

## Tank Mixes

### Evaluation Report for Category B, Subcategory 3.10 Application

**Application Number:** 2018-1317  
**Application:** B.3.10 – New or Changes to Product Labels-Tank Mixes  
**Product:** CS-75-50 Herbicide  
**Registration Number:** 32740  
**Active ingredients (a.i.):** Pyroxsulam, Tribenuron-methyl  
**PMRA Document Number:** 2901082

#### Background

CS-75-50 Herbicide is registered for use on wheat (spring, durum, winter) for selective post-emergent control or suppression of broadleaf weeds and grasses 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 expand the registration of CS-75-50 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-75-50 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

2867104      2018, Rationale to Support the use of Additional Non-Ionic Surfactants with FMC CS-Blend Herbicide Products, DACO: 10.2,10.2.3,10.2.3.1,10.3,10.3.2,10.3.2(A)

ISSN: 1911-8082

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