



Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2009-2421
Application: B.3.10 (Product labels – tank mixes)
Product: Reflex Liquid Herbicide
Registration Number: 24779
Active ingredients (a.i.): Fomesafen (FOF)
PMRA Document Number English PDF: 1855455

Purpose of Application

The purpose of this application was to add the new tank-mix partner, Venture L Herbicide (Registration number 21209; fluazifop-p-butyl), to the label of Reflex Liquid Herbicide (Registration number 24779; fomesafen) for use on dry edible beans and soybeans.

Chemistry Assessment

A chemistry assessment was not required on this application.

Health Assessments

No new residue data for fomasafen in dry edible beans and soybeans were submitted to support the tank-mixture of Reflex Liquid Herbicide (fomesafen) with Venture L Herbicide (fluazifop-p-butyl). These uses are currently registered under the same use patterns. Consequently, no increase in dietary exposure is anticipated.

Environmental Assessment

The current proposal to add a tank-mix with Venture L Herbicide (fluazifop-p-butyl) in dry edible bean crop production does not pose any additional risk to the environment. The label has adequate environmental precautionary statements and buffer zone statements to mitigate the environmental concerns provided that the product is applied by ground application. No environmental deficiencies were noted, therefore, no additional review was needed.

Value Assessment

Crop tolerance and yield data were submitted from dedicated crop tolerance trials conducted at two sites in southwestern Ontario in 2007. The data demonstrate that the tank mix of Reflex Liquid Herbicide + Venture L Herbicide do not cause unacceptable injury to dry edible bean of the species *Phaseolus vulgaris*. Based on all available information, the addition of the tank mix of Reflex Liquid Herbicide + Venture L Herbicide for use on dry edible bean (of the species *Phaseolus vulgaris*) can be supported from a crop tolerance perspective.

Conclusion

The PMRA has completed an assessment of available information and can support the addition of a new tank-mix partner on the label of Reflex Liquid Herbicide for use on dry edible beans and soybeans.

References

- PMRA # 1778215. 2009. Non-safety adverse effects. Summary. Syngenta Crop Protection Canada, Inc. 5 pgs. DACO 10.3.1.
- PMRA # 1778217. Non-safety adverse effects. Syngenta Crop Protection Canada, Inc. 9 pgs. DACO 10.3.2.

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