



Evaluation Report for Category C, Subcategory 3.11 Application

Application Number: 2013-0349
Application: Application to control of annual sowthistle with an application of PP-23235 Herbicide + MCPA ester
Product: PP-23235 Herbicide
Registration Number: Reg. No. 29262
Active ingredients (a.i.): Thifensulfuron-methyl at 23.1%, tribenuron-methyl at 23.1% and metsulfuron-methyl at 4.6%
PMRA Document Number : 2304363

Background

PP-23235 Herbicide (Reg. No. 29262), is registered for post-emergent use on spring wheat (including durum) and spring barley in the Prairie Provinces and the Peace River region of British Columbia, for selective post-emergent control or suppression of certain broadleaf weeds. PP-23235 Herbicide is a physical blend of 7.5 g ai/ha thifensulfuron methyl, 7.5 g ai/ha tribenuron methyl and 1.5 g ai/ha metsulfuron methyl. The use rate is 16.5 g ai/ha PP-23235 Herbicide + 0.2% v/v NIS when applied alone. 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 annual sowthistle to the tank-mix PP-23235 Herbicide at 16.5 g ai/ha + 280 g ai/ha of MCPA ester for use in spring wheat (including durum) and spring 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, of the component products remained unchanged.

Value Assessment

The applicant submitted six trials conducted in Western Canada between 2010 and 2012 in Alberta, Saskatchewan and Manitoba targeting annual sow-thistle. Small-scale field efficacy trials were conducted under a randomized complete block study design with 4 replicates. These trials demonstrate that PP-23235 Herbicide + MCPA Ester Herbicide provide acceptable levels of annual sow-thistle control.

Conclusion

The PMRA completed an evaluation of the subject application and found the information sufficient to amend the label of PP-23235 Herbicide in order to include the proposed change.

References

A. List of Studies/Information Submitted by Registrant

2266622 PP-23235 Herbicide + MCPA ester Herbicide for Control of Annual Sow-thistle.
12 December 2012.

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