

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

Application Number: 2021-0984
Application: Category B.3.11 (New or changes to product label – New pests)
Product: Barricade SG Herbicide
Registration Number: 29544
Active Ingredient (a.i.): thifensulfuron-methyl and tribenuron-methyl each at 25%
PMRA Document Number: 3248990

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 mix with listed herbicides, including a listed fluroxypyr containing herbicide +/- MCPA Ester and/or a listed graminicide. 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 Barricade SG Herbicide to expand the application stage for kochia from “seedling to 8-leaf” to “up to 10 cm” when it is applied in tank mix with a listed fluroxypyr containing herbicide at 70 g a.i./ha +/- MCPA Ester and/or a listed graminicides.

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

The expansion of application stage for kochia provides users more flexibility to choose the application time for control of kochia.

Value information submitted for review was in the form of scientific rationale based on a precedent registration. The information supports the expansion of application stage for kochia from “seedling to 8-leaf” to “up to 10 cm” when it is applied in tank mix with a product containing fluroxypyr at 70 g a.e./ha.

Conclusion

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

Reference

List of Studies/Information Submitted by Registrant

PMRA # 3207909 2021, Rationale to support an increased application stage for kochia with a tank mix of Barricade SG plus fluroxypyr, DACO: 10.1, 10.2, and 10.2.3.1.

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