

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

**Application Number:** 2015-1379  
**Application:** Category B.3.11 (New or changes to product label – New pests)  
**Product:** Paradigm Herbicide  
**Registration Number:** 31304  
**Active ingredients (a.i.):** 20% halauxifen + 20% florasulam  
**PMRA Document Number :** 2544900

### Background

Paradigm Herbicide is registered for post-emergent control or suppression of annual broadleaf weeds in spring wheat (including durum wheat), 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 flixweed and shepherd's-purse control at the labeled rate of 25 g product/ha.

### 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

The addition of flixweed and shepherd's-purse to the Paradigm Herbicide label would supply farmers with another herbicide option to manage these difficult to control winter annual weeds.

Value information, which included data from 15 field trials conducted on small grain cereals in Saskatchewan and Alberta between 2010 and 2014, demonstrated that Paradigm Herbicide at 25 g product/ha provided acceptable control of flixweed and shepherd's-purse.

### Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Paradigm Herbicide to include control of flixweed and shepherd's-purse.

### Reference

List of Studies/Information Submitted by Registrant

PMRA # 2521950 2015, Trial reports (15), Arylex Efficacy - DESSO\_CAPBP\_v4 (flixweed and shepherds-purse), DACO: 10.2.3.3.

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