

Evaluation Report for Category B, Subcategory 4.6 Application

Application Number: 2013-4004
Application: Submission to fulfill conditions of registration on a product with full registration
Product: ecoFOG-160
Registration Number: 30871
Active ingredients (a.i.): Pyrimethanil
PMRA Document Number: 2348147

Purpose of Application

The purpose of this application was to fulfill conditions of full registration for ecoFOG-160.

Chemistry, Health and Environmental Assessments

Chemistry, health and environmental assessments were not required for this application.

Value Assessment

Additional information was requested in a previous application to confirm the level of efficacy (control or suppression) against blue mould on apples and pears when ecoFOG-160 was applied at the registered rate. One trial conducted in Ceres, South Africa in 2008 was submitted to demonstrate the level of control expressed at the registered rate. Use History information was also submitted to support the claim of control.

Disease pressure in the submitted trial was too low to determine the appropriateness of the registered rate or the level of control of blue mould. Use history information indicates high levels of control (80 – 98%) as a result of thermofog treatment with pyrimethanil. Data from the previous application demonstrated good control of blue mould incidence on apple and pear under high disease pressure using a 1.6x rate. Pyrimethanil is currently registered for suppression of blue mould as a foliar treatment to apple prior to harvest, which was the basis of supporting a suppression claim on the ecoFOG-160 label in the previous application. It is assumed that application of pyrimethanil immediately prior to storage of harvested pome fruit would result in higher levels of control of blue mould than a foliar treatment applied two weeks prior to harvest. The weight of evidence from trial data from the previous application and the use history information submitted with this application suggest that the claim of control of blue mould is appropriate at the registered rate.

The registration of ecoFOG-160 provided a new mode of action fungicide for use postharvest on pome fruit and also offered growers an alternative to dip treatments, which can become contaminated with fungal spores. For resistance management reasons, ecoFOG-160 should not be used on apples that were previously treated with pyrimethanil or other Group 9 fungicides prior to harvest to control grey mould.

Conclusion

The PMRA has completed an assessment of the available information and is able to support the removal of conditions from the full registration of ecoFOG-160.

References

2328828 Use History Table, DACO: 10.2.3.1

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