

70341-1

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February 2003
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A-9497-B

marketed as

LAST CALL™CM

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-Dodecadien-1-ol [33946-49-9]	0.16%

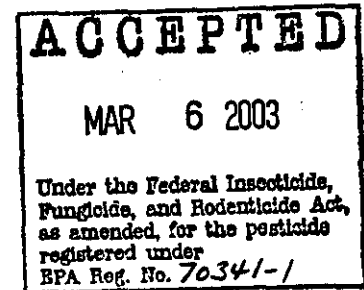
OTHER INGREDIENTS

	93.84%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for precautionary statements
Read all directions before using the product



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EPA Reg. No. 70341-1

EPA Est. No. 70341-OR-1

Questions ? Telephone 503-288-2493
Monday through Friday 9am - 4pm [PST]
or
www.ipmtech.com

Net Contents: 5.29 oz [150 grams]

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

CAUTION

Harmful if absorbed through the skin. Causes moderate eye damage. Avoid contact with skin, eyes or clothing. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

FIRST AID

IF ON SKIN

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 - 20 minutes.
- Call poison control center or doctor for treatment advice

IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing the eye.
- Call poison control center or doctor for treatment advice.

Have product container or label with you when calling a control center or doctor, or going for treatment.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear long sleeved shirts 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 poisonous 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 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. Wash 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 land fill, 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. For any requirement specific to your State or Tribe, consult agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance 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 green houses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exemptions pertaining to the statements on the label about personal protection equipment [PPE] and restricted re-entry levels. 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 re-entry into treated areas during restricted entry interval [REI] of 12 hours.

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 and water, is:

- coveralls
- waterproof gloves
- shoes plus socks

1. **CROP** Apples, Pears, Nashis/Asian Pears and 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 droplets per acre [2000 to 6000 droplets/hectare]. Increase application rate 2 - 4 times in field perimeters.

4. APPLICATION

- [i] The product is supplied in a sealed cannister and comes with a custom designed pump head engineered to deliver 50 microliter droplets of formulation. Firmly push the pump head into the nozzle end of the cannister until it snaps and locks on. Turn the pump head twice around the cannister to cut the seal. This action cuts through the seal in the cannister nozzle, then the formulation is primed into the pumping head by pushing on the plunger from the bottom of the cannister. Once locked in place the cannister 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 on the lower third of the canopy. **Do not apply droplets to flowers or fruits. Apply only to non-vegetative parts of the tree.**

5. TIMING

- [i] Apply immediately prior to start of the codling moth emergence in the spring.
- [ii] Droplet releases pheromone 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.

6. PRECAUTIONS

- [I] Last Call CM prevents codling moth mating by removing male moths from the areas. However, if a major source of mated females of this species is present in areas adjacent to the treated areas, 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 areas. 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 Last Call CM [a strip at least 50 yards wide adjacent to treated orchard].
 - treatment of the infestation source with an effective insecticide.

Supplementary applications of insecticides are advised when Last Call CM is used to control 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 the active ingredients, and makes no other express or implied warranty including any other express or implied warranty of fitness or merchantability of any kind. Seller's maximum liability for breach of this warranty shall not exceed the purchase price of this product. In no event shall the seller be liable for indirect or consequential damages. Buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this product.