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34911-16

9/30/97

PS 119

Acceptance Stamp on p. 579

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

SEP 30 1997

Mr. Raymond Smith
Product Manager
Voluntary Purchasing Groups, Inc.
P.O. Box 460
Bonham, TX 75418

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

Dear Mr. Smith:

Subject: Deletion of Unsupported Malathion Uses
Hi-Yield Malathion Farm and Grain Spray
EPA Reg. No. 34911-16
Labeling Submitted September 28, 1995
Federal Register Notice of July 19, 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:

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

a. Correct the "If swallowed:" statement of practical treatment to reflect the aspiration hazard associated with the product so that it reads as cited below.

- "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."

b. Revise the Environmental Hazards statements to read as stated below. These revisions will bring the statements into compliance with the 1988 Malathion Registration Standard and PR Notice 93-3.

"This product 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 highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product



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or allow it to drift to blooming crops or weeds if bees are visiting the treatment area."

c. Add a statement prohibiting the grazing or feeding of the treated crop foliage by livestock for the crop, grain sorghum (forage, fodder/stover and hay).

d. Correct the Worker Protection Standard (WPS) labeling as described below .

- Delete the statements, Wash thoroughly _ _ _ " and "Remove contaminated clothing _ _ _ " from the human precautionary statements section. These cautions are included on your labeling as part of the WPS labeling.

- Revise the WPS labeling to agree with the wording contained on the marked up labeling of the enclosed example labeling.

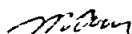
e. Reduce the application rates for certain crops to read as follows as that they agree with those appearing on your current registered label for the subject product: 2 1/4 pints per acre for clover, corn and rye.

2. Submit your updated Confidential Statement of Formula (CSF) for our files showing your current supplier of the active ingredient, malathion used in the formulation of the subject product so that it agrees with your DCI response dated August 6, 1992. The most recent CSF in our files is dated September 21, 1989.

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)

Enclosure

EXAMPLE OF A REVISED LABEL

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (& DOMESTIC ANIMALS)

DANGER:

Fatal if absorbed through the skin, fatal if swallowed, and poisonous if inhaled. Do not breathe vapors or spray mist. Do not get on skin or clothing.

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 G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

~~Overalls or~~ long-sleeved shirt & long pants
Chemical-resistant gloves such as barrier laminate or viton

Shoes

~~Specialized footwear~~ plus socks

~~Protective eyewear~~

~~Chemical-resistant headgear for overhead exposures~~

~~Chemical-resistant apron when cleaning equipment, mixing, or loading.~~

~~Respirator with either an organic vapor removing cartridge with a prefilter approved for pesticides~~

~~(MSHA/NIOSH approval # TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number TC-14C)~~

~~Remove clothing and other absorbent materials that have been contaminated with this product's concentrate. Do not wash them. 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.~~

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the 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 highly toxic to aquatic invertebrates and wildlife. Birds in treated areas may be killed. Shrimp and other aquatic organisms may be killed at recommended application rates.

Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Not for use or storage in or around the home.

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 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.

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 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), notification to workers, and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

12 Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. ~~Do not enter or allow worker entry into treated areas until the pesticide has dried or the label states otherwise.~~

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 over long-sleeved shirt and long pants~~
- chemical-resistant gloves such as barrier laminate or viton

Shoes ~~chemical-resistant footwear plus socks~~

- ~~resistant footwear~~
- ~~chemical-resistant footwear~~

~~Notify workers of the application by warning them in advance by posting warning signs at entrances to treated areas.~~

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.~~

~~CONTAINER DISPOSAL: 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.~~

FRONT PANEL

Sf 2

Hi-Yield (R)

Malathion

Farm & Grain Spray

Controls Listed Insects on Listed Farm Crops, ~~Storage and~~

ACTIVE INGREDIENTS:

MALATHION: (O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate).....	50%
INERT INGREDIENTS*.....	50%
	TOTAL 100%

*Contains Aromatic Petroleum Derivatives.

EPA REG. NO. 34911-16

EPA EST. NO. 7401-TX-1

NET CONTENTS FL.OZ.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

ACCEPTED
with COMMENTS
in EPA Letter Dated

SEP 30 1971

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
34911-16

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with label directions.

Hi-Yield Malathion Farm & Grain Spray is an emulsifiable concentrate 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.

AGRICULTURAL CROPS

CROP	INSECT	DOSAGE	DIRECTIONS
Alfalfa	Alfalfa weevil larvae, Aphids, Armyworms, Clover leaf weevil, Grass-hoppers, Leafhoppers, Lygus Bugs, Pea Aphid, Spider Mites, Spittlebug, Spotted alfalfa aphids	1 3/4 to 2 1/4 pints per acre Except use 2 1/4 pints on Armyworms 1 3/4 Pints on Clover leaf weevil	Apply in spring or when insects or their damage first appear. Repeat as necessary. No time limitations. Note: To protect bees apply in bloom only in the evening or early morning when bees are not working in the field.
Barly	Aphids, Armyworms, Cereal leaf beetle, Grass-hopper, Green-bugs	1 1/8 to 1 3/4 pints per acre Except on Armyworms use 2 1/4 pints per acre.	Apply on foliage when insects or their damage first appear. Repeat as necessary. Allow 7 days to harvest.
Clover	Aphids (cotton), Clover leaf beetle, Grasshoppers, Leafhoppers, Mites	1 3/4 to 2 1/4 pints per acre except on Clover leaf weevil use only 1 3/4.	Apply in spring when clover is 2 to 6 inches tall. No time application.
Corn (Field Sweet)	Aphids, Armyworms, Cereal leaf beetle, Corn earworm, Corn rootworm adults, Grasshoppers, Sap beetle, Thrips	1 3/4 pints per acre except on armyworms use up to 2 1/4 pints per acre.	Apply on foliage when insects or their damage first appear. Repeat as necessary. Allow 5 days to harvest.
Cotton	Aphids (cotton), Brown Cotton leafworms, Boll weevil, Cotton Leaf forator, Cotton Leafworm, Fall Armyworm, Fleahoppers, Garden webworms, Grasshoppers, Lygus Bugs, Mites, Thrips	1/2-2 1/4 pints per acre, except on Boll Weavils use 1 1/8 to 2 1/4 pints per acre: Use 1 3/4 to 3 1/4 pints per acre on Fall armyworms and Garden Webworms.	Apply to foliage every 3-7 days until insects are controlled. No time limitations.

Do not feed treated forage or graze livestock on treated fields.

Grass and Grass Hay	Aphids, Leafhoppers, Armyworms, Grasshoppers	1 3/4 to 2 1/4 pints per acre.	Apply to foliage when insects or their damage first appear. Repeat as necessary.
Oats	Armyworms, Cereal Leaf beetle, English Grain Aphid, Grasshoppers, Greenbugs.	1 1/8 to 1 3/4 pints per acre: 2 1/4 pints on armyworm	Apply to foliage when insects or their damage first appear. Repeat as necessary. Allow 7 days to harvest.
Pasture and Range Grass	Aphids, Armyworms, Grasshoppers, Leafhoppers, Mirids (black grass bugs)	1 3/4 to 2 1/4 pints per acre: Armyworms use 2 1/4.	Apply on foliage when insects or their damage first appear. Repeat as necessary.
Rice (Grain form)	Rice leafminer Rice Stink Bug.	1 3/4 pints per acre.	Apply on foliage when insects or their damage first appear. Repeat as necessary. Allow 7 days to harvest.
Rye	Broadcast use over intermittently flooded areas. Application may not be made around bodies of water where fish or shellfish are grown and/or harvested commercially. Armyworms, English grain aphid, Grasshoppers, Greenbugs	2 3/4 pints per acre on armyworm. 1 3/4 others.	Apply to foliage when insects or their damage first appear. Allow 7 days to harvest.
Borghum	Aphids (Greenbugs)	1 3/4 pints per acre.	Apply to foliage when insects or their damage first appear. Allow 7 days to harvest.
Wheat	Armyworms, Cereal Leaf beetle, English grain aphid, Grasshoppers, Greenbugs.	1 1/8 to 1 3/4 pints per acre except armyworm use 2 1/4 pints.	Apply to foliage when insects or their damage first appear. Allow 7 days to harvest.

STORAGE: Store in a locked storage area inaccessible to children and pets.
DISPOSAL: Triple rinse or equivalent to empty container. Wrap in several layers of newspaper and discard in trash. Do not reuse empty container.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

311-710

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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water and 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 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.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or poison control center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. Give artificial respiration if indicated.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Flush with plenty of water. Get medical attention 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.

Hi-Yield Chemical Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions For Use. Hi-Yield Chemical Co. makes no other expressed or implied warranty, including any other expressed or implied warranty, of FITNESS or of MERCHANTABILITY. In no event shall Hi-Yield Chemical Co. be liable for indirect or consequential damages. This warranty shall not be changed by oral or written agreement unless signed by a duly officer of Hi-Yield Chemical Co.

Hi-Yield Chemical Co.

Bonham, Texas 75418

NET CONTENTS

FL.OZS.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproofed gloves
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this products concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep AND WASH PPE seperately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR170.240(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.

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, forest, 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 Worker Protection Standard.

Do not allow entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for 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
- Waterproof gloves
- Shoes plus socks
- Protective eyewear