

## New Pests

### Evaluation Report for Category B, Subcategory 3.11 Application

**Application Number:** 2017-0100  
**Application:** New Pests  
**Product:** Stellar XL Herbicide  
**Registration Number:** 32099  
**Active ingredients (a.i.):** Florasulam, Fluroxypyr, MCPA Ester  
**PMRA Document Number:** 2763242

#### Background

Stellar XL Herbicide was first registered May 18, 2001. Stellar XL Herbicide is registered for post-emergence application at 1.0 L/ha to several small grain cereal crops in the Prairie provinces and Peace River region of British Columbia for the control or suppression of several broadleaved weeds. It is also labelled for application in tank mixtures with other herbicides, including with 52 or 70 g/ha Simplicity GoDRI Herbicide containing 21.5% pyroxsulam, for the control or suppression of additional weeds, including annual 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 Stellar XL Herbicide to include post-emergence application at 0.8 L/ha when tank mixed with 70 g/ha Simplicity GoDRI Herbicide to wheat (spring, durum, and winter) for the control of wild oats, Japanese brome, barnyard grass, cleavers, common chickweed, corn spurry, cow cockle, flixweed, hemp-nettle, round-leaved mallow, shepherd's-purse and smartweed, in addition to other weeds controlled by the tank mix of 0.8 L/ha Stellar XL Herbicide plus 52 g/ha Simplicity GoDRI Herbicide, including kochia, volunteer canola, redroot pigweed and wild buckwheat.

#### Chemistry Assessment

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

## **Health and Environmental Assessment**

Health and environmental assessments were not required as the only change to the use pattern was the addition of a tank mixture of Stellar XL Herbicide plus Simplicity GoDRI Herbicide in which these herbicides are applied within their respective maximum rates. There were no changes to host crops, application methods, and timings.

## **Value Assessment**

The labelling of a tank mixture of 0.8 L/ha Stellar XL Herbicide plus the registered rate of 70 g/ha Simplicity GoDRI Herbicide will provide growers an additional and lower cost option to control particular weeds that commonly occur in wheat.

Requested efficacy claims were supported by precedent in that claims of control of each of the requested weed species are either registered for Simplicity GoDRI Herbicide applied at 70 g/ha, or are already included for the tank mixture of 0.8 L/ha Stellar XL plus 52 g/ha Simplicity GoDRI Herbicide.

An assessment of non-safety adverse effects (crop tolerance) was not required as spring wheat, including durum, and winter wheat were already registered host crops for the tank mixture of 1.0 L/ha Stellar XL plus 52 or 70 g/ha Simplicity GoDRI Herbicide, and since the application timing was unchanged.

## **Conclusion**

The PMRA has conducted an assessment of the subject application and has determined that the submitted information is adequate to support the labelling of a tank mixture of 0.8 L/ha Stellar XL Herbicide plus 70 g/ha Simplicity GoDRI Herbicide for the control of the requested weed species in wheat.

## References

### List of Studies/Information Submitted by Registrant

#### Value Assessment

2704108	2016, 10.2.3.1 Table, Stellar XL 0.8 Broadleaf Efficacy & Simplicity plus Stellar XL Efficacy-LTJ, DACO: 10.2.3.1
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