

## Evaluation Report for Category B.3.10 Application (New or Changes to Product Label – Tank Mixes)

**Application Number:** 2013-2264  
**Application:** Category B.3.10 (new or changes to product label – tank mixes)  
**Product:** M6316 SG Herbicide  
**Registration Number:** 28730  
**Active ingredients (a.i.):** 50% thifensulfuron-methyl  
**PMRA Document Number:** 2305995

### Background

M6316 SG Herbicide containing 50% thifensulfuron-methyl is registered for selective post-emergence control of broadleaf weeds in small grain cereals, imazamox and imazethapyr tolerant canola, and CDC Triffid flax. M6313 SG Herbicide can be applied alone at a rate of 30 g/ha plus a non-ionic surfactant at 0.2% v/v or with several tank mix options. 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 M6316 SG Herbicide to include a tank mix option, Starane II Herbicide at 0.21 L/ha, for additional control of cleavers (1-6 whorl).

### Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, and use site and pattern.

### Value Assessment

Value information in the form of a scientific rationale was submitted for review. The inclusion of the tank mix option of Starane II Herbicide is supported for the following reasons:

- Starane Herbicide (agronomically equivalent to Starane II Herbicide when applied at the same a.i. rate per hectare) is labelled as a tank mix option for several thifensulfuron-methyl containing products, e.g., Refine SG Herbicide (Reg. No. 28285; 33.35% thifensulfuron-methyl and 16.62% tribenuron-methyl).
- The use pattern and directions for the requested tank mix are supported by each respective herbicide component label.
- Registration of this tank mix will offer cereal growers an additional option for broadleaf weed control, including cleavers, in a one pass application.

## **Conclusions**

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of M6316 SG Herbicide to include the tank mix option of Starane II Herbicide.

## Reference

### List of Studies/Information Submitted by Registrant

PMRA # 2296317: Rationale to support the tank mix of M6316 SG Herbicide + fluroxypyr herbicide. Authored by E.I. du Pont Canada Company. DACO. 10. pp. 1

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