

Evaluation Report for Category B, Subcategory B.3.10 and 3.11 Application (New or Changes to Product Label – Tank Mixes and Pests)

Application Number: 2019-6806
Application: Category B.3.10 and 3.11 (New or changes to product label – Tank Mixes and Pests)
Product: Liberty 150 SN Herbicide
Registration Number: 28837
Active Ingredient (a.i.): 150 g/L glufosinate ammonium
PMRA Document Number : 3112874

Background

Liberty 150 SN Herbicide is registered for control of a broad spectrum of grasses and broadleaf weeds in LibertyLink canola. For specific details of uses, application rates, timings, and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this application was to modify the claim for enhanced and more consistent control of cleavers when applied in tank mix with Facet L Herbicide or Facet L Herbicide + Centurion EC.

Registered claim: Enhanced and more consistent control of cleavers (1-3 whorls) when applied at 3.33 L/ha in tank mix with Facet L Herbicide or Facet L Herbicide + Centurion EC in LibertyLink canola from the 2 to 6 leaf stage.

Modified claim: Enhanced and more consistent control of cleavers (1-6 whorls) when applied at 3.33-4.0 L/ha in tank mix with Facet L Herbicide or Facet L Herbicide + Centurion EC in LibertyLink canola from the cotyledon to 6 leaf stage.

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

Expansion of the growth stages for cleavers and the host LibertyLink canola, and the rate range for Liberty 150 SN Herbicide applied in tank mix with Facet L Herbicide or Facet L Herbicide + Centurion EC would provide farmers with greater flexibility in managing cleavers and other labelled weeds in LibertyLink canola. The Canada Seeds Act lists cleavers as a class 2 primary noxious weed.

Value information submitted for review consisted of scientific rationales and data from field trials conducted in the Prairie Provinces in 2019. This information demonstrated that the application of Liberty 150 SN Herbicide in combination with Facet L Herbicide or Facet L Herbicide + Centurion EC as per the label instruction can be expected to provide enhanced and more consistent control of cleavers from the 1- to 6-whorl stage. LibertyLink canola from the cotyledon to 6-leaf stage can be expected to have an

adequate margin of tolerance to the modified tank mixtures.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the requested amendment to the Liberty 150 SN Herbicide label.

References

List of Studies/Information Submitted by Registrant

PMRA # 3063694 2019, Facet L (active ingredient: quinclorac): Application to register Facet L + Liberty 150 SN for control of 6-whorl cleavers in LibertyLink Canola, DACO: 10.1, 10.2, 10.2.3.1, and 10.2.3.3.

PMRA # 3063696 2019, Individual trial reports, DACO: 10.2.3.3(B).

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