

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

Application Number: 2015-1801
Application: Category B.3.11 (New or changes to product label – New pests)
Product: Eragon LQ Herbicide
Registration Number: 31469
Active Ingredient (a.i.): 342 g/L saflufenacil
PMRA Document Number : 2536071

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 as a 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 claims of improved dry-down of glyphosate resistant biotypes of Canada fleabane and common ragweed when 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 claims of improved dry-down of glyphosate resistant biotypes of Canada fleabane and common ragweed for the pre-harvest application timing would allow farmers to manage these problematic weeds during the harvest of wheat, barley and triticale.

Value information, which included data from three field trials conducted in Ontario in 2013, demonstrated that the application of Eragon LQ Herbicide alone or in tank mix with a glyphosate herbicide at their respective labelled rates can be expected to result in improved dry-down of glyphosate resistant biotypes of Canada fleabane and common ragweed relative to glyphosate alone.

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 claims of improved dry-down of glyphosate resistant biotypes of Canada fleabane and common ragweed when applied as a pre-harvest treatment in wheat, barley, and triticale or in tank mix with glyphosate in wheat and barley.

Reference

List of Studies/Information Submitted by Registrant

PMRA # 2341566 2013, Clarification response for application numbers 2013-3560 and 2013-3576, DACO: 10.2, 10.2.3, 10.2.3.1, and 10.2.3.3.

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