

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS & DOMESTIC ANIMALS

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

### FIRST AID STATEMENT

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

**IF ON SKIN:** In case of contact, flush area with water and wash thoroughly with soap and water. Obtain medical attention if irritation persists.

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

**IF SWALLOWED:** Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

### HOT LINE NUMBER

Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment. You may also contact 1-866-326-6737 for emergency medical treatment information.

### ENVIRONMENTAL HAZARDS

For terrestrial uses: 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 or rinsate.

### 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.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. PESTICIDE STORAGE: Store container 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 disposal facility. CONTAINER DISPOSAL: Do not reuse container. This container may be recycled in aerosol recycling centers. At present, there are only a few such centers in the country. Before offering for recycling, empty can by using the product according to the label. (DO NOT PUNCTURE OR INCINERATE) Remove container from cabinet. If recycling option is not available, wrap the container in several layers of newspaper and discard in trash.

### WARRANTY

Suterra LLC warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use. Suterra 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. To the extent allowable by law, Suterra'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 contrary to label instructions.

# PUFFER® APM

## A BIOCHEMICAL FOR MATING DISRUPTION OF ARTICHOKE PLUME MOTH (*Platyptilia carduidactyla*)

Active Ingredient	
Z-11-Hexadecenal	12.24 %*
Other Ingredients	87.76 %
Total	100.00 %

\*Contains 65,930 milligrams active ingredient per canister;  
4.69 milligrams active ingredient per 40 microliter puff

### KEEP OUT OF REACH OF CHILDREN

## CAUTION

Manufactured for:

# SUTERRA®

Suterra LLC  
213 SW Columbia St.  
Bend, Oregon U.S.A. 97702  
Phone: (866) 326-6737  
Fax: (541) 388-3705

EPA Registration No.: 56336-45  
EPA Establishment No. 9444-LA-1  
Net Contents: 19.0 fl. oz (561.9 ml)  
puffapmeng#1 12/2004

## DIRECTIONS FOR USE

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

**Puffer® APM** is a behavior modifying biochemical product (pheromone) which functions by mating disruption. It is to be used for control of the Artichoke Plume Moth (*Platyptilia carduidactyla*). **Do not apply more than 150 grams of active ingredient per acre per year.**

**METHOD OF APPLICATION:** For use on artichokes and other crops where the Artichoke Plume Moth is a pest. Use two canisters per acre. Use the cabinet to dispense the **Puffer APM** canister. Follow the instructions provided with the canister. One puff of product is delivered every 15 minutes for a period of 12 hours, starting at 6 PM or one hour before sunset, whichever is earlier. Placing cabinets in fields and replacing canisters should be done when cabinets are inactive, typically during daylight hours between 7 AM and 5 PM. To avoid accidental spraying, ensure that aerosol nozzles are pointed away during the performance of these tasks. One **Puffer APM** aerosol will last approximately 300 days. Where effective control requires longer application periods, replace used canisters before the number of days is reached.

**Product Placement:** Suspend a cabinet with canister from a stake or pole close to the center of the row. Ideally, placement height should be approximately 2/3 of the crop canopy height. Avoid placing cabinets where foliage can be directly sprayed. Where feasible, a 3-foot clearance is recommended.

**Fields Smaller than 40 Acres:** The **Puffer APM** aerosol is not to be used in fields less than 40 acres unless adjacent acreage is also being treated with the Artichoke Plume Moth aerosol and total acreage block being treated is 40 acres or more.

**40-Acre Field:** Place cabinets around the field perimeter using approximately 66-foot intervals.

**Fields Greater than 40 Acres:** Place cabinets around the field perimeter as discussed above. For each acre exceeding 40 acres, additional cabinets should be placed within the interior of the field. Use an additional 1 to 2 aerosols per acre placing interior cabinets in a grid formation or in the upwind portion of the field to allow for natural distribution of product.

**APPLICATION NOTES:** For best results apply at the time or shortly before Artichoke Plume Moths begin to emerge in the spring (biofix), after the annual cutback of artichoke plants, or when the moths are first detected in pheromone traps such as **BioLure®/Scenturion®**. This product only affects adult male moths and will have no effect on female moths, eggs or larvae. If application occurs following biofix or during the growing season, the field must be treated with insecticides that will effectively control hatching larvae until egg laying by previously mated female moths has ceased to occur. In moderate to high insect pressure situations, supplemental insecticide applications during the season may be necessary to provide adequate protection. These supplemental insecticide applications must be made based on trap monitoring, field scouting, and appropriate degree-day models for the local growing area and must be timed to control young larvae. Follow the **Biolure Technical Bulletin** for trap placement. Monitor insect infestation with traps and by visual inspection of artichoke plants. Re-apply as needed, based on monitoring results and field scouting.