



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: 2019-6800
Application: Category B.3.10 and 3.11 (New or changes to product label – Tank Mixes and Pests)
Product: Facet L Herbicide
Registration Number: 31539
Active ingredient (a.i.): 180 g/L quinclorac, present as the dimethylamine salt
PMRA Document Number: 3111859

Background

Facet L Herbicide is a soluble liquid herbicide for selective post emergence control of cleavers, green foxtail, volunteer flax, and barnyard grass and suppression of annual and perennial sow-thistle in spring and durum wheat, spring barley, canary seed, and canola. 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 modify the claim for enhanced and more consistent control of cleavers when applied in tank mix with Liberty 150 SN Herbicide or Liberty 150 SN Herbicide + Centurion EC.

Registered claim: Enhanced and more consistent control of cleavers (1-3 whorls) when applied in tank mix with Liberty 150 SN Herbicide at 3.33 L/ha or Liberty 150 SN Herbicide at 3.33 L/ha + Centurion EC at 63-190 mL/ha in LibertyLink canola from the 2 to 6 leaf stage.

Modified claim: Enhanced and more consistent control of cleavers (1-6 whorls) when applied in tank mix with Liberty 150 SN Herbicide at 3.33-4.0 L/ha or Liberty 150 SN Herbicide at 3.33-4.0 L/ha + Centurion EC at 63-190 mL/ha 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 the tank mixtures would provide farmers with greater flexibility in managing cleavers and other weeds controlled by Liberty 150 SN Herbicide 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 Facet L Herbicide in combination with Liberty 150 SN Herbicide or Liberty 150 SN Herbicide + Centurion EC as per the label instructions can be expected to provide enhanced and more consistent control of cleavers from the 1- to 6-whorl stage and control of additional weeds on the Liberty 150 SN label. 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 amendments to the Facet L 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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