

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

Application Number: 2013-6736
Application: Category B, Subcategory B.3.10 (new tank mixes)
Product: Velocity M3 All-In-One-Herbicide
Registration Number: 29584
Active ingredients (a.i.): 5 g/L thiencazoline-methyl, 31.3 g/L pyrasufotole, 175 g/L bromoxynil
PMRA Document Number : 2404769

Background

Velocity M3 All-In-One Herbicide is a selective herbicide registered for post-emergence control or suppression of grassy and broadleaf weeds in wheat (spring, durum and winter) in western 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 Velocity M3 Herbicide to include a control claim for stork's bill in spring wheat when applied in tank mix with 280 g ae/ha 2,4-D Ester Herbicide + ammonium sulphate (AMS) in spring wheat.

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 Velocity M3 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 when applied to spring wheat. 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 Velocity M3 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 Velocity M3 Herbicide to include a control claim for stork's bill when applied in tank mix with 2,4-D Ester + AMS for use on spring wheat.

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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