



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
71281-2

Date of Issuance:
10-7-98

Term of Issuance
Unconditional

Name of Pesticide Product
Paramount Puffer CM

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Paramount Farming Company
33141 E. Lerdo Highway
Bakersfield, CA 93308

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 unconditionally registered in accordance with FIFRA sec. 3(c)(5) subject to the comments listed below:

1. Make the following label changes:
 - a. Add the phrase "EPA Registration No. 71281-2 to your label before you release the product for shipment
 - b. Add the appropriate Establishment Number to your label before you release the product for shipment
2. Submit five copies of the final printed labeling before you release this product for shipment.

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

Unconditional registration does not eliminate the need for continual reassessment of a pesticide. If EPA determines, at any time, that additional data are required to maintain in effect, an existing registration, the Agency will require submission of such data under Section 3(c)(2)(B) of FIFRA.

Signature of the Approving Official

10-7-98

PARAMOUNT PUFFER CM

Lasts Up to 200 Days

For The Control of Codling Moth
In Apple, Pear and Walnut Orchards

For Agricultural Use

Paramount Puffer CM is an aerosol canister containing a behavior modifying biochemical (pheromone) which disrupts the mating behavior of Codling Moth, *Cydia pomonella*. It is intended for use in apple, pear and walnut orchards. Paramount Puffer CM is designed for use in an automatic metered dispenser (the Paramount Puffer Cabinet) so that one puff of pheromone is delivered every 15 minutes throughout the night to disrupt the nocturnal mating behavior of codling moths.

ACTIVE INGREDIENT*

8,10 dodecadien-1-ol, (E,E)-.....23.50%

OTHER INGREDIENTS.....76.50%

TOTAL.....100.00%

*Contains 67.68 g active ingredient per canister; 7.5 mg active ingredient per 30 microliter puff.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Net Weight: 10 oz/ 288 g

EPA Registration No.: 71281-E
EPA Establishment No.: 71281-CA-01

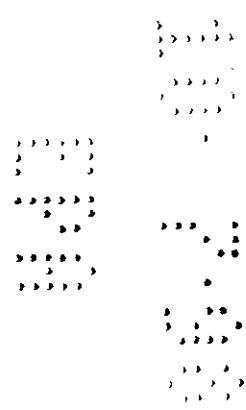
Paramount Farming Company
33141 E. Lerdo Highway
Bakersfield, CA 93308

ACCEPTED
with COMMENTS
In EPA Letter Dated

Oct-7-98

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

71281-2



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION. May be harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye and skin irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

STATEMENTS OF PRACTICAL TREATMENT

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

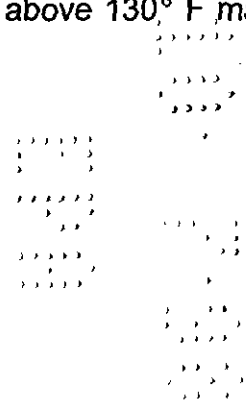
IF SWALLOWED: Call a physician or Poison Control Center.

ENVIRONMENTAL HAZARDS

Do not apply 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.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.



DIRECTIONS FOR USE

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

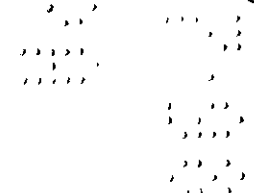
Recommended Application and Timing: Paramount Puffer CM is intended for use in apple, pear and walnut orchards to control codling moths. Applications should be initiated prior to moth emergence in the Spring and should continue throughout the crop's susceptible period, typically 80 to 180 days.

Method of Applications. Paramount Puffer CM is designed to be used in Paramount Puffer Cabinets, automatic dispensers specially designed for outdoor use. Each Paramount Puffer Cabinet is set to deliver one puff containing either 30 or 60 microliters of product (7.5 mg or 15.0 mg of active ingredient, respectively). The Paramount Puffer Cabinet will deliver a puff of product every 15 minutes for a period of 12 hours, starting at 6:00 p.m., local standard time, or one hour prior to sunset, whichever comes earlier. Follow the instructions provided with the Paramount Puffer Cabinet for insertion of Paramount Puffer CM into the Cabinet and for setting the puff size for either 30 or 60 microliters.

Paramount Puffer CM placement and canister replacement should be performed during hours when Paramount Puffer Cabinets are inactive, typically during daylight hours between 7:00 a.m. and 5:00 p.m. To avoid accidental spraying, ensure that puffer nozzles are pointed away during the performance of these tasks.

At the recommended rates of application, one Paramount Puffer CM will have sufficient material to last 100 days at a 60 microliter puff size or 200 days at a 30 microliter puff size. Where effective disruption of codling moth mating requires longer application periods, used Paramount Puffer CM canisters should be replaced by new canisters before this number of days is reached.

Product Placement. Once a Paramount Puffer CM has been inserted into a Paramount Puffer Cabinet, suspend the cabinet from a tree limb close to the center of the tree. Ideally, height of placement in trees should alternate between 80% of tree height and 40% of tree height for adjacent puffer cabinets when they are deployed in a line of trees. Avoid placing the Paramount Puffer Cabinet where foliage, nuts or fruit can be directly sprayed (where feasible, a 3-foot clearance is recommended). Paramount Puffer Cabinets should be placed around the orchard perimeter; and at strategic intervals within the interior of orchards that are greater than 40 acres in size. Paramount Puffer CM should not be used in orchard blocks that are less than 40 acres unless the product is being used in conjunction with adjacent treatments of Paramount Puffer CM, where the total acreage block being treated is 40 acres or more.



40-Acre Block Orchard: For 40-acre blocks, the Paramount Puffer Cabinets should be placed around the orchard perimeter. When the Paramount Puffer Cabinet is set to deliver a 30 microliter puff of product, the cabinets should be placed at approximately 66-foot intervals around the orchard perimeter. Cabinets set to deliver a 60 microliter puff of product should be placed at approximately 132 foot intervals around the orchard perimeter.

Orchard Blocks Greater than 40 Acres: Paramount Puffer Cabinets should be placed around the orchard perimeter, as discussed above. For each acre exceeding 40 acres, additional cabinets should be placed at strategic points within the interior of the orchard, as follows. For Paramount Puffer Cabinets set to deliver 30 microliters of product, an additional 1 to 2 cabinets per acre should be placed within the orchard interior. For cabinets set to deliver 60 microliters of product, an additional 1 to 2 cabinets per 2 acres should be placed within the orchard interior. Interior puffers may be placed in a grid formation or in the upwind portion of the orchard block, thus allowing natural distribution of the product to downwind orchard areas.

STORAGE AND DISPOSAL

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

Pesticide Storage. Store in cool, dry area away from heat or open flame.

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. Do not use empty container. Remove from cabinet, wrap empty container in newspaper and discard in trash or at an approved disposal facility. Do not puncture or incinerate. Where available, used containers may be recycled by returning containers to Paramount Farming Company or their designee.

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WARRANTY

Paramount Farming Company warrants that this material conforms to the chemical description on the label. Paramount Farming Company neither makes nor authorizes any agent or representative to make, any other warranty of fitness or of merchantability, guarantee or representation, express or implied, concerning this material. The maximum liability for breach of this warranty shall not exceed the purchase price of this product. Paramount Farming Company's maximum liability for breach of this warranty shall not exceed the purchase price of this product. Buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this material, whether or not in accordance with directions.

