



Evaluation Report for Category B, Subcategory B.3.1 Application (New or Changes to Product Label – Decrease in Rate)

Application Number: 2018-0639
Application: Category B.3.1 (New or changes to product label – Decrease in rate)
Product: Arsenal PowerLine Herbicide
Registration Number: 30203
Active Ingredient (a.i.): 240 g/L imazapyr, present as the isopropylamine salt
PMRA Document Number: 2880650

Background

Arsenal PowerLine Herbicide is registered for control of grasses, broadleaf weeds, sedges, and woody species in non-crop areas and for forestry site preparation. It can also be applied as a cut stump treatment to control undesirable woody vegetation. 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 is to amend the registration of Arsenal PowerLine Herbicide to include a reduced rate of 2.34 L/ha for control of six weeds that are labelled for control at 3.0 L/ha. These weeds are clover spp., dandelion, foxtail spp., kochia, mustard spp., and wild carrot.

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 in the form of use history information was submitted for review. The exact same formulation has been registered with the same trade name Arsenal PowerLine Herbicide in the US since 2007. It is recommended for control of undesirable vegetation at various rate ranges based on weed spectrum, including control of clover spp., dandelion, foxtail spp., kochia, mustard spp., and wild carrot at a rate range of 2.34 to 3.51 L/ha. The higher rate is to be used where heavy or well-established infestations occur. Control of these weeds with Arsenal PowerLine at 2.34-3.51 L/ha meets market expectations.

Furthermore, the expansion of the labelled rate of 3.0 L/ha for control of clover spp., dandelion, foxtail spp., kochia, mustard spp., and wild carrot to a rate range of 2.34-3.0 L/ha will give users more flexibility for situations where weed populations would warrant a lower rate.

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 Arsenal PowerLine Herbicide.

Reference

List of Studies/Information Submitted by Registrant

PMRA # 2851124 2018, Application for Arsenal PowerLine rate reduction for control of six labelled weeds in non-cropland areas, DACO: 10.2.4.

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