

Evaluation Report for Category B, Subcategory 3.10, 3.12 Application

Application Number: 2012-2779
Application: B.3.10 (Product labels – tank mixes)
B.3.12 (Product labels – new site or host)
Product: Thumper Emulsifiable Selective Weedkiller
Registration Number: 22659
Active ingredients (a.i.): Bromoxynil (BRY), 2,4-D (DXF)
PMRA Document Number: 2234684

Purpose of Application

The purpose of this application was to amend the Thumper Emulsifiable Selective Weedkiller label to add winter wheat as a new crop and to add Varro Herbicide as a new tank-mix partner for use on winter wheat.

Chemistry and Environmental Assessments

Chemistry and environmental assessments were not required for this application.

Health Assessments

The exposure from the use of Thumper Emulsifiable Selective Weedkiller alone or with Varro Herbicide as a tank mix on winter wheat for postemergent control of weeds is not expected to increase over the current registered use of bromoxynil, 2,4-D (present as 2-ethylhexyl ester) and thien carbazono-methyl. No risks of concern were identified or are expected when workers follow the label directions and wear the personal protective equipment stated on the label.

No new residue data were submitted in support of this application. Bromoxynil and 2,4-D are currently registered for use on winter wheat at the same application rate and conditions as those proposed on Thumper Emulsifiable Selective Weedkiller. The proposed tank-mix partner, Varro Herbicide (containing thien carbazono-methyl), is currently registered for use on winter wheat with the same use pattern. Consequently, no increase in dietary exposure is anticipated. Residues of bromoxynil, 2,4-D and thien carbazono-methyl in winter wheat at the established MRLs will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Value Assessment

To support the application, a scientific rationale detailing the use pattern of bromoxynil and 2, 4-D and thien carbazono-methyl in winter wheat was provided for review.

Based on the information available, the application of Thumper Emulsifiable Selective Weedkiller and the tank mix of Thumper Emulsifiable Selective Weedkiller + Varro Herbicide to winter wheat can be supported.

Conclusion

The PMRA has completed an assessment of the available information and is able to support the amendment to the Thumper Emulsifiable Selective Weedkiller label to add winter wheat as a new crop and to add Varro Herbicide as a new tank-mix partner for use on winter wheat.

References

- 2211064 2012, Thumper Emulsifiable Selective Weedkiller: Use in Winter Wheat when Applied Alone and in a Tank Mixture with Varro Herbicide, DACO: 10.1, 10.2.3.1, 10.2.3.3, 10.3.1, 10.3.2

ISSN: 1911-8082

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