

Evaluation Report for Category B, Subcategories B.3.1 and 3.10 Application (New or Changes to Product Label – Application Rate Increases or Decreases and Tank Mixes)

Application Number: 2023-2772
Application: Category B.3.1 and 3.10 (New or changes to product label – Application rate increase or decrease and tank mixes)
Product: Eragon LQ Herbicide
Registration Number: 31469
Active Ingredient (a.i.): 342 g/L saflufenacil
PMRA Document Number: 3499415

Purpose of Application

The purpose of this application is to amend the Eragon LQ Herbicide label for harvest aid / desiccation use in canola and pre-harvest weed management in wheat, barley, and/or triticale when applied alone or in tank mix with glyphosate herbicide as follows:

- (1) Adjust the spray volume from 200 L/ha of water to a minimum of 200 L/ha of water for harvest aid / desiccation use in canola.
- (2) Adjust the spray volume from 100-200 L/ha of water to a minimum of 200 L/ha of water for pre-harvest weed management in wheat, barley, and/or triticale.
- (3) Adjust the application rate for Merge Adjuvant from 1 L/ha to 1-2 L/ha for the abovementioned uses.

Additionally, the general tank mix statement on the PMRA Guidance Document – Tank Mix Labelling was also added to the label.

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

Flexibility in the spray volume of Eragon LQ Herbicide and the rate of Merge Adjuvant that is used based on the density of the crop canopy may assist in more consistent coverage and result in a more thorough dry down in canola and pre-harvest weed management in small grain cereals.

Value information in the form of a scientific rationale was submitted to support the adjustments of spray volume and Merge Adjuvant rate for harvest aid / desiccation use in canola and pre-harvest weed management in small grain cereals. The rationale was reviewed and considered supportive. In addition, the adjusted Merge Adjuvant rate still falls within the rate range that currently appears on the Merge Adjuvant label when applied with Eragon herbicides.

Furthermore, the inclusion of the general tank mixing statement on the label allows growers greater flexibility to select tank mixtures to control pests in labelled crops. Flexibility in the selection of tank mix partners may contribute to resistance management practices, integrated pest management programs or the control of a broader range of pests, with an associated cost- and time-savings by the user.

Conclusion

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

References

List of Studies/Information Submitted by Registrant

PMRA # 3475502 2023, Value considerations for adjustment of Merge Adjuvant rate and water volume on Eragon LQ label for harvest aid / desiccation in canola and pre-harvest weed management in wheat, barley, and triticale, DACO: 10.1, 10.4, 10.5.2, and 10.6.

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