

Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2019-6768
Application: Submissions Subject to Protection of Proprietary Interests in Pesticide Data Policy-Equivalency/Data Compensation Assessment
Product: Advantage Glufosinate-Ammonium 150SN Herbicide and Desiccant
Registration Number: 33472
Active ingredient (a.i.): Glufosinate-ammonium
PMRA Document Number: 3181980

Purpose of Application

The purpose of this application was to amend the label of the end-use product, Advantage Glufosinate-Ammonium 150 SN Herbicide and Desiccant, to add the use on glufosinate-ammonium-tolerant canola and to add new tank mixes, based on precedent products.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicological assessment was not required for this application.

The requested amendments to the use pattern of the end-use product Advantage Glufosinate-ammonium 150 SN Herbicide and Desiccant label are the same as that of the precedent products. Therefore, potential exposure for mixers, loaders, applicators, bystanders and postapplication workers is not expected to exceed the current exposure to the registered products of this active ingredient. No health risks of concern are expected for workers and bystanders when label directions, precautions and restrictions are followed.

No new residue data for glufonsinate-ammonium were submitted or are required to support the amendment of Advantage Glufonsinate-ammonium 150 SN Herbicide and Desiccant label. Previously reviewed residue data were re-assessed in the framework of this petition. The use directions on the Advantage Glufonsinate-ammonium 150 SN Herbicide and Desiccant label, including the target crops, method (ground and air), rates and timing of application, geographic restrictions, preharvest intervals, grazing/feeding restrictions, and crop rotation restrictions are similar to the precedent end-use products.

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 MRLs. Consequently, dietary exposure to residues of glufosinate-ammonium is not expected to increase with the amendment of the end-use product and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The addition of the use on canola varieties and hybrids that are tolerant to glufosinate-ammonium, to the label of Advantage Glufosinate-ammonium 150 SN Herbicide and Desiccant, does not pose any additional risk to the environment when used according to the label.

Value Assessment

The equivalence of Advantage Glufosinate-Ammonium 150 SN Herbicide and Desiccant to the cited precedent product for use on glufosinate-ammonium tolerant canola was demonstrated with the results of small-scale field trials conducted with side-by-side treatments. The information received were also supportive of the tank mix partners. The registration of Advantage Glufosinate-Ammonium 150 SN Herbicide and Desiccant for use on glufosinate-tolerant canola provides growers with another option for weed management.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the amendment of the label of Advantage Glufosinate-Ammonium 150 SN Herbicide and Desiccant, to add the use on glufosinate-ammonium-tolerant canola and to add new tank mixes.

References

PMRA
Document
Number

References

3062879 2019, Comparison of Advantage 150 to Liberty 150 Applied to LL Canola
20191122, DACO: 10.1

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