



PM 14 67517-2 P 165

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

8448 734

OCT 23 1996

Mr. Joseph E. Dyer  
Regulatory Agent  
PM Resources, Inc.  
13001 St. Charles Rock Road  
Bridgeton, MO 63044

Dear Mr. Dyer:

Subject: Deletion of Unsupported Malathion Uses  
Malathion Spray  
EPA Reg. No. 67517-2 (Formally, 602-59)  
Labeling Submitted June 29, 1993  
Federal Register Notice of June 7, 1995

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 corrections before you release the product for shipment.

1. This labeling does not bear the required Worker Protection statements as outlined in PR Notices 93-7 and 93-1. We note that you have submitted labels in accordance with the instructions in those Notices and that these labels were accepted by the Agency on March 18, 1994. The new protective language in those submissions must be incorporated into this label.

2. Revise the practical treatment statement to reflect the aspiration hazard associated with ingestion of the product so that it reads as follows:

"If swallowed: Drink promptly a large quantity of milk, egg whites, or gelatin solution, or, if these are not available, large quantities of water. Avoid alcohol. Do not induce vomiting as it may cause aspiration pneumonia."

3. Delete the following precautionary statements as the uses associated with these statements have been deleted from the subject product labeling.

"Do not use where milk is stored or processed. Do not spray freshly whitewashed surfaces. Avoid contamination of milk, milk



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at least 75% recycled fiber

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equipment and water. 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. May cause injury to apples, (McIntosh and Courtland), Grapes, (Rabier, Italia, Cardinal, Almeria) and sweet cherries"

4. Under "Environmental Hazards", update the statement, "Do not apply directly to water or wetlands (i.e., swamps, bogs, marshes, and potholes)." to read as follows:

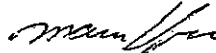
"Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark."

5. Correct the designation "EPA Reg. No. 602-59" to reflect the new registration number so that it reads as follows: "EPA Reg. No. 67517-2".

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 yours,



William W. Jacobs, Ph. D.  
Acting, Product Manager Team 14  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Reason For Issue: Update Per EPA letter dated June 16, 1993.

Date Issued: 6/22/93 (Green)  
Prev. Date Issued: 3/19/92  
Document Name: MALATHIO.NGR

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Front Panel

(9-Square Logo)®

PURINA®  
BRAND

EPA Reg. No. 602-59

Contains  
CYTHION Insecticide  
The Premium Grade  
Malathion

MALATHION SPRAY

For Insect Control

® Reg. Trademark -  
American Cyanamid  
Company

Crops & Gardens

(3-Row Checkerband)®

ACTIVE INGREDIENTS:

Malathion: 0,0-dimethyl phosphorodithioate of diethyl mercaptosuccinate ...	54.6%
INERT INGREDIENTS.....	45.4%
	100.0%

Contains xylene range aromatic solvent

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KEEP OUT OF REACH OF CHILDREN  
WARNING  
SEE BACK PANEL FOR ADDITIONAL WARNINGS

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NET 1 GAL

D-5854

(NOTE: Type size will conform with requirements for precautionary labeling.)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

OCT 23 1996

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, the pesticide registered under EPA Reg. No. 67517-2

Manufactured By  
PURINA MILLS, INC.  
P.O. Box 66812  
St. Louis, Missouri 63166-6812 U.S.A.

(Not to be printed on label)  
USDA Category F2

## PRECAUTIONARY STATEMENTS

## HAZARD TO HUMAN AND DOMESTIC ANIMALS

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## WARNING

Causes eye irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid breathing spray mist. Wash thoroughly with soap and water after using. Avoid contamination of feed and foodstuffs. Do not use where milk is stored or processed. Do not spray freshly whitewashed surfaces. Avoid contamination of milk, milk equipment and water.

If swallowed, drink glass of water. Call physician immediately. It is preferable to induce vomiting under medical supervision, otherwise induce vomiting by touching finger to back of throat. Never give anything by mouth to an unconscious person.

If in Eyes: Flush with plenty of fresh water. Call physician immediately.

If on Skin: Remove contaminated clothing. Wash thoroughly with soap and water. Wash contaminated clothing before reuse.

Note to Physician: This product contains a cholinesterase inhibitor. Atropine is antidotal. Aspiration hazard may exist.

## 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.

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.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. NOTE: Directions for use of this product are not for aircraft applications.

## CROPS

Forage: Alfalfa, Clover, Grass Hay, Pasture and Range Grass.

Pests: Aphids, Alfalfa weevil, Armyworms, Clover leaf weevil, Grasshoppers, Leaf hoppers, Lygus bug - use 1-1/2 - 2 pints per acre in sufficient water for good coverage (25 to 50 gallons per acre). Use higher dosage on taller forage. For clover leaf weevil apply in spring when forage is 2 - 6 inches tall. Do not apply to clover in bloom. For armyworms apply when larvae are small. Apply to alfalfa in bloom only in evening or early morning when bees are not working, the field or are not hanging on outside of hives. Repeat as needed.

Grain: Barley, Corn, Oats, Rye, Wheat.

Pests: Cereal leaf beetle, English grain aphid, Greenbugs, Grasshoppers - use 1-1/2 pints; for armyworms 2 pints per acre. Apply in sufficient water for good coverage. For grasshoppers make full coverage to hatching areas when nymphs are young. Repeat as needed. Do not treat barley, oats, rye, wheat within 7 days, corn within 5 days of harvest.

#### HOME GARDENS

Mix 2 teaspoonfuls to 1 gallon of water (1/2 pint in 25 gallons of water). Stir and keep uniformly mixed while spraying. Spray plants thoroughly and repeat as necessary. Do not spray within 7 days of harvest or when plants are in bloom. **Vegetables** - Aphids (Plant Lice), Spider Mites, and Leafhoppers on Tomatoes, Peas, Beans, Potatoes, Cabbage, Mustard, Peppers, Cucumbers, Squash, Spinach; Mexican Bean Beetle on Beans; Imported Cabbage Worm and Cabbage Looper on Cabbage.

Do not spray cucurbits unless plants are dry. May cause injury to apples, (McIntosh and Cortland), Grapes, (Ribier, Italia, Cardinal, Almeria) and sweet cherries.

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#### STORAGE AND DISPOSAL

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

**Storage:** Store in original container in cool, dry area out of reach of children and animals.

**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:** Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved state and local procedures.

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EPA Est. No. 602-MO-1

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