

Evaluation Report for Category C Streamlined Application

Application Number: 2010-0262
Application: Streamlined Category C
Product: Assure II Herbicide
Registration Number: 25462
Active ingredients (a.i.): quizalofop-p-ethyl
PMRA Document Number: 1915694

Background

Assure II Herbicide (Reg. No. 25462) has been registered since April 22, 1998. Assure II Herbicide is registered for post-emergent use across Canada for the selective control of annual and perennial grass weeds in a range of broadleaf crops. 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 Assure II Herbicide to include a claim for control of foxtail barley.

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 remained unchanged.

Value Assessment

Efficacy data were submitted from a total of five field trials conducted in Alberta between 1995 and 1997. In all trials for which data were provided, Assure was evaluated for control of foxtail barley growing in flax. Assure was a former, less concentrated formulation of Assure II. The submitted data demonstrate that Assure II Herbicide can be expected to provide an acceptable level of season-long control for foxtail barley when applied at 48 g a.i./ha when foxtail barley is between the 3-4 leaf and the 2-3 tiller growth stage in all labeled crops.

Conclusion

The PMRA has completed an evaluation of the subject application and found the information sufficient to amend the registration of Assure II Herbicide to include a claim of season-long control of foxtail barley in all labeled crops treated with a post-emergence application of 48 g a.i./ha.

References

PMRA #1847591. 2009. Control of Foxtail Barley (*Hordeum jubatum* L.) with Quizalofop-P-ethyl. Value Summary. 30 pgs.

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