

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

Application Number: 2021-4860
Application: Category B.3.10 (New or changes to product label – Tank mixes)
Product: Laudis Herbicide
Registration Number: 31721
Active Ingredient (a.i.): 420 g/L tembotrione
PMRA Document Number: 3314959

Background

Laudis Herbicide was first registered March 11, 2015. Laudis Herbicide is registered for post-emergent weed control in field and sweet corn. It is labelled for application at 145 - 220 mL/ha based on weed spectrum with Hasten Spray Adjuvant at 1.75 L/ha and 28% UAN at 3.5 L/ha. In field corn, Laudis Herbicide may be applied in tank mix with listed herbicides, including with Roundup WeatherMax with Transorb 2 Technology Liquid, Roundup Transorb HC Liquid, Aatrex Liquid 480, and Pardner Herbicide, 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 to amend the registration of Laudis Herbicide to include the use of certain tank mixtures on sweet corn that are already registered for use on field corn, specifically with each of Roundup WeatherMax with Transorb 2 Technology Liquid, Roundup Transorb HC Liquid, Aatrex Liquid 480, and Pardner Herbicide.

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

Tank mixtures of Laudis Herbicide with Aatrex Liquid 480 Herbicide and Pardner Herbicide are acceptable for use on sweet corn since these tank mix partner products are already registered for use on sweet corn and would be applied in the tank mixture with Laudis Herbicide at the same application rates, timings, and methods as when applied solo. Furthermore, the labels of Aatrex Liquid 480 Herbicide and Pardner Herbicide do not contraindicate their use in tank mixtures on sweet corn.

The expansion of the Laudis Herbicide label to include the option of applying these tank mixtures on sweet corn provides growers additional flexibility to employ Laudis Herbicide to manage a broader spectrum of weeds in this crop.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Laudis Herbicide to include its application in the tank mixture with either Aatrex Liquid 480 Herbicide or Pardner Herbicide to sweet corn.

References

List of Studies/Information Submitted by Registrant

PMRA # 3267820 2021, Laudis Herbicide: Rationale supporting the addition of registered tank-mix partners in sweet corn, DACO: 10, 10.1, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, and 10.2.3.3(B).

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