

## Evaluation Report for Category B, Subcategory 3.12 Application

**Application Number:** 2021-0182  
**Application:** Changes to Product Labels-New Site or Host  
**Product:** Liberty 200 SN Herbicide  
**Registration Number:** 25337  
**Active ingredient (a.i.):** Glufosinate-ammonium  
**PMRA Document Number :** 3334756

### Purpose of Application

The purpose of this application was to amend the product label of Liberty 200 SN Herbicide to add the new crop XtendFlex soybean as another example for glufosinate-ammonium tolerant soybean varieties that can be treated according to existing label instructions for Liberty 200 SN Herbicide.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

Toxicology and occupational exposure assessments were not required for this application.

No new residue data for glufosinate-ammonium in glufosinate-ammonium tolerant soybeans were submitted to support the addition of XtendFlex soybeans on the label of Liberty 200 SN Herbicide. Previously reviewed residue data conducted in/on glufosinate-ammonium tolerant soybeans were reassessed in the framework of this application.

Based on this assessment, no increase in dietary residues of glufosinate-ammonium are expected from this new use and the established maximum residue limit (MRL) of 2 ppm for residues of glufosinate-ammonium in/on dry soybeans is adequate to cover the use. No health risks of concern for chronic dietary exposure (food and drinking water) have been identified for any segment of the population, including infants, children, adults and seniors.

### Environmental Assessment

The use of Liberty 200 SN Herbicide on XtendFlex soybeans falls within the currently registered use pattern. The label expansion of Liberty 200 SN Herbicide to include national use on XtendFlex soybeans is acceptable from the perspective of environmental risk when used in accordance with label directions.

### Value Assessment

Inclusion of XtendFlex soybean on the Liberty 200 SN Herbicide label will provide greater clarity to soybean growers on the seed varieties that may be treated with this herbicide.

XtendFlex soybean has been bred for tolerance to three active ingredients, including glufosinate-ammonium. Accordingly, Liberty 200 SN Herbicide may be applied post-emergent to XtendFlex soybean for broad-spectrum grassy and broadleaf weed control and is considered to have acceptable value.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the addition of XtendFlex soybeans to the Liberty 200 SN Herbicide label.

### **References**

None.

© Her Majesty the Queen in Right of Canada, as represented by the Minister of Health Canada, 2022

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 Health Canada, Ottawa, Ontario K1A 0K9.