

## Evaluation Report for Category C, Subcategory C.3.10 Application (New or Changes to the Tank Mixes)

**Application Number:** 2009-3170  
**Application:** Category C, Subcategory C.3.10 (new or changes to the tank mixes)  
**Product:** Harmony Broadleaf Herbicide  
**Registration Number:** 29116  
**Active ingredients (a.i.):** 16.65% tribenuron methyl and 33.35% thifensulfuron methyl  
**PMRA Document Number :** 1861472

### Background

Harmony Broadleaf Herbicide is a co-formulation containing 16.65% tribenuron methyl (Group 2 Herbicide) and 33.35% thifensulfuron methyl (Group 2 Herbicide) and registered for control of broadleaf weeds on wheat (spring, winter, or durum), spring barley and oats and seedling and established grass species 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 Harmony Broadleaf Herbicide to include the tank mixture of 15 g a.i./ha Harmony Broadleaf + 54 g a.i./ha Starane + 0.2% v/v non-ionic surfactant for control of cleavers at the 1-4 whorl 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**

Data from four efficacy trials were submitted for review under the submission 2009-3168. It was determined that the tank mixture of Refine SG Herbicide + Starane Herbicide + non-ionic surfactant can be supported for labelling (PMRA # 1860710). As Harmony Broadleaf Herbicide is a Master Copy of Refine Herbicide, and as such, the amendment to the registration of Harmony Broadleaf Herbicide to include the tank mixture of 15 g a.i./ha Harmony Broadleaf Herbicide + 54 g a.i./ha Starane Herbicide + 0.2% v/v non-ionic surfactant for control of cleavers at the 1-4 whorl stage in spring wheat, durum wheat, and spring barley can also be supported from a value standpoint.

## **Conclusions**

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Harmony Broadleaf Herbicide to include the tank mixture of Harmony Broadleaf Herbicide + Starane Herbicide + non-ionic surfactant for control of cleavers in spring wheat, durum wheat, and spring barley.

## **Reference**

List of Studies/Information Submitted by Registrant

PMRA # 1793295: Efficacy of a Refine SG Herbicide tankmix with fluroxypyr on cleavers, *Galium aparine*, L. E.I. du Pont Canada Company. DACO. 10.2.3.3 and 10.3.2. August 19, 2009. pp. 182

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