

## **Barricade SG Herbicide**

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

**Application Number:** 2011-2075  
**Application:** Category C, Subcategory C.3.10 Application (addition of a tank mix)  
**Product:** Barricade SG Herbicide  
**Registration Number:** Reg. No. 29544  
**Active ingredients (a.i.):** thifensulfuron-methyl/tribenuron-methyl [MMM/MEX]  
**PMRA Document Number English PDF:** 2097108

#### **Background**

Barricade SG Herbicide (Reg. No. 29544) has been registered since January 6, 2010. Barricade SG Herbicide (a Master Copy of PP-2525; Reg. No. 29261) is a co-formulation containing 25% tribenuron methyl (Group 2 Herbicide) and 25% thifensulfuron methyl (Group 2 Herbicide) and registered for post emergence control or suppression of labelled broadleaf weeds. Barricade SG Herbicide is registered for use on wheat (spring and durum) and spring barley grown in the Prairie Provinces and the Peace River Region of British Columbia. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

#### **Purpose of Application**

E.I. du Pont Canada Company has applied to amend the registration of Barricade SG Herbicide to include the tank mixture of 15 g a.i./ha Barricade SG Herbicide + 70 g a.i./ha Perimeter II Herbicide (Reg. No. 30094) + 0.2% v/v non-ionic surfactant for the additional control of volunteer flax (up to 12 cm in height) and cleavers (at the 1 to 4 whorl stage) in spring wheat, durum wheat and spring barley grown in the Prairie Provinces and the Peace River region of British Columbia.

#### **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

A rationale was provided to support the tank mix of Perimeter II Herbicide with PP-2525 Herbicide (Barricade SG is a Master Copy of PP-2525). The rationale was sufficient to support the addition of Perimeter II Herbicide (70 g a.i./ha) + 0.2% v/v non-ionic surfactant in tank mixture with Barricade SG Herbicide (15 g a.i./ha) for the additional control of volunteer flax (up to 12 cm in height) and cleavers (at the 1 to 4 whorl stage) in spring wheat, durum wheat and spring barley. Further crop tolerance data are not required.

## 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 tank mixture with Perimeter II Herbicide + non-ionic surfactant for the additional control of volunteer flax (up to 12 cm in height) and cleavers (at the 1 to 4 whorl stage) in spring wheat, durum wheat and spring barley.

## References

### PMRA

#### Document

#### Number:      References

2052979.      2011. Rationale to Support the Tankmix of PP-2525 Herbicide + Perimeter II Herbicide.      DACO: 10.2.3.3,10.2.3.3(B),10.3.2(A).

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