

Evaluation Report for Category B, Subcategory B 3.10 Application (New or Changes to Product Label – Tank mixes)

Application Number: 2019-2799
Application: Category B, Subcategory B 3.10
Product: PP-23235 Herbicide
Registration Number: 29262
Active ingredients (a.i.): 23.1% thifensulfuron-methyl
23.1 % tribenuron-methyl
4.6% metsulfuron-methyl
PMRA Document Number: 3051876

Background

PP-23235 Herbicide is registered for selective post-emergent control or suppression of broadleaf weeds in wheat (spring and durum) and spring barley in the Prairie Provinces and Interior of British Columbia. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this application was to amend the registration of PP-23235 Herbicide to include Perimeter II Herbicide to other already labelled tank mixes as follows:

- PP-23235 Herbicide + Perimeter II Herbicide (spring and durum wheat and spring barley)
- PP-23235 Herbicide + Perimeter II Herbicide + MCPA Ester (spring wheat and spring barley)
- PP-23255 Herbicide + Perimeter II Herbicide + Axial Herbicide (spring wheat and spring barley)
- PP-23255 Herbicide + Perimeter II Herbicide + Axial Herbicide + MCPA ester (spring wheat and spring barley)

Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

Value Assessment

A scientific rationale based on precedent registrations was submitted in support of the tank mix of PP-23235 Herbicide + Perimeter II Herbicide ± MCPA Ester. The rationale was found to be acceptable. The applicant submitted a value summary detailing the results of small-scale field trials to demonstrate that there is no antagonism with grassy weed control following the addition of Perimeter II Herbicide to the tank mixes with Axial Herbicide. The field trials demonstrate that the addition of Perimeter II Herbicide to the tank mixes does not result in any reduction of wild oat control (antagonism) or unacceptable crop injury.

The addition of Perimeter II Herbicide to the tank mixes broadens the weed spectrum and gives users more flexibility in choosing tank mixes based on their individual needs.

Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of PP-23235 Herbicide to include Perimeter II Herbicide as a tank mix partner.

References

List of Studies/Information Submitted by Registrant

3004647, 2019, Efficacy of PP-23235 Herbicide + Perimeter II Herbicide + Axial Herbicide with and without MCPA Ester on Wild Oat in Cereal Crops, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3, 10.2.3.3(B)
3004648, 2019, Efficacy of PP-23235 Herbicide + Perimeter II Herbicide + Axial Herbicide with and without MCPA Ester on Wild Oat in Cereal Crops (Supplement 1), DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3, 10.2.3.3(B)
3004649, 2019, Rationale to Support the Tank Mix of PP-23235 Herbicide + Perimeter II Herbicide +/- MCPA Ester, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3, 10.2.3.3(B)

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