

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

Application Number: 2015-1637
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 : 2544909

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 control claims for volunteer alfalfa (up to 25 cm in height) and common ragweed (up to 6-leaf stage) 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 control claims for common ragweed and volunteer alfalfa to the Paradigm Herbicide label would provide farmers with another option to manage these hard-to-kill weeds.

Value information, which included data from 13 field trials conducted on spring wheat, winter wheat, and spring barley in the Canadian Prairies and Quebec and Ontario between 2011 and 2014, demonstrated that Paradigm Herbicide applied at 25 g product/ha provided acceptable control of volunteer alfalfa.

Since a control claim for common ragweed with GF-2685 Herbicide (10% halauxifen) at 5 g a.i./ha was supported under application # 2015-1636, Paradigm Herbicide applied at the labeled rate of 10 g a.i./ha (i.e., 5 g a.i./ha halauxifen + 5 g a.i./ha florasulam) could also be expected to provide control of this weed.

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 volunteer alfalfa and common ragweed.

Reference

List of Studies/Information Submitted by Registrant

PMRA # 2527817 2015, Trial reports (13) Arylex, Efficacy - AMBEL & MEDSA (volunteer alfalfa and common ragweed), DACO: 10.2.3.3.

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