



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 23, 2016

Ruth Trager  
Manager  
Regulatory Affairs  
Suterra, LLC  
20950 NE Talus Place  
Bend, OR 97701

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – revise hot line number section to add NPIC and poison control center telephone numbers  
Product Name: Checkmate CM-F  
EPA Registration Number: 56336-37  
Application Date: 1 September 2016  
OPP Decision Number: 521269

Dear Ms. Trager:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims

Page 2 of 2  
EPA Reg. No. 56336-37  
OPP Decision No. 521269

made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Cody Kendrick of my team by phone at (703) 347-0468 or via email at [kendrick.cody@epa.gov](mailto:kendrick.cody@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland". The signature is fluid and cursive, with the first name being the most prominent.

Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

Store Product Above 60° F/ 16° C

Store Product Above 60° F/16° C

Store Product Above 60° F/16° C

# KEEP OUT OF REACH OF CHILDREN CAUTION

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Harmful if inhaled. Avoid breathing vapor or spray mist. 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.

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

### USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove clothing/PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into

### 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 to an unconscious person.

**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 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 IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, 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. For emergency information on product, uses, and treatment, etc., call the National Pesticides Information Center at 1-800-858-7378, 6:30 am - 4:30 pm (PT), 7 days a week. Otherwise, call the Poison Control Center at 1-800-222-1222.

### ENVIRONMENTAL HAZARD

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 by cleaning of equipment or disposing of equipment wash waters.

L: 16229 CM-F US FG 14925 Rev08162016 v3

# CheckMate® CM-F

A BIOCHEMICAL FOR THE MATING DISRUPTION OF THE CODLING MOTH  
(*Cydia pomonella*) HICKORY SHUCKWORM (*Cydia caryana*)

### 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 requirements specific to your State or Tribe, consult the 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 part 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 this label about personal protective equipment (PPE), notification to workers, and the restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during application of this product. Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 4 hours. PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has become treated, such as plants, soil or water is: coveralls, short sleeve shirt, shorts, shoes, socks and waterproof gloves.

**CheckMate® CM-F** is a behavior modifying biochemical pheromone which functions by mating disruption, to be used in pest management programs for control of codling moth (*Cydia pomonella*) and hickory shuckworm (*Cydia caryana*).

**METHOD OF APPLICATION:** For use on apples, pears, quinces and other pome fruits; peaches, nectarines, plums, prunes and other stone fruits; walnuts, pecans and other tree nuts; pomegranates and other similar crop groupings where the codling moth is a pest. Maintain product at 60 °F (15.55 °C) or higher for a 24 hour period immediately prior to mixing. Use in equipment that uses 50 mesh screens or larger.

To disrupt mating of the codling moth apply **CheckMate CM-F** at 2.4 fluid ounces (71 ml) of product per acre (10 g a.i./acre) to 4.8 fluid ounces (142 ml) product per acre (20 g a.i./acre). Do not exceed 36.2 fluid ounces (1070.5 ml) product/acre/year (150 g a.i./acre/year).

### SHAKE WELL BEFORE USING

DO NOT use **CheckMate CM-F** from damaged, punctured, or unsealed containers. Use piston, diaphragm, or centrifugal pumps ONLY. DO NOT use roller or gear pumps as they will damage the **CheckMate CM-F** controlled release system. For best results, apply immediately after mixing. Do not let stand prior to application without thoroughly mixing again. Do not apply this product through any type of irrigation system.

**Ground Equipment:** Apply **CheckMate CM-F** in sufficient water for uniform coverage (1 pint to 100 gal.). Do not apply to point of runoff. Apply to foliage directly.

**Aerial Equipment:** Apply **CheckMate CM-F** in sufficient water for uniform coverage (1 pint to 100 gal.).

**APPLICATION NOTES:** For best results, apply at the time or shortly before codling moths begin to emerge in the spring (biofix), or when the moths are first detected in pheromone traps such as **BioLure®**. Reapply as needed based on insect monitoring and field scouting programs. The use of approved stickers improves the adherence to the leaf surface and even distribution of the product on plant surfaces. In the event of rainfall or overhead irrigation, re-treatment will be necessary to maintain effective mating disruption. The use of pheromone baited traps will be necessary to make this determination. 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 insecticide treatments 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 to the developing crop. These supplemental insecticide applications are to be made based on trap monitoring, field scouting, and appropriate degree-day models for the local growing area and must be timed to control emerging larvae.

### ACTIVE INGREDIENT:

(E,E) - 8,10 - Dodecadien-1-ol: .....14.40 %

OTHER INGREDIENTS: .....85.60 %

TOTAL: .....100.00 %

## STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool place until used. Protect from freezing.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water when disposing of equipment wash water.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Plastic Containers: Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill container 1/4 full with water and recap. Shake 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or 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.

### WARRANTY

To the extent consistent with applicable law, 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 LLC 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 LLC's maximum liability for breach of this warranty shall not exceed the purchase price of this product. To the extent consistent with applicable law, the buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this material contrary to label instructions.

### Manufactured by:

# Suterra®

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

Net Contents: 25.0 fl.oz.  
(739 ml)  
Contains: 4.14 g/a.i./fl. oz.  
(0.14 g/a.i./ml)

EPA Reg.No. 56336-37  
EPA Est. No. 56336-OR-1

ACCEPTED

09/23/2016

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 56336-37