



Evaluation Report for Category B, Subcategory 4.6 Application

Application Number: 2016-1073
Application: B.4.6 - Fulfill Conditions of Registration on Product with Full Registration.
Product: Navius Herbicide
Registration Number: 30922
Active ingredients (a.i.): Aminocycloprachlor + Metsulfuron-methyl
PMRA Document Number: 2682123

Background

Navius Herbicide was first registered May 1, 2014 (Refer to PRD2014-08 and RD2014-30 - *Aminocyclopyrachlor*). It is registered for foliar application in rangeland and non-crop areas for the control of several herbaceous and woody plant species. Navius Herbicide is registered for application at 167, 334 and 499 g/ha, equivalent to 87, 174 and 260 g a.i./ha, respectively, with performance claims specific to target species and rate. A rate of 668 g/ha (348 g a.i./ha) was also originally labelled for the control of spruce and fir trees between two and three metres in height and for the control of pine trees less than two metres in height. Among the originally registered claims were ones of control of spruce and fir trees less than two metres in height for Navius applied at 334 g/ha. As a condition of full registration, additional information was requested to confirm the performance of Navius Herbicide when applied to conifer trees.

Purpose of Application

The purpose of this application was to address the conditions of full registration and confirm application rates for Navius Herbicide applied for the control of labelled conifer trees.

Chemistry, Health and Environmental Assessments

Chemistry, health and environmental assessments were not required for this application.

Value Assessment

Woody plant control in non-crop areas, such as along railroads, roadsides and hydro right-of-ways aids in maximizing sightlines for safety purposes, ensuring rail bed integrity, eases access for maintenance workers, minimizes electrical outages from overgrown vegetation and reduces the potential for forest fires due to downed trees.

Value information was submitted in the form of efficacy data generated in field trials in Ontario and Nova Scotia to confirm performance claims for Navius Herbicide, specifically for control of labelled conifer species. Each trial was replicated and included separate treatments of Navius Herbicide applied at each of 167, 334, 499 and 668 g/ha. The data confirmed the suitability of the rate of 334 g/ha for the control of spruce and fir trees less than two metres

in height as well as supporting this rate for the control of pine less than two metres in height. Due to the similarity in control between the highest two rates for trees between two and three metres in height for each of the tested conifer species, claims of control are supported for labelled spruce and fir species, as well as for pine within this height range. As the rate of 668 g/ha was only labelled for control of conifer species, the maximum single and annual application rate was reduced from 668 g/ha to 499 g/ha, thereby reducing the total amount of active ingredient applied in areas where control of conifer species is required.

The PMRA has conducted an assessment of the subject application and has determined that the submitted information is adequate to support labelled claims of control of spruce, pine and fir species for Navius Herbicide applied at 334 g/ha (174 g a.i./ha) to trees less than two metres in height and at 499 g/ha (260 g a.i./ha) to trees of the same species that are between two and three metres in height.

Conclusion

The PMRA has reviewed the information provided in support of this application. Based on this review, the outstanding data requirements have been satisfied and the maximum single and annual application rate was reduced from 668 g/ha to 499 g/ha, therefore, this product is acceptable for full registration.

References

2609616	2016, Navius Herbicide - Additional Efficacy Data Required to Fulfill a Condition of Full Registration, DACO: 10.2.3.3(B)
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ISSN: 1911-8082

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