

53575-32

3/12/2010

1 of 2

MAR 12 2010

Kathy A. Bolan  
Registration Agent  
Pacific Biocontrol Corporation  
14615 NE 13<sup>th</sup> Court, Suite A  
Vancouver, WA 98685

Subject: Registration Amendment  
EPA Registration No. 53575-32  
Isomate-CM Flex  
CSF and Label Amendment with data and to add Organic use  
Decision # 864702  
Application Dated: September 23, 2009

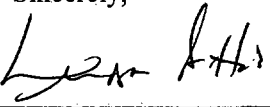
Dear Mrs. Bolan:

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(5), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit three (3) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(b). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

If you have any questions contact Ms. Menyon Adams at 703-347-8496 or by email at: [adams.menyon@epa.gov](mailto:adams.menyon@epa.gov). A stamped copy of the label is enclosed for your records.

Sincerely,  


CONCURRENCES, Chief

SYMBOL	▶ 751P			Biochemical Pesticides Branch			
SURNAME	▶ Adams			Biopesticides and Pollution			
DATE	▶ 03/05/10			Prevention Division (7511P)			

**ACCEPTED**  
MAR 12 2010

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

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

53575-32

**BIOCONTROL**



**ISOMATE®-CM FLEX**

A MATING DISRUPTION FORMULATION FOR CODLING MOTH (*Cydia pomonella*),  
HICKORY SHUCKWORM (*Cydia caryana*)

For Organic Production

**ACTIVE INGREDIENTS:**

(E, E)-8, 10-Dodecadien-1-ol..... 55.45%  
1-Dodecanol..... 30.03%  
1-Tetradecanol..... 6.18%

**OTHER INGREDIENTS** ..... 8.34%

**TOTAL** ..... 100.00 %

157.91 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. Wear chemical resistant gloves and protective eyewear. 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.

**FIRST AID STATEMENT**

- IF ON SKIN:** Remove contaminated clothing.  
**OR** Immediately rinse skin for 15-20 minutes using plenty of water.  
**CLOTHING:** Contact poison control center or doctor for treatment advice.
- IF IN EYES:** 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 poison control center or doctor for treatment advice.

**HOT LINE NUMBER:** Have the product container or label with you when contacting a poison control center or doctor, or going for treatment. For emergency information on this product, call the **National Pesticides Information Center** at 1-800-858-7878, 6:30AM to 4:30PM Pacific time (PT), seven days a week. During other times, 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

MADE IN JAPAN  
EPA Est. No: 47265-JP-01  
EPA Reg. No: 53575-32

**NET CONTENTS:** 400 Dispenser Units  
One dispenser contains 0.007 fl oz or 172.28 mg  
Total content of package: 2.72 fl oz or 68.91 g

ISOMATE® is a registered Trademark of Pacific Biocontrol Corporation.

**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 FLEX is applied as directed.**

**Crops** Apples, pears, quince and other pome fruits; walnut, pecan and other tree nut crops; peaches, prunes, plums, nectarines and other stone fruits.

**Target Pests** Codling moth (*Cydia pomonella*), hickory shuckworm (*Cydia caryana*).

**Rate** Minimum of 200 dispensers per acre (1.25 fl oz or 31.58 g a.i. per application). Maximum of 400 dispensers per acre (2.49 fl oz or 63.16 g a.i. per application). Apply maximum rate of dispensers in orchards that are medium to high-risk, such as moderate to heavily infested orchards, or any orchard adjacent to an untreated orchard. Apply double rate of dispensers to edges of orchard. Do not exceed 150 g a.i. (or 950 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 codling moth emergence in the spring. Consult your local pest control advisor or Pacific Biocontrol representative for proper timing or estimated dispenser longevity in your area.

**Note** Isomate-CM Flex 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:  
a. Treatment of external sources of infestation with Isomate-CM Flex.  
b. Treatment of external sources of infestation with an effective insecticide.  
c. Treatment of pheromone treated orchard with insecticide.

Areawide application is most effective. Supplementary applications of insecticide are advised when Isomate-CM Flex is used in orchards with high pest populations. All pests must be monitored so that timely intervention with insecticides is possible.

**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. Do not store in cold facilities used for food.

**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 packets 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.

2012