

Evaluation Report for Category B, Subcategories 3.11, 3.12, 3.13 Application

Application Number: 2020-0008
Application: New or Changes to Product Labels-New Pests, New Site or Host, Precautions
Product: Flumioxazin EZ Herbicide
Registration Number: 33524
Active ingredient (a.i.): Flumioxazin
PMRA Document Number: 3191826

Purpose of Application

The purpose of this application was to amend the label of the end-use product Flumioxazin EZ Herbicide to add several horticultural and ornamental crops, remove the fine textured soil restriction, and harmonize the weed claims for all crops.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

The amendments to the registration of Flumioxazin EZ Herbicide for use on several agricultural/horticultural crops, container and field-grown ornamental deciduous and coniferous trees, as well as on bare ground non-crop areas of farms and outside of farms, represent an expansion of the use pattern for flumioxazin from the perspective of mixer/loader/applicator exposure; however, an updated risk assessment was not required as the one on file is adequate. For postapplication worker exposure, there is no expansion of use when compared to precedent products. No health risks of concern were identified provided that workers wear the appropriate personal protective equipment and follow all label directions.

No new residue data for flumioxazin were submitted to support the additional uses of this active ingredient on the Flumioxazin EZ Herbicide label. Previously reviewed residue data from field trials conducted in/on the labelled crops were re-assessed in the framework of this petition. Based on this assessment, residues of flumioxazin in/on these crops are not expected to increase and will be covered under the established maximum residue limits for flumioxazin. Consequently, the dietary exposure to residues of flumioxazin is not expected to increase and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

A toxicology assessment was not required for this application.

Environmental Assessment

The new uses are within the currently registered use pattern of the active ingredient, flumioxazin, and therefore, no additional risk is expected when Flumioxazin EZ Herbicide is used according to label directions. The label includes the required environmental precautions and hazards statements to mitigate risks to the environment.

Value Assessment

The requested amendments to the Flumioxazin EZ Herbicide label will provide Canadian growers more flexibility to deploy this product for early season weed management in both cropland and bare ground non-cropland.

Value information submitted for review consisted of scientific rationales, precedent registrations, use history information in the US, and confirmatory data from field trials conducted across Canada in 2019. The value information demonstrated that the requested label amendments to Flumioxazin EZ Herbicide have acceptable value.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to support the above-noted amendments to the label of Flumioxazin EZ Herbicide.

References

PMRA

Document

Number	Reference
3082070	2019, Summary of value for Flumioxazin EZ Herbicide - Addition of new crops, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.3(B), 10.3.1, 10.3.2(A), 10.3.3, 10.5.1, 10.5.2, 10.5.3, and 10.5.4.
3082071	2019, Appendix 1: Trial reports for "Summary of value for Flumioxazin EZ Herbicide - Addition of new crops", DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.3(B), 10.3.1, 10.3.2(A), 10.3.3, 10.5.1, 10.5.2, 10.5.3, and 10.5.4.
3082073	2019, Agricultural use history - Flumioxazin EZ Herbicide for use on fine-textured soils, DACO: 10.2.4.

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