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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Ms. Marla Jackson  
Voluntary Purchasing Groups, Inc  
P.O. Box 460  
Bonham, TX 75418

Dear Ms. Jackson:

Subject: Deletion of Uses  
Your Applications Dated October 28, 1999  
Federal Register Notice of December 27, 1999

Ferti-Lome Malathion Garden Spray  
EPA Reg. No. 7401-10

Hi-Yield 5 LB. Malathion  
EPA Reg. No. 7401-255

Ferti-Lome Malathion Spray  
EPA Reg. No. 7401-257

The labeling amendment for each of the products 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 corrected final printed label and your corrected formulation statement as cited below for each of the products before you release the product for shipment.

**7401-10**

1. Reinstate the statement cited below as it appeared on your previous label accepted on April 17, 1997. This statement is needed to clarify the intended use of the product as a non-agricultural use product not subject to the Worker Protection Standard; i.e. a product not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

For Home Garden Use Only.

2. Submit your Confidential Statement of Formula (CSF), EPA Form 8570-4 incorporating the correction described below.

Verify whether the CSF dated May 19, 1997 is your basic formulation, and is to replace all previous CSFs submitted for this product. If so, correct it by designating it as your basic formulation ( box A on the form) rather than your alternate formulation. If such is not the case, Correct the CSF currently desoigmented as the basic formulation (dated September 6, 1989) by updating it to show your current supplier of the active ingredient, malathion used to formulate your product and to include the upper and lower certified limits for each of the listed ingredients. The supplier product reported on the September 6, 1989 CSF was canceled in 1993.

**7401-255**

1. Add the designation that the product is an organophosphate and either place it in the first aid or practical treatment section or near the product name.

2. Relocate the statements, "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 areas during application. " from inside the Agricultural use Requirements box to the Use Directions section immediately preceding the box.

3. Add the statements cited below to the Storage and Disposal section.

Do not store at temperatures exceeding 25 degrees C (77 degrees F) . It should never be heated above 55 degrees C (131 degrees F).

4. Submit your updated Confidential Statement of Formula (CSF), EPA Form 8570-4 reflecting the corrections cited below.

a. Show your current supplier for the active ingredient used in the formulation of the product. The most recent CSF in our files dated September 6, 1989 shows a supplier product that has been canceled.

b. Show the upper and lower certified limits for the active and inert ingredients (items 14 a. and b.).

**7401-257**

1. Add the statement cited below. This statement is needed to clarify the intended use of the product as a non-agricultural use product not subject to the Worker Protection Standard; i.e. a product not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

For ~~H~~Home Garden Use Only.

2. Correct the first sentence in the Environmental Hazards section to read as cited below.

3/8

Page 3

This product is toxic to fish, aquatic invertebrates and aquatic life stages of amphibians.

3. Submit your updated Confidential Statement of Formula (CSF), EPA Form 8570-4 reflecting the corrections cited below.

a. Show your current supplier for the active ingredient used in the formulation of the product. The most recent CSF in our files dated September 6, 1989 shows a supplier product that has been canceled.

b. Show the upper and lower certified limits for the active and inert ingredients (items 14 a. and b.).

If this condition is not complied with for each of the subject products, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the products bearing the amended label constitutes acceptance of this condition.

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

Sincerely,



Marilyn A. Mautz

Biologist

Insecticide-Rodenticide Branch

Registration Division (7504C)

4/8

[FRONT LABEL PANEL]

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

AUG 8 2000

Under the Federal Insecticide,  
Fungicide, and Plant Growth  
Regulator Act, this product  
is registered under EPA Reg. No.

7401-255

**Hi-Yield®**

**5 LB. MALATHION**

- Contains 5 lbs. Malathion per gallon.
- Controls listed insects on Cotton, Alfalfa, and Grain Crops.

**ACTIVE INGREDIENTS:**

Malathion (O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate) .....	56.0%
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<b>INERT INGREDIENTS:*</b> .....	<u>44.0%</u>
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<b>TOTAL:</b> .....	100.0%
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\*Contains Aromatic Petroleum Derivative Solvents.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See Back/Side Panel for Additional Precautionary Statements

Net Contents ONE GALLON

5/0

[BACK/SIDE LABEL PANEL]

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

HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. May be a skin sensitizer. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**PERSONAL PROTECTIVE EQUIPMENT**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category (F) on the EPA chemical resistance category selection chart.

**Applicators and other handlers must wear:** long-sleeved shirt and long pants, chemical resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton, 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.

**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 to drift to blooming crops or weeds if bees are visiting the treatment area.

6/8

[BACK/SIDE LABEL PANEL]

**PHYSICAL AND CHEMICAL HAZARDS**

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

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

**IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

**NOTE TO PHYSICIAN:** This product may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine.

Do not apply this product through any type of irrigation system.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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 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.

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, chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, viton and shoes plus socks.

7/8

[BACK/SIDE LABEL PANEL]

**RECOMMENDATIONS FOR USE**

Hi-Yield 5 LB. Malathion is an emulsifiable concentrate insecticide for use against certain economic insect pests when diluted with water and applied by conventional hydraulic sprayers, low-gallonage sprayers or airplane sprayers. Use according to directions below. **GUIDE FOR APPROXIMATE AMOUNT OF WATER TO USE PER ACRE:** For airplane and hydraulic sprayers 2-5 gallons; for low-gallonage sprayers 5-10 gallons. (In California use minimum of 5 gallons of water for air application and 20 gallons for ground application.)

**COTTON:** For Boll Weevil, Cotton leaf perforator, Cotton leafworm, Leafhoppers, Lygus bugs, Desert spider mite, Thrips, Cotton aphid and White flies apply 1-2 qts. per acre; for Fleahoppers 1-1½ pints per acre; for Fall armyworms, Garden webworms and Grasshoppers apply 1½ - 3 pints per acre. Apply to foliage every 3-7 days until insects are controlled. May be applied up to day of harvest.

**ALFALFA:** For spotted alfalfa aphid, Alfalfa weevil larvae, Aphids, Grasshoppers, Leafhoppers, Lygus bug, Spider mites and Spittlebug apply 1½ - 2 pints per acre. Apply in spring or when insects or their damage first appear. For Armyworms apply 2 pints per acre using full coverage application when larvae are small. For Clover leaf weevils apply 1½ pints per acre in spring when alfalfa is 2-6 inches tall. Repeat as necessary. May be applied up to day of harvest.

**NOTE:** To protect bees apply in bloom only in the evening or early morning when bees are not working in the field or are not hanging on outside of hives.

**GRAIN CROPS:** (Wheat, Corn, Oats, Barley, Rye). For Cereal leaf beetle, English grain aphid, Greenbugs and Grasshoppers apply 1 - 1½ pints per acre when insects first appear - for Grasshoppers apply to hatching areas when nymphs are young. Repeat as necessary. Do not apply to barley, oats, wheat or rye within 7 days of harvest or to corn within 5 days of harvest.

8/0

[BACK/SIDE LABEL PANEL]

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly.

**STORAGE:** Do not store below temperature of 0° F. If frozen, warm to 40° F. and redissolve before using by rolling or shaking the container. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

**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.

**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.

P.O. Box 460

BONHAM, TEXAS 75418

EPA Registration No. 7401-255

EPA Establishment No. 7401-TX-1