



Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2023-3802
Application: Changes to Product Labels – Tank Mixes
Applicant: BASF Canada Inc.
Product: Liberty 150 SN Herbicide and Crop Desiccant MP
Registration Number: 24081
Active ingredient (a.i.): Glufosinate-ammonium
PMRA Document Number: 3625471

Purpose of Application

The purpose of this application was to amend the label of Liberty 150 SN Herbicide and Crop Desiccant MP, to include the option of its use with DASH HC Adjuvant (Reg. No. 27604), when applied to glufosinate-ammonium tolerant canola in a tank mixture with Centurion Emulsifiable Concentrate Post-Emergence Herbicide or when applied in a three-way tank mixture with Centurion Emulsifiable Concentrate Post-Emergence Herbicide plus Facet L.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

No new residue data for glufosinate-ammonium in canola were submitted or were required to support the amendment of the Liberty 150 SN Herbicide and Crop Desiccant MP label to add a new adjuvant tank-mix partner to the label. Previously reviewed residue data are adequate to cover the use pattern.

Based on this assessment, residues are not expected to be greater than those from the currently registered uses and will be covered by the established maximum residue limits (MRLs). Consequently, dietary exposure to residues of glufosinate-ammonium is not expected to increase with the amendment of the Liberty 150 SN Herbicide and Crop Desiccant MP label and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

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

Environmental Assessment

An environmental assessment was not required for this application.

Value Assessment

Value information was submitted in the form of efficacy and crop phytotoxicity data generated in field trials conducted on glufosinate-ammonium tolerant canola. The data demonstrated that DASH HC Adjuvant performed similarly, in terms of efficacy and crop tolerance, to a labelled adjuvant in tank mixtures of Liberty 150 SN Herbicide and Crop Desiccant MP plus Centurion Emulsifiable Concentrate Postemergence Herbicide or with this combination plus addition of Facet L.

The option to use DASH HC Adjuvant for application with the above herbicide tank mixtures provides users with increased flexibility by having an additional adjuvant choice.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the inclusion of DASH HC Adjuvant as an alternate adjuvant option for applications to glufosinate-ammonium tolerant canola on the label of Liberty 150 SN Herbicide and Crop Desiccant MP.

References

PMRA

Document

Number

3489157

Reference

2023, Field Trial Reports, DACO: 10.2.3.3(B),10.3.2(A)

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