

Evaluation Report for Category B, Subcategory 3.1 Application

Application Number: 2015-7053
Application: Change in application rate
Product: Korrex A Herbicide
Registration Number: 31405
Active ingredients (a.i.): florasulam
PMRA Document Number : 2645971

Background

Korrex A Herbicide was first registered May 29, 2014. Korrex A Herbicide, formulated as water dispersible granules, contains 25% florasulam and is registered for spring or fall application at 20 g/ha (5 g a.e./ha) in a tank mixture with 115-120 g a.e./ha Korrex B Herbicide (480 g dicamba/L) plus 450 -2500 g a.e./ha of a glyphosate herbicide by ground sprayer equipment in the Prairie provinces and the Peace River region of B.C., for the control or suppression of several annual and perennial weed species prior to planting spring wheat, including durum, winter wheat, spring barley and oat, or as an initial treatment in summerfallow. 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 Korrex A Herbicide to include application in the spring at the reduced rate of 14 g/ha (3.5 g a.e./ha) in tank mixture with the same rates of both Korrex B Herbicide and a glyphosate herbicide prior to planting spring wheat, including durum, spring barley and oat or as an initial treatment in summerfallow for control or suppression of the same weeds that were already listed for this tank mixture that includes the full rate (5 g a.e./ha) of GF-1352 Herbicide.

Chemistry Assessment

A chemistry assessment was not required as there was no change to the product formulation.

Health and Environmental Assessment

Health and environmental assessments were not required as there was no change to the use pattern, including host crops, application methods, timings and rates, except for the reduced rate of Korrex A Herbicide.

Value Assessment

Application of the reduced rate of 14 g/ha Korrex A Herbicide in tank

mixture with 115-120 g a.e./ha Korrex B Herbicide plus 450-2500 g a.e./ha glyphosate in the spring prior to planting spring cereal crops or as an initial treatment in summerfallow will lower the cost to the grower as well as reduce the application rate of florasulam. The reduced rate of Korrex A Herbicide in the tank mixture with Korrex B Herbicide plus glyphosate will not impact the range of post-emergence herbicide options available to the grower.

The support for each of the requested efficacy claims was based on claims that are registered for glyphosate or dicamba applied alone at rates that are relevant to the tank mixture as well as data generated in small-scale field studies in which the efficacy of the tank mixture of the reduced rate of florasulam (3.5 g a.e./ha) plus 115 g a.e./ha dicamba plus 450 g a.e./ha glyphosate was directly compared to that of the same tank mixture, but with florasulam included at the full rate of 5 g a.e./ha, for control of volunteer canola, including volunteer glyphosate-tolerant canola, shepherd's purse, lamb's-quarters, and dandelion.

Conclusion

The PMRA has conducted an assessment of the subject application and has determined that the submitted information is adequate to support the labelling of a tank mixture of Korrex A Herbicide at the reduced rate of 14 g/ha (3.5 g a.e./ha) plus 115-120 g a.e./ha Korrex B Herbicide plus 450-2500 g a.e./ha of a glyphosate herbicide in the spring prior to planting spring wheat, including durum, spring barley and oat or as an initial treatment in summerfallow for control or suppression of labelled weeds.

References

List of Studies/Information Submitted by Registrant

Value Assessment

2594786	2015, Trial Reports (5) - Korrex A(GF-1352) Amended Rate Data, DACO: 10.2.3.3
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