



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 21, 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-XL 1000
EPA Registration Number: 56336-12
Application Date: 1 September 2016
OPP Decision Number: 521274

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. 56336-12
OPP Decision No. 521274

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.

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

DIRECTIONS FOR USE

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

CheckMate® CM-XL 1000 is a behavior modifying biochemical product (pheromone) which functions by mating disruption. It is 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, the recommended rate of application of **CheckMate CM-XL 1000** is 120 to 200 dispensers per acre (300-500 dispensers per hectare). Do not apply more than 555 total dispensers per acre per year (150 gms a.i./acre/year), [1370 total dispensers per hectare per year (370 gms a.i./hectare/year)].

Use gloves when handling dispensers. Provide adequate ventilation when handling dispensers. Do not handle dispensers in an enclosed area. Hang dispensers from a thumb-size tree limb approximately three feet (one meter) below the top of the tree, within the canopy.

Do not handle other types of insect lures before or after dispenser placement without thoroughly washing hands. Set codling moth monitoring traps before handling **CheckMate CM-XL 1000**. Monitor treatments carefully, especially for secondary pests such as leafrollers.

Reseal containers immediately after use. Do not use **CheckMate CM-XL 1000** from damaged, punctured or unsealed containers.

APPLICATION NOTES: For best results, apply at the time or shortly before codling moths or hickory shuckworm moths begin to emerge in the spring (biofix), or when the moths are first detected in pheromone traps such as **BioLure®**. 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 orchard 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 developing fruit. 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 emerging larvae. Follow the **BioLure Technical Bulletin** for trap placement. Monitor insect infestation with traps and by visual inspection of trees and fruit. Re-apply **CheckMate CM-XL 1000** as needed, based on monitoring results and field scouting.

Manufactured by:

Suterra®

Suterra LLC
20950 NE Talus Place
Bend, Oregon, USA 97701
1-866-326-6737
Fax (541) 388-3705

ACCEPTED

09/21/2016

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 56336-12

CheckMate®

CM-XL 1000

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

FOR ORGANIC PRODUCTION

Active Ingredient:
(E,E)-8,10-Dodecadien-1-ol 17.54%
Other Ingredients: 82.46%
Total: 100.00%

Net Weight: 270 mg active ingredients per dispenser.

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS

Caution: Harmful if swallowed, absorbed through the skin, or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing vapor. 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. Wear chemical resistant gloves and protective eyewear.

FIRST AID

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 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 Pacific Time (PT), 7 days a week. Otherwise, call the Poison Control Center at 1-800-222-1222.

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply to water, or to areas where surface water is present or to intertidal areas below the high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store container in cool place until used. Reseal containers immediately after use. Store unused product in a refrigerator or freezer not used for food storage.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on-site or at an approved disposal facility.

CONTAINER DISPOSAL: Plastic Containers: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). 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. Bag/Cardboard Box: Nonrefillable container. Do not reuse or refill this container. Dispose of empty bag/cardboard box in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

WARRANTY AND LIMITATION OF DAMAGES

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 consistent with applicable 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.

NET CONTENTS

1,000

DISPENSERS

EPA Registration No. 56336-12

EPA Establishment No. 56336-OR-1

L: 17282 CM-XL US FG: 14924 Rev08032016 v1