

56336-37

12/02/2008

1/4



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

DEC - 2 2008

Mr. Richard Fresh
Suterra, LLC.
213 SW Columbia Street
Bend, OR 97702

Subject: Product Name: CM-F
EPA Registration No. 56336-37
Label Amendment to add the phrase "...;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," in the Directions for Use section of the label. Also updating the label to meet the Agency's latest labeling requirements.
Application Dated: August 20, 2008

Dear Mr. Fresh:

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(5), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. If you have any questions contact Andrew Bryceland at 703-305-6928 or by e-mail at: bryceland.andrew@epa.gov. A stamped copy of the label is enclosed for your records.

Sincerely,

Linda A. Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)

Enclosure

CheckMate[®] CM-F

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

ACTIVE INGREDIENT:
(E,E) - 8,10 - Dodecadien-1-ol:14.40 %
OTHER INGREDIENTS:85.60 %
TOTAL:100.00 %
Net Contents: 25.0 fl. oz. (739 ml)

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for Precautionary and First Aid Statements



▶
PEEL
HERE

Manufactured by:

Suterra[®]

EPA Reg. No.: 56336-37
EPA Est. No.: 56336-OR-1
cmf#11 10/2008 E00180

Batch No.: See neck of bottle

ACCEPTED

DEC - 2 2008

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. 56336-37

h/e

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 State or Tribal 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). 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. The Restricted Entry Interval (REI) is 4 hours. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing appropriate PPE. PPE required for early entry to treated areas is permitted under the Worker Protection Standard and that involves contact with anything that has become treated such as plants, soil or water. PPE: coveralls, short sleeve shirt, shorts, shoes, socks and chemical resistant 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 or hickory shuckworm 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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

Personal Protective Equipment (PPE): 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.

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 when disposing of equipment washwaters or rinsate.

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 PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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 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. You may also contact 1-866-326-6737 for emergency medical treatment information.

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 washwater.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. 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. For Plastic Containers: Then offer for recycling or reconditioning, or puncture and or 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, Suterria 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, Suterria 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, Suterria'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:

Suterria

Suterria LLC
213 SW Columbia Street
Bend, Oregon, 97702 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. ounce
(0.14 g/a.i./ml)

EPA Reg. No. 56336-37

EPA Est. No. 56336-OR-1

cmf#11 10/2008 E00180

b/h