

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

Application Number: 2017-7830
Application: New or Changes to Product Label – Application Rate Decrease
Product: CYD-X
Registration Number: 30120
Active ingredient (a.i.): *Cydia pomonella* granulovirus strain M
PMRA Document Number : 2868798

Background

CYD-X is a commercial class product registered for control of codling moth in apple trees. The product contains $>3 \times 10^{13}$ occlusion bodies of *Cydia pomonella* granulovirus strain M per litre, is applied as a foliar spray, and was originally registered for application at the rate of 250 mL/ha.

Purpose of Application

The purpose of this application was to add a lower application rate of 100 mL/ha so that the label contains the application rate range of 100-250 mL/ha, along with new use directions regarding when to use lower or higher application rates in that range.

Chemistry Assessment

A chemistry assessment was not required because there was no change to product chemistry.

Health Assessments

Health assessments were not required because there was no change in the overall use pattern of the product except to add a lower application rate.

Environmental Assessment

An environmental assessment was not required because there was no change in the overall use pattern of the product except to add a lower application rate.

Value Assessment

Efficacy data from four field trials were submitted in support of the new lower application rate. These trials showed that lower application rates produced results comparable to higher rates close to the originally registered application rate. Two of the trials showed numerical evidence of a rate effect, indicating that the higher rate may still have greater value under higher pest pressure. The new range of application rates will provide growers with the flexibility to adjust application

rates according to conditions such as varying pest pressure.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of CYD-X to include application rates of 100-250 mL/ha and directions regarding when to use different rates in that range.

References

- 2833187 2003, CONTROL OF CODLING MOTH WITH CODLING MOTH GRANULOSIS VIRUS (CARPOVIRUSINE, CYD-X AND VIROSOFT), SPINOSAD (ENTRUST) AND AZINPHOS-METHYL (GUTHION), 2003, DACO: M10.2.2
- 2833188 2005, EARLY SEASON INSECT/VIRUS STUDY, 2005, DACO: M10.2.2
- 2833189 2009, EVALUATION OF GRANULOSIS VIRUS PRODUCTS - 2009, DACO: M10.2.2
- 2833190 2010, EVALUATION OF INSECTICIDE PROGRAMS FOR CODLING MOTH CONTROL IN APPLE - AIRBLAST APPLICATIONS, 2010, DACO: M10.2.2

ISSN: 1911-8082

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