

## Evaluation Report for Category B, Subcategory 3.5. 3.11 Application

**Application Number:** 2018-3198  
**Application:** Changes to End-Use Product Label – Rotational Crops\Plantback Interval and New Pests  
**Product:** Stellar XL Herbicide  
**Registration Number:** 32099  
**Active ingredients (a.i.):** Fluroxypyr (present as 1-methylheptyl ester), Florasulam, MCPA (present as esters)  
**PMRA Document Number :** 3002212

### Purpose of Application

The purpose of this application was to amend the label of Stellar XL Herbicide to add the rotational crops, alfalfa and fababeans, to be seeded the following year after the herbicide application. In addition, the label will include a claim of control of lamb's-quarters when the product is applied at a lower registered rate in a tank mix.

### Chemistry and Environmental Assessments

Chemistry and environmental assessments were not required for this application.

### Health Assessments

No residue data were submitted for florasulam, fluroxypyr (present as 1-methylheptyl ester), or MCPA (present as esters) to support the re-cropping recommendations for Stellar XL Herbicide. Previously reviewed residue data for florasulam, fluroxypyr (present as 1-methylheptyl ester), and MCPA (present as esters) in rotational crops were reconsidered in the framework of this petition. Based on this assessment, it was concluded that the proposed amendment of the re-cropping recommendations for Stellar XL Herbicide can be supported from the food residue perspective. Dietary exposure to residues of florasulam, fluroxypyr (present as 1-methylheptyl ester), and MCPA (present as esters) as a result of this action will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

Occupational exposure and toxicology assessments were not required for this application.

### Value Assessment

Expansion of the registration of Stellar XL Herbicide to include fababean and alfalfa as rotational crop options will provide farmers with greater flexibility in their crop rotations. The inclusion of a claim of lamb's-quarters control when Stellar XL Herbicide is applied at a lower registered rate in combination with Simplicity GoDRI gives farmers another option to control lamb's-quarters that is commonly found in agricultural fields.

Value information submitted for review included data from replicated field trials, use history information, and a scientific rationale. This information demonstrated that fababean and alfalfa as rotational crops can be safely planted in the year following the application of Stellar XL Herbicide as per the label instructions. Data previously submitted under application number 2013-4638 demonstrated that the application of Stellar XL Herbicide at 0.8 L/ha in combination with Simplicity GoDRI can be expected to provide acceptable control of lamb's-quarters.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided and has determined that the addition of alfalfa and fababeans as rotational crops to be seeded the following year after application of Stellar XL Herbicide can be supported. In addition, when Stellar XL Herbicide is tank-mixed with Simplicity GoDRI, the claim of control of lamb's-quarters can be supported.

## **References**

<b>PMRA Document Number</b>	<b>Reference</b>
2904632	2018, Lambs quarter control at reduced rate, DACO: 10.2.
2904635	2018, Fababean - Adverse effect trial summary, DACO: 10.3.3.
2904636	2018, Alfalfa - Florasulam and fluroxypyr use history adverse effects, DACO: 10.3.3.

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2019

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.