

Front Panel:

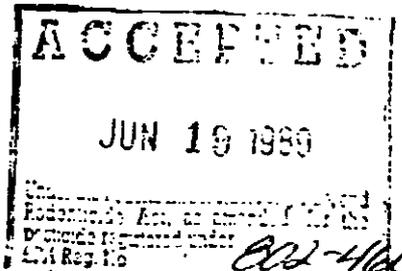
MILLER'S
MALATHION SE
5 lbs. Malathion per gallon

Colors: Red, Yellow and White Background, Black type.
Type Size: As indicated, all other 6 pt minimum

~~Alternate Brand Name: Lilly/Miller Malathion SE~~

ACTIVE INGREDIENTS:

Malathion: O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate) 57.5%
INERT INGREDIENTS 42.5%
TOTAL 100.0%



AGRICULTURAL INSECTICIDE AND GRAIN AND BIN SPRAY

Keep out of reach of children (10 pt.)
CAUTION (14 pt.)
See left side panel for additional precautionary statements

NET CONTENTS: _____ GALLON(S)

The CHAS. H. LILLY CO.
PORTLAND, OREGON 97218
EPA Reg. No. 802-460
EPA Est. 802-OR-1

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Side Panels:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Remove and wash contaminated clothing before reuse. 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.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, do not induce vomiting. Get medical attention. If in eyes, flush with water for 15 minutes. Get medical attention. If on skin, wash with plenty of soap and water. NOTE TO PHYSICIAN: Malathion may cause cholinesterase inhibition. Atropine is antidotal. 2-FAM may be effective as an adjunct to atropine.

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. Promptly wash and decontaminate 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 through any type of irrigation system.

RE-ENTRY STATEMENT

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 spray has dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Applies to foliar applications to agricultural crops.

Written or oral warnings must be given to workers who are expected to be in a treated area or an area about to be treated.

Oral warnings must be given if written warnings cannot be understood by workers and must be in a language they understand. Give specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, the period of time field must be vacated, and appropriate actions to take in case of accidental exposure.

Written warnings must include the following information: CAUTION. Area treated with Malathion SE on (date and time of application). Do not enter without full protective clothing until sprays have dried. If accidental exposure occurs, get medical attention.

STORAGE AND DISPOSAL

STORAGE: Keep in a locked storage area. Do not contaminate water, food or feed by storage or disposal. **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: Glass containers: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures. Metal Drums: 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.

**AS AN AGRICULTURAL INSECTICIDE
MIXING DIRECTIONS**

Carefully add required amount of Miller's Malathion SE to partially filled spray tank, with agitator running, then add remaining amount of water to complete filling. Or, add Miller's Malathion SE to equal amount of water and stir until creamy emulsion is formed, then add to spray tank. Continued agitation during mixing and spraying operations is recommended.

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USE RECOMMENDATIONS

Apply recommended amounts for individual crop on first appearance of insect, or when insect injury is first noticed. Repeat sprays as necessary.

The amounts given are in pints of Miller's Malathion SE per 100 gallons of water and/or pints per acre. When applying by aircraft use 10 to 20 gallons per acre; ground equipment, 20 to 100 gallons; being

sure to use sufficient water for thorough coverage of crop.

Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals or onto adjoining food, fibre or pasture crops.

Consult State Agricultural Experiment Station or State Extension Service Authorities for additional information consistent with label directions and cautions including exact timing and spacing of sprays in your area.

SPECIFIC DIRECTIONS

*Days indicated below represent number of days between last application and harvest. +See Use Recommendations for amount of water to use with recommended pints per acre.

CROP AND PEST	Pints Per 100 gals.	+Pints Per Acre	*Days Before Harvest
APPLES-Woolly Apple Aphid, Bud Moth	1	6-2/5 to 8	3 ✓
Green and Rosy Apple Aphid . .	1 1/2	6-2/5 to 8	3 ✓
Codling Moth, Plum Curculio, Red-banded Leaf Roller	2	6-2/5 to 8	3 ✓
This product may injure McIntosh and Courtland varieties of apples if applied within 4 weeks of harvest.			
APRICOTS-Codling Moth, Aphids.	1 1/2 to 2	6-2/5 to 8	7 ✓
CHERRIES-Black Aphids, Fruit Tree Leafroller	1 1/2	6-2/5 to 8	3 ✓
PEARS-Pear Psylla, Mealybug. . .	1 to 2	6-2/5 to 8	1 ✓
Codling Moth, Plum Curculio, Fruit Tree and Red-banded Leafrollers.	2	6-2/5 to 8	1 ✓
PLUMS, PRUNES-Mealy-Plum Aphid, Bud Moth	1	6-2/5 to 8	3 ✓
BLACK BERRIES, BOYSENBERRIES, LOGANBERRIES, RASPBERRIES- Mites, Thrips, Leafhoppers.	1 1/2	2-4/5	1 ✓
STRAWBERRIES-Aphids, Spider Mites.	1 1/2	1-3/5 to 3-1 5	3 ✓
BEANS-Spider Mites, Mexican Bean Beetle.	1 1/2	2	1 ✓
Aphids	2	2	1 ✓
BEETS-Aphids	1-3/5	1-3/5 to 2	7 ✓
BROCCOLI, TURNIP-Aphids, Imported Cabbage Worm,			

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Cabbage Looper	1 to 2	2	3 ✓
CABBAGE, BRUSSELS SPROUTS, KALE, MUSTARD-Aphids, Imported Cabbage Worm, Cabbage Looper	1 to 2	2	7 ✓
ONIONS-Thrips	1 1/2	1 1/2	3* ✓
*Make no applications within 3 days of harvest on Green Onions			
PEAS-Pea Aphid	1 1/2	1 1/2	3* ✓
*7 days if forage is to be fed to livestock			
PEPPERS, EGGPLANT-Aphids . . .	1	2-2/5	3 ✓
POTATOES-Aphids, Leafhoppers .	1	1 to 2	0 ✓
SPINACH-Aphids	1	1-3/5 to 2	7 ✓
TOMATOES-Spider Mites.	1 1/2	2	1 ✓
Aphids	1	2	1 ✓
ALFALFA, CLOVER-Aphids, Potato Leafhopper, Spider Mites, Alfalfa Weevil-Larvae. .	1 1/2 to 2	1 1/2 to 2	0 ✓

GRASS (Range and Pasture)-
Grasshoppers, Leafhoppers,
Aphids - 1-3/5 to 2 0 ✓

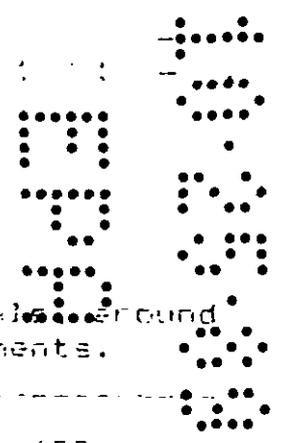
For Grasshoppers, apply when hatching of dominant species is completed and before eggs are laid.

ORNAMENTALS-Aphids, Spider
Mites, White Fly, Thrips,
Mealybugs, Leafhoppers . 1 1/2 - -

Tent Caterpillars 2 - -

Injury may occur to certain ferns including Boston, Maidenhair, and Pteris as well as some species of Crassula.

FLY CONTROL
For use in and around buildings which house domestic animals, around yards, around homes, and around meat processing establishments.



Straight Malathion Spray		Fait Sprays - ADD	
Amount Spray	Amount of 1/2 Miller's MALATHION SE	Sugar or	Unsulfurized Molasses or Corn Syrup ✓

2 1/2 gals.	1 cup	1 cup	1 cup
12 gals.	1 qt.	2 1/2 lbs.	1 qt.
100 gals.	2 gals.	20 lbs.	2 gals.

Apply the spray at the rate of 1 gal. per 1,000 sq. ft. on painted surfaces and 2 gals. per 1,000 sq. ft. on unpainted surfaces where flies alight or congregate. In most cases, adding sugar or molasses to the spray prolongs the insecticidal activity of Malathion and serves as a fly attractant. Do not use in milk rooms. Avoid contamination of feed and food products, also drinking fountains and feed troughs. Do not leave within reach of children. Do not use in rooms where edible products are handled. Remove lactating dairy animals and calves under one month of age from building before treating.

GRAIN AND BIN SPRAY

for protection against...SAWTOOTH GRAIN BEETLE, FLAT GRAIN BEETLE, FOREIGN GRAIN BEETLE, FLOUR BEETLE, RICE WEEVIL and GRANARY WEEVIL.

GENERAL INFORMATION

Miller's MALATHION SE gives best residual protection on grain having a low moisture content. When moisture exceeds 12 1/2%, the efficiency of treating begins to diminish and at 14% to 15% moisture, results may be poor.

The use of Miller's - MALATHION SE does not add dockage to the grain and the amount of water used for application is negligible.

Miller's MALATHION SE, used as directed, has no adverse effect on germination and may be used on wheat and other grain to be used for feed or processed for food.

PROTECTION FOR GRAIN GOING INTO STORAGE

Wheats, Oats, Corn, Rye, Barley, Grain Sorghum, Field and Garden Seeds.

Use 1 pint in 2 to 5 gallons of water for each 1,000 bushels of grain. For Oats, use 1/2 pint in 2 to 5 gallons of water for each 1,000 bushels.

Apply:

1. Spray onto the grain during loading or as it is being tumbled for final storage.
2. Introduce spray to the grain at some convenient place such as at the base of augers, or along conveyors. Any standard spray applicator that can be calibrated is suitable. Adjust flow of grain and volume of spray to apply proper amount. Tumbling action of grain during elevating or spilling assures thorough mixing.
3. For hand scooped grain, the surface of the grain in the bin can be sprayed periodically as the grain is scooped in.

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SURFACE PROTECTION FOR INDIAN MEAL MOTH

Use 1/2 pint in 1 to 2 gallons of water for each 1,000 sq. ft. of grain surface area in the bin.

Apply:

1. Spray evenly onto the surface of the grain immediately after bins are filled.
2. Treatment should be repeated if necessary.

CLEAN-UP SPRAY

Empty Bins, Box Cars, Trucks, Ships' Holds, Grain Handling Equipment, Elevators.

In Ships' Holds, wear respirators to prevent breathing of fumes or mist into throat and lungs. Wear protective clothing to prevent as much of the skin as possible from exposure.

Prepare: Clean up all insect breeding places by thoroughly sweeping and brushing walls, floors, braces and rafters in bins, trucks and ships' holds; lodging places for debris and spilled grain in elevators, conveyors, boots, pits, head houses and distributors. Remove and burn sweepings.

Use 1 gallon in 25 gallons of water.

Apply:

1. Spray all surfaces exposed to grain during storage and handling to the point of run-off. Make particularly sure that spray is forced into cracks, crevices, and other hard-to-reach places.
2. Use any hand or power sprayer that will develop enough force to drive spray into cracks and crevices.
3. This same spray should be applied to the outside of bins to help prevent reinfestation.

NOTE: Area around storage building should be kept free from weeds, debris, spilled grain, and uncleaned handling equipment to eliminate outside breeding places for stored grain insects.

LIMIT OF WARRANTY AND LIABILITY

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The Chas. H. LILLY Co. (LILLY) warrants that this product conforms to the chemical or other description on the label (and/or instructions) and is reasonably fit for the purposes set forth on the label (and/or instructions) when used strictly in accordance with the label (and/or instructions) under the conditions described there. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the following conditions:

o Buyer and all users shall promptly notify LILLY of any claims whether based in contract, negligence, strict liability, other tort, or

otherwise.

o THE EXCLUSIVE REMEDY OF THE USER OR BUYER AND THE LIMIT OF LIABILITY OF LILLY FOR ANY LOSS, INJURY OR DAMAGE RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (including claims based upon contract, negligence, strict liability, other tort, or otherwise) SHALL BE:

1. The purchase price paid for the product, or at the election of LILLY
2. The replacement of such quantity of the product as is involved.

IN NO EVENT SHALL LILLY BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

o LILLY agents have no authority to give warranties or make representations on its behalf, concerning the use, quality or performance of this product, or in any other respect.

o The use, handling, storage, and other influencing factors are beyond the control of LILLY. Buyer assumes all risk of loss, injury, or damage due to use, handling, storage and other influencing factors, including but not limited to, incompatibility with other products, and weather conditions.

NOTICE: 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.

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