

Evaluation Report for Category B, Subcategory 3.1 Application

Application Number: 2024-0908
Application: New Product Labels-Application Rate decrease
Applicant: Pace International LLC
Product: ecoFOG-160
Registration Number: 30871
Active ingredient (a.i.): Pyrimethanil 16%
PMRA Document Number: 3613392

Background

The fungicide product ecoFOG-160 containing the active ingredient pyrimethanil (16% solution) has been registered since 2013. ecoFOG-160 is registered for use at a rate of 60 ml product/1000 kg fruit to manage gray mold and blue mold on stored pome fruit when applied after harvest with a thermal fogger. For specific details on use directions, precautions, and restrictions, refer to the product label.

Purpose of Application

The purpose of this application was to add a lower application rate of 30 mL/1000 kg fruit to the ecoFOG-160 use directions to the currently registered rate of 60 mL/1000 kg fruit to manage already registered diseases.

Chemistry, Health and Environmental Assessment

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 crop, the upper application rate and timing, remained unchanged.

Value Assessment

The results from apple and pear efficacy trials demonstrated that a reduced rate of ecoFOG-160 of 30 mL product/1000 kg of fruit was effective at reducing grey mould and blue mould in stored pome fruits under conditions of low to moderate disease pressure.

Grey and blue moulds are major post-harvest diseases of pome fruits, which includes apples and pears, with infections resulting in fruit rot and loss of fruit quality in storage. The addition of a reduced but effective application rate will pome fruit producers with the flexibility to adjust the application rate of ecoFOG-160 in response to expected disease pressure.

Conclusion

The Pest Management Regulatory Agency has completed the assessment of the subject application and determined that the submitted information was adequate to amend the application rate for ecoFOG-160 from 60 mL product/1000 kg fruit to 30-60 mL product/1000 kg fruit to manage gray mold and blue mold in stored pome fruit when used according to label directions.

References

PMRA #	Reference
3562640	2024, Value Summary ecoFOG-160, containing Pyrimethanil, for Amendment to Application Rate, DACO: 10.1, 10.2.1, 10.2.2, .2.3.1, 10.2.3.3, 10.3.1, 10.3.2, 10.4, 10.5.1, 10.5.2, 10.5.3, 10.5.4
3562643	2024, APPENDIX 1: Trial Reports for "Value Summary ecoFOG-160, containing Pyrimethanil, for Amendment to Application Rate", DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.3, 10.3.1, 10.4, 10.5.1, 10.5.2, 10.5.3, 10.5.4

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