

Liberty 200 SN Herbicide

Evaluation Report for Category B Streamlined, Subcategory 3.11 Application

Application Number: 2021-0772
Application: Category B, Subcategory 3.11 Application (new or changes to product labels –new pests)
Product: Liberty 200 SN Herbicide
Registration Number: Reg. No. 25337
Active ingredient (a.i.): glufosinate-ammonium [GLG]
PMRA Document Number : 3238577

Background

Liberty 200 SN Herbicide is registered for the control of a broad spectrum of grassy and broadleaf weeds in glufosinate-ammonium tolerant canola varieties grown in eastern Canada and British Columbia and glufosinate-ammonium tolerant corn hybrids and soybean varieties grown throughout Canada. 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 amend the registration of Liberty 200 SN Herbicide by adding the following efficacy claims to glufosinate-ammonium tolerant canola, corn and soybeans treated with 2.5 L product/ha (500 g ai/ha):

- control of kochia (including Group 2, 4 and 9 resistant biotypes) up to 10 cm in height;
- control of volunteer canola (including conventional, Roundup Ready and Clearfield varieties) up to the 6-leaf growth stage; and
- suppression of cleavers (including Group 2 resistant biotypes) up to the 4 whorl growth stage.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and Environmental assessments were not required since the use pattern, including host crops, application rates and timings of the product, remained unchanged.

Value Assessment

The addition of control claims for kochia and volunteer canola and a suppression claim for cleavers with Liberty 200 SN Herbicide provides growers with an additional management tool to control these weeds in glufosinate-ammonium tolerant canola, corn and soybean.

Efficacy data from field trials and rationales demonstrated that kochia (including Group 2, 4 and 9 resistant biotypes up to 10 cm in height), volunteer canola (including conventional, Roundup Ready and Clearfield varieties up to the 6-leaf growth stage) and cleavers (including Group 2 resistant biotypes up to the 4 whorl growth stage) would be expected to be controlled or suppressed with Liberty 200 SN Herbicide applied at 2.5 L product/ha (500 g ai/ha) in glufosinate-ammonium tolerant canola, corn and soybean.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Liberty 200 SN Herbicide to include the requested label claims.

References

PMRA Doc Number	Reference
3204282	2021, Efficacy Trial Reports, DACO: 10.2.3.3(B).

© Her Majesty the Queen in Right of Canada, as represented by the Minister of Health Canada, 2021

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.