

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

Application Number: 2017-1581
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 : 2771140

Background

Paradigm Herbicide is registered for the 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 the following efficacy claims:

- Suppression of scentless chamomile (up to the bud stage)
- Suppression of night-flowering catchfly (up to the bolting stage and 10 cm in height)
- Control of night-flowering catchfly when applied in tank mix with one of the following herbicides already on the label: Simplicity GoDRI (Reg. No. 31916), Simplicity (Reg. No. 28887), or Tandem A (Reg. No. 29985)
- Control of white cockle when applied in tank mix with Simplicity or Tandem A

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 inclusion of the requested efficacy claims on the Paradigm Herbicide label will provide farmers with more options to manage these hard-to-kill weeds.

Value information consisted of a scientific rationale and data generated in field trials, which were conducted on small grain cereal crops. The value information demonstrated that Paradigm Herbicide at the labelled rate can be expected to provide suppression of scentless chamomile and night-flowering catchfly and that a tank mix of Paradigm Herbicide plus one of the following herbicides: Simplicity Herbicide, Simplicity GoDRI, or Tandem A Herbicide, can be expected to provide control of these weeds as well as white cockle.

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 the requested efficacy claims.

References

List of Studies/Information Submitted by Registrant

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|----------------|--|
| PMRA # 2745301 | 2017, Arylex efficacy trial reports (20), DACO: 10.2.3.3. |
| PMRA # 2745302 | 2017, Rationale for adding MELNO, MELAL in pyrosulam tank mixes, DACO: 10.2.3.3 and 10.3.2(A). |

ISSN: 1911-8082

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