

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

Application Number: 2016-6239
Application: Category B.3.11 (New or changes to product label – New pests)
Product: Pardner Herbicide
Registration Number: 18001
Active Ingredient (a.i.): 280 g/L bromoxynil present as ester
PMRA Document Number: 2712849

Background

Pardner Herbicide is registered for control of broadleaf weeds in an array of crops. For specific details of uses, application rates, timings, 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 Pardner Herbicide to include a claim of control of jimsonweed at labelled application rates.

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

Jimsonweed is a competitive annual broadleaf weed well established in southwestern Ontario where it is found in soybean fields. Jimsonweed is classified by the Canadian Food Inspection Agency as a primary noxious weed. It is poisonous to humans and livestock and is present in several provinces. Most recently in 2015, it was found in several fields in Alberta. Additionally, jimsonweed is a serious contaminant of canola grown for seed as there is very little tolerance for the presence of jimsonweed seed in canola seed. Therefore, it is important for seed growers to have access to herbicides that can provide effective control.

Value information, which included data from field trials conducted in USA, South Africa, Portugal, Spain, and Hungary between 1997 and 2015 and scientific rationale, demonstrated that the application of Pardner Herbicide at the labelled application rates can be expected to control jimsonweed.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Pardner Herbicide to include a claim of control of jimsonweed.

Reference

List of Studies/Information Submitted by Registrant

PMRA # 2687889 2016, Value assessment of bromoxynil herbicide for jimsonweed (*Datura stramonium*) control in listed crops, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3.1, 10.3, 10.4, and 10.5.

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