



## Evaluation Report for Category B, Subcategory 3.9 Application

**Application Number:** 2017-0639

**Application:** B.3.9 - Change to Product Labels - Level of Control

**Product:** Infinity Herbicide

**Registration Number:** 28738

**Active ingredients (a.i.):** Bromoxynil and Pyrasulfotole

**PMRA Document Number :** 2764089

### Purpose of Application

The purpose of this application was to amend the Infinity Herbicide label to upgrade the claim of suppression of round leaved mallow to control with the addition of ammonium sulphate (AMS); and improved control of chickweed and hempnettle from the 1-8 leaf stages of growth when applied in tank mix with FX Herbicide.

### Chemistry, Health and Environmental Assessment

Chemistry, health and environmental assessments were not required for this application.

### Value Assessment

Round leaved mallow, chickweed and hempnettle are weeds that are prevalent in western Canada and can be difficult to control. The information provided for review included a discussion of the efficacy data from small scale field trials and scientific rationale.

- The upgraded claim for round leaved mallow from suppression to control with the addition of AMS was supported by data from three field trials that demonstrated acceptable control with Infinity + AMS at presently labelled rates, relative to two commercial standards.
- Improved control of chickweed up to the 8 leaf stage was demonstrated in three field trials with the tank mix of Infinity Herbicide + FX Herbicide.
- Improved control of hempnettle up to the 8 leaf stage was demonstrated in two field trials with the tank mix of Infinity Herbicide + FX Herbicide.

These changes to the Infinity Herbicide label will give more flexibility to users to manage these difficult to control weeds.

### Conclusion

The PMRA has reviewed the information provided to support the upgrade claim of specific weeds.

Based on the results of this review, the upgraded claims are acceptable.

## References

- 2724981      2017, Value Assessment of Infinity Herbicide in Tank-mixture Combination With FX Herbicide (fluroxypyr) - Data to support addition of round-leaved mallow and increased staging of chickweed and hempnettle to the label -, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3, 10.2.3.3(B), 10.3, 10.3.2(A), 10.3.3, 10.4, 10.5, 10.5.1, 10.5.2, 10.5.3
- 2724983      2017, COMPILATION OF TRIAL REPORTS: Value Assessment of Infinity Herbicide in Tank-mixture Combination With FX Herbicide (fluroxypyr) - Data to support addition of round-leaved mallow and increased staging of chickweed and hempnettle to the label -, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3, 10.2.3.3(B), 10.3, 10.3.2(A), 10.3.3, 10.4, 10.5, 10.5.1, 10.5.2, 10.5.3

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