

New or Change to Product Label - Tank Mixes Evaluation Report for Category C, Subcategory C.3.10 Application

Application Number: 2007-7387
Application: Category C, Subcategory C.3.10 - New or Change to Product Label - Tank Mixes
Product: Frontline XL Herbicide
Registration Number: 28804
Active ingredients (a.i.): florasulam at 4g/L, MCPA at 280g/L
PMRA Document Number: 1565792

Background

Frontline XL Herbicide has been registered since July 20, 1999. Frontline XL Herbicide is registered in the Prairie Provinces and the Peace River Region of British Columbia only for control of grass and broadleaf weeds in spring wheat and barley. It may be applied post emergent at the rate of 355g a.i./ha with the option of additional MCPA at 70g a.i./ha for improved control of certain difficult to control species identified on the label. 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 registrant has applied to amend the registration of Frontline XL Herbicide (Reg. No. 28804), containing 4g/L florasulam and 280g/L MCPA to include a tank mix with Axial 100 EC Herbicide (Reg. No. 28642) containing 0.6g/L pinoxaden and 0.7% v/v of the adjuvant Adigor for the control of labelled grassy and broadleaf weeds in spring wheat and barley.

Chemistry Assessment

Not Required

Health Assessments

Not Required

Environmental Assessment

Not Required

Value Assessment

For this application, the registrant submitted crop tolerance and efficacy data from a total of 6 field trials conducted in Manitoba, Saskatchewan and Alberta to support the proposed tank mixture of 355g a.i./ha Frontline XL Herbicide + 60g a.i./ha Axial 100 EC Herbicide + 0.7% v/v Adigor. The data provided were determined to be adequate to support a tank mixture of florasulam/MCPA + pinoxaden + Adigor in spring wheat and barley.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of the Frontline XL Herbicide label to include a tank mix with Axial 100 EC Herbicide + Adigor.

References

- PMRA# 1483746 2007. Field Trial reports, Dow AgroSciences Canada Inc. Weed Control DACO: 10.2.3(B).
- PMRA# 1483748 2007. DACO: 10.3.2(A) Summary Profile-Crop Tolerance, Dow AgroSciences Canada Inc.
- PMRA# 1499354 2007. DACO: Cat B Public Evaluation Report, November 2, 2007.
- REG 2006-14: Regulatory Note for Pinoxaden. pp. 123.

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