

## Tank Mixes

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

**Application Number:** 2017-6549  
**Application:** Tank Mixes  
**Product:** Paradigm Herbicide  
**Registration Number:** 31304  
**Active ingredients (a.i.):** Florasulam, Halauxifen  
**PMRA Document Number :** 2841197

#### Background

Paradigm Herbicide was first registered on June 17, 2014. Paradigm Herbicide is registered for use on wheat (spring, durum or winter) and barley for selective post-emergent control of broadleaf weeds 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 Paradigm Herbicide to include Lontrel XC Herbicide as a tank mix partner.

#### 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 was provided that demonstrated that Lontrel XC Herbicide had been previously determined to be agronomically equivalent to the cited precedent product when applied at equivalent active ingredient rates. Since that cited precedent product and Lontrel XC Herbicide have the same active ingredient and are applied at equivalent active ingredient rates, efficacy and crop tolerance would not be expected to be compromised when Lontrel XC Herbicide is applied with Paradigm Herbicide to labeled crops and weeds. Since Lontrel XC Herbicide is intended to replace the cited precedent product in the market place, this tank mix will provide growers with access to these active ingredients during the transition.

## **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 adding Lontrel XC Herbicide to the Paradigm Herbicide label as a tank mix partner.

## **Reference**

### List of Studies/Information Submitted by Registrant

#### Value Assessment

2815550	2017, Rationale for adding Lontrel XC Tank Mix to Paradigm label, DACO: 10.2.3.3,10.3.2(A)
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