

Tank Mixes

Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2017-5393
Application: Tank Mixes
Product: CS-100-2525 Herbicide
Registration Number: 32121
Active ingredients (a.i.): Pyroxsulam, Thifensulfuron-methyl, Tribenuron-methyl
PMRA Document Number : 2840981

Background

CS-100-2525 Herbicide was first registered on January 6, 2016. CS-100-2525 Herbicide is registered for use on wheat (spring or durum) for selective post-emergent control or suppression of broadleaf weeds and grasses in the Prairie Provinces and Peace River Region 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 expand the registration of CS-100-2525 Herbicide to include seven additional non-ionic surfactant (NIS) options: Liberate Adjuvant (Reg. No. 29491), Ag-Surf II (Reg. No. 30267), HiActivate Non-Ionic Liquid Spreader/Activator (Reg. No. 31817), Super Spreader Adjuvant (Reg. No. 17402), Enhance (Reg. No. 29270), Pro-Surf II (Reg. No. 28327) and Sentry (Reg. No. 28343) applied at 0.25% v/v.

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 of all tank mix components.

Value Assessment

A rationale cited precedent products with similar active ingredients that are registered on each NIS label (Liberate Adjuvant, Ag-Surf II, HiActivate Non-Ionic Liquid Spreader/Activator, Super Spreader Adjuvant, Enhance, Pro-Surf II and Sentry). When applied at 0.25% v/v, efficacy and crop tolerance are not expected to be compromised when one of the NIS options is applied with CS-100-2525 Herbicide to labeled crops and weeds. This will provide growers with

additional surfactant options and greater flexibility in managing broadleaf and grassy weeds in labeled crops.

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 seven additional NIS options: Liberate Adjuvant, Ag-Surf II, HiActivate Non-Ionic Liquid Spreader/Activator, Super Spreader Adjuvant, Enhance, Pro-Surf II and Sentry.

Reference

List of Studies/Information Submitted by Registrant

Value Assessment

2804045 2017, Rationale to Support the use of Additional Non-Ionic Surfactants with DuPont CS-Blend Herbicide Products, DACO: 10.2,10.2.3,10.2.3.1,10.3,10.3.2,10.3.2(A)

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