

Evaluation Report for Category B, Subcategory 3.10, 3.11 Application

Application Number: 2023-1120
Application: New or Changes to Product Label – Tank Mixes, New Pests
Applicant: FMC of Canada Limited (FMA)
Product: Barricade SG
Registration Number: 29544
Active ingredient(s): 25% Thifensulfuron-methyl, 25% Tribenuron-methyl
PMRA Document Number: 3458717

Background

Barricade SG is a soluble granule herbicide containing tribenuron-methyl and thifensulfuron-methyl each at 25% and is registered for the control of labelled weeds in wheat (durum, spring and winter), spring barley and oats. 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 the subject application is to add:

- (1) wild carrot as a weed suppressed by the registered tank mixture of Barricade SG + Perimeter II Herbicide + MCPA Ester.
- (2) the general tank mixing statement appearing in the PMRA Guidance Document – Tank Mix Labelling (March 16, 2023).

Chemistry, Health and Environmental Assessment

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

Value Assessment

The addition of suppression of wild carrot to the Barricade SG label provides growers with an additional option to suppress this hard to manage weed in wheat (spring, durum and winter), spring barley and oats.

The applicant submitted information that included scientific rationales and data from small-scale efficacy trials conducted between 2021 and 2022 in Ontario. The value information demonstrated that an application of Barricade SG + Perimeter II Herbicide + MCPA Ester at the registered application rate and applied as per label directions can be expected to provide acceptable suppression of wild carrot, and therefore wild carrot is supported for inclusion as a weed suppressed on the Barricade SG product label for this tank mixture.

Additionally, a thorough review of the label determined that the addition of the general tank mixing statement is acceptable as it is consistent with the requirements in the PMRA Guidance Document – Tank Mix Labelling (March 16, 2023).

The inclusion of the general tank mixing statement on the label allows growers greater flexibility to select tank mixtures to control pests in labelled crops. Flexibility in the selection of tank mix partners may contribute to resistance management practices, integrated pest management programs or the control of a broader range of pests, with an associated cost- and time-savings by the user.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found the information acceptable to include wild carrot as a weed suppressed by the tank mixture application of Barricade SG + Perimeter II Herbicide + MCPA Ester applied per label directions. Additionally, the inclusion of the general tank mixing statement is acceptable as it is consistent with the requirements in the PMRA Guidance Document – Tank Mix Labelling (March 16, 2023).

References

- 3447191 2023, Barricade SG + Perimeter II Herbicide + MCPA Ester for Suppression of Wild Carrot (*Daucas carota*), DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3, 10.2.3.3(B)

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