

## **Barricade SG Herbicide**

### **Evaluation Report for Category B Streamlined, Subcategory 3.10 Application**

**Application Number:** 2016-2291  
**Application:** Category B, Subcategory 3.10 Application (new or changes to product labels – tank mixes)  
**Product:** Barricade SG Herbicide  
**Registration Number:** Reg. No. 29544  
**Active ingredients (a.i.):** thifensulfuron-methyl / tribenuron-methyl [MMM / MEX]  
**PMRA Document Number:** 2678980

#### **Background**

Barricade SG Herbicide contains 25% w/w each of thifensulfuron-methyl and tribenuron-methyl (Group 2 Herbicide) and is registered for selective post-emergent control or suppression of broadleaf weeds in wheat (spring, winter and durum), spring barley and oats not underseeded to legumes or grasses, and in certain grasses for forage or seed production grown across Canada. 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 include the following tank mix:

Barricade SG Herbicide (15 g ai/ha) + Perimeter II Herbicide (70 g ai/ha) + MCPA ester (280 g ae/ha) for post-emergent use on wheat (spring, durum and winter) and spring barley grown across Canada.

#### **Chemistry, Health and Environmental Assessments**

A chemistry assessment was not required since there was no change to product chemistry. Health and Environmental assessments were not required since the use pattern, including host crops, application rates and timings of the component products remain unchanged.

#### **Value Assessment**

The new tank mix will provide cereal growers across Canada with a new treatment option to control a wide range of broadleaf weeds, and will also provide multiple modes of action that may assist in the management of weed resistance.

Given that the new tank mix will not introduce a new use direction that does not currently appear on the Barricade SG Herbicide label, inclusion of the tank mix on the Barricade SG Herbicide label can be supported without the provision of additional value information / data according to the “Value Guidelines for New Plant Protection Products and Label Amendments” published in April 2016.

### **Conclusion**

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Barricade SG Herbicide to include a new tank mix combination with Perimeter II Herbicide + MCPA ester, for the additional control of broadleaf weeds.

## References

<b>PMRA Doc Number</b>	<b>Reference</b>
2636691	2016, Rationale to Support the Tankmix of PP-2525 Herbicide + Perimeter II Herbicide + MCPA Ester, DACO: 10.1,10.2

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