

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

Application Number: 2020-1335
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: 3150743

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 Perimeter II + MCPA Ester and Perimeter II + MCPA Ester + 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 is to include a control claim for tufted vetch up to 15 cm in height on the Barricade SG Herbicide label when it is applied in tank mix with (1) Perimeter II + MCPA Ester or (2) Perimeter II + MCPA Ester + a listed graminicide.

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 data from replicated field trials, which were conducted in 2018. This information demonstrated that the application of Barricade SG Herbicide in tank mix with Perimeter II + MCPA Ester as per the label instructions can be expected to provide acceptable control of tufted vetch up to 15 cm in height. The result can also be extrapolated to the tank mixture of Barricade SG Herbicide + Perimeter II + MCPA Ester + Simplicity or Traxos.

Expansion of the weed spectrum for these tank mixtures provides growers with additional options to manage the hard-to-control tufted vetch in wheat (spring, durum, and winter) and spring barley.

Conclusion

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

Reference

PMRA # 3110523 2020, Barricade SG + Perimeter II Herbicide + MCPA Ester for control of tufted vetch in wheat (spring, durum, and winter) and barley, DACO: 10.2.3.3, 10.2.3.3(B), and 10.3.2(A).

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