

## Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4, 3.1, 3.13 Application

**Application Number:** 2023-0073  
**Application:** New End-Use Product (Product Chemistry) – Guarantee, Identity and Proportion of Formulants, Application Rate and Label Precautions.  
**Product:** Priority HL  
**Registration Number:** 35140  
**Active ingredients (a.i.):** Florasulam  
**PMRA Document Number:** 3553512

### Purpose of Application

The purpose of this application was to register a new herbicide containing florasulam for post-emergence use on spring and durum wheat, spring barley, and oats, based on precedent products.

### Chemistry Assessment

Priority HL is formulated as a suspension containing florasulam at a concentration of 200 g/L. It has a density of 1.082 g/mL and pH of 4.8. The required chemistry data for Priority HL have been provided, reviewed and found to be acceptable.

### Health Assessments

Priority HL is considered to be of low acute oral and dermal toxicity and have slight inhalation toxicity. It is considered to be non-irritating to the eyes and slightly irritating to the skin. It is not considered a dermal sensitizer.

The use of Priority HL on spring wheat (including durum), spring barley, and oats is not expected to result in occupational or bystander exposure over the registered use of florasulam. No risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

No new residue data for florasulam in spring and durum wheat, spring barley and oats were submitted or required to support the registration of Priority HL, formulated as a suspension concentrate.

Previously reviewed field trial data, using emulsifiable and suspension concentrate formulations, in/on wheat, barley and oat were reassessed in the framework of this application. As residues of florasulam were non-quantifiable in wheat, barley and oat grains following treatment, there is no processing study on file.

The dietary exposure to residues of florasulam is not expected to be greater than that from the currently registered uses. Therefore, residues of florasulam in these crops at the established maximum residue limits (MRLs) will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

### **Environmental Assessment**

The uses on the Priority HL label are within the currently registered use pattern for florasulam. Therefore, the risk is acceptable when Priority HL is used in accordance with the label, which includes statements to mitigate risks to the environment.

### **Value Assessment**

Priority HL provides users with another formulation of florasulam that is more concentrated, which results in a reduced volume of product for the same area of crop treated. The reduction in product volume reduces the packaging required, costs of product transportation, and space for storage, contributing to agricultural sustainability.

Value information submitted for review consisted of scientific rationales, precedent registrations, and data from replicated field trials. This information collectively demonstrated that efficacy and crop tolerance of Priority HL applied alone or in combination with labelled tank mix partners for control/suppression of the labeled weeds in wheat (spring, durum), oats, and barley provide acceptable value.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the registration of Priority HL.

## References

### PMRA

#### Document

Number	Reference
3423473	2022, Florasulam_200_SC_Part 3 Data, DACO: 3.1, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.3, 3.3.1, 3.4.1, 3.5, 3.5.1, 3.5.10, 3.5.11, 3.5.12, 3.5.13, 3.5.14, 3.5.15, 3.5.16, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9 CBI
3423475	2022, 0046_0018_FA Report, DACO: 3.4.1 CBI
3423476	2022, 0046_0019_FA Report, DACO: 3.4.1 CBI
3423477	2022, Accelerated Storage Stability 0046_0022_FA 03-11-22, DACO: 3.5.1, 3.5.10, 3.5.11, 3.5.2, 3.5.3, 3.5.6, 3.5.7, 3.5.8, 3.5.9 CBI
3549019	2024, Priority_HL_Part 3 Data, DACO: 3.1, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.3, 3.3.1, 3.4.1, 3.5, 3.5.1, 3.5.10, 3.5.11, 3.5.12, 3.5.13, 3.5.14, 3.5.15, 3.5.16, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9 CBI
3350095	2021, 1 - CA-HE-21785721-FLO-CER (AD21MNT102) RTF, DACO: 10.2.3.3(B) CBI
3350096	2021, 2 - CA-HE-21785721-FLO-Ag-Quest Ridgedale Site Description and Comments, DACO: 10.2.3.3(B) CBI
3350097	2021, 2 - CA-HE-21785721-FLO-Ag-Quest Ridgedale Data and AOV Means, DACO: 10.2.3.3(B) CBI
3350098	2021, 3 - AD21SSK02OT-WHT_ATHRTF, DACO: 10.2.3.3(B) CBI
3350099	2021, 4 - K02 CA-HE-21785721-FLO-CER_Final Report_Aug-24-2021, DACO: 10.2.3.3(B) CBI
3350100	2021, 5 - CA-HE-2178521-FLO_HS21MAZS1_Final Report, DACO: 10.2.3.3(B) CBI
3350101	2021, 6 - CA-HE-21785721-FLO-CER_HA21MAWJ2_092821, DACO: 10.2.3.3(B) CBI
3350102	2021, 7 - Final Report_CA-HE-21785721-FLO-CERRTF_HM21MAZP1__Sep-30-2021, DACO: 10.2.3.3(B) CBI
3423467	2022, Florasulam 200 SC_Value_Summary_25Nov2022, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.3(B), 10.3.1, 10.3.2, 10.3.3, 10.4, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5
3423468	2022, Part 10 Florasulam 200 SC Data Summary, DACO 10.2.3.1
3423469	2021, CA-HE-21785721-FLO-TL-CER-OLDS-AOV Means Table_Aug-9-2021, DACO: 10.2.3.3(B)
3423470	2021, CA-HE-21785721-FLO-TL-CERRTF, DACO: 10.2.3.3(B)
3423471	2021, CA-HE-21785721-FLO-TL-WHT-HAMMAN-Adama21_Final Pring_Sep-26-2021, DACO: 10.2.3.3(B)
3423472	2021, CA-HE-21785721-FLO-TL-Wht; FW21, DACO: 10.2.3.3(B)

© His Majesty the King in Right of Canada, as represented by the Minister of Health Canada, 2024

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.