

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

Application Number: 2017-2604
Application: Category B.3.10 (New or changes to product label – Tank mixes)
Product: CS-100-23235 Herbicide
Registration Number: 32575
Active ingredients (a.i.): Pyroxsulam at 14.7%, metsulfuron-methyl at 1.5%, and thifensulfuron-methyl and tribenuron-methyl each at 7.3%
PMRA Document Number: 2788880

Background

CS-100-23235 Herbicide is registered for post-emergent control of grasses and broadleaf weeds in spring and durum wheat. It is recommended for application at 102.5 g/ha plus Agral 90 at 0.25% v/v or in tank mix with MCPA Ester for additional control of annual sow-thistle and volunteer imazethapyr tolerant canola varieties. 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 is to amend the registration of CS-100-23235 Herbicide to include Perimeter II Herbicide (Reg. No. 30094) as a new tank mix partner applied at 0.21 L/ha for additional control of kochia (including Group 2 resistant biotypes; seedling to 8-leaf stage) and volunteer flax (up to 12 cm in height) in spring and durum wheat.

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

Value information consisting of precedent registrations and a scientific rationale were submitted for review. The information demonstrated that the application of CS-100-23235 Herbicide in tank mix with Perimeter II Herbicide at 0.21 L/ha + Agral 90 at 0.25% v/v can be expected to provide control of kochia (including Group 2 resistant biotypes; seedling to 8-leaf stage) and volunteer flax (up to 12 cm in height) in spring and durum wheat.

The inclusion of Perimeter II Herbicide as a tank mix partner of CS-100-23235 Herbicide will provide growers with another tank mix option for control of both grass and broadleaf weeds plus control of Group 2 resistant kochia and volunteer flax in spring and durum wheat in a one-pass solution.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the requested amendment to the registration of CS-100-23235 Herbicide.

Reference

List of Studies/Information Submitted by Registrant

PMRA # 2765482 2017, Rationale to support the tank mix of CS-100-23235 Herbicide plus Perimeter II Herbicide, DACO: 10.2, 10.2.3, 10.2.3.1, and 10.2.3.3(B).

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