

## Evaluation Report for Category B, Subcategories 3.11, 3.12, 3.13, 3.7 Application

**Application Number:** 2019-5866  
**Application:** Changes to Product Labels-New Pests, New Site or Host,  
Precautions, Pre-Grazing Interval  
**Product:** Flumioxazin EZ Herbicide  
**Registration Number:** 33524  
**Active ingredient (a.i.):** Flumioxazin  
**PMRA Document Number:** 3163092

### Purpose of Application

The purpose of this application was to amend the label of Flumioxazin EZ Herbicide to add control of annual sow-thistle and suppression of cleavers, Russian thistle, and wild buckwheat; add winter wheat as a host crop; remove use restriction on fine-textured soil; revise the re-cropping interval for winter wheat and amend pre-grazing restrictions.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

The use of Flumioxazin EZ Herbicide as a pre-emergence weed control treatment as well as a harvest aid for winter wheat using ground application equipment to control various labelled weeds fits within the registered use pattern for flumioxazin. As such, exposure to flumioxazin is not expected to exceed that of the registered use. No health risks of concern are expected, provided that workers wear the appropriate personal protective equipment and follow all label directions for use.

The use of flumioxazin in Flumioxazin EZ Herbicide fits within the registered use pattern of this active ingredient. No new residue data for flumioxazin on winter wheat were submitted to support the use expansion of this active on the Flumioxazin EZ Herbicide label. Residue data on file are adequate to support the proposed uses and established MRLs are acceptable to cover the level of residues expected in/on the crops following treatment with Flumioxazin EZ 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.

A toxicology assessment was not required for this application.

## **Environmental Assessment**

The addition of winter wheat to the label of Flumioxazin EZ herbicide is acceptable when the product is used according to the label directions.

## **Value Assessment**

The amendments to the Flumioxazin EZ Herbicide label provide Canadian growers more flexibility to deploy this product for early season weed management in both cropland and bare ground non-cropland.

Value information submitted for review consisted of a scientific paper, scientific rationales, use history information in the US, and data from field trials conducted in the Canadian Prairies. The value information demonstrated that the label amendments to Flumioxazin EZ Herbicide have acceptable value.

## **Conclusion**

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

## References

### PMRA

#### Document

Number	Reference
3043014	2019, Summary of value for Valtera EZ Herbicide - Label amendments, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.2(B), 10.3.1, 10.5.1, 10.5.2, 10.5.3, and 10.5.4.
3043015	2019, Appendix 1: Trials reports for "Summary of value for Valtera EZ Herbicide - Label amendments", DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.2(B), 10.3.1, 10.5.1, 10.5.2, 10.5.3, and 10.5.4.
3043017	2019, Agricultural use history - Valtera Herbicide for suppression of Russian thistle and wild buckwheat, DACO: 10.2.4.
3043018	2019, Agricultural use history - Valtera Herbicide for use on fine-textured soils, DACO: 10.2.4.

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