



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 23, 2023

Michael Sarli
Sr. Director Regulatory
Celex, Division of United Industries Corporation
P.O. Box 142642
St. Louis, MO 63114

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: Super K-GRO Malathion 50 Insect Spray
EPA Registration Number: 46515-19
Application Dates: 5/9/2022 and 8/29/2022
Decision Numbers: 584512 and 589929

Dear Michael Sarli:

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

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EPA Reg. No. 46515-19
Decision No. 584512 and 589929

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 stylized flourish at the end.

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

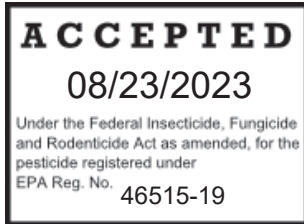
Enclosure

Super K-GRO

Malathion 50 Insect Spray

[Controls listed insects in and around garden • Makes up to 48 gallons of spray • Kills listed leaf eating insects • Protects listed ornamentals, [flowers, shrubs,] fruits and vegetables from aphids, red spider mites, mealybugs, thrips, scales, whiteflies and other listed unwanted insects • Kills listed insects on roses, flowers, shrubs, vegetables and fruits]

For homeowner outdoor residential use only.



Active Ingredients:
Malathion:50%
Other Ingredients* 50%
TOTAL100%
*Contains Xylene range aromatic solvent.

Keep Out of Reach of Children

CAUTION See back for First Aid and Precautionary Statements

NET CONTENTS 1 pint/473 mL [1 quart/946 mL]
1 pint contains 0.53 lbs. of Malathion
[1 quart contains 1.07 lbs. of Malathion]

OPTIONAL PRODUCT FACT BOX

What It Does:

Protects listed ornamentals, fruits and vegetables from aphids, red spider mites, mealybugs, thrips, scales, whiteflies and other listed unwanted insects

Where to Use:

Outdoors on Roses, Flowers, Shrubs, Vegetables and Fruits

Questions & Comments:

Call 1-800-917-5438 or visit our website at www.spectracide.com

[PESTS CONTROLLED

Aphids, Bagworms, Box elder bugs, Fourlined leaf bugs, Japanese beetle adults, Grape leafhoppers, Leafhoppers (Bean, Potato), Leafrollers (Fruittree, Red-banded, Strawberry), Moths (Bud, Codling), Oak kermes, Pear psyllids, Plum curculio, Rose leafhoppers, Scales (Black, Fletcher, Florida red, Juniper, Oyster shell, Purple, Soft brown, Yellow), Scale crawlers, Spittlebugs, Tarnished plant bugs, Tent caterpillars, Thrips, Whiteflies, Wooly aphids.]

[OPTION FOR BOOKLET LABEL

PEEL HERE
STOP. READ ALL INSTRUCTIONS
INSIDE BEFORE USING.

See directions inside booklet



STOP. READ ENTIRE LABEL BEFORE USE.

DIRECTIONS FOR USE

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

Precautions and 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.
- For outdoor use around the home only. Do not use on lawns.
- Do not use this product in or on electrical equipment due to the possibility of shock hazard.

- This product is non-staining to most home siding depending on age and cleanliness. However, before using in areas where the spray may contact home siding (vinyl siding in particular), test in an inconspicuous area and re-check in a few hours. Do not use if any staining is observed.
- To avoid damage or poor results carefully read and follow all directions and precautionary statements
- Use with adequate ventilation.
- 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 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 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>.

HOW TO MIX AND APPLY

In a tank sprayer, mix the specified amounts of this product in water until the spray mixture is uniform. Spray thoroughly covering both upper and lower leaf surfaces or other infested plant parts. Begin treating when insects first appear.

FLOWERS AND BUSHES

For use on Azaleas, Camellias, Chrysanthemums, Evergreens, and Roses.

Spot treatment only

Do not apply more than two applications per year. Minimum retreatment interval is 10 days.

[PESTS:]

To control Aphids, mix 1-1/2 to 2 teaspoons per gallon of water.

To control Bagworms, Box elder bugs, Fourlined leaf bugs, Japanese beetle adults, Mealybugs, Mites (Red spider, Spruce), Rose leafhoppers, Tarnished plant bugs, Thrips, Whiteflies, Woolly aphids; mix 1 tablespoon per gallon of water.

To control Scales (Black, Oyster shell, Soft brown); mix 1-1/2 to 2 tablespoons per gallon of water.

For control of Oak kermes and Scales (Juniper, Fletcher); use 2 teaspoons per gallon of water.

NOTE: Do not use on Boston, Maidenhair, Petris ferns, as well as species of Crassula. Do not apply to Petunias. [NOTE: Do not use on Boston, Maidenhair or Petris Ferns, Crassula or Petunias.]

FRUITS AND VEGETABLES

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.

FRUITS

Observe pre-harvest intervals as noted below:

Apricots: Do not apply within 6 days of harvest.

Cherries: Do not apply within 3 days of harvest.

Grapes: Do not apply within 3 days of harvest.

Peaches: Do not apply within 7 days of harvest.

Strawberries: Do not apply within 3 days of harvest.

[PESTS:]

To control Aphids, mix 1-1/2 to 2 teaspoons per gallon of water.

To control Fourlined leaf bugs, Grape leafhoppers, Japanese beetle adults, Leafrollers (Fruit tree, Red-banded, Strawberry), Mealybugs, Moths (Bud, Codling), Pear psyllids, Plum curculio, Red spider mites, Tarnished plant bugs, Tent caterpillars, Thrips, Whiteflies and Woolly aphids; mix 1 tablespoon per gallon of water.

To control Scale crawlers, mix 1-1/2 – 2 tablespoons per gallon of water.

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

NOTE: Malathion may cause injury to Ribier grapes.

CITRUS

Observe pre-harvest intervals as noted below:

Grapefruit, Lemons, Limes, Oranges and Tangerines: Do not apply within 7 days of harvest.

[PESTS:]

To control Aphids and Scales (Black, Florida red, Purple, Yellow), Thrips and Whiteflies; mix 2 teaspoons per gallon of water. Thorough coverage of branches

and upper and lower leaf surfaces is necessary to control insects. Do not apply this product within 3 days prior to bloom, during bloom, or until petal fall is complete.

VEGETABLES

Observe pre-harvest intervals as noted below:

Beans: Do not apply within 1 days of harvest.

Broccoli, Brussels Sprouts, Cauliflower: Do not apply within 2 days of harvest.

Cabbage: Do not apply within 7 days of harvest.

Kale: Do not apply within 7 days of harvest.

Lettuce (Head): Do not apply within 14 days of harvest.

Lettuce (Leaf): Do not apply within 14 days of harvest.

Peas: Do not apply within 3 days of harvest.

Potatoes: Do not apply within 0 days of harvest.

Radishes: Do not apply within 7 days of harvest.

Squash (summer and winter): Do not apply within 1 days of harvest.

Tomatoes: Do not apply within 1 days of harvest.

[PESTS:]

To control Aphids, mix 1-1/2 to 2 teaspoons per gallon of water.

To control Fourlined leaf bugs, Japanese beetle adults, Leafhoppers (Bean, Potato), Mealybugs, Red spider mites, Tarnished plant bugs, Thrips and Whiteflies; mix 1 tablespoon per gallon of water.

- To avoid damage or poor results carefully read and follow all directions and precautionary statements
- Spray thoroughly covering both upper and lower leaf surfaces or other infested plant parts. Begin treating when insects first appear. Thorough coverage is important.
- Use with adequate ventilation.
- 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 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.

Following best 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-est-management-practices-protect-pollinators>.

HOW TO USE

USING THE READY SPRAY NOZZLE

1. **Shake the container well before using.**
2. Connect a garden hose to the Ready Spray nozzle. Make sure the dial on the nozzle is in the "OFF" POSITION with the safety tab in the valve notch.
3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet so you don't come in contact with the treated area.
4. To BEGIN spraying, point nozzle toward plants to be treated and 1.) bend the safety tab back with your thumb, 2.) using your other hand QUICKLY turn the dial clockwise until it stops. Water will automatically mix with the product.
5. Spray until wet to control insects listed. Walk at a steady pace while spraying using even sweeping motion, slightly overlapping treated areas. One quart will treat 6,400 sq. ft. Calculate square feet by multiplying length by width. Refer to sight gauge to guide coverage (example: when bottle is half empty, you should have covered half the area.)
6. To STOP spraying, QUICKLY turn the dial in the opposite direction of "ON" until it stops and the safety tab engages the notch on the valve. Turn water off at faucet. To relieve pressure before removing nozzle from hose, bend the safety tab back and turn dial "ON" until water stops spraying.

OPTIONAL READY SPRAY NOZZLE DIRECTIONS



STOP. READ ENTIRE LABEL BEFORE USE.

DIRECTIONS FOR USE

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

Precautions and 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.
- For outdoor use around the home only. Do not use on lawns.
- Do not use this product in or on electrical equipment due to the possibility of shock hazard.
- This product is non-staining to most home siding depending on age and cleanliness. However, before using in areas where the spray may contact home siding (vinyl siding in particular), test in an inconspicuous area and re-check in a few hours. Do not use if any staining is observed.

[Bracketed Text] = Optional language

7. To STORE unused product, make sure the dial is in the "OFF" position with the safety tab in the valve notch. Place in a cool area away from heat, sunlight or open flame.

FLOWERS AND SHRUBS

FOR Azaleas, Camellias, Chrysanthemums, Evergreens and Roses.

Spot treatment only

Do not apply more than two applications per year.

Minimum retreatment interval is 10 days.

CONTROLS Aphids, Bagworms, Box elder bugs, Fourlined leaf bugs, Japanese beetle adults, Mealybugs, Mites (Red spider, Spruce), Oak kermes, Rose leafhoppers, Scales (Black, Fletcher, Juniper, Oyster shell, Soft brown), Tarnished plant bugs, Thrips, Whiteflies, Woolly aphids.

NOTE: Do not use on Boston, Maidenhair, Petris ferns, as well as species of Crassula. Do not apply to Petunias. [NOTE: Do not use on Boston, Maidenhair or Petris Ferns, Crassula or Petunias.]

FRUITS AND VEGETABLES

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.

FRUITS

Observe pre-harvest intervals as noted below:

Apricots: Do not apply within 6 days of harvest.

Cherries: Do not apply within 3 days of harvest.

Grapes: Do not apply within 3 days of harvest.

Peaches: Do not apply within 7 days of harvest.

Strawberries: Do not apply within 3 days of harvest.

CONTROLS Aphids, Fourlined leaf bugs, Grape leafhoppers, Japanese beetle adults, Leafrollers (Fruit tree, Red-banded, Strawberry), Mealybugs, Moths (Bud, Codling), Pear psyllids, Plum curculio, Red spider mites, Scale crawlers, Spittlebugs, Tarnished plant bugs, Tent caterpillars, Thrips, Whiteflies and Woolly aphids

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

NOTE: Malathion may cause injury to Ribier grapes.

VEGETABLES

Observe pre-harvest intervals as noted below:

Beans: Do not apply within 1 days of harvest.

Broccoli, Brussels Sprouts, Cauliflower: Do not apply within 2 days of harvest.

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Kale: Do not apply within 7 days of harvest.

Lettuce (Head): Do not apply within 14 days of harvest.

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Peas: Do not apply within 3 days of harvest.

Potatoes: Do not apply within 0 days of harvest.

Radishes: Do not apply within 7 days of harvest.

Squash (summer and winter): Do not apply within 1 days of harvest.

Tomatoes: Do not apply within 1 days of harvest.

CONTROLS Aphids, Fourlined leaf bugs, Japanese beetle adults, Leafhoppers (Bean, Potato), Mealybugs, Red spider mites, Tarnished plant bugs, Thrips and Whiteflies

{Note to reviewer: The following text will appear on both sub labels (concentrate and ready spray).}

STORAGE AND DISPOSAL

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

Pesticide Storage: This product 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 a 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. Never place unused product down any indoor or outdoor drain.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap after handling. Remove and wash contaminated clothing before reuse. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

First Aid
<p>If Swallowed: 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.</p> <p>If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.</p> <p>If in Eyes: 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.</p>
<p>NOTE TO PHYSICIAN: This product contains a cholinesterase inhibitor. Atropine is antidotal. 2-PAM may also be given in conjunction with Atropine. My pose an aspiration pneumonia hazard. Contains petroleum distillate.</p>
<p>Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment. You may also contact 1-800-917-5438 for emergency medical treatment advice.</p>

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

Reporting Ecological Incidents: To report ecological incidents, including mortality, injury, or harm to plants and animals, call 1-800-917-5438.

Physical or Chemical Hazards – Combustible: Do not use or store near heat or open flame.

Guaranteed Results Kills Garden Insect as listed*. *Guaranteed Results or Your Money Back. If you are not satisfied with this product for any reason, send your written request for a refund to the address below, together with the original dated store receipt showing the price you paid. Please allow 6-8 weeks for processing.

[WARNING: This product contains a chemical known to the State of California to cause cancer.]

[Note: This product is marketed by supplemental distributors. The following Guarantees will be used accordingly]

[For use on Spectracide: Guaranteed Results Kills Garden Insect as listed*. *Guaranteed Results or Your Money Back. If you are not satisfied with this product for any reason, send your written request for a refund to the address below, together with the original dated store receipt showing the price you paid. Please allow 6-8 weeks for processing.]

[For use on ACE brand products only: Ace Promise Satisfaction Guaranteed*. *The ACE Promise: If this Ace product when used for its intended purpose, fails to give you complete satisfaction, return the item to the Ace Hardware store where purchased for the replacement of the same or similar item.]

NOTICE: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.

Question or comments? Call 1-800-332-5553

Celex, Division of United Industries Corporation
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 St. Louis, MO 63114-0642
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