



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 23, 2022

Ms. Kathy A. Bolan  
Regulatory Consultant  
Pacific Biocontrol Corp.  
14615 NE 13<sup>th</sup> Ct., Suite A  
Vancouver, Wash. 98685

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – adding new pests and crops to label  
Product Name: ISOMATE® P Pheromone  
EPA Registration Number: 53575-17  
EPA Receipt Date: 09/19/2022  
Action Case Number: 00394407

Dear Ms. Bolan:

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 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 the EPA’s Office of Enforcement and Compliance Assurance.

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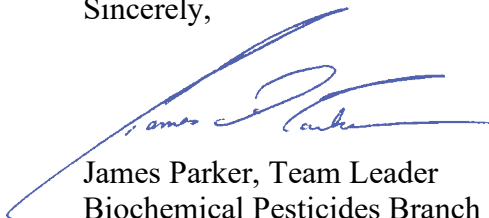
EPA Reg. No. 53575-17

Action Case No. 00394407

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 Nina Naimy via email at [naimy.nina@epa.gov](mailto:naimy.nina@epa.gov).

Sincerely,



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

Enclosure

LOT # \_\_\_\_\_



**ACCEPTED**  
Nov 23, 2022  
Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 53575-17

# ISOMATE® P PHEROMONE

A MATING DISRUPTION FORMULATION FOR GREATER PEACHTREE  
BORER (*SYNANTHEDON EXITIOSA*), LILAC BORER (*PODOSESIA*  
*SYRINGAE*), APPLE CLEARWING MOTH (*SYNANTHEDON*  
*MYOPAEFORMIS*)

<b>Active Ingredients:</b>	
(Z,Z)-3,13 Octadecadien-1-yl Acetate.....	80.37 %
(E,Z)-3,13 Octadecadien-1-yl Acetate.....	3.27 %
<b>Other Ingredients</b> .....	<b>16.36 %</b>
<b>Total</b> .....	<b>100.00 %</b>
31.59 mg active ingredients per dispenser.	

**KEEP OUT OF REACH OF CHILDREN  
WARNING**

**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.

<b>FIRST AID STATEMENT</b>	
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>Remove contaminated clothing.</li> <li>Immediately rinse skin for 15-20 minutes using plenty of water.</li> <li>Contact a poison control center or doctor for treatment advice.</li> </ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Contact a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER:</b>	<ul style="list-style-type: none"> <li>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.</li> <li>You may also contact Pacific Biocontrol at 1-800-999-8805 for additional information.</li> </ul>

**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](http://www.pacificbiocontrol.com)

Made in Japan  
EPA Est. No: 47265-JPN-01  
EPA Reg. No: 53575-17

Net Contents: 500 Dispensers  
One dispenser contains 0.0014 fl oz or 37.80 mg  
Total content of package: 0.72 fl oz or 18.90 g

ISOMATE® is a registered Trademark of Pacific Biocontrol Corporation.

**ISOMATE P Pheromone**  
EPA Reg. No. 53575-17

**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 P Pheromone is applied as directed.**

<b>Crops</b>	Peaches, nectarines, apricots, plums, cherries and other stone fruits; apples, pears and other pome fruits; almonds and other tree nut crops; olives; ornamental nursery crops.
<b>Target Pests</b>	Greater peachtree borer ( <i>Synanthedon exitiosa</i> ), lilac borer ( <i>Podosesia syringae</i> ), apple clearwing moth ( <i>Synanthedon myopaeformis</i> ).
<b>Rate</b>	Minimum of 100 dispensers per acre or 250 dispensers per hectare (0.12 fl oz or 3.16 gm a.i. per acre). Attach one dispenser per tree. Maximum of 250 dispensers per acre or 625 dispensers per hectare (0.30 fl oz or 7.90 gm a.i. per acre). Do not exceed 150 gm a.i. (or 4,747 dispensers) per acre per year.
<b>Application</b>	Place dispensers on lateral branches in mid point of tree canopy. Apply dispensers uniformly in the treated area.
<b>Timing</b>	Apply prior to moth emergence in the spring. If subsequent applications are required, apply prior to the start of subsequent flights. Consult your local pest control advisor or Pacific Biocontrol representative for proper timing or estimated dispenser longevity in your area.
<b>Note</b>	<p><b>ISOMATE P Pheromone</b> 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> <ul style="list-style-type: none"><li>a. Treatment of external sources of infestation with <b>ISOMATE P Pheromone</b>.</li><li>b. Treatment of external sources of infestation with an effective insecticide.</li><li>c. Treatment of pheromone treated orchard with insecticide.</li></ul> <p>Areawide application is most effective. Supplementary applications of insecticide are advised when <b>ISOMATE P Pheromone</b> 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.**

<b>Pesticide Storage</b>	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.
<b>Pesticide Disposal</b>	Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.
<b>Container Disposal</b>	Nonrefillable container. Do not reuse or refill this container. Dispose of empty foil packet in the trash.

**WARRANTY AND LIMITATION OF DAMAGES**

The directions for use of this product are believed to be adequate and must be 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.