

New Pests Evaluation Report for Category C, Subcategory 3.11 Application

Application Number: 2009-4920
Application: New Pests
Product: Velocity A Herbicide
Registration Number: 29213
Active ingredients (a.i.): thien carbazone-methyl
PMRA Document Number : 1915075

Background

Velocity A Herbicide has been registered since May 1, 2009. It is registered only for use in a tank mixture with Velocity B Herbicide (Reg. No. 29214), as the “Velocity M3 Herbicide Tank-Mix” in the Peace River, Okanagan and Creston Flats regions of British Columbia. The “Velocity M3 Herbicide Tank-Mix” is applied post-emergence to spring wheat, including durum, to control or suppress several annual grass and broadleaved weed species. 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 the registration of Velocity A Herbicide to include a claim of suppression for Japanese brome grass and one of control for canary seed when applied in tank mixture with Velocity B Herbicide as the “Velocity M3 Herbicide Tank Mix.”

Chemistry, Health and Environmental Assessments

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 end use product remained unchanged.

Value Assessment

Data were submitted from two field trials in which control of canary seed was demonstrated following application of Velocity M3 Herbicide Tank Mix to spring wheat.

While no data were submitted for Japanese brome grass, a claim of suppression for this weed can be supported because:

- it is a supported claim for Velocity Herbicide (App. No. 2009-4690) and Velocity Herbicide is equivalent to Velocity A Herbicide.
- there was no evidence of antagonism of Velocity B Herbicide on that for control of another grassy weed, canary seed, under the present application; and,
- the five annual grass weed species for which control or suppression claims are registered for Velocity Herbicide, are also registered (with the same claims) for “Velocity M3 Herbicide Tank-Mix”, further indicating that Velocity B Herbicide is not expected to antagonize the activity of Velocity A Herbicide for the control or suppression of annual grass species.

Conclusions

The Agency has completed an assessment of the subject application and has found the information sufficient to amend the registration of Velocity A Herbicide to include a claim of suppression for Japanese brome grass and a claim of control for canary seed when applied in tank mixture with Velocity B Herbicide as the “Velocity M3 Herbicide Tank-Mix”.

References

List of Studies/Information Submitted by Registrant

Value Assessment

- PMRA No. 1825418 2009, Velocity herbicide (thiencarbazone-methyl) - Additional weeds: Data to support control of Canary seed and suppression of Japanese brome.

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