

Velocity SP Herbicide Evaluation Report for Category C Streamlined, Subcategory 3.11 Application

Application Number: 2012-3663
Application: Category C, Subcategory C.3.11 Application (addition of new pest)
Product: Velocity SP Herbicide
Registration Number: Reg. No. 28833
Active ingredients (a.i.): bispyribac-sodium [BIA]
PMRA Document Number : 2264253

Background

Velocity SP Herbicide (Reg. No. 28833) was first registered in March of 2008. Velocity SP Herbicide contains 76.1% w/w bispyribac-sodium (Group 2 Herbicide) and is labelled for the post-emergence reduction of annual bluegrass and suppression of dollar spot in turf (creeping bentgrass, perennial ryegrass, Kentucky bluegrass and tall fescue) on golf courses and sod farms across Canada. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

Valent Canada Inc. has applied to amend the registration of Velocity SP Herbicide by adding two new pests to the label (dandelion and white clover) for suppression when Velocity SP is applied in accordance with the currently labelled use pattern.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and Environmental assessments were not required since the use pattern, including host crops, application rates and timings of the component products remain unchanged.

Value Assessment

Information reviewed for the subject application included data from eight small scale field trials as well as information from three Research Authorizations and Use History Information provided by two professionals in the US and four golf superintendents / managers in Ontario.

The information provided for review indicate that Velocity SP Herbicide can be expected to suppress dandelion and white clover in turfgrass when applied in accordance with the label at rates ranging from 23.6 to 70.8 g ai/ha. The registration of Velocity SP Herbicide for the suppression of dandelion and white clover will provide an additional tool for the suppression of these weeds in turfgrass. Furthermore, given that most users of Velocity SP Herbicide would be expected to apply this product primarily for the control of annual bluegrass in turfgrass, the suppression of these two weeds is an added benefit from the application of Velocity SP Herbicide.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Velocity SP Herbicide by adding two new pests to the label (dandelion and white clover) for suppression when Velocity SP is applied in accordance with the currently labelled use pattern.

References

PMRA

Doc ID #	Reference
2222459	2012, Value Summary for Velocity SP Herbicide, DACO: 10.1, 10.2, 10.2.3.2(B), 10.3, 10.4, 10.5, 10.6
2222461	2012, Value Summary for Velocity SP Herbicide - APPENDIX 2: Trial Reports for Efficacy and Crop Tolerance Evaluations of Velocity SP Herbicide, DACO: 10.1,10.2.3.2(B),10.3.2(A)
2222463	2012, Value Summary for Velocity SP Herbicide - APPENDIX 3: Trial Reports for Efficacy and Crop Tolerance Evaluations from a 2007 Research Authorization of Velocity SP Herbicide, DACO: 10.1,10.2,10.2.3.2(B),10.3

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