



Classified for  
"RESTRICTED USE"  
in New York State  
under 6NYCRR Part 326

June 19, 2009

New York State Department  
of Environmental Conservation  
Division of Solid & Hazardous Materials  
Pesticide Product Registration

**Section 18 Emergency Exemption**

**RESTRICTED USE PESTICIDE  
Due to Toxicity in 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.

**SECTION 18 EMERGENCY EXEMPTION FOR THE USE OF  
AGRI-MEK® 0.15EC FOR SUPPRESSION OF ONION THRIPS  
ON DRY BULB ONION IN NEW YORK**

**File Symbol No. 09-NY-04**

**Effective: June 1, 2009  
Expires: September 15, 2009**

**AGRI-MEK® 0.15EC**

Active Ingredients:*	
Abamectin (CAS No. 65195-56-4 and 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.)

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY, AND/OR ILLEGAL RESIDUES.

**DIRECTIONS FOR USE**

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

Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA-registered Agri-Mek 0.15EC label.

This label must be in the possession of the user at the time of pesticide application.

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**GENERAL INFORMATION**

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**Use Restrictions and Precautions**

- Apply as required based on local thresholds.
- Avoid rescue situations.
- Apply with ground equipment using sufficient water and application methods to obtain full coverage of the foliage. Do not apply by air in New York.
- Use a minimum spray volume of 20 gallons per acre by ground.
- Add a quality, penetrating non-ionic surfactant or crop oil concentrate at manufacture's recommended rate. Do not use sticker type adjuvants.
- See Agri-Mek label for comments on mixing with other products and crop phytotoxicity.
- Use a sound resistance management program including strategies found on the Agri-Mek label.
- Make 2 consecutive applications then rotate to a chemistry with a different mode of action. Do not make more than 2 applications per season.
- Do not apply within 30 days of harvest.
- Do not apply at an interval less than 7 days.
- Do not apply more than 16 fluid ounces per acre per application.
- Do not apply more than 32 fluid ounces per acre per season.
- Do not apply this product through any type of irrigation system.
- Do not apply by ground within 25 ft. of lakes; reservoirs; rivers; permanent streams, marshes or natural ponds; estuaries and commercial fish farm ponds.

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**CROP USE DIRECTIONS**

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**Dry Bulb Onion – For suppression\* of thrips**

Pest	Use Rate	
	Ai/A	Fl. Oz/A
Onion thrips	0.012 - 0.019	10 – 16

\* Suppression means either erratic control ranging from good to poor or consistent control at a level below that which is generally considered acceptable for commercial control.

Any adverse effects resulting from the use of Agri-Mek under this crisis exemption must be immediately reported to the New York State Department of Environmental Conservation.

Agri-Mek<sup>®</sup> trademark of a Syngenta Group Company

Registrant:  
Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, NC 27419-8300

Label Code: NY0898030AB0609

# New York State Department of Environmental Conservation

## Division of Solid & Hazardous Materials

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Alexander B. Grannis  
Commissioner

### Via E-Mail

June 16, 2009

Mr. Anthony Britten  
Team Leader  
Document Processing Desk (7504P)  
USEPA/Office of Pesticide Programs  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, Virginia 22202-4501

Dear Mr. Britten:

**Re: Crisis Exemption Request for the Use of Agri-Mek 0.15 EC, EPA Reg. No. 100-898 (Abamectin) to Suppress Onion Thrips, *Thrips tabaci*, on Dry Bulb Onions Grown During the 2009 Growing Season in New York State**

The New York State Department of Environmental Conservation, as the State lead agency for pesticide matters, hereby issues a Crisis Exemption under Section 18 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended for use of Agri-Mek 0.15 EC, EPA Reg. No. 100-898 (abamectin) to suppress onion thrips infestations in onion fields.

Agri-Mek 0.15 EC (abamectin) is requested for commercially grown dry bulb onions grown on high organic matter soils (muck) throughout New York State (none are grown on Long Island). This product would be applied by ground equipment as a foliar application. The rate of application would be 10.0 to 16.0 fl oz of formulated product per acre per application (0.012 lb a.i./acre to 0.019 lb a.i./acre). No more than two applications will be permitted. Thus, the maximum amount of Agri-Mek 0.15 EC would be 32 fl oz of formulated product (0.038 lb a.i./acre) per acre per season. Applications should be made no less than seven days apart. The maximum total acreage to be treated is 13,000 acres. The total estimated amount of Agri-Mek 0.15 EC to be used is 3,250 gallons.

The use season for Agri-Mek 0.15 EC would be June 1 through September 15, 2009 with harvest dates of August 1 through October 15, 2009. A 30-day pre-harvest interval will be observed.

New York onion growers average six insecticide applications per season. Onion growers will apply Radiant twice (maximum number suggested) and Movento twice (spirotetramat – Section 18 use permitted in 2009). That leaves two insecticide applications needed to control thrips for the remainder of the season. The problem is that there are no effective labeled products available for these two applications.

Mr. Anthony Britten

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Agri-Mek 0.15 EC is highly effective against onion thrips on onion. This product also belongs to different classes of chemistry. The proposed use for Agri-Mek 0.15 EC is identical to that of Movento and Radiant - no more than two applications per field per season. If three highly effective products are available to control onion thrips on onion (i.e., Radiant, Movento and Agri-Mek), with each applied a maximum of two times, New York onion growers will have the 6 sprays needed to control onion thrips for the entire season. Moreover, the limited use of each product should mitigate resistance development.

There are no non-insecticide practices that can be used successfully and economically to manage onion thrips. Natural enemies do not regulate populations to sub-economically damaging levels and most cultural practices (i.e., crop rotation, planting date adjustment, etc.) do not have a significant affect on populations. Applying straw mulch to onion fields can suppress populations early in the season, but the cost of the straw and its application to fields precludes this strategy from being adopted.

A Specific Exemption Request is also being submitted at this time. This request will not be approved in time to be of use to the onion growers therefore New York State is declaring the Crisis Exemption for the Agri-Mek 0.15 EC product.

Syngenta, the manufacturer of Agri-Mek 0.15 EC, fully supports our efforts to obtain an emergency exemption for the use of Agri-Mek 0.15 EC on onions to suppress onion thrips in New York State.

Agri-Mek 0.15 EC is a restricted use product in New York State. It is therefore restricted to its purchase, distribution, sale, use and possession in New York State.

Please contact Cyndi Crowley, of our Pesticide Product Registration Section, at (518) 402-8768, if you require further assistance on this request.

Sincerely,



Maureen P. Serafini  
Director  
Bureau of Pesticides Management

cc: D. Rosenblatt/A. Ertman/A. Enache, USEPA  
W. Smith, Cornell University, PMEP  
R. Mungari, New York State Dept. of Ag. & Mkts.