

Evaluation Report for Category B, Subcategory B 3.11 Application (New or Changes to Product Label – New Pests)

Application Number: 2021-5609
Application: Category B 3.11 (New or changes to product label – new pests)
Product: Laudis Herbicide
Registration Number: 31721
Active Ingredient (a.i.): 420 g/L tembotrione
PMRA Document Number: 3325742

Background

Laudis Herbicide is registered for post-emergent weed control in field and sweet corn. It is recommended for application at 145-220 mL/ha based on the weed spectrum and is to be used with Hasten Spray Adjuvant at 1.75 L/ha + 28% UAN at 3.5 L/ha. In field corn, Laudis Herbicide may be applied in tank mix with label-listed herbicides, including Aatrex Liquid 480 or Pardner, at their respective label rates for management of a broader spectrum of weeds. 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:

- (1) To include a claim for control of volunteer canola up to the 6-leaf stage when it is applied alone at the labelled high rate of 220 mL/ha.
- (2) To include a claim for improved control of volunteer canola up to the 6-leaf stage when it is applied in combination with the labelled tank mix partners Aatrex Liquid 480 or Pardner.
- (3) To add MSO, COC, and HSOC as alternative adjuvants to Hasten Spray Adjuvant and AMS as an alternative fertilizer to UAN.

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

Value information submitted for review consisted of a scientific rationale, historic information, precedent registration information, and data from replicated field trials.

Data from the replicated field trials demonstrated that the application of Laudis Herbicide provided acceptable control of volunteer canola and the application of Laudis Herbicide in tank mix with Aatrex Liquid 480 and Pardner provided improved control of volunteer canola.

The historic information, scientific rationale, and precedent registration information collectively demonstrated that inclusion of MSO, COC, and HSOC as alternatives to Hasten Spray Adjuvant and AMS as an alternative to UAN has acceptable value.

Expansion of the Laudis Herbicide label as requested provides users with a useful tool to manage volunteer canola (including glyphosate-resistant) and more flexibility to choose adjuvants and liquid nitrogen fertilizer based on product availability in the marketplace or personal preference.

Conclusion

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

References

List of Studies/Information Submitted by Registrant

- PMRA # 3278779 2021, Laudis Herbicide: Data supporting the addition of volunteer canola to the label, DACO: 10, 10.1, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.3, and 10.3.1.
- PMRA # 3278780 2021, Compilation of field trial reports: Data supporting the addition of volunteer canola to the label, DACO: 10, 10.2.3.3(B), and 10.3.2.

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