



PM3

802-123

4/30/98

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

8439044

APR 30 1998

Ms. Daria Mills
Registration Specialist
The Charles H. Lilly Co.
P.O. Box 83179
Portland, OR 97283

Dear Ms. Mills:

Subject: Deletion of Unsupported Malathion Uses
Lilly/Miller Malathion
EPA Reg. No. 802-123
Labeling Submitted October 1, 1997
Federal Register Notice of August 25, 1993

The labeling amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, As Amended (FIFRA), is acceptable, provided that you:

Submit one copy of your final printed label incorporating the following correction before you release the product for shipment.

Add a statement of practical treatment for "If swallowed" to read as stated below;

"If swallowed: Drink promptly a large quantity of milk, egg whites, or gelatin solution. Do not induce vomiting as it may cause aspiration pneumonia."

If this condition is 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 label constitutes acceptance of this condition.

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

Sincerely,

Marilyn A. Mautz
Biologist
Insecticide-Rodenticide Branch
Registration Division (7504C)

LILLY/MILLER
MALATHION

50% Premium Grade Malathion

Insect Spray

Kills aphids, spider mites, caterpillars, whiteflies, and grasshoppers

Kills codling moths, cucumber beetles, leafrollers, mealybugs, spittlebugs,
tent caterpillars and thrips

Protects fruits, ornamentals and vegetables

For outdoor use only

ACTIVE INGREDIENT:

Malathion: O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate.....	50.0%
INERT INGREDIENTS*	50.0%

*Contains Petroleum Distillate

Keep out of reach of children

CAUTION

See back panel for additional precautionary statements

NET CONTENTS 1 PINT (473 ml) 1 QUART (946 ml)] 1 QUART 8 FL. OZ.
(1.1 l)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if inhaled, swallowed, or absorbed through the skin.
Avoid breathing spray mist. Avoid contact with skin, eyes and clothing. Store
away from children, domestic animals and foodstuffs.

STATEMENT OF PRACTICAL TREATMENT: In Case of Contact: Wash with
soap and water. For Eyes: Get medical attention. Malathion upon use may
cause cholinesterase inhibition. If poisoning occurs, get prompt medical aid.

NOTE TO PHYSICIAN: Atropine is antidotal.

ENVIRONMENTAL HAZARDS: This pesticide 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

ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 30 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
802-123

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.

PHYSICAL OR CHEMICAL HAZARDS: Flammable. Keep away from heat and open flame.

MALATHION controls many insect pests on shrubs, flowers, vegetables, and fruits. Read entire label. Use only as directed, noting all cautions.

SHAKE WELL BEFORE USING

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For household use only.

ROSES, ORNAMENTALS, FLOWERS, EVERGREENS

To Control Aphids, Spider Mites, Bagworms, Birch Leaf Miner, Boxwood Leaf Miner, European Pine Shoot Moth, Four-lined Leaf Bug, Japanese Beetle (adult), Potato Leafhopper, Rose Leafhopper, Tarnished Plant Bug, Thrips, Lace Bugs, Mealybugs, Whiteflies, Oak Kermes, Tent Caterpillar, Oyster Shell Scale, Euonymus Scale, Scurfy Scale, Azalea Scale, Magnolia Scale, Pine Leaf Scale, Fletcher Scale, Florida Red Scale, Juniper Scale, Black Scale Crawlers, Soft Brown Scale, Monterey Pine Scale - use 2 1/4 teaspoons in 1 gallon of water. To Control Pine Needle Scale and Wax Scale - use 4 1/2 teaspoons in 1 gallon of water.

Spray on first appearance of insect or insect damage. For scale, make first application when scale crawlers have settled on foliage. Repeat at 7 to 10 day intervals or as needed to maintain control. Apply as a thorough foliage spray. Coverage may vary depending upon the amount of foliage to be treated. Spray to thoroughly cover plant or tree, including underside of leaves.

USE PRECAUTION: Injury may occur to Ferns, Hickory, Viburnum, Lantana, Crassula (example: Jade Plant) and Canareti Juniper following the use of this product. Slight injury may occur to Boston, Pteris, and Maidenhair ferns, Petunias, Small-leaf Spirea, White Pine and Maples. Under extreme heat, drought and disease conditions, slight injury may occur to Elms.

VEGETABLES, FRUITS, NUTS

Spray on first appearance of insect or insect damage. Repeat at 7 to 10 day intervals or as needed to maintain control. Apply as a thorough foliage spray at the rate of 1 gallon mixed spray to 350 sq. ft. of garden area or 3 gallons to 1050 sq. ft. Coverage may vary depending upon the amount of foliage to be treated. Spray to thoroughly cover plant, including underside of leaves.

The numbers in parentheses () following each vegetable, fruit or nut indicate the number of days waiting time between spraying and harvest.

CROP	TO CONTROL	AMOUNT TO USE IN ONE GALLON OF WATER
Apricots (7)	Aphids, Codling Moth, European Fruit Lecanium, Orange Tortrix, Soft Brown Scale, Terrapin Scale	4 - 5 1/2 tsp
Asparagus (1)	Asparagus Aphid, Asparagus Beetle	2 tsp
	Thrips	1 - 2 tsp
Avocado (7)	Greenhouse Thrips, Latania Scale, Omnivorous Looper, Orange Tortrix, Soft Brown Scale	6 1/2 tsp
Beans (1): Green, Lima, Navy, Red Kidney, Snap, Wax, Cowpeas, Blackeyed	Aphids, Bean Leaf Beetles, Blister Beetles, Cucumber Beetles, Potato Leafhoppers, Lygus Bugs	2 tsp
	Japanese Beetle, Mexican Bean Beetle	1 - 2 tsp
	Red Spider Mites	1 tsp
Beans, Dry (1) - Northwest and CA only	Lygus Bugs	1 - 2 tsp
Beets, Roots (7)	Aphids	1 - 2 tsp

Blackberry, Boysenberry, Dewberry, Loganberry, Raspberry (1)	Aphids, Rose Scale Chafers, Japanese Beetle, Leafhoppers, Mites, Thrips	2 1/2 tsp
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Blueberries (1)	Cherry Fruitworm	2 tsp
	Cranberry Fruitworm	2 tsp

Note: Spray at egg hatch and repeat every 4 - 5 days for a total of four applications.

Japanese Beetle	1 tsp
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Note: Spray when berries first turn blue and thereafter every 10 days as needed for control.

Broccoli (3)	Aphids, Cabbage Looper, Imported Cabbageworm	1 - 2 tsp
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Brussels Sprouts(7)	Aphids	1 - 2 tsp]
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Cabbage (7)	Aphids, Cabbage Looper, Imported Cabbageworm	1 - 2 tsp
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Diamondback Moth, Webworm	2 tsp
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Cauliflower (7)	Diamondback Moth Aphids	2 - 3 1/2 tsp 1 - 2 tsp
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Celery, (7)	Aphids, Spider Mites	1 tsp
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Note: To be applied to fresh leaves and stalks only. Do not use on crops grown for seed and oil.

Cherry (3)	Black Cherry Aphid, Fruit Tree Leafroller	5 1/2 tsp
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Cherry Fruit Fly, Japanese Beetle	3 1/2 tsp
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Note: Injury may occur on certain varieties of sweet cherries, particularly in the Northwest.

Citrus (7): Grapefruit, Kumquat, Lemon, Lime, Orange, Tangerine, Tangelo	Black Scale (single and off-brooded), California Red Scale, Citricola Scale, Purple Scale, Soft Brown Scale, Yellow Scale	4 1/2-6 1/2 tsp
	Citrus Red Mites, Thrips	2 tsp
	Florida Purple Scale, Florida Red Scale	9 tsp

Note: Do not apply when trees are in bloom.

Collards (7)	Aphids	1 - 2 tsp
	Harlequin Cabbage Bug	1 tsp
Cucumbers (1)	Aphids, Pickleworms, Spider Mites	1 - 2 tsp
	Squash Vine Borer	2 1/2 tsp
	Cucumber Beetle, Leaf Miner	2 tsp

Note: Do not apply unless plants are dry.

Currants, Gooseberries (3)	Japanese Beetles	2 1/2 tsp
	Rose Chafer Mites	2 tsp
Dandelion (7), Parsley (21), Parsnip (7), Swiss Chard (7), Eggplant (3)	Aphids	1 - 2 tsp
	Aphids, Spider Mites	1 tsp
	Lacabugs	2 1/2 tsp
Endive (7)	Aphids, Spider Mites	1 - 2 tsp

Figs (3)	Dried Fruit Beetles, Vinegar Flies	2 tsp plus 4 tsp unsulfured molasses
Garlic (3), Shallots (3)	Aphids, Thrips	1 - 2 tsp
Grapes (3)	Leafhoppers, Spider Mites, European Fruit Lecanium	2 1/2 tsp
	Mealybugs	1 tsp

Note: To control European Fruit Lecanium, apply to thoroughly cover all plant surfaces shortly after bloom, when newly hatched nymphs are migrating over vines. Injury may occur to Almeria, Cardinal, Italia and Ribier grape varieties if applications are made after clusters appear.

Kale (7)	Aphids, Cabbage Looper, Imported Cabbageworm	1 - 2 tsp
	Webworm, Diamondback Moth	2 tsp
Kohlrabi (7)	Aphids	1 - 2 tsp
	Cabbage Looper, Diamondback Moth, Imported Cabbageworm, Webworm	2 tsp
Leeks (3)	Aphids	1 - 2 tsp
	Onion maggot flies	2 tsp
	Thrips	2 1/2 tsp
Lentils (3)	Cowpea Aphid, Pea Aphid	1 tsp
Lettuce: Head (7), Leaf (14)	Aphids, Leafhoppers, Spider Mites	2 tsp
	Cabbage Looper	2 1/2 tsp
Macadamia Nuts (0)	Green Stink Bugs	2 1/2 tsp

Note: Apply when insects start to feed on the nuts. Repeat as necessary.

Mustard greens (7)	Aphid, Cabbage Looper, Imported Cabbageworm	2 tsp
	Flea Beetles	1 - 2 tsp
Nectarines (7)	Spider Mites	2 - 5 1/2 tsp
	Plum Curculio	1 1/2 tsp

Note: Applications to nectarines may cause spotting of fruit.

Okra (1)	Aphids	1 tsp
	Japanese Beetle	2 tsp

Note: Do not apply after pods start to form.

Onions (3)	Onion Maggots	1 - 2 tsp
	Onion Thrips	2 1/2 - 5 1/2 tsp
Papaya (0)	Aphids, Mealybugs	2 1/2 - 5 1/2 tsp

Peach (7)	Black Cherry Aphid,	
	Black Peach Aphid,	
	European Red Mite,	
	Green Peach Aphid,	
	Rusty Plum Aphid,	
	Japanese Beetle,	
	Spider Mites,	
	Oriental Fruit Moth,	
	Plum Curculio, Cottony	
	Peach Scale, European	
Fruit Lecanium, Terrapin Scale	2 1/2 tsp	

Note: To control scale or lecanium on peaches, spray to thoroughly cover all plant surfaces when hatch is complete (end of June).

Peas (7)	Aphids	1 - 2 tsp
	Grasshoppers	2 tsp

Leafhoppers 1 - 3 1/2 tsp

Pecans (0)

Aphids, Spider Mites,
Walnut Aphid 6 1/2 - 9 tsp

European Red Mite,
Pecan Phylloxera 5 1/2 tsp

Note: Make application when buds begin to develop and repeat as needed

Pecan Nut Casebearer,
Walnut Husk Fly 5 1/2 tsp

Note: Make application after first generation eggs begin to hatch.

Peppermint,
Spearmint (7) Aphids, Flea Beetles,
Leafhoppers, Spider Mites 1 tsp

Peppers (3) Aphids 1 - 2 tsp

Pepper Maggots 2 tsp

Potatoes (0) Aphids, Grasshoppers,
Leafhoppers 2 tsp

False Chinch Bugs 1 tsp

Mealybugs 1 - 2 tsp

Radish,
Horseradish (7) Aphids 1 - 2 tsp

Rutabaga (3) Aphids 1 tsp]

Spinach (7) Aphids 2 tsp

Squash (1) Aphids, Leaf Miners,
Spider Mites, Pickleworm 2 tsp

Cucumber Beetles,
Squash Vine Borer 2 1/2 tsp

Note: Do not apply unless plants are dry.

Strawberries (3)	Aphids, Spider Mites	1 tsp
	Field Crickets, Lygus Bugs, Spittlebugs, Thrips	1 - 2 1/2 tsp
Sweet Corn (5)	Japanese Beetle	2 tsp
Note: Injury may occur in the whorl or to the silks.		
Sweet Potatoes (3)	Leafhoppers	1 - 2 tsp
	Morning Glory Leaf Miner	2 - 2 1/2 tsp
Tomatoes (1)	Aphids, Spider Mites	1 tsp
	Drosophila	2 tsp
	Fruitworms (CA only), Armyworms	2 1/2 tsp
Turnip (7)	Aphids, Cabbage Looper, Imported Cabbageworm	1 - 2 tsp
Walnuts (0)	Aphids, European Red Mite, Walnut Aphid, Walnut Husk Fly	1 - 2 1/2 tsp

BAIT SPRAY FOR FLIES - OUTDOOR RESIDUAL TREATMENT

For exterior use around homes and yards, use 4 teaspoons plus 2 tablespoons sugar to 1 quart of water. Apply to walls, fences, garbage areas or wherever flies congregate and breed outdoors. Wet all surfaces thoroughly. Repeat as necessary. Do not allow this spray dilution to contact ornamental plants as injury may occur. Do not allow this spray mist to contaminate fish ponds. Do not allow this spray dilution to contact freshly painted surfaces. Allow 2 weeks after painting before application. Do not allow spray to contact automobile paint.

OUTDOOR CONTROL OF FLEAS AND TICKS: Use 3/4 cup (6 fl. oz.) MALATHION in one gallon of water. Spray to evenly cover 1000 square feet of yards, and lawns. Remove manure or debris before treating. Repeat treatment in 3 to 4 weeks if necessary. Do not allow humans or pets to contact treated surfaces until spray has dried.

STORAGE AND DISPOSAL

Store this product in its original container and keep in a locked storage area. Do not reuse container. Rinse thoroughly before discarding in trash. Securely wrap original container in several layers of newspaper and discard in trash.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

THE CHAS. H. LILLY CO.
PORTLAND, OREGON 97283
EPA Reg. No. 802-123
EPA Est. 33518-CN-01
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