

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

Application Number: 2020-0726
Application: Category B.3.10 (New or changes to product label – Tank mixes)
Product: Barricade SG Herbicide
Registration Number: 29544
Active Ingredient (a.i.): thifensulfuron-methyl and tribenuron-methyl each at 25%
PMRA Document Number: 3116953

Background

Barricade SG Herbicide is registered for post-emergent control of broadleaf weeds in wheat (spring, durum, and winter), spring barley, oats, and certain grasses. It is recommended for application alone or in tank mixture with listed herbicides, including Perimeter Herbicide, Perimeter II Herbicide, or Perimeter II Herbicide + MCPA Ester. 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 is to include the following statements and use:

- Perimeter II Herbicide as a tank mix partner may be substituted with any equivalent 333 g a.e./L fluroxypyr products at the same rates.
- Perimeter Herbicide as a tank mix partner may be substituted with any equivalent 180 g a.e./L fluroxypyr products at the same rates.
- Oats to the registered tank mixture of Barricade SG Herbicide + Perimeter II Herbicide + MCPA Ester.

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 was in the form of scientific rationale. The information is considered sufficient to support the inclusion of (1) the statement indicating that Perimeter II Herbicide may be substituted with any equivalent 333 g a.e./L fluroxypyr products at the same rates, (2) the statement indicating that Perimeter Herbicide may be substituted with an equivalent 180 g a.e./L fluroxypyr product, for which the tank mixture is permitted, at the same rate, and (3) oats to the tank mixture of Barricade SG Herbicide + Perimeter II Herbicide + MCPA Ester.

The requested amendments to the Barricade SG Herbicide label provides growers (1) greater flexibility to choose their preferred brand of fluroxypyr to tank mix with Barricade SG and (2) an additional option for the control of a broader spectrum of broadleaf weeds in oats.

Conclusion

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

References

List of Studies/Information Submitted by Registrant

PMRA # 3093996 2020, Rationale to support the tank mix of Barricade SG plus equivalent fluroxypyr brands, DACO: 10.

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