



New Pests

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2017-0087

Application: New Pests

Product: Stellar XL Herbicide

Registration Number: 32099

Active ingredients (a.i.): Florasulam, Fluroxypyr, MCPA Ester

PMRA Document Number : 2763239

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 add a claim of control of stinkweed for the tank mixture of 0.8 L/ha Stellar XL plus 70 g/ha Simplicity GoDRI Herbicide applied post-emergence to wheat (spring, durum, and winter). An additional objective was to add a claim of control of narrow-leaved hawk's-beard at the rosette stage and a claim of suppression of this weed at the elongation stage for the tank mixture of 1.0 L/ha Stellar XL plus 70 g/ha Simplicity GoDRI Herbicide.

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 efficacy claims for tank mixtures 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

Addition of a claim of control of stinkweed and a claim of suppression of narrow-leaved hawk's-beard to tank mixtures of 0.8 or 1.0 L/ha Stellar XL plus 70 g/ha Simplicity GoDRI Herbicide will provide wheat growers an option to combat these troublesome weeds.

The requested addition of a claim of control of stinkweed was supported by precedent in that this is a registered claim for Simplicity GoDRI Herbicide applied at 70 g/ha. Submitted performance data demonstrated that suppression of narrow-leaved hawk's-beard at up to the elongation stage can be expected following post-emergence application of the tank mixture of 1.0 L/ha Stellar XL plus 70 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 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 a claim of control of stinkweed and a claim of suppression of narrow-leaved hawk's-beard for the tank mixtures of 0.8 or 1.0 L/ha Stellar XL Herbicide plus 70 g/ha Simplicity GoDRI Herbicide applied post-emergence to 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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