



Evaluation Report for Category B, Subcategory B 3.1 Application (New or Changes to Product Label – Rate increase or decrease)

Application Number: 2016-7591
Application: Category B, Subcategory B 3.1 (Rate decrease)
Product: Tordon 22K Herbicide
Registration Number: 9905
Active ingredients (a.i.): 240 g/L picloram
PMRA Document Number: 2757182

Background

Tordon 22K Herbicide is registered for control of deep-rooted perennial and biennial weeds on rangeland, permanent grass pastures and non-crop land in Canada. Tordon 22K Herbicide was first registered in Canada in 1964 and the existing control claims for leafy spurge, toadflax and field bindweed were registered in 2000. 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 Tordon 22K Herbicide label (Reg. No. 9005) to control low densities of leafy spurge, toadflax and field bindweed with the lower labelled rate of 4.5 L/ha Tordon 22K. This rate may be used for either spot application or broadcast application. The higher labelled rate of 9 L/ha will be confined to spot application of areas <0.5 ha to control high densities of these same weeds. Further clarity on method of application (spot treatment vs. broadcast application) was made to the label also.

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

Leafy spurge, toadflax and field bindweed are weeds that are prevalent in western Canada and can be difficult to control. Presently these weeds may be controlled using spot application only at a rate of 9 L/ha.

The value information provided for review included history of use and a rationale from DOW AgroSciences and was found to be supportive of the value of using a lower rate of 4.5 L/ha Tordon 22K Herbicide for the control of lower densities of leafy spurge, toadflax and field bindweed via broadcast application. The additional label clarifications are acceptable. The use of a lower rate to control low densities of leafy spurge, toadflax and field bindweed by broadcast application will give users more flexibility to manage these weeds.

Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Tordon 22K Herbicide to include broadcast application at a lower rate for the control of low densities of leafy spurge, toadflax and field bindweed.

References

2704861 US history of Tordon 22K to support new use, DACO: 10.2.3.3,10.3.2(A)

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