



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 23, 2023

Edward Bockrath
Product Registration Manager
FMC Corporation
Stine Research Center
1090 Elkton Road
Newark, Delaware 19711

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: Fyfanon Technical
EPA Registration Number: 4787-5
Application Dates: 6/24/2022 and 7/28/2022
Decision Numbers: 585479 and 589940

Dear Edward Bockrath:

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.

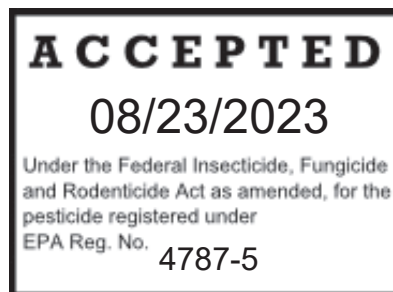
Sincerely,

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

Fyfanon Technical
EPA Reg. No. 4787-5



STOP! READ THE LABEL

FYFANON® TECHNICAL
An Insecticide and Miticide for Formulating Use Only

ACTIVE INGREDIENTS:

Malathion: 0,0-dimethyl phosphorodithioate of diethyl mercaptosuccinate 96.5%

OTHER INGREDIENTS: 3.5%

TOTAL 100%

This product contains 9.9 pounds of Malathion per gallon

EPA Reg. No. 4787-5

EPA Est. No. 4787-DNK-001

Net Contents:

**Product of Denmark
Manufactured by
Cheminova A/S
DK 7620 Lemvig Denmark
Phone (+45) 96 90 96 90 [Fax (+45) 96 90 96 91]**

®FYFANON is a registered trademark of Cheminova

**KEEP OUT OF REACH OF CHILDREN
CAUTION / PRECAUCION**

**IN CASE OF A MEDICAL EMERGENCY INVOLVING THIS PRODUCT
CALL TOLL FREE DAY OR NIGHT 1-800-331-3148**

[SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS]

[AL USUARIO:] Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente. **[TO THE USER:]** If you cannot read English, do not use this product until the label has been fully explained to you.)

FIRST AID Organophosphate	
IF SWALLOWED:	<ul style="list-style-type: none"> - Call a poison control center or doctor immediately for treatment advice. - Have a person sip a glass of water if able to swallow. - Do not induce vomiting unless told to do so by a poison control center or doctor. - 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 immediately with plenty of water for 15-20 minutes. - 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 an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. - Call a poison control center or doctor for further 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.
<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 1-800-331-3148 for emergency medical treatment information.</p>	
<p>NOTE TO PHYSICIAN: This material is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms including fish and invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NDPES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

This product may only be formulated into registered end-use products with EPA-approved labeling that contains the language and restrictions per “Appendix A, A-C. General Measures - Summary of Label Changes” in the U.S. Fish and Wildlife Service’s malathion nationwide Final Biological Opinion, dated February 28, 2022, and the conservation measures listed in the “Description of the Action” in the National Marine Fisheries Service nationwide Final Revised Biological Opinion: Chlorpyrifos, Diazinon, Malathion, dated June 30, 2022.

RESTRICTIONS:

- This product cannot be formulated into end use products that are formulated as a pressurized (i.e., aerosol) can.
- Any ULV end use products formulated for use for aerial applications, other than those with directions for use in Wide Area Mosquito Adulticide applications, must be packaged in closed mixing and loading systems.
- All wettable powders (WP) formulations must be packaged in water soluble packaging.
- This product cannot be formulated into end use products formulated as a dust with directions for use in residential settings.

This product may only be formulated into registered end-use products with EPA-approved labeling that contain the following language (*to be placed at the beginning of the “Directions for Use” section of all end-use product labels*):

ENDANGERED SPECIES PROTECTION REQUIREMENTS: It is a Federal offense to use any pesticide in a manner that results in an unauthorized “take” (e.g., kill or otherwise harm) of an endangered species, and certain threatened species, under the Endangered Species Act section 9. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the area in which you are applying the product. You must obtain a Bulletin no earlier than six months before using this product. To obtain Bulletins, consult <http://www.epa.gov/espp/>, call 1-844-447-3813, or ESPP@epa.gov. You must use the Bulletin valid for the month in which you will apply the product.

This product may only be formulated into registered end-use products with EPA-approved labeling that contain the following language (*to be placed at the beginning of the “Directions for Use” section, after the Endangered Species Protection Requirements section of all end-use product labels, and at the beginning of the “Environmental Hazards” section of all end-use product labels*):

Reporting Ecological Incidents: To report ecological incidents, including mortality, injury, or harm to plants and animals, call [registrant phone number].

Only for formulation into an insecticide for the following use(s):

(1) The following uses:

TERRESTRIAL FOOD/FEED CROPS:

Alfalfa	Cauliflower	Garlic	Mango	Pecan	Sweet Potatoes
Apples	Celery	Gooseberry	Melon	Peppers	Swiss chard
Apricot	Chayote	Grapes	Mint	Peppermint	Tangerine
Asparagus	Cherry (sweet and tart)	Grapefruit	Mushroom	Pineapple	Tangelo
Avocado	Chestnut	Grass	Mustard Greens	Potato	Tomato
Barley	Clover	Guava	Nectarine	Pumpkins	Trefoil (birdsfoot)
Beans* (dry and succulent)	Collards	Hops	Oats	Quince	Turnip
Beets, Garden	Corn (Field)	Horseradish	Okra	Radish	Vetch
Blackberry	Corn (pop)	Kale	Onion, bulb	Rangeland	Walnuts
Blueberry	Corn (sweet)	Kohlrabi	Onion, green	Raspberry	Watermelons
Boysenberry	Cotton	Kumquat	Orange	Rutabaga	Wheat
Broccoli	Cucumber	Leek	Papaya	Rye	Yams
Broccoli, Chinese	Currant	Lemon	Parsley	Salsify	
Broccoli Raab (Rapini)	Dandelion	Lespedeza	Parsnip	Shallot	
Brussels sprouts	Dewberry	Lettuce (head and leaf)	Passion Fruit	Sorghum*	
Cabbage	Eggplant	Lime	Pastureland	Spearmint	
Cabbage, Chinese	Endive	Loganberry	Peas	Spinach	
Cantaloupe	Figs	Lupine	Peach	Squash	
Carrot, roots	Flax	Macadamia Nut	Pear	Strawberry	

*When formulating FYFANON TECHNICAL for use on beans and sorghum, the resultant crop foliage of beans (forage and straw/hay) and sorghum (fodder/stover and forage) cannot be used as livestock feed. In addition, livestock grazing is not permitted for the foliage of beans and sorghum treated with any formulation of FYFANON TECHNICAL.

TERRESTRIAL NON-FOOD CROPS:

Christmas tree plantations, ornamental herbaceous plants, ornamental and/or shade trees, ornamental woody shrubs and vines, pine seed orchards, and uncultivated non-agricultural areas/soil.

DOMESTIC AND NON-DOMESTIC OUTDOOR:

Garbage dumps, outdoor domestic dwellings, wide area and general outdoor treatment (for flying insects).

NONDOMESTIC INDOOR STORED (SILOS, GRAIN ELEVATORS) COMMODITY TREATMENT:

Stored commodities (corn, barley, oats, rye, and wheat).

AQUATIC FOOD CROPS¹:

Rice, Wild Rice, Watercress

¹RESTRICTION: When formulating FYFANON TECHNICAL for use on these crops, the following statement applies: "Broadcast use only over intermittently flooded areas. Application may not be made around bodies of water where fish or shellfish are grown and/or commercially harvested."

(2) Uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration (which are not prohibited); and

(3) Uses for experimental purposes that are in compliance with USEPA requirements.

Before using for experimental purposes, manufacturers should contact CHEMINOVA for manufacturing and safe handling instructions.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: FYFANON TECHNICAL 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, empty all material into mix tank or manufacturing equipment according to label directions. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

Nonrefillable containers equal to or less than 5 gallons

Nonrefillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into manufacturing equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into manufacturing equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Nonrefillable containers greater than 5 gallons

Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into manufacturing equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into manufacturing equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Refillable containers:

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into manufacturing equipment or a mix tank. Fill the container 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into manufacturing equipment or a mix tank or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

NOTICE

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, to the extent consistent with applicable law, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

CHEMINOVA specifically disclaims any implied warranties of merchantability and fitness for a particular purpose in the case of any use of this product not listed in paragraph (1) above. No express or implied warranties, including warranties of merchantability or fitness for a particular purpose, apply in the case of any use not listed in paragraph (1) above, whether or not such use has been supported by data submitted by any other person, including any other registrant, and to the extent consistent with applicable law. CHEMINOVA shall not be liable to any person for any damages, including any damage to crops, phytotoxicity, or lack of efficacy, in the case of any use of this product not listed in paragraph (1) above, nor is CHEMINOVA liable for any consequential damages resulting from such use.

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