



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 10, 2023

Frederick T. Smith
Agent for Eden
c/o SciReg, Inc.
12733 Director's Loop,
Woodbridge, VA 22192

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Add use site; Add Use Restrictions for California section
Product Name: Mevalone
EPA Registration Number: 92331-1
Application Date: 03/16/2023
OPP Case Number: 00440895

Dear Mr. Smith:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this 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 18 months from the date of this letter. After 18 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.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA find or if it is brought to our attention that a website contains false

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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 Assurance.

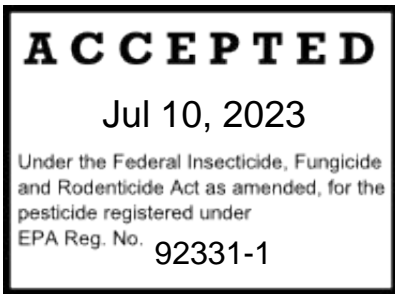
Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact James Parker via email at parker.james@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland". The signature is fluid and cursive, with a prominent initial "A" and "B".

Andrew Bryceland, Product Manager
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511M)
Office of Pesticide Programs



GROUP	BM 01	FUNGICIDE
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Mevalone

(Alternate brand names: 3Logy, Trisoprene, and 3AEY)

For the preventative and curative control of grey mold (*Botrytis cinerea*) and powdery mildew (*Erysiphe* spp.) on grapevines.

ACTIVE INGREDIENTS:

Eugenol	3.21%
Geraniol	6.42%
Thymol	6.42%
OTHER INGREDIENTS:	<u>83.95%</u>
	TOTAL 100.00%

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EPA Est. No. [60063-GA-1]

NET CONTENTS: [1 gal, 2 gal, 2 gal 19 oz, 2.5 gal, 3 gal, 4 gal, 5 gal, 5 gal 38 oz, 10 gal, 30 gal, 55 gal]

Keep Out Of Reach Of Children

WARNING

FIRST AID	
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 SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have 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.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For Emergencies involving a Spill, Leak, Fire, Exposure, or Accident, Contact: CHEMTREC at (800) 424-9300. For product usage information, phone toll free at (800) 223-3258 from 9:00 AM to 5:00 PM Eastern time.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through skin. **DO NOT** get in eyes, on skin, or on clothing. Wear goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All applicators and handlers must wear:

- Coveralls worn over short-sleeved shirt and short pants
- Chemical-resistant footwear
- Socks
- Waterproof or Chemical-resistant gloves
- Goggles, face shield, or safety glasses

For overhead exposure, wear chemical-resistant headgear. When cleaning equipment, wear a chemical-resistant apron.

USER SAFETY RECOMMENDATIONS

User should:

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

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. DO NOT contaminate water when disposing of this product.** A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of thymol from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours. This pesticide is toxic to aquatic invertebrates.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **DO NOT** apply when wind speed favors drift beyond the area intended for treatment. **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 requirement specific to your State and Tribe, consult the State/Tribal 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). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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
- Shoes plus socks
- Protective eyewear, and
- Waterproof gloves

DO NOT allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreational areas, non-target crops, aquatic and wetland areas, woodlands, pastures, rangelands or animals.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PRODUCT INFORMATION

Mevalone, an excellent disease control agent when used according to label directions, and is recommended for use in programs which are compatible with the principles of Integrated Pest Management (IPM), which include the use of disease-resistant crop varieties, cultural practices, pest scouting, and disease forecasting systems which reduce unnecessary applications of pesticides. Mevalone is effective for strategic use in programs that attempt to minimize disease resistance to fungicides. Mevalone, with multiple modes of action, FRAC group BM 01, may be used to delay or prevent the development of resistance to single-site fungicides. Consult with your Federal or State Cooperative Extension Service representatives for guidance on the proper use of Mevalone in programs which seek to minimize the occurrence of disease resistance to other fungicides.

Resistance Management Recommendations

For resistance management, please note that Mevalone contains a Group BM 01 fungicide. Fungal isolate strains with acquired resistance to Group BM 01 may eventually dominate the fungal population if Group BM 01 fungicides are used repeatedly in the same field or successive years as the primary method of control for targeted species. This may result in partial loss of control of those species by Mevalone or other Group BM 01 products.

To delay fungicide resistance, consider the following steps:

- Avoid the consecutive use of Mevalone or other Group BM 01 fungicides that have a similar target site of action on the same pathogens.
- Use tank mixtures or premixes with fungicides from different action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern.
- Adopt a comprehensive IPM program for fungicide use.
- Monitor treated fungal populations for loss of field efficacy.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and resistant pathogens.
- For further information or to report suspected resistance, you may contact your pesticide distributor or company at www.cev.com.pt/contact.us.

Spray Drift Management

The interaction of many equipment and weather-related factors determine the potential for spray drift. The applicator is responsible for considering all of these factors when making application decisions. Avoiding spray drift is the responsibility of the applicator.

Aerial applications are prohibited when using this product.

For Boom Spray Applications:

Use nozzles producing medium to coarse (Volume Median Diameter of 226 to 400 microns) droplet category. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rates are properly calibrated.

Mixing Instructions

Half fill the spray tank with clean water and start the agitation. Shake the container well before use and pour in the required amount of product. Add the remainder of the water. Use water volumes from 45 to 110 gallons per acre to assure good crop coverage, but avoid run-off.

Application Information:

Apply using tractor-mounted/trailed boom sprayer or hand-held backpack sprayer.

Compatibility:

When tank mixing this product with other pesticides, observe the more restrictive label limitations and precautions. **DO NOT** exceed any label dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing. **DO NOT** combine this product in the sprayer tank with pesticides, surfactants or fertilizers, **unless your prior use has shown the combination is physically compatible, effective and noninjurious under your conditions of use. Tank mixtures of this product with other pesticides, fertilizers and adjuvants should be tested on a small scale for crop safety prior to application to the entire crop.** When an adjuvant is to be used with this product, use a Chemical Producers and Distributors Association (CPDA) certified adjuvant.

Conduct a tank spray compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, and then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding products to the spray tank.

Use Instructions:

Crop	Disease	Product Dose Per Application Fl. Oz./Acre	Directions
Grape (table, wine, raisin)	Grey mold (<i>Botrytis cinerea</i>)	22-55	Begin application at flowering stage and continue throughout the season until shortly before harvest, following the resistance management guidelines. Use water volumes to assure good crop coverage but avoid water run-off.
	[*]Powdery mildew (<i>Erysiphe</i> spp.)		Start application at pre-flowering stage, when shoots are 12-18 inches. Repeat applications at 21-day intervals under low disease pressure. Reduce interval to 14 days when disease pressure is high and conditions are favorable to Powdery Mildew outbreak. Use an approved adjuvant to assure full canopy coverage; verify chemical and biological compatibility prior to application.

[*Not for use in California.]

USE RESTRICTIONS

- **DO NOT** make more than 4 applications per year.
- Make applications at least 7 days apart.
- **DO NOT** apply later than 3 days before harvest.
- **DO NOT** treat more than 118 acres per day with Mevalone.

[For California only:

- **DO NOT** treat more than:
 - 118 acres per day with Mevalone by groundboom, or
 - 49 acres per day by airblast, or
 - 96 gallons per day of diluted solution by backpack sprayer.
- If a respirator is used, it must be a NIOSH approved particulate respirator with any N, R, or P filter, NIOSH approval number prefix TC-84A or a NIOSH-approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C.]

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original containers only in a secured storage area. Absorb spills onto clay, sand or vermiculite and hold for proper disposal. Protect from excessive heat. Keep from freezing.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: [Container sizes of 5 gallons or less] Non-refillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application 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. Offer for recycling, if available.

Container Handling: [Container sizes greater than 5 gallons] Non-refillable container. **DO NOT** reuse or refill this container. Offer for recycling if available. Triple rinse container or pressure rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ 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 application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration.

Container Handling: 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 application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment 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 incineration, or by other procedures approved by state and local authorities.

WARRANTY AND LIMITATION DISCLAIMER

To the extent consistent with applicable law, Eden Research warrants that at the time of delivery, the product will conform to its chemical description on the label, that it will pass without objection in the trade under the contract description, that seller will convey good title thereto, and that such product will be delivered free from any lawful security interest, lien or encumbrance.

This is the only warranty made on this product. Eden Research EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND, EXCEPT AS SET FORTH IN THE ABOVE PARAGRAPH, ANY OTHER EXPRESS OR IMPLIED WARRANTIES. To the extent consistent with applicable law, buyer assumes all risk of use of this material when such use is contrary to label instructions. Read and follow the label directions carefully.

Manufactured for:
Eden Research plc
67C Innovation Drive
Milton Park
Abingdon
Oxfordshire
OX14 4RQ
UK

[Sold by:
SIPCAM AGRO USA, INC.
2525 Meridian Parkway
Durham, NC 27713]

Optional Marketing Language

- [One jug covers [a minimum of] 5 acres] [Note to EPA: When this text is included, a minimum container size of 2 gallons, 19 ounces will be used.]
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- [Covers [a minimum of] five acres] [Note to EPA: When this text is included, a minimum container size of 2 gallons, 19 ounces will be used.]
- [One container covers [a minimum of] five acres] [Note to EPA: When this text is included, a minimum container size of 2 gallons, 19 ounces will be used.]
- [For control of grey mold on grapevines]
- [For control of powdery mildew on grapevines]

Note: Brackets [] indicate optional language