

53575-6

8/20/1993

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 20 1993

Ms. Kathy A. Bolan
Biocontrol Limited
719 Second Street, Suite # 12
Davis California, 95616

131 / H46594
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Dear Ms. Bolan:

Subject: Isomate-C Pheromone
EPA Registration No. 53575-6

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable, and a stamped copy is enclosed for your records.

Sincerely yours,



Phil Hutton, PM-18
Insecticide Rodenticide Branch
Registration Division (H7505-C)

CONCURRENCES

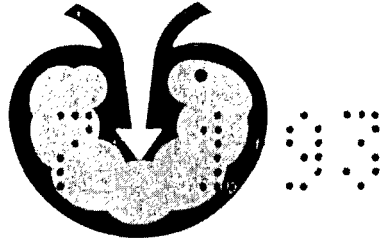
SYMBOL							
SURNAME							
DATE							

ACCEPTED
with COMMENTS
in EPA Letter Dated

AUG 20 1993

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
53575-6

BIOCONT



ISOMATE* - PHEROMONE

ACTIVE INGREDIENTS:	%	CONTENTS:	
E, E-8, 10-Dodecadien-1-ol	51.8	400 Dispenser units	
Dodecanol	29.1	One dispenser contains	0.0061 fl oz
Tetradecanol	6.0		or 155 mg.
Inert Ingredients	13.1	Total content of package:	2.4 fl oz
Total	100.0		or 62 gm.

Keep out of reach of children
WARNING

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes skin irritation. May cause eye injury. Do not get in eyes, on skin, or on clothing. Wear eye protection (such as goggles or safety glasses) and gloves when handling. Do not touch the eyes while handling or attaching the dispensers. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

Do not discharge into lakes, streams, ponds or public waters unless in accordance with NPDES permit. For guidance contact your regional office of the Environmental Protection Agency.

BIOCONTROL LIMITED
719 Second Street, Suite 12
Davis, California 95616, U.S.A.
Telephone (916) 757-2307

EPA Est. No: 47265-JP-01
EPA Reg. No: 53575-6

MADE IN JAPAN

*ISOMATE is a registered Trade Mark of Biocontrol Ltd.

STORAGE AND DISPOSAL

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

Storage	Store unopened package at temperatures below 40° F in a dry location. Isomate-C may be stored in locations used for food products.
Pesticide Disposal	Pesticide that cannot be used according to label instructions must be disposed of according to applicable Federal, State and local procedures.
Container Disposal	Dispose of empty dispensers by burning or burying with prunings in winter. If burned, stay out of smoke. Foil envelopes can be disposed of in household refuse.
General	Consult Federal, State or local disposal authorities for approved alternative procedures.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELLING

It is *critical* that ISOMATE-C be applied as directed.

- 1. Crop** Apple, pear, walnut, quince, prune, plum, peach, and nectarine.
- 2. Pest** Codling Moth (*Cydia pomonella*).
- 3. Rate** 400 dispensers per acre or 1000 dispensers per hectare. Apply double rate of dispensers to edges of orchard.
- 4. Application** Attach dispensers securely to lateral branches, in upper third of tree canopy. Can be applied efficiently from moving trailer.
- 5. Timing** Apply prior to moth emergence in spring. Make additional application of dispensers when needed due to long season and/or high pest pressure.
- 6. Precautions** Isomate-C prevents Codling Moth from mating. However, if a major source of mated female moths of this species is present adjacent to the field, migration of these moths may significantly reduce the level of control achieved. Sources are likely to be unsprayed apple, pear, quince, walnut, plum, prune, crabapple trees or other host species within 300 yards of the treated field.
This can be overcome by:
 - a. Treatment of entire blocks and not just sections of large conventionally treated fields which frequently serve as sources of mated females.
 - b. Treatment of infestation sources with Isomate-C. (e.g. a strip at least 50 yards wide nearest the treated field).
 - c. Treatment of infestation source with an effective insecticide.
 Other pests must be monitored so that timely intervention with conventional insecticides is possible.

WARRANTY AND LIMITATION OF DAMAGES

All statements concerning the use of this product apply only when used as directed. The Manufacturer makes no warranties, expressed or implied, concerning this product or its use, which extend beyond the description on the label. Read all directions carefully.