

Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2020-0487
Application: Changes to Product Label - New Site or Host
Product: Volta Herbicide
Registration Number: 33178
Active ingredient (a.i.): Thifensulfuron-methyl
PMRA Document Number: 3191282

Purpose of Application

The purpose of the application was to amend the product label of Volta Herbicide to add a new host crop (sulfonylurea tolerant canola that contains the Cibus SU Canola trait) and a new tank mix partner, and to update label terminology.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicological assessment was not required for this application.

No new residue data for thifensulfuron-methyl in canola were submitted, and none are required given that the requests fit within the currently registered use pattern for thifensulfuron-methyl on the new host crop. As such, the established MRLs are acceptable to cover the level of residues expected in/on the crops following treatment with Volta Herbicide. No health risks of concern for acute or chronic dietary exposure (food and drinking water) have been identified for any segment of the population, including infants, children, adults and seniors.

The use of Volta Herbicide on sulfonylurea tolerant canola is not expected to result in potential occupational or bystander exposure over the registered use of thifensulfuron-methyl. No health risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

Environmental Assessment

The amended application rates and use patterns are identical to the currently registered uses on canola. Exposure to the environment is acceptable when Volta Herbicide is used according to the label directions.

Value Assessment

The registration amendments to add a new host crop, a new tank mix partner and update label terminology will provide an alternative weed control product for farmers growing Cibus SU Canola, in addition to providing greater clarity, accuracy and flexibility to the Volta Herbicide label.

Value information submitted for review consisted of rationales and phytotoxicity data generated in field trials that were conducted in the Prairie Provinces and North Dakota in 2018. The provided trial data demonstrated that Volta Herbicide applied per label directions would not result in unacceptable injury to sulfonylurea tolerant canola that contains the Cibus SU Canola trait. Furthermore, amending the Volta Herbicide label to include terminology for imazamox and imazethapyr tolerant canola with the Clearfield trait and add CT Mix 360 as a tank mix partner can be supported. Based on the weight of available evidence, these registration amendments are considered to have acceptable value.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to amend the product label of Volta Herbicide to add a new host crop, a new tank mix partner and update label terminology.

References

PMRA Document Number	Reference
3087770	2020, Summary of Value to Add Sulfonylurea Tolerant Canola that Contains the Cibus SU Canola Trait, Imazamox-Tolerant Canola and Clearfield Canola to the Label for Volta Herbicide containing Thifensulfuron-methyl, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.3(B), 10.3.2(A), 10.3.3, 10.4, 10.5, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5.
3087777	2018, Single Active Weed Control in SU Canola, DACO: 10.3.2(A).
3087778	2018, Broadleaf Control in SU Canola, DACO: 10.3.2(A).
3087779	2018, Cibus Broadleaf Tank Mixes, DACO: 10.2.3.3(B), 10.3.2(A).
3087780	2018, Cibus Broadleaf Tank Mixes, DACO: 10.2.3.3(B), 10.3.2(A).
3087781	2018, Cibus Broadleaf Tank Mixes, DACO: 10.2.3.3(B), 10.3.2(A).

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