



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 23, 2023

Maryanne Kellogg
Regulatory Consultant
Voluntary Purchasing Groups, Inc.
c/o Pyxis Regulatory Consulting Inc.
4110 136th St. Ct. NW
Gig Harbor, WA 98332

Subject: Registration Review Label Amendments Incorporating Mitigation from the Fish and Wildlife Services (FWS) and the National Marine Fisheries Services (NMFS) Biological Opinions on the Effects of Malathion on Endangered and Threatened Species and Designated Critical Habitat
Product Name: Hi-Yield 55% Malathion
EPA Registration Number: 7401-10
Application Dates: 6/13/2022 and 10/10/2022
Decision Numbers: 585242 and 589927

Dear Maryanne Kellogg:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the FWS and NMFS' Biological Opinions on the effects of malathion on federally listed endangered and threatened species and designated critical habitat in accordance with section 7 of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531 et seq.). The Agency has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling

before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions, please contact Carolyn Smith by phone at (202) 566-2273 or via email at smith.carolyn@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Kelly Sherman", with a long horizontal flourish extending to the right.

Kelly Sherman
Chief, Risk Management Implementation Branch 3
Pesticide Re-evaluation Division
Office of Pesticide Programs

Enclosure

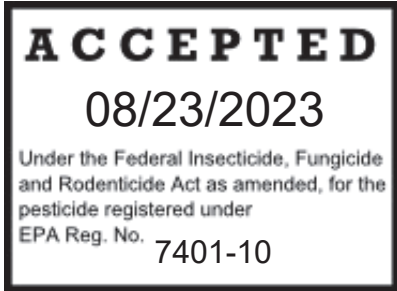
MALATHION	GROUP	1B	INSECTICIDE
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Hi-Yield 55% Malathion

[ABN: Ferti-Lome Malathion Garden Spray]

[*Hi-Yield® is a Registered Trademark and Brand Name of Voluntary Purchasing Groups, Inc. Use of this Brand Name on the label of this product is not intended to imply any increased effectiveness for this product in comparison to similar products.]

- [Aphid graphic]
- [Bagworm graphic]
- [Spider Mite graphic]
- [Mealybug graphic]
- [Whitefly graphic]



- For outdoor garden use only
- Controls Aphids, Bagworms and other listed insects
- For use on listed outdoor ornamental herbaceous plants, ornamental non-flowering plants, ornamental woody shrubs, vegetables, and fruit trees.
- 1 1/2 teaspoons makes 1 gallon of spray

ACTIVE INGREDIENT:

Malathion (0,0-dimethyl dithiophosphate of diethyl mercaptosuccinate)..... 55.0%

OTHER INGREDIENTS:*.....45.0%

TOTAL:.....100.0%

*Contains Aromatic Petroleum Derivative Solvents
This product contains 5 pounds of Malathion per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL AND LABEL BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE

Manufactured By:
Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, TX. 75418
EPA Reg. No. 7401-10
EPA Est. No. 7401-TX-01
Visit Us At:
www.hi-yield.com

NET CONTENTS: _____

FIRST AID - ORGANOPHOSPHATE PESTICIDE	
If swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In the event of a medical or chemical emergency, contact ChemTel Inc. North America 1-800-255-3924 or Worldwide Intl. +01-813-248-0585</p>	
<p>NOTE TO PHYSICIAN: Contains petroleum distillate. May pose an aspiration pneumonia hazard. This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.</p>	

HI-YIELD® 55% MALATHION SPRAY controls **Aphids, Thrips, Spider Mites, Lace Bugs, Japanese Beetle Adult, Tent Caterpillar** and **Soft Scale**. Use on Fruits, Vegetables, and Ornamentals as listed on the label.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Avoid breathing spray mist or vapor. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

Reporting Ecological Incidents: To report ecological incidents, including mortality, injury, or harm to plants and animals, call 888-583-5296.

This pesticide 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 while bees are actively visiting the treatment area.

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. To the extent consistent with applicable law, the limit of any liability incurred shall be the purchase price paid by the User or Buyer.

PHYSICAL OR CHEMICAL HAZARDS

Combustible: Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

RESTRICTIONS:

- **DO NOT APPLY THIS PRODUCT IN A WAY THAT WILL CONTACT ANY PERSON OR PET, EITHER DIRECTLY OR THROUGH DRIFT. KEEP PEOPLE AND PETS OUT OF THE AREA DURING APPLICATION.**
- Do not allow people or pets to enter the treated area until sprays have dried.
- Do not reuse measuring utensil for food use.
- Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.
- For fruit trees and vegetable gardens
 - Application equipment limited to hand-pump sprayers, hose-end sprayers, and sprinkler cans.
 - Do not apply more than two applications per year.
 - Minimum retreatment interval is 10 days.
- Do not apply by ground within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams, wetlands or natural ponds, estuaries and commercial fish farm ponds).
- Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams, wetlands or natural ponds, estuaries and commercial fish farm ponds). Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
- Do not apply to vertical surfaces directly above pervious or impervious surfaces that drain into ditches, storm drains, gutters, or surface waters.

- Do not apply or irrigate to the point of runoff.
- Do not apply this product when a storm event likely to produce runoff from the treated area is forecasted (by NOAA/National Weather Service, or other similar forecasting service) to occur within 24 hours following application.

Following best management practices can help reduce risk to terrestrial pollinators. Examples of best management practices include applying pesticides in the evening and at night when pollinators are not foraging and avoiding applications to flowering plants. For additional resources on pollinator best management practices, visit <https://www.epa.gov/pollinator-protection/find-best-management-practices-protect-pollinators>.

Reporting Ecological Incidents: To report ecological incidents, including mortality, injury, or harm to plants and animals, call 888-583-5296.

Mix **HI-YIELD® 55% MALATHION SPRAY** with water in accordance to directions given below and spray thoroughly covering all plant parts. Apply using a hose-end or tank sprayer.

PEACHES AND PEARS: For control of **Codling Moth, Plum Curculio**, apply at petal fall and every 11 to 14 days up to 2 applications. Controls **Oriental Moth, Plum Curculio** on Peaches; for **Codling Moth, Plum Curculio** and **Redbanded Leafroller** on Pears use 2 tablespoons per gallon of water. Full coverage spray application should be made. Make no application to Pears within 3 days of Harvest, or to Peaches within 7 days of Harvest. This spray application may cause injury to Bosc Pears.

Do not apply this product within 3 days prior to bloom, during bloom, or until petal fall is complete.

TOMATOES, CABBAGE, AND POTATOES: To control **Spider Mites** and **Aphids** on Tomatoes, Cabbage and Potatoes use 1½ teaspoons per gallon of water. Spray over all to get complete coverage. Do not apply within 7 days of Harvest. The minimum application interval is 7 days. Do not apply more than 8 times per year.

OUTDOOR ORNAMENTALS (ornamental herbaceous plants, ornamental non-flowering plants, ornamental woody shrubs): To control **Lace Bug, Euonymous Scale, Aphids, Mealybugs, Spider Mites, Whiteflies, Fourlined Leaf Bug, Japanese Beetle Adult, Potato Leafhopper, Tarnished Plant Bug, Thrips, Rose Leafhopper, and Scurfy Scale**, mix 1½ teaspoons per gallon of water and spray thoroughly. Do not use on certain species of Crassula, and sensitive Ferns such as Maidenhair, Boston and Pteris. On Ornamentals to control **Birch Leafminer, Boxwood Leafminer, Bagworms, Tent Caterpillar, Azalea Scale, Pine Leaf Scale, and Soft Scale**, mix 2 teaspoons per gallon of water and spray thoroughly.

- The minimum application interval is 10 days.
- Do not apply more than 2 times per year.
- Spot treatment only

STORAGE AND DISPOSAL

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

Pesticide Storage: **HI-YIELD® 55% MALATHION SPRAY** should be stored in the original unopened container in a secure dry place. Do not contaminate with other pesticides or fertilizers. The product should never be heated above 55°C (131°F), and should not be **stored for long periods of time at temperature in excess of 25°C (77°F).**

Pesticide Disposal: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Disposal: **If empty: Non refillable container.** Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

[EPA Approval Date]