

## Evaluation Report for Category C, Subcategory 3.11 Application

**Application Number:** 2012-2916  
**Application:** Application control of wild buckwheat and lady's thumb with a pre-plant surface application in soybean  
**Product:** Integrity Herbicide  
**Registration Number:** Reg. No. 29371  
**Active ingredients (a.i.):** Saflufenacil, at 68 g/L and dimethenamid-p at 600 g/L  
**PMRA Document Number :** 2237011

### Background

Integrity Herbicide (Reg. No. 29371), a registered herbicide containing saflufenacil at 68 g/L and dimethenamid-p at 600 g/L, is an emulsifiable concentrate herbicide registered for pre-plant incorporated, pre-plant and pre-emergent application for the control of grasses and broadleaf weeds in corn (field and sweet) and soybean. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

### Purpose of Application

The purpose of this application is to add wild buckwheat and lady's thumb, both up to the 6-leaf stage, to the list of weeds controlled with a pre-plant surface application of the tank-mix Integrity Herbicide at 25 g ai/ha of saflufenacil + 222 g ai/ha of dimethenamid-p + glyphosate + Merge at 1L/ha for use in soybean.

### Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since the use pattern, including host crops, application rates and timings, of the component products remained unchanged.

### Value Assessment

A rationale based on previously submitted and reviewed data was submitted. Based on the information made available for review, a claim of control of wild buckwheat and lady's thumb (up to the 6-leaf stage) can be supported with a pre-plant surface application of Integrity Herbicide 25 g ai/ha of saflufenacil + 222 g ai/ha of dimethenamid-p + glyphosate + Merge at 1L/ha for use in soybean.

### Conclusion

The PMRA completed an evaluation of the subject application and found the information sufficient to amend the label of Integrity Herbicide in order to include the

proposed changes.

## **References**

### **A. List of Studies/Information Submitted by Registrant**

2213068 Waiver Request for the Exemption of Efficacy Studies Based on Previously Submitted and Reviewed Data. DACO Part 10 Value. August 3, 2012.

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