

## Evaluation Report for Category B, Subcategory 3.11 Application

**Application Number:** 2016-1705  
**Application:** New Pests  
**Product:** GF-2685 Herbicide  
**Registration Number:** 31305  
**Active ingredient (a.i.):** Halauxifen, present as methyl ester  
**PMRA Document Number:** 2667975

### Background

GF-2685 Herbicide was first registered June 17, 2014. It is registered for post-emergence application with 0.5% v/v Turbocharge Adjuvant (or registered equivalent) in the Prairie Provinces and Peace River region of British Columbia and in eastern Canada. GF-2685 Herbicide may be applied with either ground or aerial spray equipment at rates of 25, 50 and 100 g/ha (2.5, 5 and 10 g a.e./ha) to spring wheat, including durum, and spring barley from the crop 1-leaf to just prior to the flag leaf stage and to winter wheat from the crop 3-leaf to just prior to the flag leaf stage for the control or suppression of certain broadleaved weeds. GF-2685 Herbicide is also labelled for application in tank mixtures with other herbicides for broader spectrum weed control, including grass weeds. 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 expand the registration of GF-2685 Herbicide to include a control claim for velvetleaf (up to the 5-leaf stage) when applied at 50 g/ha (5 g a.e./ha) to labelled cereal crops.

### Chemistry Assessment

A chemistry assessment was not required as there was no change to the product formulation.

### Health and Environmental Assessments

Health and environmental assessments were not required as there was no change to the use pattern, including host crops, application methods, timings and rates.

## **Value Assessment**

Performance data generated in small-scale field trials demonstrated that GF-2685 Herbicide applied with a surfactant to spring wheat at the registered rate of 50 g/ha (5 g a.e./ha) consistently controlled velvetleaf that was at up to the 5-leaf stage of development at the time of application. The addition of a control claim for velvetleaf will provide growers with an additional herbicide option for control of this hard-to-kill annual weed whether GF-2685 Herbicide is applied as the lone herbicide or in tank mixtures with other herbicides.

## **Conclusions**

The PMRA has conducted an assessment of the subject application to amend the registration of GF-2685 Herbicide and has determined that the submitted information is adequate to support a control claim for velvetleaf (up to the 5-leaf stage) for GF-2685 Herbicide applied as the lone herbicide or in tank mixtures with other labelled herbicides.

## References

List of Studies/Information Submitted by Registrant

Value Assessment

2623933	2016, Trial Reports (14) - Add weeds -AMBTR_ABUTH_MELAL_v11-add Velvetleaf, giant ragweed, white cockle, DACO: 10.2.3.3
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