

## Evaluation Report for Category B, Subcategory 3.5 Application

**Application Number:** 2009-4576  
**Application:** Addition of re-cropping claim  
**Product:** Velocity 2 Herbicide  
**Registration Number:** 29051  
**Active ingredients (a.i.):** Pyrasulfotole (PSA)  
Bromoxynil (BRY)  
**PMRA Document Number English PDF:** 2006951

### Purpose of Application

The purpose of this application was to include a 10 month re-cropping interval for sunflowers and potatoes for Velocity 2 Herbicide which is currently registered for control and suppression of specific grass and broadleaf weeds in spring wheat and durum wheat.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

Toxicological and occupational exposure assessments were not required for this application.

Previously reviewed data were re-assessed in the context of the current application. The addition of a 10 month re-cropping interval for potato and sunflower to the Velocity 2 Herbicide label can be supported from the food residues perspective. Exposure to residues of pyrasulfotole and bromoxynil should not increase for any segment of the population.

### Environmental Assessment

An environmental assessment was not required for this application.

### Value Assessment

Rotational crop data from 23 field trials conducted over 4 assessment periods (2003-2004, 2005-2006, 2006-2007 and 2007-2008) at sites located across the prairie provinces and northern U.S. states were submitted to support a 10 month re-cropping interval for potato and sunflower on the Velocity 2 Herbicide label. The evidence included crop injury assessments and yield data.

Based on the information submitted, a 10 month re-cropping interval for potato and sunflower were supported from a rotational crop safety perspective.

### Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support for the product, Velocity 2 Herbicide, and has found the information sufficient to support the addition of a new re-cropping claim.

## **References**

*PMRA No.*     *Title*

1816578     2009, Infinity Herbicide (pyrasulfotole + bromoxynil) for broadleaf weed control  
in tame oats, DACO: 10, 10.3.3

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