

New Tank Mix

Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2022-3886
Application: New Tank Mix
Product: Interline Herbicide
Registration Number: 32860
Active ingredients (a.i.): Glufosinate ammonium
PMRA Document Number: 3417581

Background

Interline Herbicide, containing 150 g glufosinate ammonium/L was first registered on October 4, 2017. It is registered for foliar application to glufosinate ammonium-tolerant canola using ground or aerial application equipment for control or suppression of a broad spectrum of broadleaved and grass weed species. Interline Herbicide may be applied solo at 1.33-4.0 L product/ha depending on the weed spectrum. Interline Herbicide may also be applied at 2.67-4.0 L product/ha in a tank mix with Select Emulsifiable Concentrate Postemergence Herbicide at 63 mL product/ha or Clethodim 360 EC Herbicide at 42 mL product/ha. Alternatively, Interline Herbicide may be applied at 3.33-4.0 L product/ha in a tank mix with Select Emulsifiable Concentrate Postemergence Herbicide at 190 mL product/ha or Clethodim 360 EC Herbicide at 125 mL product/ha. 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 Interline Herbicide label to include the option of its application to glufosinate ammonium-tolerant canola at labelled rates in a tank mixture with the plant growth promoting supplement products "Ohm" or "Wave" that each contain extract of the aquatic plant, *Ascophyllum nodosum*. Ohm and Wave are labelled for application to canola at 500 mL and 150-220 mL product/ha, respectively. An additional purpose of this application was to include the option of applying labelled tank mixtures of Interline Herbicide plus either Select Emulsifiable Concentrate Postemergence Herbicide or Clethodim 360EC Herbicide plus a labelled adjuvant plus Ohm or Wave.

Chemistry Assessment

A chemistry assessment was not required as there was no change to the product formulation.

Health and Environmental Assessment

Health and environmental assessments were not required as there was no change to host crops, application methods and timings and since there was no increase in application rate.

Value Assessment

Value information was submitted in the form of efficacy and crop phytotoxicity data generated in multiple field trials. The data demonstrated that Ohm at 500 mL product/ha or Wave at 150 mL product/ha did not negatively impact the efficacy of Interline Herbicide or tank mixtures of Interline Herbicide plus either Select Emulsifiable Concentrate Postemergence Herbicide, including a labelled adjuvant, or another clethodim containing product at the same rate of active ingredient. The tolerance of glufosinate ammonium-tolerant canola to Interline Herbicide or to tank mixtures of Interline Herbicide plus clethodim was not affected by the addition of Ohm or Wave to the spray mixture.

The labelled tank mixtures of Interline Herbicide plus Ohm or Wave with or without addition of Select Emulsifiable Concentrate Postemergence Herbicide or Clethodim 360EC Herbicide presents growers of glufosinate ammonium-tolerant canola with a new one-pass option of applying these products.

Conclusion

The PMRA has conducted an assessment of the subject application and has determined that the submitted information is adequate to support the use of tank mixtures of Interline Herbicide plus labelled rates of Ohm or Wave with or without addition of Select Emulsifiable Concentrate Postemergence Herbicide or Clethodim 360EC Herbicide on glufosinate ammonium-tolerant canola at rates in accordance with the Interline Herbicide label.

References

List of Studies/Information Submitted by Registrant

Value Assessment

3391909	2022, Interline 150 / Canola / Efficacy, DACO: 10.2.3.3(B),10.3.2(A)
3391911	2022, Interline 150 / Canola / Efficacy, DACO: 10.2.3.3(B),10.3.2(A)
3391913	2022, Interline 150 / Canola / Efficacy, DACO: 10.2.3.3(B),10.3.2(A)

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