

Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2022-1781
Application: Changes to Product Labels-Tank Mixes
Product: Nufarm Signal Herbicide
Registration Number: 30168
Active ingredient (a.i.): Clodinafop-propargyl
PMRA Document Number: 3454850

Purpose of Application

The purpose of this application was to amend the label of the registered product, Nufarm Signal Herbicide, to replace Signal Adjuvant, which has been discontinued, with the adjuvant Journey HSOC throughout the label. Nufarm Signal Herbicide is registered for post-emergent control of labelled grassy weeds in spring and durum wheat.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

The use of Nufarm Signal Herbicide with the tank mix product Journey HSOC on spring wheat and durum wheat is not expected to result in potential occupational or bystander exposure over the registered use of clodinafop-propargyl. 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 clodinafop-propargyl in wheat were submitted or were required to support the amendment of the Nufarm Signal Herbicide label to add Journey HSOC as a tank mix partner. Previously reviewed residue data are adequate to cover the registered 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 clodinafop-propargyl is not expected to increase with the amendment of the Nufarm Signal Herbicide label 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

An environmental risk assessment was not required for this application.

Value Assessment

The inclusion of Journey HSOC on the Nufarm Signal Herbicide label provides users with another option to choose an adjuvant based on market availability.

Value information submitted for review included data from replicated field trials, which were conducted in Canada and the US in 2021. The information collectively supports the inclusion of Journey HSOC at 0.5% v/v to the adjuvant list on the Nufarm Signal Herbicide label.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to amend the label Nufarm Signal Herbicide to replace Signal Adjuvant with Journey HSOC.

References

PMRA

Document

Number

3348178

Reference

2022, Value Summary for Nufarm Signal Herbicide, DACO: 10.1, 10.2, 10.2.2, 10.2.3.1, 10.2.3.3(B), 10.3.1, 10.3.2, 10.3.2(A)

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