

Evaluation Report for Category B, Subcategory 3.5, 3.11 Application

Application Number: 2017-2099
Application: Changes to product label; new pests/rotational crops/plantback interval.
Product: Valtera Herbicide
Registration Number: 29230
Active ingredients (a.i.): Flumioxazin
PMRA Document Number : 2800887

Purpose of Application

The purpose of this application was to make amendments to the product label of Valtera Herbicide to amend weed claims for kochia and volunteer canola and to allow for the re-planting of durum wheat within 30 days of a pre-emergence application to spring wheat.

Chemistry and Environmental Assessments

Chemistry and environmental assessments were not required for this application.

Health Assessments

Toxicological and occupational exposure assessments were not required for this application.

Previously reviewed residue data for flumioxazin were considered in the context of this application to support the label amendment for allowing re-planting of durum wheat within 30 days of a pre-emergence application to spring wheat. The established MRLs for flumioxazin are adequate to cover the expected residues resulting from the use. No health risks of concern were identified for any segment of the population, including infants, children, adults and seniors.

Value Assessment

Kochia biotypes resistant to Group 2, 4 and 9 herbicides and volunteer canola that is tolerant to glufosinate and imidazolinine herbicides are becoming increasingly prevalent weeds that require adequate control measures for Canadian farmers. The availability of Valtera Herbicide as a product that will control these weeds would be of value to farmers throughout Canada. Furthermore, adjusting the precautionary statement on the Valtera Herbicide to indicate that durum wheat can be planted 30 days after application will provide more options for durum wheat growers wanting pre-plant weed control.

Field trial data and scientific rationales submitted for review demonstrated that kochia biotypes resistant to Group 2, 4 and 9 herbicides and volunteer canola that is tolerant to glufosinate and imidazolinine herbicides would be expected to be controlled with Valtera Herbicide when applied as per label directions. Furthermore, the submitted information demonstrated that an

adequate margin of crop safety would be expected for durum wheat that is planted in the springtime a minimum of 30 days after Valtera Herbicide application. Accordingly, all of the subject label amendments can be supported from a value perspective.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the amendments to the label of Valtera Herbicide.

References

PMRA

Document

Number	Reference
2757877	2017, Value Summary for Flumioxazin 51 WDG Herbicide - Label Amendments, DACO: 10.1.
2777348	2017, Clarification Response for "Value Summary for Flumioxazin 51 WDG Herbicide - Label Amendments", DACO: 10.1, 10.2.3.1, 10.2.3.3(B).
2777350	2017, Trial Reports for Clarification Response for "Value Summary for Flumioxazin 51 WDG Herbicide - Label Amendments", DACO: 10.1, 10.2.3.1, 10.2.3.3(B).

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