

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

Application Number: 2016-3408
Application: Category B.3.1 (New or changes to product label – Rate decrease)
Product: Velocity SP Herbicide
Registration Number: 28833
Active Ingredient (a.i.): 76.1% bispyribac-sodium
PMRA Document Number: 2708011

Background

Velocity SP is registered for reduction of annual bluegrass and suppression of the broadleaf weeds dandelion and white clover as well as the fungal pathogen dollar spot in certain species of established turf (golf course and sod farm), specifically creeping bentgrass, perennial ryegrass, Kentucky bluegrass, and tall fescue. 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 include two additional spray programs and amend one labelled spray program, all of which include a new lower rate of 16 g/ha, for annual bluegrass reduction.

- Apply Velocity SP at 16-31 g/ha on a 21- to 28-day interval. Use lower rate and wider application interval for the slowest conversion.
- Make two applications of Velocity SP at 16-31 g/ha in late spring or early summer on a 14-day interval followed by two applications in the late summer and early fall on a 14-day interval.
- Apply Velocity SP at 16-31 g/ha on a 7- to 14-day interval in the early season and continue until the desired level of annual bluegrass control is achieved.

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 lower application rate of 16 g/ha brings greater flexibility and an additional option to slowly remove annual bluegrass with minimal disturbance to turfgrass growth and eventually to have a pure stand of desirable turf.

Value information, which included data from replicated field trials conducted in Michigan and Illinois between 2003-2007 and use history information from NuFarm USA, demonstrated that the multiple applications of Velocity SP at the lower rate of 16 g/ha with various intervals can be expected to provide acceptable control of annual bluegrass with minimal disturbance to turfgrass growth.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Velocity SP as requested.

References

- PMRA # 2657334 2016, Appendix 1: Trial reports for "value summary for Velocity SP Herbicide - Amendment of label rate", DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.3(B), 10.2.4, 10.3, 10.3.2(A), 10.5.1, 10.5.2, and 10.5.3.
- PMRA # 2657336 2016, Velocity SP Herbicide - Use history information, DACO: 10.2.4.

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