

## Evaluation Report for Category C Streamlined Application

**Application Number:** 2009-4250  
**Application:** Streamlined Category C  
**Product:** Refine SG Herbicide  
**Registration Number:** 28285  
**Active ingredients (a.i.):** thifensulfuron methyl / tribenuron methyl  
**PMRA Document Number:** 1887492

### Background

Refine SG Herbicide is a co-formulation containing 16.65% tribenuron methyl (Group 2 Herbicide) and 33.35% thifensulfuron methyl (Group 2 Herbicide) and registered for the control of broadleaf weeds on wheat (spring, winter and durum), spring barley, oats and seedling and established grass species grown for forage and seed production. 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 Refine SG Herbicide to include the tank mixture of 15 g a.i./ha Refine SG + 54 g a.i./ha Starane + 0.2% v/v non-ionic surfactant for control of kochia (including Group 2 resistant biotypes) at the seedling to 8-leaf stage on spring wheat, durum wheat and spring barley in the Prairie Provinces and Peace River Region of British Columbia.

### Chemistry Assessment

A chemistry assessment was not required as there was no change to product chemistry.

### Health Assessment

A health assessment was not required as there was no change to the product formulation and use pattern.

## **Environmental Assessment**

An environmental assessment was not required as there was no change to the use site and pattern.

## **Value Assessment**

The efficacy data provided from eight field trials support the addition of Starane Herbicide in tank mixture with Refine SG Herbicide for the control of Group 2 resistant biotypes of kochia. Further crop tolerance data are not required.

## **Conclusions**

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Refine SG Herbicide to include the tank mixture of Refine SG Herbicide + Starane Herbicide + non-ionic surfactant for control of kochia (including Group 2 resistant biotypes) in spring wheat, durum wheat and spring barley.

## **References**

PMRA # 1811206. 2009. Efficacy of a Refine SG Herbicide tankmix with fluroxypyr on kochia, *Kochia scoparia*. DACO. 10.2.3.3 and 10.3.2. pp. 238.

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