

## Evaluation Report for Category B, Subcategory 3.11 Application (New or Changes to Product Label – New Pests)

**Application Number:** 2018-1573  
**Application:** Category B.3.11 (New or changes to product label – New pests)  
**Product:** Paradigm Herbicide  
**Registration Number:** 31304  
**Active ingredient (a.i.):** halauxifen (present as methyl ester), florasulam  
**PMRA Document Number :** 2896595

### Background

Paradigm Herbicide is registered for post-emergent control of annual broadleaf weeds in spring wheat (including durum), winter wheat, and spring barley. 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 amend the registration of Paradigm Herbicide to include claims of (1) control of American dragonhead and henbit up to the bud stage and 15 cm in height when it is applied alone and (2) control of scentless chamomile up to the bud stage and 15 cm in size when it is applied with one of the following tank mix partners: Lontrel 72, Lontrel 360, Lontrel XC, Simplicity GoDRI, MCPA ester + Simplicity GoDRI, Lontrel 72 or Lontrel 360 or Lontrel XC + Simplicity GoDRI, Lontrel 72 or Lontrel 360 or Lontrel XC + MCPA ester + Simplicity GoDRI.

### 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 submitted for review included data from field trials, which were conducted in the Prairie Provinces and Ontario between 2013 and 2017. This information demonstrated that (1) the application of Paradigm Herbicide can be expected to provide acceptable control of American dragonhead and henbit up to the bud stage and 15 cm in height and (2) the application of Paradigm Herbicide with one of the following tank mix partners: Lontrel 72, Lontrel 360, Lontrel XC, Simplicity GoDRI, MCPA ester + Simplicity GoDRI, Lontrel 72 or Lontrel 360 or Lontrel XC + Simplicity GoDRI, and Lontrel 72 or Lontrel 360 or Lontrel XC + MCPA ester + Simplicity GoDRI, can be expected to provide acceptable control of scentless chamomile up to the bud stage and 15 cm in size.

Expansion of the weed spectrum on the Paradigm Herbicide label provides growers more flexibility to employ this herbicide for weed management in small grain cereals.

## **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 Paradigm Herbicide.

## **Reference**

List of Studies/Information Submitted by Registrant

PMRA # 2874397      2018, Arylex trial reports (21) - ATXPA, LAMAM, MATIN, PYSVI, VAPPY, VIOAR, DACO: 10.2.3.3.

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