



Evaluation Report for Category B, Subcategory 3.11 and 3.12 Application

Application Number: 2011-4782
Application: Changes to product label – New pest, new site or host
Product: Bioprotec CAF Aqueous Biological Insecticide
Registration Number: 26854
Active ingredients (a.i.): *Bacillus thuringiensis* subsp. *kurstaki* strain HD-1
PMRA Document Number: 2147136

Background

Bioprotec CAF Aqueous Biological Insecticide (Registration number 26854) is a commercial class end-use product containing *Bacillus thuringiensis* subsp. *kurstaki* strain HD-1 as its active ingredient. Bioprotec CAF Aqueous Biological Insecticide is registered for use on a wide range of agricultural and greenhouse crops to control a variety of pests.

Purpose of Application

The purpose of this application was to add a new crop (grape) and new pests (bagworm, leafroller, grape berry moth) to the Bioprotec CAF Aqueous Biological Insecticide label.

Chemistry and Environmental Assessment

Chemistry and environmental assessments were not required for this application.

Health Assessments

For grapes, the application rate, method of application and use-site category are consistent with currently registered uses for Bioprotec CAF Aqueous Biological Insecticide. As such, human health and safety, as well as occupational/bystander and dietary exposure assessments were not required.

The registrant has provided adequate information to support the new crop and pest combinations for Bioprotec CAF Aqueous Biological Insecticide. Given the low toxicity and pathogenicity profile of the active ingredient in Bioprotec CAF Aqueous Biological Insecticide, additional risks to human health and safety are not expected as a result of the new use on grapes.

Value Assessment

Based on an evaluation of submitted field trial data and scientific rationales, application of Bioprotec CAF Aqueous Biological Insecticide at the rate of 2.8 L/ha is expected to provide acceptable control of grape berry moth, leafrollers, and bagworms on grapes.

Conclusion

The PMRA has completed an assessment of available information for Bioprotec CAF Aqueous Biological Insecticide and has found the information sufficient to add a new crop (grape) and new pests (bagworm, leafroller, grape berry moth) to the Bioprotec CAF Aqueous Biological Insecticide label.

References

- 2112197 2011. Value Summary. DACO: M10.1
- 2112205 2001. Field Study. DACO: M10.2.2

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