



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 12, 2023

Kathy Bolan
Regulatory Consultant/US Agent
c/o Pacific Biocontrol
14615 NE 13th Court, Suite A
Vancouver, WA 98685-1451

Subject: PRIA (Pesticide Registration Improvement Act) Labeling and Formulation Amendment – Amending the Basic CSF with a new source of the oriental fruit moth active ingredients and updating the address of the producer. The percentages of the oriental fruit moth active ingredients in the ingredient statement of the label have been revised to match the updated Basic CSF.
Product Name: ISOMATE CM/OFM TT
EPA Registration Number: 53575-30
EPA Receipt Date: 4/17/2023
Action Case Number: 00448202

Dear Ms. Bolan:

The amended labeling and Confidential Statement of Formula (CSF) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are 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.

Please note that the record for this product currently contains the following acceptable CSF:

- Basic CSF dated 04/11/2023.

Any CSFs other than that listed above are superseded/no longer valid.

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 EPA may consider false or misleading.

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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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to 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 Sydnie Hetzel by phone at (202) 566-1606 or via email at hetzel.sydney@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland". The signature is fluid and cursive, with the first name being the most prominent.

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

Enclosure

ACCEPTED

Sep 12, 2023

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 53575-30

LOT # _____



ISOMATE® CM/OFM TT

A Mating Disruption Formulation for codling moth (*Cydia pomonella*), oriental fruit moth (*Grapholita molesta*), macadamia nut borer (*Cryptophlebia ombrodelta*), koa seedworm (*Cryptophlebia illepipa*), lesser appleworm (*Grapholita prunivora*)

Active Ingredients:	
(E, E)-8, 10-Dodecadien-1-ol.....	58.40 %
Dodecanol	9.23 %
Tetradecanol.....	1.87 %
Z-8-Dodecen-1-yl Acetate	21.33 %
E-8-Dodecen-1-yl Acetate	1.30 %
Z-8-Dodecen-1-ol	0.21 %
Other Ingredients	7.66 %
Total	100.00 %
423.58 mg active ingredients per dispenser.	

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**
Avoid contact with skin, eyes or clothing. Harmful if absorbed through skin. Causes moderate eye irritation. After handling, wash thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Wear chemical resistant gloves.

FIRST AID STATEMENT	
If on Skin or Clothing:	<ul style="list-style-type: none"> Remove contaminated clothing. Immediately rinse skin for 15-20 minutes using plenty of water. Contact a poison control center or doctor for treatment advice
If in Eyes:	<ul style="list-style-type: none"> Hold eyes open, slowly and gently rinse with water for 15-20 minutes. If wearing contact lenses, rinse eyes for 5 minutes, remove contact lenses, then continue rinsing. Contact a poison control center or doctor for treatment advice.
Hot Line Number:	<ul style="list-style-type: none"> Have the product container or label with you when contacting a poison control center or doctor or going for treatment. You can call the poison control center at 1-800-222-1222. You may also contact Pacific Biocontrol at 1-800-999-8805 for additional information.

ENVIRONMENTAL HAZARDS
For terrestrial uses: Do not apply directly to water, 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.

Pacific Biocontrol Corporation
14615 NE 13th Court, Suite A, Vancouver, WA 98685 U.S.A.
Telephone (360) 571-2247 or 1-800-999-8805
www.pacificbiocontrol.com

Made in Japan **Net Contents:**400 Dispenser Units
EPA Est. No: 47265-JPN-01 One dispenser contains 0.018 fl oz or 458.72 mg
EPA Reg. No: 53575-30 Total content of package: 7.13 fl oz or 183.49 g

ISOMATE® is a registered Trademark of Pacific Biocontrol Corp.

ISOMATE CM/OFM TT
 EPA Reg. No. 53575-30
 EPA Amended Label: 04/11/2023

DIRECTIONS FOR USE	
It is a violation of Federal law to use this product in a manner Inconsistent with its labeling.	
It is CRITICAL that ISOMATE CM/OFM TT is applied as directed.	
Crops	Apples, pears, quince and other pome fruits; peaches, nectarines, apricots, prunes, plums, cherries and other stone fruits; walnut, almond, pecan, macadamia and other tree nut crops.
Target Pests	Codling moth (<i>Cydia pomonella</i>), oriental fruit moth (<i>Grapholita molesta</i>), macadamia nut borer (<i>Cryptophlebia ombrodelta</i>), koa seedworm (<i>Cryptophlebia illepidia</i>), lesser appleworm (<i>Grapholita prunivora</i>).
Rate	200 dispensers per acre (3.29 fl oz or 84.72 gm a.i. per application). Apply double rate of dispensers to edges of orchard. Do not exceed 150 gm a.i. (or 354 dispensers) per acre per year.
Application	Place dispensers on lateral branches in upper third of tree canopy. Apply dispensers uniformly in the treated area.
Timing	Apply prior to moth emergence in the spring. In late crop varieties with high pest populations, a second application is necessary. If a second application is required, consult your local pest control advisor or Pacific Biocontrol representative for proper timing or estimated dispenser longevity in your area.
Note	<p>ISOMATE CM/OFM TT suppresses mating of target pests. Immigration of mated female moths of these species from adjacent external sources of infestation will reduce the level of control. Manage by:</p> <ol style="list-style-type: none"> a. Treatment of external sources of infestation with ISOMATE CM/OFM TT. b. Treatment of external sources of infestation with an effective insecticide. c. Treatment of pheromone treated orchard with insecticide. <p>Areawide application is most effective. Supplementary applications of insecticide are advised when ISOMATE CM/OFM TT is used in orchards with high pest populations. All pests must be monitored so that timely intervention with insecticides is possible.</p>
STORAGE AND DISPOSAL	
Do not contaminate water, food or feed by storage or disposal.	
Pesticide Storage	Store in original unopened package in a dry location at temperatures below 40°F. To prevent contamination with food or feed, store only unopened product packages in cold storage facilities that are used for food or feed.
Pesticide Disposal	Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.
Container Disposal	Nonrefillable container. Do not reuse or refill this container. Dispose of empty foil packet in the trash.

WARRANTY AND LIMITATION OF DAMAGES	
<p>The directions for use of this product are believed to be adequate and must followed carefully. Pacific Biocontrol Corporation warrants that the product complies with the specifications expressed in this label. To the extent consistent with applicable law, Pacific Biocontrol Corporation makes no other warranties, and disclaims all other warranties, expressed or implied, including but not limited to warranties of merchantability and fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. To the extent consistent with applicable law, Pacific Biocontrol Corporation's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Pacific Biocontrol Corporation shall have no liability for damages (special, consequential or incidental) that result from handling, storage and use of this product, which is not in compliance with the label. Use of this product implies all directions of this label have been read carefully. Read all directions carefully.</p>	