

## Evaluation Report for Category B, Subcategory 3.11 Application

**Application Number:** 2016-1704  
**Application:** New Pests  
**Product:** Pixxaro A Herbicide  
**Registration Number:** 31303  
**Active ingredients (a.i.):** Halauxifen and Fluroxypyr  
**PMRA Document Number:** 2667922

### Background

Pixxaro A 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. Pixxaro A Herbicide may be applied with either ground or aerial spray equipment at a rate of 308 ml/ha (82.5 g a.e./ha: 5 g halauxifen and 77 g fluroxypyr/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. Pixxaro A Herbicide is also labelled for application in tank mixtures with certain other herbicides, including MCPA ester and several grass herbicides, for broader spectrum weed control. 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 Pixxaro A Herbicide to include control claims for velvetleaf (up to the 5-leaf stage) and giant ragweed (up to the 8-leaf stage) when applied at 308 ml/ha (82 g a.e./ha) to labelled cereal crops. An additional objective was to add a tank mixture with 70 g/ha Simplicity GoDRI Herbicide, containing 21.5% pyroxsulam, for spring application to spring wheat, including durum, and winter wheat for the control or suppression of weeds listed on the labels of both products.

### 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**

The addition of control claims for velvetleaf and giant ragweed will provide growers with an additional herbicide option for control of these hard-to-kill annual weeds whether Pixxaro A Herbicide is applied as the lone herbicide or in labelled tank mixtures with other herbicides. The labelling of a tank mix of Pixxaro A Herbicide plus Simplicity GoDRI Herbicide will provide growers with a one-pass option to control both broadleaved and grass weeds in spring wheat, including durum, and winter wheat.

Performance data generated in small-scale field trials demonstrated that Pixarro A Herbicide applied, in combination with 0.5% v/v Turbocharge Adjuvant or 1% v/v Intake Adjuvant, to spring wheat at the registered rate of 308 ml/ha (82 g a.e./ha: 5 g halauxifen plus 77 g fluroxypyr/ha) resulted in control of velvetleaf developed at up to the 5-leaf stage and control of giant ragweed at up to the 8-leaf stage of development at the time of application.

## **Conclusions**

The PMRA has conducted an assessment of the subject application to amend the registration of Pixarro A Herbicide and has determined that the submitted information is adequate to support control claims for velvetleaf (up to the 5-leaf stage) and giant ragweed (up to the 8-leaf stage) for Pixxaro A applied as the lone herbicide or in tank mixtures with other labelled herbicides, including with Simplicity GoDRI Herbicide, for broader spectrum weed control.

## 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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