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70341-1

5/29/98

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division
(7501W) 401 M St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
70341-1

Date of Issuance:
MAY 29 1998

NOTICE OF PESTICIDE:
 X Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
A-9497B Codling Moth
Attract and Kill

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mr. Philipp Kirsh
IPM Technologies
4134 North Vancouver Ave., Suite #305
Portland, OR 97217

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec.3(c)(7)(A) provided you:

1. Submit acceptable response(s) required for reregistration of your product under FIFRA section 4. This includes any required data and/or data citation to support permethrin. (Please note that a permethrin reregistration eligibility decision, RED, document has not been issued at this time.
2. Make the labeling changes below before you release the product for shipment:
 - a. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 70341-1"
 - b. Under the "If On Skin" statement insert: "if symptoms develop" to end of second sentence. Based on a dermal toxicity > 2020 mg/kg and tox category IV for irritation this qualifier is appropriate.
 - c. Based on Tox Cat III/IV profile delete "over long sleeved shirt and long pants" under PPE requirements for early re-entry. Coveralls is all that is required.

Signature of Approving Official: _____

Date: _____

See signature block on next page

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3. Submit five copies of the revised final printed label for the record.

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

A stamped copy of the label is enclosed for your records.

Enclosure

Signature of Approving Official:
Jane L. Andrews

Date:
5/28/98

ACCEPTED
with COMMENTS
In EPA Letter Dated
MAY 29 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
70341-1

LOGO

A-9497B CODLING MOTH ATTRACT AND KILL

An easy-to-apply attracticide product for control of codling moth on apples, pears and walnuts

ACTIVE INGREDIENTS

Permethrin [CAS 52645-53-1].....	6.00%
E,E-8,10-Dodecadienol.....	0.16%

INERT INGREDIENTS.....	93.84%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR PRECAUTIONARY STATEMENTS

READ ALL DIRECTIONS BEFORE USING THIS PRODUCT

IPM Technologies, Inc.
4134 North Vancouver Avenue, Suite #105
Portland, OR 97217

EPA Reg. No. 70341-?

EPA Est. No. 70341-OR-1

Questions ? Telephone (503)-288-2493
Monday through Friday 9 am to 4 pm [PST]

or

Visit www.ipmtech.com

NET CONTENTS: 3.77 oz [107 grams]

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.
IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear long-sleeved shirt and long pants, shoes plus socks, and waterproof gloves. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to bees exposed to direct treatment or residues on flowers or blossoms. Do not apply this product to buds, flowers, or fruit of trees or to blooming weeds. This product is extremely toxic to fish and other aquatic invertebrates. Do not add 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 cleaning equipment or disposing of equipment washwaters.

USER SAFETY RECOMMENDATIONS

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. If gloves are worn, wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store pesticide in original container. Do not store near food or feed. Protect from temperatures below -10°C (14°F). Avoid prolonged storage at temperatures above 35°C (95°F).

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

Container Disposal: Puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

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.

AGRICULTURAL USE REQUIREMENTS

Use this product with its labeling and with the Worker Protection Standard, 40 CFR 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 the label about personal protection equipment (PPE), notification to workers and restricted re-entry intervals. The requirements in this box apply only to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during restricted entry interval (REI) of 12 hours.

PPE is 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 over long-sleeved shirt and long pants
- waterproof gloves
- shoes plus socks

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Directions for Use (cont'd)

1. **Crop:** Apples, pears, Asian pears, walnuts

2. **Pest:** Codling moth (*Cydia pomonella*)

3. **Rate:** The product is supplied in an applicator, calibrated to deliver 50 microliter droplets of product. Depending on the size of the trees, number of trees per acre and the age of the orchard apply 800 to 2,400 drops per acre [2,000 - 6,000 drops per hectare]. Increase application rate by 2 - 4 times in field perimeters.

4. **Application:**

- i) The product is supplied in a sealed canister, and comes with a custom designed pumping head engineered to deliver 50 microliter droplets of formulation. Firmly push the pumping head onto the nozzle end of the canister until it snaps and locks on. This action cuts through the seal in the canister nozzle, then the formulation is primed into the pumping head by pushing on the plunger from the bottom of the canister. Once locked in place, the plunger head cannot be removed.
- ii) One depression of the pump trigger delivers a 50 microliter droplet of formulation; for maximum biological activity maintain spherical shaped droplets.
- iii) Evenly distribute two thirds of the droplets to branches on the upper third of the canopy, and evenly distribute the remaining third of the droplets to branches on the lower third of the canopy. Do not apply droplets to flowers or fruits, apply only to non-vegetative parts of the trees.

5. **Timing:**

- i) Apply immediately prior to start of codling moth emergence in the Spring.
- ii) Droplet releases chermone for up to 40 days depending on environmental conditions.
- iii) Reapply formulation to trees every 28 - 40 days, or at the beginning of each codling moth generation up to a maximum of five applications per season.

6. **Precautions:** A-9497B prevents codling moth from mating. However, if a major source of mated females of this species is present in fields adjacent to the treated area, migration of these moths may significantly reduce the level of control achieved. Sources are likely to be unsprayed apples, pears, Asian pears, walnuts or other host species within 300 yards of the treated field. This can be counteracted by:

- ▶ treatment of entire blocks of orchards and not just sections of large conveniently treated orchards.
- ▶ treatment of infestation sources with A-9497B [eg. a strip at least 50 yards wide adjacent to the treated orchard.
- ▶ treatment of the infestation source with an effective insecticide.

Supplementary applications of insecticide are advised when A-9497B is used to control very high populations of codling moth. Other pests must be monitored so that timely intervention with insecticides is possible.

WARRANTY

Seller warrants that this product conforms to the chemical description and certified limits of active ingredients, and makes no other express or implied warranty including any other express or implied warranty of fitness or merchantability of any kind. Sellers maximum liability for breach of this warranty shall not exceed the purchase price of this product. In no event shall seller be liable for indirect or consequential damages. Buyer assumes all risk of use or handling whether in accordance with directions or not.