

Evaluation Report for Category C, Subcategory B.3.10 Application (New Tank Mixes)

Application Number: 2013-6934
Application: Category B, Subcategory B.3.10 (new tank mixes)
Product: Infinity Herbicide
Registration Number: 28738
Active ingredients (a.i.): 37.5 g/L pyrasulfotole, 210 g/L bromoxynil
PMRA Document Number : 2404785

Background

Infinity Herbicide is a selective herbicide registered for post-emergence control or suppression of grassy and broadleaf weeds in wheat (spring, durum and winter), barley, triticale, timothy (seed production only) and certain minor use crops across Canada. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this application was to amend registration of Infinity Herbicide to include a control claim for stork's bill in wheat (spring, winter and durum) and barley when applied in tank mix with 280 g ae/ha 2,4-D Ester Herbicide + ammonium sulphate (AMS).

Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

Value Assessment

The information submitted for review in support of the value requirement included data from four field trials conducted in Canada. The results indicate that Infinity Herbicide controls stork's bill when applied in tank mix with 2,4-D Ester + AMS. The field trials also indicate an acceptable level of crop tolerance. Stork's bill is an annual or winter annual weed with relatively few chemical control options. The option to add 2,4-D Ester + AMS as a tank mix partner will provide spring wheat growers a one-pass opportunity to control the broad range of weeds controlled by Infinity Herbicide alone including stork's bill..

Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Infinity Herbicide to include a control claim for stork's bill when applied in tank mix with 2,4-D Ester + AMS in wheat (spring, winter or durum) and barley.

Reference

List of Studies/Information Submitted by Registrant

2368041	Infinity, Tundra and Velocity M3 All-in-One Herbicides – Label expansion to include tank-mix with 2,4-D Ester for control of stork's-bill, DACO: 10.1, 10.2, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3(B)
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