

Evaluation Report for Category B, Subcategory B.3.11 Application (New or Changes to Product Label – New Pests)

Application Number: 2020-3017
Application: Category B.3.11 (New or changes to product label – New pests)
Product: GF-2257 Herbicide
Registration Number: 33289
Active Ingredient (a.i.): 5 g/L florasulam and 100 g/L fluroxypyr
PMRA Document Number: 3180878

Background

GF-2257 Herbicide is registered for post-emergent control of broadleaf weeds in wheat (spring, durum, and winter), spring barley, and oats. It is recommended for application alone or in tank mixt with one of the following herbicides: Tridem A, Avenza B, MCPA Ester 600, and 2,4-D Ester 700. 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 include efficacy claims below:

- (1) Control of narrow-leaved hawk's beard, dandelion, and perennial sow-thistle and suppression of Canada thistle when it is applied alone or in tank mix with Tridem A or Avenza B.
- (2) Control of Canada thistle when it is applied in tank mix with 2,4-D Ester or MCPA Ester.
- (3) Control of glyphosate-resistant kochia when it is applied alone or in tank mix with Tridem A or Avenza B.

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

Value information submitted for review consisted of a scientific rationale and data from replicated field trials, which were conducted in the Prairie Provinces between 2008 and 2019. The information demonstrated that the application of GF-2257 Herbicide alone or in tank mix with Tridem A or Avenza B as per the label instructions provided acceptable control of narrow-leaved hawk's beard and glyphosate resistant kochia, top growth control of dandelion and perennial sow-thistle, and suppression of Canada thistle. Top growth control of Canada thistle was achieved when GF-2257 Herbicide was applied in tank mix with 2,4-D Ester or MCPA Ester.

Expansion of the weed spectrum for GF-2257 Herbicide applied alone or in the tank mixtures provides growers with additional options to manage the hard-to-control perennial weeds, narrow-leaved hawk's beard, and glyphosate resistant kochia in wheat (spring, durum, and winter), spring barley, and oats.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the requested amendment to the GF-2257 Herbicide label.

References

- PMRA # 3137050 2020, GF-2257 perennial weed efficacy, DACO: 10.1 and 10.2.
PMRA # 3137052 2020, GF-2257 trial reports, DACO: 10.2.3.3.
PMRA # 3137053 2020, Kochia rationale, DACO: 10.2.3.3 and 10.3.2(A).

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