

## Evaluation Report for Category B, Subcategory 3.1, 3.11 Application

**Application Number:** 2014-3718  
**Application:** Changes to Product Labels-Application Rate Increase or Decrease,  
Changes to Product Labels-New Pests  
**Product:** Admire 240 Flowable Systemic Insecticide  
**Registration Number:** 24094  
**Active ingredient (a.i.):** Imidacloprid  
**PMRA Document Number :** 3259720

### Purpose of Application

The purpose of this application was to add a pest to the product label of Admire 240 Flowable Systemic Insecticide, namely the control of Japanese beetle (*Popillia japonica*) on Crop Subgroup 13-07F (Small fruit vine climbing, except fuzzy kiwifruit) by foliar application.

Although the applicant had originally proposed a maximum application rate of 55.2 g a.i./ha for this use, they amended it to 48 g a.i./ha during the course of the review of this application, which is not an increase since it is the currently registered maximum single application rate for the foliar use of this product on this crop subgroup.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

The amendments to the product label have no impact on the acute toxicological profile of this product.

The occupational exposure and risk from the addition of a new pest to the Admire 240 Flowable Systemic Insecticide label were assessed. No risks of concern are expected from the new use, provided that workers follow the label directions and wear the personal protective equipment identified on the label.

Previously reviewed residue data from field trials conducted in/on grapes were reassessed in the framework of this application. The residue levels from use of Admire 240 Flowable Systemic Insecticide to control the new pest, Japanese beetle adult, on CSG 13-07F (Small fruit vine climbing, except fuzzy kiwifruit) are not expected to exceed the currently established MRL on CSG 13-07F (1.5 ppm) and, therefore, will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

### Environmental Assessment

As the application rates are not higher than those registered, applying the product for the control of Japanese beetle on CSG 13-07F (Small fruit vine climbing, except fuzzy kiwifruit) does not present an unacceptable risk to the environment. The environmental label statements were updated to reflect the risk mitigation measures in the recent re-evaluation decisions RVD2019-06 (*Imidacloprid and Its Associated End-use Products: Pollinator Re-evaluation*) and RVD2021-05 (*Imidacloprid and Its Associated End-use Products*).

### **Value Assessment**

Value information from four efficacy trials was provided to support a control claim for Japanese beetle adults at a rate of 175-229 mL/ha (42-55 g a.i./ha) of Admire 240 Flowable Insecticide. The information provided was sufficient to demonstrate control of Japanese beetles in CSG 13-07F at the amended rate of 48 g a.i./ha.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found the information sufficient to support the addition of this pest to the label.

### **References**

- 2004944 2010, Agricultural Handler Exposure Scenario Monograph: Open Cab Airblast Application of Liquid Sprays, DACO: 5.3,5.4
- 2115788 2008, Data submitted by the ARTF to Support Review of Agricultural Transfer Coefficients, DACO 5.6, CBI
- 1171508 1992. Imidacloprid (240FS) - Magnitude of the Residue on Grape. 433 Pages. DACO 7.4.2
- 1171509 1993. Imidacloprid (75WP & 240FS) - Magnitude of the Residue on Grape (Addendum I). 462 Pages. DACO 7.4.2
- 2455247 2014, Admire 240 Flowable Systemic Insecticide for Japanese Beetle Control on Crop Subgroups 13-B and 13-F, DACO: 10.2.3.1,10.2.3.3(D)
- 2455248 2014, Admire 240 Flowable Systemic Insecticide for Japanese Beetle Control on Crop Subgroups 13-B and 13-F, DACO: 10.2.3.1

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