

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



OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

3/18/04

Carolyn Brinkley
Syngenta Crop Protection, Inc.
PO Box 18300
Greensboro, NC 27419

re: Agri-Mek 0.15EC Miticide/Insecticide, EPA Reg. # 100-898
SUPPLEMENTAL LABEL amendment submitted 3/1/04
accepted

Dear Ms. Brinkley:

The supplemental labeling referred to above and submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. At your next label printing, or within eighteen months of the date of this letter, whichever comes first, you must incorporate this supplemental labeling into the main product labeling.

Submit two (2) copies of your final printed labeling 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 this condition.

A copy of your supplemental label stamped "accepted" is enclosed for your records.

Sincerely yours,

A handwritten signature in black ink, appearing to be "TCH", written over a faint circular stamp.

Thomas C. Harris
Biologist
Insecticide Rodenticide Branch
Registration Division (7505C)
Harris.Thomas@epa.gov
(703) 308-9423

enclosure

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PRODUCT INFORMATION



Syngenta Crop Protection, Inc.
Greensboro, NC 27409
www.syngenta-us.com

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 LABEL FOR AGRI-MEK® 0.15 EC
MITICIDE/INSECTICIDE**

EPA Reg. No. 100-898

To permit a minimum of 5 gals of water/A for aerial application to
celery, cucurbits, head lettuce, peppers, potatoes and tomatoes.

Active Ingredient:	
Abamectin (CAS No. 65195-56-4 and No. 65195-55-3).....	2.0%*
Other Ingredients:	98.0%
Total:	100.0%

*1 gal. contains 0.15 lb. abamectin

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la
explique a usted en detalle. (If you do not understand the label, find
someone to explain it to you in detail.)

ACCEPTED
MAR 18 2004

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
100-898

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed.

Before using Agri-Mek 0.15EC 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 and 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

Celery: For control of *Liriomyza* leafminers and spider mites (two-spotted and carmine)

Mix with water as indicated below and apply thoroughly by ground or air as a foliar spray to assure good upper and lower leaf coverage. Use 8 fl. oz./A for low to moderate infestations and 16 fl. oz./A for severe infestations. For spider mites, apply when mites first appear and repeat as necessary to maintain control. For leafminers, apply when adult flies are first observed and repeat applications as necessary to maintain control.

Celery

Pests	fl. oz./A
<i>Liriomyza</i> leafminers Spider mites	8.0-16.0

Use Restrictions – Celery

- Do not apply at less than 7-day intervals.
- Do not exceed 48 fl. oz./A after transplanting.
- Do not apply within 7 days of harvest.
- Do not apply in less than 20 gals. of water/A with ground equipment and do not apply in less than 5 gals. of water/A with aircraft. Under conditions such as high pest populations, dense foliage, or adverse

application conditions (such as high temperatures) use a greater volume water to insure adequate coverage.

- For resistance management purposes, use no more than 2 applications on celery being grown for transplanting.
- Do not make more than 2 sequential applications after transplanting.
 - **Note:** Agri-Mek 0.15 EC may be used without any wetting agent. When necessary to improve the wetting of foliage and to smooth out spray deposits, a nonionic surfactant is recommended.

Cucurbits (Chayote, Chinese Waxgourd, Citron Melon, Cucumbers, Gherkin, Edible Gourds, *Momordica* spp., Melons, Pumpkin, Summer Squash, Winter Squash, Watermelon): For control of spider mites and leafminers

Mix with water as indicated below and apply thoroughly by ground or air as a foliar spray to ensure good upper and lower leaf coverage. Use 8 fl. oz./A for low to moderate infestations and 16 fl. oz./A for severe infestations.

Apply when adult leafminer flies or spider mites are first observed and repeat applications as necessary to maintain control within constraints of a sound resistance management program.

Cucurbits

Pests	fl. oz./A
Spider mites Leafminers	8.0-16.0

Use Restrictions – Cucurbits

- Do not exceed 48 fl. oz./A in a growing season.
- Do not apply within 7 days of harvest.
- Do not apply at less than 7-day intervals.
- Do not apply in less than 20 gals. of water/A with ground equipment and do not apply in less than 5 gals. of water/A with aircraft. Under

conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures) use a greater volume water to insure adequate coverage.

- Do not make more than 2 sequential applications.

Head Lettuce: For control of *Liriomyza* leafminers

Mix with water as indicated below and apply thoroughly by ground or air as a foliar spray to assure good upper and lower leaf coverage. Use 8 fl. oz./A for low to moderate infestations and 16 fl. oz./A for severe infestations. Apply when adult flies are first observed and repeat applications as necessary to maintain control.

Head Lettuce

Pests	fl. oz./A
<i>Liriomyza</i> leafminers	8.0-16.0

Use Restrictions – Head Lettuce

- Do not apply at less than 7-day intervals.
- Do not exceed 48 fl. oz./A per growing season.
- Do not apply within 7 days of harvest.
- Do not apply in less than 20 gals. of water/A with ground equipment and do not apply in less than 5 gals. of water/A with aircraft. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures) use a greater volume water to insure adequate coverage.
- Do not make more than 2 sequential applications.

Note: Agri-Mek 0.15 EC may be used without any wetting agent. When necessary to improve the wetting of foliage and to smooth out spray deposits, a nonionic surfactant is recommended.

Peppers (Includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper): For control of *Liriomyza* leafminers, *Thrips palmi*, spider mites, and broad mites

Mix with water as indicated below and apply thoroughly by ground or air as a foliar spray to assure good upper and lower leaf coverage. For broad mites and spider mites, apply when mites first appear. For leafminers, apply when adult flies are first observed. For *Thrips palmi*, apply when thrips are first observed. Use 8 fl. oz./A for low to moderate infestations and 16 fl. oz./A for severe infestations. In all cases, repeat applications as necessary to maintain control.

Peppers

Pests	fl. oz./A
<i>Liriomyza</i> leafminers Spider mites Broad mites <i>Thrips palmi</i>	8.0-16.0

Use Restrictions – Peppers

- Do not exceed 48 fl. oz./A per growing season.
- Do not apply at less than 7-day intervals.
- Do not apply within 7 days of harvest.
- Do not apply in less than 20 gals. of water/A with ground equipment and do not apply in less than 5 gals. of water/A with aircraft. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures) use a greater volume water to insure adequate coverage.
- Do not make more than 2 sequential applications.
- For resistance management purposes, do not use on peppers being grown for transplanting.

Note: Agri-Mek 0.15 EC may be used without any wetting agent. When necessary to improve the wetting of foliage and to smooth out spray deposits, a nonionic surfactant is recommended.

Potatoes: For control of Colorado potato beetle, *Liriomyza* leafminers, and spider mites

Mix with water as indicated below and apply thoroughly by ground or air as a foliar spray to ensure thorough coverage on upper and lower leaf

surfaces. Use 8 fl. oz./A for low to moderate infestations and 16 fl. oz./A for severe infestations. The addition of a nonionic surfactant or organosilicone-based surfactant, at the manufacturer's recommended rate is suggested for optimum spider mite and insect control. Insect and spider mite control may be reduced if Agri-Mek 0.15 EC is used in combination with a sticker or binder type product such as Bravo® Weather Stik®.

For Colorado potato beetle, do not make more than 2 applications per crop. Make the first application after approximately 50% of the egg masses have hatched and larvae are present. If 2 applications are made, they should be restricted to a single Colorado potato beetle generation per crop and should not be made at less than 7-day intervals.

For *Liriomyza* leafminers, make the first application when adult flies are first observed. Repeat applications as necessary to maintain control, but not at intervals less than 7 days.

For spider mites, make the first application when mites first appear. Repeat application as necessary to maintain control, but not at intervals less than 7 days.

Potatoes

Pests	fl. oz./A
Colorado potato beetles Spider mites <i>Liriomyza</i> leafminers	8.0-16.0

Use Restrictions – Potatoes

- Do not exceed 32 fl. oz. of Agri-Mek 0.15 EC/A per crop for spider mite or Colorado potato beetle control.
- Do not exceed 48 fl. oz. of Agri-Mek 0.15 EC/A per crop for leafminer control.
- Do not apply within 14 days of harvest.
- Do not apply in less than 20 gals. of water/A with ground equipment and do not apply in less than 5 gals. of water/A with aircraft. Under conditions such as high pest populations, dense foliage, or adverse

application conditions (such as high temperatures) use a greater volume water to insure adequate coverage.

- Do not graze or feed treated foliage to livestock.

Do not make more than 2 sequential applications.

Tomatoes: For control of Colorado potato beetle, *Liriomyza* leafminers, spider mites, russet mites, and tomato pinworm

Mix with water as indicated below and apply thoroughly by ground or air as a foliar spray to assure good upper and lower leaf coverage. For Colorado potato beetle, apply when newly emerged larvae are present. For russet and spider mites, apply when mite damage first appears. For leafminers, apply when adult flies are first observed. For tomato pinworm, apply when larvae are first observed. In all cases, repeat applications as necessary to maintain control. Use 8 fl. oz./A for low to moderate infestations and 16 fl. oz./A for severe infestations.

Tomatoes

Pests	fl. oz./A
Colorado potato beetles <i>Liriomyza</i> leafminers Spider mites Tomato russet mite	8.0-16.0
Tomato pinworm	16.0

Use Restrictions – Tomatoes

- Do not exceed 48 fl. oz./A per growing season.
- Do not apply at less than 7-day intervals.
- Do not apply within 7 days of harvest.
- Do not apply in less than 20 gals. of water/A with ground equipment and do not apply in less than 5 gals. of water/A with aircraft. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures) use a greater volume water to insure adequate coverage.
- Do not make more than 2 sequential sequential applications.

- For resistance management purposes, do not use on tomatoes being grown for transplanting.

Note: Agri-Mek 0.15 EC may be used without any wetting agent. When necessary to improve the wetting of foliage and to smooth out spray deposits, a nonionic surfactant is recommended.

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Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

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