



Evaluation Report for Category C Streamlined Application

Application Number: 2008-1770
Application: Streamlined Category C
Product: Infinity Herbicide
Registration Number: 28738
Active ingredients (a.i.): pyrasulfotole / bromoxynil
PMRA Document Number: 1629135

Background

Infinity is a post-emergent herbicide registered for the suppression or control of annual sow-thistle, chickweed, cleavers, Canada thistle, dandelion, flixweed, hemp-nettle, kochia, lamb's-quarters, pale smartweed, perennial sow-thistle, redroot pigweed, Russian thistle, shepherd's purse, stinkweed, volunteer canola, wild buckwheat, and wild mustard in wheat (spring, durum and winter), barley, timothy (seed production only), and triticale. Infinity Herbicide is formulated as an emulsifiable concentrate containing 37.5 g/L pyrasulfotole plus 210 g/L bromoxynil and includes a safener. Infinity Herbicide is registered for use in the above noted crops at an application rate of 0.83 L/ha.

Purpose of Application

The purpose of this application was to amend the registration of Infinity Herbicide to add two new weeds to the label, round-leaved mallow (suppression only) and common ragweed, at the currently labeled rate for use in the currently labeled crops.

Chemistry, Health and Environmental Assessment

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since the use pattern, including host crops, application rates and timings, of the component products remained unchanged.

Value Assessment

Data were submitted from a total of 20 field trials conducted throughout Alberta, Saskatchewan, Manitoba, Ontario and the northwestern U.S.A. from 2005-2007. Based on the data provided, the level of control reported for common ragweed with Infinity Herbicide was acceptable. For round-leaved mallow, the level of suppression obtained with Infinity Herbicide was also acceptable.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of the Infinity Herbicide label to include two new weeds, round-leaved mallow (suppression only) and common ragweed, at the currently labeled rate for use in the currently labeled crops.

References

- PMRA # 1601740 2008. Infinity Herbicide (pyrasulfotole + bromoxynil) data to support control of common ragweed and suppression of round-leaved mallow. DACO 10.2.3.3. p. 430.
- PMRA # 1420826 2006. Category A review – Infinity Herbicide. DACO 10.2.3.3. p. 85.

ISSN: 1911-8082

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