



## **New or Changes to Product Labels – New Pests Evaluation Report for Category B, Subcategory 3.11 Application**

**Application Number:** 2015-6239  
**Application:** B.3.11  
**Product:** Agri-Mek SC  
**Registration Number:** 31607  
**Active ingredients (a.i.):** abamectin (84 g/L)  
**PMRA Document Number :** 2628695

### **Background**

Agri-Mek SC (Reg. No. 31607) is a commercial-class agricultural insecticide and miticide containing 84 g/L abamectin. Agri-Mek SC is used to control various mites and insects on apples, pears, potatoes, Crop Group 3-07A (bulb onion sub-group), celery, grapes, and strawberries.

### **Purpose of Application**

The purpose of this application is to add control claims for Colorado potato beetle and potato psyllid on potatoes to the label of Agri-Mek SC at an application rate of 120 to 225 ml product per ha, and to change the application rate for control of spider mites on potatoes from 225 ml product per ha to 120 to 225 ml product per ha.

### **Chemistry Assessment**

Not required.

### **Health Assessments**

Not required.

### **Environmental Assessment**

Not required.

### **Value Assessment**

The value information which was submitted in support of the new claims for Agri-Mek SC was a rationale based on use history in the USA. The rationale indicated that these uses are registered in the USA, and cited crop extension professionals who have observed control of 85% to 100% for Colorado potato beetle and 80-95% for potato psyllid. The rationale stated that the lower rate was for application under low pest pressure and the higher application rate was for application

under higher pest pressure. The rationale for the addition of a lower application rate for spider mites was that this rate was to be used under low pest pressure, in that observed control typically ranges from 85 to 100% under these conditions in the USA.

The submitted use history was sufficient to support the additional label claims, as it indicated that Agri-Mek SC can be expected to provide acceptable levels of control of Colorado potato beetles, potato psyllids and spider mites when applied at 120 to 225 ml product per ha on potato.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, Agri-Mek SC, and has found the information sufficient to add a new claim for control of Colorado potato beetles, potato psyllids, and spider mites at a rate of 120 to 225 ml product (10 to 19 g abamectin) per ha for use on potatoes to the product label.

## **References**

- 2583461 2015, Value Summary - Agri-mek SC on potatoes addition of new pest and rate range, DACO: 10.1
- 2583462 2015, Use History - Agri-mek SC on potatoes addition of new pest and rate range, DACO: 10.2.4
- 2583463 2015, US Agri-mek SC label, DACO: 1.5
- 2618282 2016, Correspondence, DACO: 0.8

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