

# HAZARDS TO HUMANS & DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye and skin irritation. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

## FIRST AID STATEMENT

**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.

**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 OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

**IF IN EYES:** Hold eye(s) open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

## 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

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean highwater mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

## PHYSICAL OR CHEMICAL HAZARDS

**Flammable.** 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:** Nonrefillable container. Do not reuse or refill this container. Remove from cabinet, wrap empty container in newspaper and discard in trash or at an approved waste disposal facility. Do not puncture or incinerate. If can is empty offer for recycling.

## 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. To the extent consistent with applicable law, 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 consistent with applicable law, Suterra's maximum liability for breach of this warranty shall not exceed the purchase price of this product. To the extent consistent with applicable law, 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® NOW

## A BIOCHEMICAL FOR MATING DISRUPTION OF NAVEL ORANGEWORMS (*Amyelois transitella*)

**Puffer® NOW** is a behavior modifying biochemical product (pheromone) which functions by mating disruption. It is to be used for control of the Navel Orangeworm (*Amyelois transitella*). For use in almond, fig, walnut and pistachio orchards and other crops where the Navel Orangeworm is a pest.

### Active Ingredient\*

11,13-Hexadecadienal, (Z,Z)..... 0.98 %

**Other Ingredients**..... 99.02 %

**Total**..... 100.00 %

\*Contains 3.74 g a.i. per canister;

0.38 mg a.i. per 40 microliter puff

# KEEP OUT OF REACH OF CHILDREN CAUTION

Manufactured by:

## Suterra®

Suterra LLC  
20950 NE Talus Place  
Bend, Oregon U.S.A. 97701  
Phone: (866) 326-6737  
Fax: (541) 388-3705

EPA Registration No.: 73479-3  
EPA Establishment No. 56336-OR-1  
Net Contents: 13.5 oz (399 ml)  
Batch Code #: See bottom of can

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

**Puffer® NOW** is a behavior modifying biochemical product (pheromone) which functions by mating disruption. It is to be used for control of the Navel Orangeworm (*Amyelois transitella*). Do not apply more than 150 grams of active ingredient per acre per year.

**METHOD OF APPLICATION:** For use in almond, fig, walnut and pistachio orchards and other crops where the Navel Orangeworm is pest. In the spring, start applications prior to moth emergence continue throughout the crop's susceptible period, typically 80 to 180 days. Use a cabinet to automatically dispense the **Puffer NOW** canister. One puff of product is delivered every 15 minutes for a period 12 hours, starting at 6 PM.

Placing cabinets in orchards and replacing canisters are to be done when cabinets are inactive, typically during daylight hours between 7 AM and 5 PM. To avoid accidental spraying, ensure that canister nozzles are pointed away during the performance of these tasks. One **Puffer NOW** canister will last approximately 200 days. Where effective disruption of navel orangeworm mating requires longer application periods, replace used canisters before the 200 day period is reached.

**Product Placement:** Suspend a filled cabinet from a tree limb close to the center of the tree. Ideally, placement height will be approximately 2/3 of orchard height ±10%. Do not place cabinets where foliage, nuts or fruits can be directly sprayed. Where feasible a 3-foot clearance is requested.

**Orchards Smaller than 40 Acres:** Do not use **Puffer NOW** in orchards less than 40 acres unless adjacent acreage is also being treated with **Puffer NOW** and total acreage block being treated is 40 acres or more.

**40-Acre Orchard:** Place cabinets around the orchard perimeter or in a grid pattern to achieve a density of two (2) **Puffer** canisters per acre. In situations with a prevailing wind place additional canisters along the upwind edge to achieve uniform pheromone distribution within the interior of the orchard.

**Orchards Greater than 40 Acres:** Place cabinets around the orchard perimeter or in a grid pattern to achieve a density of up to two (2) **Puffer** canisters per acre. In situations with a prevailing wind place additional canisters along the upwind edge to achieve uniform pheromone distribution within the interior of the orchard.

**APPLICATION NOTES:** For best results apply at the time or shortly before the Navel Orangeworms begin to emerge in the spring. This product only affects adult male moths and will have no effect on female moths, eggs or larvae. If application occurs following biofix (the first date moths are found consistently in monitoring traps) 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 maybe 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. Monitor insect infestation with traps and by visual inspection of plants. Re-apply as needed, based on monitoring results and field scouting.