

PP23235 Herbicide

Evaluation Report for Category C, Subcategory C.3.10, C.3.11 Application

Application Number: 2009-1504
Application: Streamlined Category C C.3.11, C.3.10
Product: PP-23235 Herbicide
Registration Number: 29262
Active ingredients (a.i.): [thifensulfuron-methyl/ tribenuron-methyl/ metsulfuron-methyl]
PMRA Document Number : 1943715

Background

PP-23235 Herbicide (Reg. No. 29262) is registered for post emergence use on wheat (spring and durum) and spring barley for the control of certain broadleaf weeds. PP-23235 Herbicide is for use in the Prairie Provinces and the Peace River Region of British Columbia only.

Purpose of Application

The purpose of this application was to amend the registration of PP-23235 Herbicide to include a claim of control for wild oat, green foxtail and volunteer imazethapyr tolerant canola varieties when tank mixed with Horizon 240EC Herbicide plus MCPA Ester. The registered application rate remains unchanged, and there is no change to crop or crop growth stage.

Chemistry, Health and Environmental Assessment

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, rates and timings remain unchanged.

Value Assessment

Data from six field trials conducted in AB, SK and MB in 2007-2008 were submitted in which the efficacy of PP-23235 Herbicide applied post emergence at 16.5 g a.i./ha in tank mixture with 56 g a.i./ha Horizon 240EC Herbicide in spring wheat (including durum) for control of wild oat was evaluated.

The efficacy data provided demonstrate that consistent control of wild oat can be expected following a post emergence application of PP-23235 Herbicide in tank mixture with Horizon 240EC Herbicide and MCPA Ester. Given the results for the control of wild oat a similar control claim for green foxtail can also be supported.

In addition, a rationale was provided by the registrant, seeking to add a control claim for volunteer imazethapyr tolerant canola varieties when PP-23235 Herbicide is tank mixed with MCPA Ester, given that the same claim appears on the Refine SG Herbicide label when tank mixed with MCPA Ester with or without Horizon240EC. The rationale provided by the registrant is sufficient to support a claim of control of volunteer imazethapyr tolerant canola varieties for PP-23235 Herbicide when tank mixed with MCPA Ester or Horizon 240EC plus MCPA Ester.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of PP-23235 Herbicide to include a claim of control for wild oat, green foxtail and volunteer imazethapyr tolerant canola varieties when tank mixed with Horizon 240 EC Herbicide plus MCPA Ester.

References

PMRA # 1749783 Value summary DACO's 10.1,10.2.3,10.2.3.1,10.2.3.3(B),10.3.1,10.3.2(A) p. 155

ISSN: 1911-8082

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