



## Evaluation Report for Category B, Subcategory 3.12 Application

**Application Number:** 2010-5357  
**Application:** Changes to Product Labels  
**Product:** Barricade SG  
**Registration Number:** 29544  
**Active ingredients (a.i.):** tribenuron-methyl [MEX], thifensulfuron-methyl [MMM]  
**PMRA Document Number English PDF:** 2136243

### Purpose of Application

E.I. DuPont Canada Company has submitted an application to add a new crop, winter wheat, to the Barricade SG, applied alone or in tank-mix with MCPA ester or 2,4-D ester, as well as an expansion of the geographic use range of the product to include all of Canada.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

A toxicology assessment was not required, since there was no change to the formulation.

The rates for each active ingredient in the coformulation are within the currently registered label rates. All other aspects of the use pattern remain the same except for the expansion of the geography to all of Canada. Previously reviewed residue data from field trials conducted in/on barley and wheat were assessed in the framework of this petition and supported the national registration. The magnitude of the residues is expected to remain the same. Therefore, there is no anticipated increase in dietary exposure to thifensulfuron-methyl and tribenuron-methyl, and the addition of winter wheat and the national registration on wheat and barley will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

The use on winter wheat should not result in an increase in potential occupational or bystander (re-entry) exposure over registered uses of the active ingredients since the application rate, number of applications, frequency of application and method of application are the same as those registered for spring and durum wheat.

## **Environmental Assessment**

The proposed changes to the product label of Barricade SG will not result in an increase in environmental impact/risk relative to the existing registered products containing thifensulfuron-methyl or tribenuron methyl. Environmental concerns have been mitigated through adequate statements on the product label.

## **Value Assessment**

A rationale was provided in support of the addition of the winter wheat to the label and for the use expansion to all of Canada based on the similarity of Barricade SG Herbicide to PP-2525 Herbicide. The rationale was determined to be acceptable.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information available in support of Barricade SG and has found the information sufficient to support the addition of winter wheat to the label, applied alone or in tank-mix with MCPA ester or 2,4-D ester, and the expansion of geographic use to include all of Canada.

## **References**

1978366      2010, Rationale to Support New Uses of PP-2525 Herbicide, DACO:  
10.2.3.3,10.2.3.3(B),10.3.2(A)

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