

RED  
LIGHT GREEN  
BLACK

TEXT WILL BE 6 POINT  
OR LARGER.

# MALATHION INSECT SPRAY

For insect control on vegetables and ornamentals. Also controls mosquitoes and fleas.

ACCEPTED  
FEB 01 1989  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 USC 136) pesticide registered under EPA Reg. No. 1386-114



Active Ingredients:

|   |        |
|---|--------|
| Malathion: 0,0-dimethyl phosphorodithioate of diethyl mercaptosuccinate ..... | 51.3%  |
| Xylene .....  | 40.8%  |
| Inert Ingredients .....   | 7.9%   |
| Total .....   | 100.0% |

Contains 4.5 Pounds Malathion per gallon.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
See Side Panel for Additional Cautions

12 POINT

18 POINT



**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.

Use only with adequate ventilation. After using this product indoors, ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surface until sprays have dried.

**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.

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, melons, potatoes, peppers, eggplants, cabbage, broccoli, turnip, beets, kale, mustard, celery, Brussels sprouts, lettuce, beans, and spinach.

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

**LEAFHOPPERS** — On beans and potatoes. **MEXICAN BEAN BEETLE** — On beans.

**IMPORTED CABBAGE WORMS AND DIAMONDBACK MOTH LARVAE** — On cabbage, broccoli, Brussels sprouts, cauliflower, and lettuce. **ONION THRIPS** — On onions.

Do not apply to beans, cucumbers, melons, squash or tomatoes within 4 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 | Leaf Bug | Mealybug                | Leafhoppers         |
| Thrips | Whitefly | Japanese Beetle (adult) | Tarnished Plant Bug |

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

|                 |                   |                    |
|-----------------|-------------------|--------------------|
| Spider Mites    | Scurfy Scale      | Oyster Shell Scale |
| Azalea Scale    | Boxwood Leafminer | Soft Brown Scale   |
| Eunonymus Scale | Juniper Scale     | Monterey 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 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 Craspedolepis.**

**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.**

#### **CRACK AND CREVICE TREATMENT IN FOOD HANDLING AREAS**

To make water solution, dilute 3 1/2 tablespoons MALATHION INSECT SPRAY in water or about 6 3/4 ounces per gallon.

Limited to crack and crevice treatment only. Apply a small amount of material directly into cracks and crevices such as expansion joints between different elements of construction or between equipment bases and the floor, wall voids, motor housing, junction boxes or switch boxes, conduits or hollow equipment legs where roaches, ants, water bugs, silverfish, spiders and crickets hide. Care should be taken to avoid depositing the product into exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

Application of this product in the food areas of food handling establishments, other than as a crack and crevice treatment, is not permitted.

**Do not allow children to contact treated surfaces until surfaces are completely dry.**

**Do not spray foodstuffs or house plants.**

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Do not use this product in electrical switch boxes, motor housings or conduit due to shock hazard.

### 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 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.

### POULTRY

**DIRECT APPLICATION** — To control northern fowl mite (feather mite), poultry lice, and as a supplement to premise treatments for chicken red mites, use 2 1/4 tablespoons in 1 gallon of water, and apply 1 gallon of the diluted mixture per 100 to 150 birds. Repeat in 4 to 8 weeks if necessary.

**PREMISES TREATMENT** — To control northern fowl mite, chicken red mite, poultry lice, and flies, use 4 1/2 tablespoons in 1 gallon of water, and spray thoroughly the walls, ceilings, roosts, nests and adjacent areas, taking care to force the spray into all cracks and crevices. Repeat as necessary. Use a high pressure sprayer for surface applications.

**ROOST PAINT** — To control chicken red mite and poultry lice, use 4 1/2 tablespoons in 1 gallon of water. Brush on this mixture as a roost paint at the rate of 1 pint per 150 feet of roost. Repeat as necessary.

### DOGS AND CATS

**SPRAY** — To control fleas on dogs and cats, use 2 1/4 tablespoons in 1 gallon of water and spray each animal thoroughly. If the animal is allowed to run free, treatments may be made every second or third week, but to avoid unnecessary applications, the animals should be examined closely for fleas before retreating. If animal is confined to an area free of fleas, one treatment may be sufficient. **Do not repeat application for 7 days and then only if infestation is present. Do not apply to dogs and cats under 3 months of age.**

**ANIMAL QUARTERS** — To control fleas in kennels, pens, yards, lawns and under houses, use 10 tablespoons in 1 gallon of water, and apply spray at the rate of 1 gallon per 1,000 square feet. Remove manure and debris before spraying. Replace bedding with new material. Repeat as necessary if infestation continues to persist.

**Do not contaminate feed, feed containers, feeding troughs, watering cups, troughs or fountains.**

### 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 bottle. 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

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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.

EPA Reg. No. 1386-114  
EPA Est. No. 1386-OH-1  
Product 2121

Net Contents: 1 Gallon  
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