

## Evaluation Report for Category C, Subcategory 3.1 Application

**Application Numbers:** 2010-1889  
**Applications:** Category C.3.1  
**Products:** Liberty 150 SN Herbicide  
**Registration Number:** 28837  
**Active ingredients (a.i.):** Glufosinate ammonium  
**PMRA Document Number :** 1960859

### Background

LIBERTY 150 SN Herbicide provides control of a broad spectrum of grassy and broadleaf weeds in canola varieties and hybrids that are specially developed to be tolerant to glufosinate ammonium. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product labels.

### Purpose of Application

The purpose of this application was to amend the registration of Liberty 150 SN Herbicide to increase the maximum rate when applied in tank mix with Centurion or Select Herbicides, from 3.33 L/ha to 4.0 L/ha.

### Chemistry Assessment

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

### Health and Environmental Assessments

Health and environmental assessments were not required as the rate of 4.0 L/ha is presently labelled for use on glufosinate ammonium tolerant canola.

## **Value Assessment**

The information provided for review including data and scientific rationales presented by Bayer CropScience Canada were reviewed and found to be supportive of the increase in the Liberty 150 SN Herbicide rate when in tank mix with Select or Centurion Herbicide. The higher rate of Liberty 150 SN Herbicide is registered for use on glufosinate-tolerant canola, and would not be expected to cause unacceptable crop injury at this rate when tank mixed with Select or Centurion Herbicides. Also, since the tank mix of Select or Centurion Herbicide is presently registered as a tank mix with Liberty 150 SN Herbicide on glufosinate-tolerant canola, it is expected that the higher rate of Liberty 150 SN Herbicide tank mixed with Select or Centurion Herbicide would be efficacious. The increase in rate is acceptable from a VSAD perspective.

## **Conclusion**

The Agency has completed an assessment of the subject application and has found the information sufficient to amend the registration of Liberty 150 SN Herbicide to allow a higher rate of 4 L/ha in tank mix with Select or Centurion Herbicide.

## **References**

### **A. List of Studies/Information Submitted by Registrant**

#### Value Assessment

PMRA No. 1189607	Part 10 Liberty Herbicide, AgrEvo Canada (1999), 269 pp.
PMRA No. 1901488	Libert 150 SN + Select or Centurion Herbicide Tank Mixture, Bayer CropScience Canada (2010), 13 pp.

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2010

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.