

100-1408

03/18/2013

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

3/18/2013

Tammy Tyler  
Syngenta Crop Protection, LLC  
PO Box 18300  
Greensboro, NC 27419

MAR 18 2013

re: Epi-Mek SC, EPA Reg. # 100-1408  
label amendment: add cotton, strawberries  
submitted 3/22/2012 (D# 463020)  
accepted

Dear Ms. Tyler:

This label amendment adds cotton and strawberries to this label. These uses had previously been approved using emulsifiable concentrate formulas of avermectin. The tolerance amendment for cotton and strawberries approved today now makes it possible to also approve these uses with this suspension concentrate product.

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

Submit a copy of your final printed labeling incorporating the above changes prior to releasing your product for shipment. If this provision is 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.

A copy of the label stamped "accepted" is enclosed for your records. If you have any questions please contact Tom Harris at (703) 308-9423 or [harris.thomas@epa.gov](mailto:harris.thomas@epa.gov).

Sincerely yours,

A handwritten signature in black ink, appearing to read "John D. Hebert".

John D. Hebert  
Product Manager (07)  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

enclosure

**RESTRICTED USE PESTICIDE**  
 TOXIC TO FISH, MAMMALS, AND AQUATIC ORGANISMS  
 FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR  
 DIRECT SUPERVISION, AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S  
 CERTIFICATION.

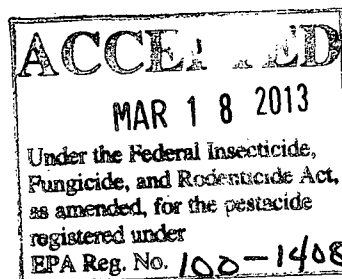
**SUPPLEMENTAL LABELING**

Syngenta Crop Protection, LLC  
 P. O. Box 18300  
 Greensboro, North Carolina 27419-8300

SCP 1408A-S1 XXXX

Epi-Mek™ SC  
 Miticide/Insecticide

Supplemental Labeling



This supplemental labeling expires on *(three years from approval date)* and must not be distributed or used after that date.

Active Ingredient:	
Abamectin <sup>1</sup> .....	8.0%*
Other Ingredients: .....	92.0%
Total:	100.0%

<sup>1</sup>CAS No. 71751-41-2

\*1 gal. contains 0.7 lb. abamectin formulated as a suspension concentrate.

**KEEP OUT OF REACH OF CHILDREN.**

**WARNING/AVISO**

**EPA Reg. No. 100-1408**

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed. Before using Epi-Mek SC Miticide/Insecticide as permitted according to this supplemental label, read and follow all applicable directions, restrictions, and precautions on the EPA-registered label on or attached to the pesticide product container. This Supplemental Labeling contains revised use instructions or restrictions that may be different from those that appear on the container label. This Supplemental Labeling must be in the possession of the user at the time of pesticide application. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.



**DIRECTIONS FOR USE**  
**RESTRICTED USE PESTICIDE**

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

**CROP USE DIRECTIONS**

**COTTON**

**For control of spider mites**

Mix with water as indicated below. Thorough coverage of the crop is essential for optimum results. Inadequate coverage may result in reduced control.

**Note:**

- Epi-Mek SC may be applied with ground application equipment or aircraft.
- For best control of mites, apply Epi-Mek SC with ground application equipment. With aerial application, spray coverage and the resulting level and duration of control of mites may be less than with ground application.

Pest	Fl. oz./A	Instructions
Carmine spider mite Pacific spider mite Strawberry spider mite Twospotted spider mite	1.0-1.25 (Early-Season Cotton - See <b>Instructions</b> .)	<ul style="list-style-type: none"> <li>• To avoid illegal residues, Epi-Mek SC <b>must</b> be mixed with a non-ionic activator type wetting, spreading and/or penetrating adjuvant. Do not use binder or sticker type adjuvants. <b>(See Use Information and Use Restrictions.)</b></li> <li>• Apply when mites first appear. The use rate depends on the size of the plant and density of the foliage.</li> <li>• The lower use rates of <b>1.0-1.25 fl. oz./A</b> are only recommended if cotton is early season and under 10 inches in height. Do not use less than 1.0 fl. oz./A.</li> <li>• <b>West of the Rocky Mountains</b> - The lower use rates may only be used on cotton less than 10 inches in height and applied only with ground equipment.</li> <li>• Repeat application, if needed, to maintain control. See <b>Use Restrictions</b>.</li> </ul>
	1.75-3.5	

**Use Restrictions**

- **PHI:** Do not apply within **20 days** of harvest.
- **Adjuvant Requirement:** To avoid illegal residues, Epi-Mek SC **must** be mixed with a surfactant approved for use on cotton. Do not use binder or sticker type adjuvants. Carefully follow the **Directions for Use** and **Precautions** on the surfactant label as well as the precautions in official spray guides or on product labels.
- **Application Method:** Ground or aerial application is permitted.
- **Minimum Amount of Water:** Do not apply in fewer than 5 gallons of water per acre. Use sufficient volume to ensure thorough coverage.
- **Maximum Amount per Application:** Do not apply more than 3.5 fl. oz./A (or 0.019 lb. a.i./A) of Epi-Mek SC or any other foliar-applied abamectin-containing product per application.
- **Application interval:** Wait at least 21 days before repeating application.
- **Maximum Amount per Season:** Do not apply more than 6.75 fl. oz./A (or 0.038 lb. a.i./A) of Epi-Mek SC or any other foliar-applied abamectin-containing product per season.
- **Grazing Restriction:** Do not feed or allow livestock to graze treated cotton

**STRAWBERRIES**

**For control of Strawberry spider mite and Twospotted spider mite**

Mix with water as indicated below. Apply with ground application equipment as a foliar spray and ensure thorough coverage on upper and lower leaf surfaces. Adjust spray volume and nozzle placement to ensure maximum coverage of tops and undersides of leaves.

**Strawberries**

<b>Pest</b>	<b>fl. oz./A</b>	<b>Instructions</b>
Strawberry spider mite Twospotted spider mite	3.5	<ul style="list-style-type: none"> <li>• To avoid illegal residues, Epi-Mek SC <b>must</b> be mixed with a non-ionic activator type wetting, spreading and/or penetrating adjuvant. Do not use binder or sticker type adjuvants. <b>(See Use Information and Use Restrictions.)</b></li> <li>• Make 2 applications 7-10 days apart when mites first appear. Repeat this application sequence, if needed, to maintain control. <b>(See Use Restrictions.)</b></li> </ul>

### Use Restrictions – Strawberries

- **PHI:** Do not apply within **3 days** of harvest.
- **Adjuvant Requirement:** To avoid illegal residues, Epi-Mek SC **must** be mixed with a surfactant approved for use on strawberries. Do not use binder or sticker type adjuvants. Carefully follow the **Directions for Use** and **Precautions** on the surfactant label as well as the precautions in official spray guides or on product labels.
- **Application Method:** Ground application only. Do not apply with aircraft.
- **Prohibited Use:** For resistance management purposes, do not use in strawberry nurseries.
- **Amount of Water:** Do not apply in less than 50 gallons of water/A with conventional ground application equipment. When using electro-static sprayers, do not apply in less than 10 gallons of water/A.
- **Maximum Amount per Application:** Do not apply more than 3.5 fl. oz./A (or 0.019 lb. a.i./A) of Epi-Mek SC or any other foliarly applied abamectin-containing product per application.
- **Application Interval:** Wait at least 21 days after the second application before repeating application.
- **Maximum Amount per Season:** Do not apply more than 14 fl. oz./A (or 0.075 lb. a.i./A) of Epi-Mek SC or any other foliarly applied abamectin-containing product in a growing season.

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Epi-Mek SC 1408A-S1 (draft cotton & strawberries) – pl – 2/7/12  
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