

Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2021-2886
Application: Tank Mixes
Product: SZ-0050 Herbicide
Registration Number: 34178
Active ingredients (a.i.): Tribenuron-methyl, Sulfentrazone
PMRA Document Number : 3269434

Background

SZ-0050 Herbicide is a selective soil applied herbicide to be tank mixed with glyphosate at 450 g ae/ha to control certain weeds in chemfallow and pre-seed to chickpeas, field peas, and soybeans. 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 (1) add control of cleavers to the currently registered tank mix of SZ-0050 Herbicide + glyphosate at the 450 g ae/ha rate, (2) add another rate of glyphosate at 810 g ae/ha when tank mixed with SZ-0050 Herbicide to control weeds listed on the glyphosate label at this rate, and (3) include a pre-seed application to spring wheat (including durum) and faba bean.

Chemistry Assessment

A chemistry assessment was not required as there was no change to the product formulation.

Health and Environmental Assessments

Health and environmental assessments were not required since there are no changes made to the application rate and use pattern.

Value Assessment

The expansion of the SZ-0050 Herbicide label to include a control claim for cleavers when tank mixed with glyphosate at 450 g ae/ha, another rate of glyphosate at 810 g ae/ha in tank mix with SZ-0050 Herbicide for additional weed control and pre-seed application to spring wheat (including durum) and faba bean provides growers with expanded options for weed management.

Value information submitted for review consisted of a rationale and precedent registrations. The information provided supported (1) a control claim for cleavers when tank mixed with glyphosate at 450 g ae/ha, (2) another rate of glyphosate at 810 g ae/ha in tank mix with SZ-0050 Herbicide for additional weed control, and (3) a pre-seed application to spring wheat (including durum) and faba bean.

Conclusion

The PMRA has conducted an assessment of the subject application and has determined that in accordance with the label, the submitted information is adequate to support the requested amendments to the registration of SZ-0050 Herbicide.

Reference

List of Studies/Information Submitted by Registrant

Value Assessment

3242691 2021, Rationale to Support the Tank Mix of SZ-0050 Herbicide plus Glyphosate for Control of Additional Weeds, DACO: 10.1,10.2,10.2.3.1,10.6

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