of water required for uniform thorough spraying):

APHIDS - On tomatoes, peas, cucumbers, squash, potatoes (white, sweet), peppers, eggplants, cabbage, broccoli, turnip, beets, kale, mustard greens, celery, Brussels sprouts, lettuce (head, leaf), beans, and spinach.

TWO-SPOTTED SPIDER MITES - On tomatoes, beans, eggplants, cucumbers, squash, and celery.

LEAFHOPPERS - On beans and potatoes (white, sweet).

MEXICAN BEAN BEETLE - On beans.

IMPORTED CABBAGE WORMS AND DIAMONDBACK MOTH LARVAE - On cabbage, broccoli, Brussels sprouts, cauliflower, and lettuce (head, leaf).

ONION THRIPS - On onions.

Do not apply to beans, cucumbers, squash or tomatoes within 1 day of harvest. Do not apply to broccoli, eggplants, green onions, peas, peppers, or turnips within 3 days of harvest. Do not apply to beets, cabbage, kale, mustard greens, Brussels sprouts, cauliflower, celery, or spinach within 7 days of harvest. Do not apply to head lettuce within 7 days or to leaf lettuce within 14 days of harvest. Apply to cucumbers only when the foliage is dry.

Use 2 teaspoons per gallon of water to control the following insects on Ornamental and Flowering Plants:

Aphids	Japanese Beetle (adult)	Leaf Bug	Leafhoppers
Mealybug	Tarnished Plant Bug	Thrips	Whitefly

Use 3 1/2 teaspoons per gallon of water to control the following insects on Ornamental and Flower Plants:

Azalea Scale	Boxwood Leafminer	Eunonymus Scale	Juniper Scale
Monterey Scale	Oyster Shell Scale	Scurfy Scale	Soft Brown Scale
Spider Mites			

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

For boxwood miner, it is preferable to apply spray before insects enter the leaves. Two or more applications may be necessary.

Do not use on Boston, Maidenhair, or Pteris ferns, or on Petunias. May cause injury to Crassula.

BRAMBLES (BLACKBERRIES, BOYSENBERRIES, LOGANBERRIES, AND RASPBERRIES) - To control two-spotted spider mites, thrips, leafhoppers, and Japanese beetle adults, use 3 teaspoons per gallon of water (3 pints per acre in the amount of water required for uniformly thorough coverage).

To control aphids, and rose scale, use 3 1/4 teaspoons per gallon of water (3 3/8 pints per acre in the amount of water required for uniformly thorough coverage). Apply sprays to foliage when insects first appear, usually when plants begin to grow in spring, and repeat at 7 to 10-day intervals as necessary. Do not apply to Blackberries, Boysenberries, Loganberries, and Raspberries within 1 day of harvest.

STRAWBERRIES - To control aphids, spider mites, spittlebug, strawberry leafroller, leafhoppers, and whitefly, apply 3 teaspoons per gallon of water (1 3/4 to 3 3/8 pints per acre in the amount of water required for uniform thorough coverage of foliage). Apply when insects first appear, usually early in spring, and repeat as needed. Do not apply to strawberries within 3 days of harvest.

MOSQUITOES

To control adult mosquitoes outdoors, in backyards, in areas of ornamental shrubbery, and on lawns, use 1 part of this product mixed in 10 parts of water (approximately 4.6% Malathion) applied as a uniformly thorough spray into and around the ornamental vegetation. If application

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by fogging is preferred, use 1 part of this product mixed in 10 parts of fuel oil or diesel oil, applied as a uniformly thorough fog to penetrate into and around the ornamental vegetation. Repeat applications as needed. Do not apply to areas where food or feed crops are growing. Do not apply oil mixture for fogging directly to ornamental plants. Fish in treated area may be killed if spray or fog contacts water where they live.

STORAGE AND DISPOSAL

STORAGE: Store product in original container and in a locked storage area. Do not store near heat or open flame. Do not store with or near feed or food products.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty container. Rinse thoroughly before discarding in trash.

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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