

Draft Label: Front Panel

### MILLER'S MALATHION 5D

Active ingredient

Malathion (O,O-dimethyl dithiophosphate of diethyl

mercaptosuccinate) ..... 5.0%

Inert ingredients ..... 95.0%

### KEEP OUT OF REACH OF CHILDREN CAUTION

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or inhaled. Avoid breathing dust. Avoid contact with skin and eyes. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Wash thoroughly with soap and water after handling.

##### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams, and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. This product is highly toxic to bees exposed to direct treatment of residues on crops. 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.

#### STORAGE AND DISPOSAL

Avoid contamination of feed or foodstuffs. Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state or local procedures. Container Disposal: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment, then dispose of bags in a sanitary landfill or by incineration if allowed by state and local authorities.

**BEST DOCUMENT AVAILABLE**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

DEC 20 1982

U.S.  
EPA  
FEDERAL  
GOVERNMENT

802-115

## USE PRECAUTIONS

Do not apply during bloom when honey bees or other pollinators are active. Apply when there is little or no wind.

In order that residues on food and forage crops will not exceed established tolerances use only at recommended rates and no closer to harvest than specified.

## GENERAL DIRECTIONS

Make full coverage application with a uniform deposit of dust when insects or insect damage are first noticed.

Consult State Agricultural Experiment Station or State Extension Service Authorities for exact timing and spacing of dusts in your area.

| SPECIFIC CROPS                                                                                                                                    |                  | Day between<br>Last<br>Application<br>and Harvest |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------|
| Crop and Pest                                                                                                                                     | lbs. per<br>Acre |                                                   |
| ALFALFA — Yellow Clover Aphid, Potato Leafhopper,<br>Spider Mites, Spittle Bugs, Vetch Bruchid, Alfalfa<br>Weevil Larvae .....                    | 30               | 0                                                 |
| Spotted Alfalfa Aphid .....                                                                                                                       | 12 to 15         | 0                                                 |
| CLOVER—Aphids, Spider Mites .....                                                                                                                 | 25 to 30         | 0                                                 |
| ASPARAGUS—Asparagus Beetle, Thrips .....                                                                                                          | 20 to 25         | 1                                                 |
| BEANS—Mexican Bean Beetle, Leafhopper .....                                                                                                       | 30 to 35         | 1                                                 |
| Aphids, Cucumber Beetles .....                                                                                                                    | 25               | 1                                                 |
| CANTALOUPE, CUCUMBER, SQUASH, MELON,<br>*PUMPKIN—Aphids, Spider Mites, Pickleworms,<br>Leafhoppers .....                                          | 30 to 35         | 1*                                                |
| *On Pumpkins, make no application within 3 days<br>of harvest. Do not apply unless plants are dry.                                                |                  |                                                   |
| CAULIFLOWER—Aphids .....                                                                                                                          | 40               | 7                                                 |
| COLE CROPS (Cabbage, *Broccoli, Brussels Sprouts,<br>Kale, Kohlrabi, Mustard, *Turnips) — Aphids, Imported<br>Cabbage Worms, Cabbage Looper ..... | 30               | 7*                                                |
| *On Broccoli and Turnips, make no application<br>within 3 days of harvest.                                                                        |                  |                                                   |
| ENDIVE—Aphids and Spider Mites .....                                                                                                              | 25 to 30         | 7                                                 |
| LETTUCE—Aphids, Spider Mites, Cabbage Looper ....                                                                                                 | 25 to 30         | 7- Head<br>14- Leaf                               |
| ONIONS—Onion Thrips .....                                                                                                                         | 30 to 40         | 3*                                                |
| *Make no application within 3 days of harvest on<br>green, spring, or bulb onions.                                                                |                  |                                                   |
| PARSLEY, SPINACH—Aphids .....                                                                                                                     | 25 to 30         | 7*                                                |
| *On Parsley, make no application within 21 days<br>of harvest.                                                                                    |                  |                                                   |
| PEAS—Pea Aphids .....                                                                                                                             | 25               | 3*                                                |
| *7 days if forage is to be fed to livestock.                                                                                                      |                  |                                                   |
| POTATOES—Aphids, Leafhoppers .....                                                                                                                | 25 to 30         | 0                                                 |

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|                                                                                                                                                                                                                                    |          |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---|
| ROOT CROPS (Carrots, Radish, Parsnips, Horseradish)                                                                                                                                                                                |          |   |
| —Aphids .....                                                                                                                                                                                                                      | 25 to 30 | 7 |
| TOMATOES—Aphids, Spider Mites, Tomato Russet                                                                                                                                                                                       |          |   |
| Mites .....                                                                                                                                                                                                                        | 35 to 40 | 1 |
| BLUEBERRIES—Blueberry Maggot .....                                                                                                                                                                                                 | 20       | 0 |
| Make first application at egg hatch and repeat applications every 4 to 5 days until a total of 4 applications has been made.                                                                                                       |          |   |
| JAPANESE BEETLES .....                                                                                                                                                                                                             | 20       | 0 |
| Make application when first berries turn blue and at 10 day intervals as long as infestation persists.                                                                                                                             |          |   |
| CRANBERRIES—Leafhoppers, Black-headed Fire-                                                                                                                                                                                        |          |   |
| worms .....                                                                                                                                                                                                                        | 30 to 40 | 3 |
| STRAWBERRIES—Aphids, Spider Mites .....                                                                                                                                                                                            | 40       | 3 |
| FILBERTS—Aphids, Apple Mealybug, Eye-spotted                                                                                                                                                                                       |          |   |
| Bud Moth .....                                                                                                                                                                                                                     | 40       | 0 |
| WALNUTS—Aphids .....                                                                                                                                                                                                               | 35 to 40 | 0 |
| ORNAMENTALS—Aphids, Spider Mites, Mealy Bug, Leafhoppers. Use sufficient dust to make uniform thorough coverage. Injury may occur on certain ferns, including Boston, Maidenhair, and Pteris, as well as some species of Crassula. |          |   |

STORED

DIRECTIONS FOR GRAIN TREATMENT

Miller's Malathion 5D is a powdered insecticide for use on stored grains such as barley, corn, grain sorghum, oats, rice, rye, wheat and field or garden seeds. Protects against damage from Cereal leaf beetle, Confused flour beetle, Flat grain beetle, Granary weevil, Indian meal moth, Lesser grain borer, Maize weevil, Red flour beetle, Rice weevil, Rusty grain beetle, Saw-toothed grain beetle.

USE DIRECTIONS

Apply 15 lbs. of Malathion 5D for each 1,000 bushels (½ pound per ton) as grain is being loaded or turned into final storage.  
As a Surface Treatment after Grains are Stored: Apply 7.5 lbs. of Malathion 5D per 1,000 bushels over the surface of the grain. Apply immediately after grain is loaded into storage and leveled off. Repeat if necessary. This treatment helps prevent insects from entering the grain or from feeding on the surface.

NOTE: Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

LC-6R

THE CHAS. H. LILLY CO.  
Portland, Oregon 97218  
EPA Reg. No. 802-115  
EPA Est. No. 802-OR-1  
NET WT. 50 LBS.

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2861

The Charles H. Lilly Co.  
7737 N.E. Killingsworth  
Portland, OR 97213

Gentlemen:

Subject: Miller's Malathion 50  
EPA Registration No. 802-115  
Your Application Dated December 2, 1982  
(Cyanamid Authorization)

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable, provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a. Delete reference to the term "such as" under Directions for Use on stored grain.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

  
William H. Miller  
Product Manager (16)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

enclosure

TS-767:Miller:DCR-39775:WANG-1660C:hk:Raven:479-2013:12/16/82

*Journal of Management Education* 30(6)p. 789-804

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REPORT OF REAGAN, GEORGE  
CAUTION

### PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or inhaled. Avoid breathing dust. Avoid contact with skin and eyes. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Wash thoroughly with soap and water after handling.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams, and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. This product is highly toxic to birds exposed to direct treatment of rodents outdoors. Protective clothing must be worn to protect the user. See label for additional safety information. See label for first aid instructions.

[illegible]

W. H. R. 1993. *Journal of the Royal Society of New Zealand* 23: 1-10.

5. *Conclusions*

1. The first step in the process of identifying a problem is to determine the nature of the problem. This involves gathering information about the problem and its context. The next step is to identify the causes of the problem. This involves analyzing the information gathered in the first step and identifying the factors that are contributing to the problem. The third step is to develop a plan to address the problem. This involves identifying the goals of the plan and the steps that need to be taken to achieve those goals. The fourth step is to implement the plan. This involves putting the plan into action and monitoring its progress. The final step is to evaluate the results of the plan. This involves assessing the effectiveness of the plan and making any necessary adjustments.

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USE PRECAUTIONS

1. Do not use this product in areas where it may be harmful to humans or animals. Do not use this product in areas where it may be harmful to the environment. Do not use this product in areas where it may be harmful to crops or livestock. Do not use this product in areas where it may be harmful to fish or wildlife. Do not use this product in areas where it may be harmful to birds or bees. Do not use this product in areas where it may be harmful to other beneficial insects.

USE PRECAUTIONS

2. Do not use this product in areas where it may be harmful to humans or animals. Do not use this product in areas where it may be harmful to the environment. Do not use this product in areas where it may be harmful to crops or livestock. Do not use this product in areas where it may be harmful to fish or wildlife. Do not use this product in areas where it may be harmful to birds or bees. Do not use this product in areas where it may be harmful to other beneficial insects.

USE PRECAUTIONS

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| Product Name | Active Ingredient | Concentration | Use Rate             |
|--------------|-------------------|---------------|----------------------|
| APLAR A      | Permethrin        | 0.5%          | 0.5 fl oz/1000 sq ft |
| CLOVER       | Permethrin        | 0.5%          | 0.5 fl oz/1000 sq ft |
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| CLOVER       | Permethrin        | 0.5%          | 0.5 fl oz/1000 sq ft |
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| CLOVER       | Permethrin        | 0.5%          | 0.5 fl oz/1000 sq ft |
| APLAR A      | Permethrin        | 0.5%          | 0.5 fl oz/1000 sq ft |
| CLOVER       | Permethrin        | 0.5%          | 0.5 fl oz/1000 sq ft |

4. Do not use this product in areas where it may be harmful to humans or animals. Do not use this product in areas where it may be harmful to the environment. Do not use this product in areas where it may be harmful to crops or livestock. Do not use this product in areas where it may be harmful to fish or wildlife. Do not use this product in areas where it may be harmful to birds or bees. Do not use this product in areas where it may be harmful to other beneficial insects.

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SECRET  
CONFIDENTIAL - SECURITY INFORMATION

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