

7401-115

11/17/2004

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[FRONT LABEL PANEL]

ACCEPTED

NOV 17 2004

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 7401-115

Hi-Yield®

8 LB. MALATHION

EMULSIFIABLE CONCENTRATE

ACTIVE INGREDIENT:

Malathion (O, O-dimethyl dithiophosphate of diethyl
mercaptosuccinate..... 81.4%

OTHER INGREDIENTS: 14.6%

TOTAL: 100.0%

(Contains 8 pounds of Malathion per gallon)

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back/Side Label Panel for Additional Precautionary Statements

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[BACK/SIDE LABEL PANEL]

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

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing spray mist. Avoid contact with eyes, skin, or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering controls statements:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

[BACK/SIDE LABEL PANEL]

FIRST AID ORGANOPHOSPHATE PESTICIDE	
If swallowed	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 or 1-800-900-4044 for emergency medical treatment information.</p>	
<p>NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia. This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.</p>	

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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 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.

PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

[BACK/SIDE LABEL PANEL]**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 a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves and shoes plus socks.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in cool, dry, well-ventilated area. Store separately from strong alkalies and strong oxidizers. Keep container tightly closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. **Metal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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Do not use this product for any uses other than those specified on this label. All rates are for a dilute spray. All rates are per acre. Do not apply this product through any type of irrigation system.

DIRECTIONS FOR DILUTION

Dilute Application: Apply specified rate in 20 to 60 gallons of water per acre.

Concentrate Application: Apply specified rate in not less than 5 gallons of water per acre.

Air Application: Apply specified rate in 5 to 20 gallons of water per acre.

APPLICATIONS

ALFALFA, CLOVER: Alfalfa weevil larvae (on hay crop in West) - 1 to 1¼ pts. Alfalfa weevil larvae (on hay crop in East) - 1 pt. Grasshoppers, clover leaf weevil, pea aphid on hay or soil crop, potato leaf hopper, spotted alfalfa aphid - ¾ to 1 pt. Apply to alfalfa in bloom only in the evening or early morning when bees are not working in the fields or are not hanging on the outside of hives. No time limitation.

VETCH (Seed Crop): Vetch bruchid - 1 pt. Apply to plants in bloom only in the evening or early morning when bees are not working in the fields or are not hanging on the outside of hives. Do not apply within 7 days of harvest or pasturing.

ASPARAGUS: Asparagus beetle, thrips - 1¼ pt. Apply on foliage as needed. Do not apply within 1 day of harvest.

BEANS: Aphids, cucumber beetle, Mexican bean beetle, potato leafhopper - 1¼ pt. Apply on foliage as needed. Do not apply within 1 day of harvest. Do not graze or feed treated crop foliage to livestock.

BEETS (Table): Aphids - 1¼ pt. Apply on foliage when aphids appear. Repeat weekly as needed. Do not apply within 7 days of harvest.

BLACKBERRIES, BOYSENBERRIES: Aphids - 1¼ pt. Japanese beetle - 1½ pt. Apply on foliage as needed. Do not apply within 1 day of harvest.

DEWBERRIES, LOGANBERRIES, BLUEBERRIES: Rose leafhoppers - 1½ pt. Rose scale 1¾ pt. Cherry Fruit worm - ½ pt. Japanese beetle - 1 pt. Make 3 applications at 10 day intervals, beginning just after petal fall. Apply on foliage when adults appear; repeat as needed. Do not apply within 1 day of harvest.

RASPBERRIES: Aphids, Japanese beetles, Rose scale - 1¾ pt. Apply on foliage as needed. Do not apply within 1 day of harvest.

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BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, COLLARDS, KALE, KOHLRABI, TURNIPS (including tops): Aphids - 1¼ pt. Apply on foliage when aphids appear; repeat weekly as needed. Do not apply within 7 days of harvest for all crops except broccoli and turnips which is 3 days.

CARROTS: Leafhoppers - 1½ pt. Apply on foliage as needed. Do not apply within 7 days of harvest.

CELERY: Aphids, spider mites - 1¼ pt. Apply on foliage as needed. Do not apply within 7 days of harvest.

CORN (Field, Pop, Sweet): Grasshoppers - 1 pt. Apply to hatching areas when nymphs are young. Do not apply within 5 days of harvest, for grain or forage use.

COTTON: Boll weevil - 1 to 2 pts. Brown cotton leafworm - ¼ pt. Cotton aphid - ½ to 1 pt. Cotton fleahopper - ½ to 2½ pts. Cotton leaf perforator - 1 pt. Cotton leafworm - ¼ to ½ pt. Fall armyworm and Garden webworm - 1¼ to 1½ pts. Grasshoppers - 1 to 2 pts. Lygus bugs and other Mirids - ½ to 1 pt. Spider mites - ¼ to 1¼ pts. Thrips - ½ to 1 pt. Use when insect is resistant to other insecticides. Apply every 3 to 7 days. No time limitation.

PUMPKINS, SQUASH: Cucumber beetles - 1¾ pt. Apply on foliage as needed. Do not apply within 3 days of harvest on pumpkins, 1 day of harvest on squash. Do not apply unless plants are dry.

CURRENTS, GOOSEBERRIES: Currant aphid, Imported currant worm, two-spotted spider mite - 2 pts. Apply as leaf buds are opening or later if infestation occurs. Do not apply within 3 days of harvest.

EGGPLANT: Aphids - 1¾ pts. Eggplant lace bug - 4 pts. Spider mite - 1¼ pt. Apply on foliage as needed. Do not apply within 3 days of harvest.

GRASS (Range & Pasture): Grasshoppers - 1 pt. Apply when hatching of cominant species is completed, and before eggs are laid. Do not apply within 5 days of harvest or pasturing.

SPINACH: Aphids - 1¼ pt. Apply on foliage as needed. Do not apply within 7 days of harvest.

LETTUCE: Aphids - 1 to 2 pts. Apply on foliage when aphids appear; repeat weekly as needed. Do not apply within 14 days of harvest on leaf lettuce, 7 days of harvest on head lettuce.

[BACK/SIDE LABEL PANEL]

ONIONS (including green onions): Onion thrips - $\frac{3}{4}$ pt. Onion maggot - $1\frac{1}{2}$ pt. Flea beetles - $1\frac{1}{4}$ pt. Apply on foliage as needed. On foliage when flies appear. Apply every 4 days. Apply every 10-14 days on foliage of bulb crop. On seed crop when heads first appear, repeat every 7 days. Do not apply on plants in bloom. Do not apply within 3 days of harvest.

RUTABAGAS: Aphids - $1\frac{1}{4}$ pt. Apply on foliage when aphids appear; repeat weekly as needed. Do not apply within 3 days of harvest.

PEAS (Garden & Blackeye): Aphids, pea weevil - $1\frac{1}{4}$ pt. Apply on foliage as needed. Do not apply within 3 days of harvest. Do not graze or feed treated crop foliage to livestock.

PEPPERS: Pepper maggot - $1\frac{1}{2}$ pts. Apply on foliage as needed. Do not apply within 3 days of harvest.

POTATOES: Aphids (in Northeast) - $\frac{3}{4}$ to 1 pt. Apply to foliage. Apply in July and repeat as needed. False chinch bug - 1 pt. Apply on foliage of infested plants. Leafhoppers - $\frac{1}{2}$ to 1 pt. Apply on foliage when leafhoppers first appear; repeat every 10 days as needed. No time limitation.

RICE: Stink bug - $\frac{3}{4}$ to 1 pt. Apply about 1 week after heads appear. Two applications may be needed. Do not apply within 7 days of harvest. Broadcast use only over intermittently flooded areas. Application may not be made around bodies of water where fish or shellfish are grown and/or harvested commercially.

STRAWBERRIES: Aphids (on foliage), Field cricket, Lygus bugs, Spittlebugs and Thrips - 1 to 2 pts. Potato leafhopper - 1 to $1\frac{1}{4}$ pt. Strawberry leaf roller, Strawberry root weevil and White flies - 1 to $1\frac{1}{2}$ pt. Apply on foliage as needed. Do not use Malathion when cyclamen mite is a problem. Do not apply within 3 days of harvest.

TOMATOES (Outdoor): Aphids (in field) and Spider mite - $1\frac{1}{4}$ pt. Drosophila - 2 pts. Apply on foliage and fruit as needed. Do not apply within 1 day of harvest.

WATERMELON: Aphids - $1\frac{1}{4}$ pt. Apply on foliage as needed. Do not apply within 1 day of harvest.

[BACK/SIDE LABEL PANEL]

NOTE: BUYER ASSUMES ALL RISKS OF USE, STORAGE OR HANDLING OF THIS PRODUCT NOT IN STRICT ACCORDANCE WITH DIRECTIONS GIVEN HEREWITH. VOLUNTARY PURCHASING GROUPS, INC. WARRANTS THIS PRODUCT TO CONFORM TO THE CHEMICAL DESCRIPTION ON THE LABEL AND FOR THE PURPOSES STATED ON THE LABEL. THE LIMIT OF ANY LIABILITY INCURRED SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER.

Voluntary Purchasing Groups, Inc.
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