

Evaluation Report for Category B, Subcategory 3.5 Application

Application Number: 2021-1564
Application: Changes to Product Labels-Rotational Crops\Plantback Interval
Product: Flumioxazin EZ Herbicide
Registration Number: 33524
Active ingredient (a.i.): Flumioxazin
PMRA Document Number: 3346794

Purpose of Application

The purpose of this application was to amend the rotational intervals for field corn and barley on the label of the registered end-use product Flumioxazin EZ Herbicide.

Health Assessments

No new residue data for flumioxazin were submitted to support the change in rotational intervals for field corn and barley on the Flumioxazin EZ Herbicide label. Previously reviewed residue data from confined rotational studies were reassessed in the framework of this application and were deemed acceptable. Based on this assessment, quantifiable residues of flumioxazin are not anticipated in field corn and barley planted in rotation at the registered plant-back intervals to crops previously treated with flumioxazin. Consequently, dietary exposure to residues of flumioxazin is not expected to increase as a result of the amendment of the Flumioxazin EZ Herbicide label. No health risks of concern were identified for acute or chronic dietary exposure (food and drinking water) for flumioxazin to any segment of the population, including infants, children, adults, and seniors.

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

Value Assessment

Value information submitted for review consisted of data from field trials. The provided information demonstrated that barley may safely be planted three months following an application of Flumioxazin EZ Herbicide. This label amendment gives growers an option to plant barley following a fall application of Flumioxazin EZ Herbicide for burndown weed control or as a harvest aid, as well as more flexibility in management of rotational crops. Note that value information is not required for increasing the rotational interval for field corn.

Chemistry and Environmental Assessments

Chemistry and environmental assessments were not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to amend the rotational intervals for field corn and barley on the label of Flumioxazin EZ Herbicide.

References

PMRA

Document

Number	Reference
3220073	2020, Summary of Value for Flumioxazin EZ Herbicide Rotational Interval Amendment, DACO: 10.1, 10.3.3
3220074	2020, APPENDIX 1: Trials Reports for "Summary of Value for Flumioxazin EZ Herbicide Rotational Interval Amendment", DACO: 10.1, 10.3.3

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