



## Evaluation Report for Category B, Subcategory 3.12 Application

**Application Number:** 2013-4087  
**Application:** B.3.12 – New Site  
**Product:** Infinity Herbicide  
**Registration Number:** 28738  
**Active ingredients (a.i.):** Pyrasulfotole + Bromoxynil  
**PMRA Document Number:** 2351013

### Purpose of Application

The purpose of this application was to amend the Infinity Herbicide label to include application to durum wheat in Eastern Canada.

### Chemistry Assessment

Chemistry assessment was not required for this application.

### Health Assessments

Previously reviewed residue data were considered in the context of this application. As the use directions and restrictions for durum wheat are identical to those registered for durum wheat in Western Canada and for spring and winter wheat throughout Canada, no increase in magnitude of residues is expected for bromoxynil, pyrasulfotole or the safener mefenpyr-diethyl.

The resulting residues in/on treated wheat will be covered under the established MRLs of 0.05 ppm for bromoxynil, 0.02 ppm for pyrasulfotole including the metabolite pyrasulfotole-desmethyl, and 0.05 ppm for mefenpyr-diethyl including the metabolite HOE 094270, and will not pose an unacceptable health risk to any segment of the population, including infants, children, adults and seniors.

### Environmental Assessment

Infinity Herbicide has full registration status in Canada and there are no outstanding environmental data requirements for pyrasulfotole or bromoxynil. As the conditions of use for durum wheat in Eastern Canada are identical to those for other cereal crops throughout the country, no additional risk to the environment is expected from the removal of the Western Canada geographic restriction on this crop use. Existing statements on the product label are sufficient to mitigate potential environmental risks from use on durum wheat in Eastern Canada.

## **Value Assessment**

Value information consisting of a rationale and history of safe use in Western Canada were submitted for review. The rationale and use history from Western Canada support the use of Infinity Herbicide on durum wheat in Eastern Canada from a crop safety point of view.

The expansion of the use on durum wheat to include Eastern Canada will provide farmers an additional tool to manage weeds in durum wheat.

## **Conclusion**

PMRA has reviewed information provided in support of the amendment as described above. Based on this review, the amendment to the subject product are acceptable for registration.

## References

2330277 Value Summary DACO: 10.1, 10.2.3.1, 10.3.1.

ISSN: 1911-8082

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