

## Evaluation Report for Category B, Subcategory B.3.11 Application (New or Changes to Product Label – New Pests)

**Application Number:** 2015-1709  
**Application:** Category B.3.11 (New or changes to product label – New pests)  
**Product:** Eragon LQ Herbicide  
**Active Ingredient (a.i.):** 342 g/L saflufenacil  
**Registration Number:** 31469  
**PMRA Document Number :** 2542352

### Background

Eragon LQ Herbicide is registered for pre-plant or pre-emergent application for control of broadleaf weeds in a number of crops, for pre-harvest weed management in wheat, barley, and triticale, and for harvest aid in soybeans, dry beans, and canola in eastern Canada. 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 was to amend the registration of Eragon LQ Herbicide to include a claim of improved dry down of redroot pigweed and wild buckwheat when it is applied as a pre-harvest treatment at the labeled rate of 25-50 g a.i./ha or in tank mix with a glyphosate herbicide at 900 g a.e./ha.

### Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

### Value Assessment

Green weeds appearing in small grain cereal fields during harvest may cause an increase in grain moisture and grain staining which may reduce grain grades causing economic losses. The inclusion of improved dry down of redroot pigweed and wild buckwheat for the pre-harvest application would allow farmers to manage these problematic weeds during the harvest of wheat, barley and triticale.

Value information, which included data from 13 field trials conducted in spring wheat and spring barley in the Canadian Prairies between 2012 and 2014, demonstrated that the application of Eragon LQ Herbicide alone or in tank mix with a glyphosate herbicide at their labelled rates provided improved dry down of redroot pigweed and wild buckwheat over the untreated control as well as improved dry down of wild buckwheat over the glyphosate herbicide treatment.

## **Conclusion**

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Eragon LQ Herbicide to include the claim of improved dry down of redroot pigweed and wild buckwheat for the pre-harvest application in wheat, barley, and triticale.

## **Reference**

List of Studies/Information Submitted by Registrant

PMRA # 2527018 2015, Heat LQ and Eragon LQ Herbicide: Pre-harvest weed management (improved weed dry-down) of redroot pigweed and wild buckwheat in cereals (wheat, barley and triticale), DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3, and 10.3.

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