

Evaluation Report for Category B, Subcategory B.3.10 Application (New or Changes to Product Label – Tank Mixes)

Application Number: 2015-5645
Application: Category B.3.10 (New or changes to product label – Tank mixes)
Product: Infinity Herbicide
Registration Number: 28738
Active ingredients (a.i.): 37.5 g/L pyrasulfotole and 210 g/L bromoxynil
PMRA Document Number: 2613552

Background

Infinity Herbicide is registered for the post-emergent control of broadleaf weeds in small grain cereals and certain minor use 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 Infinity Herbicide to include Varro Herbicide or Axial BIA Herbicide as additional tankmix partners to the tank mixture of Infinity Herbicide + FX Herbicide for the additional control of grasses labelled for Varro Herbicide or Axial BIA Herbicide in spring wheat, durum wheat, and/or barley.

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

The inclusion of either Varro Herbicide or Axial BIA Herbicide as an additional component to the tank mixture of Infinity Herbicide + FX Herbicide will provide farmers an option to effectively manage both grass and broadleaf weeds with a more efficient one-pass application.

The value information submitted demonstrated that the addition of Varro Herbicide or Axial BIA Herbicide each at its labelled rate to the tank mixture of Infinity Herbicide + FX Herbicide can be expected to provide the additional control of grasses labelled for Varro Herbicide or Axial BIA Herbicide in spring wheat, durum wheat, and/or barley. The information included data from 17 replicated small plot trials conducted in Alberta, Manitoba, and Saskatchewan in 2015.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the requested amendments to the Infinity Herbicide label.

References

List of Studies/Information Submitted by Registrant

- PMRA # 2575242 2015, Value assessment of Infinity Herbicide in tank-mixture combination with FX Herbicide (fluroxypyr), DACO: 10, 10.1, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3(B), 10.3, 10.3.1, 10.3.2(A), 10.5, 10.5.1, 10.5.2, and 10.5.3.
- PMRA # 2575246 2015, Value assessment of Infinity Herbicide in tank-mixture combination with FX Herbicide (fluroxypyr) - Field trial reports, DACO: 10.2.3, 10.2.3.3(B), and 10.3.2(A).

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