

## Evaluation Report for Category C, Subcategory C.3.11 Application (New or Changes to Product Label – New Pest)

**Application Number:** 2010-0834  
**Application:** Category C, Subcategory C.3.11 (new or changes to product label – new pests)  
**Product:** Solo WDG Herbicide  
**Registration Number:** 25496  
**Active ingredients (a.i.):** 70% imazamox  
**PMRA Document Number :** 1945290

### Background

Solo WDG Herbicide is presently registered at a rate of 20 g a.i./ha applied with Merge Adjuvant at 0.5% v/v for broadleaf weed and grass control in field peas, Clearfield canola, Clearfield lentils, and Clearfield sunflower. The tank mixture of Solo WDG Herbicide + Lontrel Dry Herbicide + Merge Adjuvant is labelled for wild buckwheat control in Clearfield canola. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

### Purpose of Application

BASF Canada Inc has applied to amend the registration of Solo WDG Herbicide to include top growth control claims for Canada thistle, annual sow thistle, and perennial sow thistle when tank mixing with Lontrel Dry Herbicide (Reg. No. 27306) in Clearfield canola.

### 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 or use pattern.

### Environmental Assessment

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

## **Value Assessment**

Efficacy data from 9 trials demonstrate that the requested tank mixture provided an acceptable level of Canada thistle top growth suppression with a mean control of 60.5% at 20-29 DAT and 68.9% at 42-50 DAT, an acceptable level of perennial sow thistle top growth suppression with a mean control of 73.6% at 20-29 DAT and 75.4% at 42-50 DAT, and an acceptable level of annual sow thistle control with a mean control of 89.3% at 20-29 DAT and 87.8% at 42-50 DAT. Therefore, a control claim for annual sow thistle and top growth suppression claims for Canada thistle and perennial sow thistle are supported for labeling.

Crop tolerance data are not required for an application to add new pest claims.

## **Conclusions**

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Solo WDG Herbicide to include a control claim for annual sow thistle and top growth suppression claims for Canada thistle and perennial sow thistle with the requested tank mixture.

## **Reference**

### List of Studies/Information Submitted by Registrant

- PMRA # 1868313: Application for Solo + Lontrel Dry tank mix in Clearfield canola for top growth control of Canada thistle, annual and perennial sow thistle. Authored by Drew et al., BASF. January 31, 2010. DACO 10, Value. pp. 16.
- PMRA # 1868317: Trial reports. BASF. DACO 10.2.3.3. pp. 72.

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