



Evaluation Report for Category B, Subcategory B.3.9 Application

Application Number: 2018-4533
Application: Changes to the Product Label
Product: Buran
Registration Number: 30601
Active ingredients (a.i.): Garlic Powder
PMRA Document Number: 2969034

Background

Buran was first registered on October 17, 2012. Buran, containing 15% garlic powder, is registered for the suppression or control of powdery mildew in apple, crab apple, pear, grape, squash and cucumber, as well as scab in apple, crab apple and pear. In apple, crab apple, and pear, Buran may be applied at 9 L/ha without surfactant to suppress powdery mildew caused by *Podosphaera leucotricha* and with a non-ionic surfactant to control powdery mildew under conditions conducive to the development of low to moderate disease pressure. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this application was to remove the claim of suppression of powdery mildew for Buran applied without a non-ionic surfactant (NIS) to apple, crab apple and pear, and to extend the claim of control of powdery mildew for Buran applied with a NIS to include its use under conditions favouring development of high disease pressure.

Chemistry Assessment

A chemistry assessment was not required as there was no change to the product formulation.

Health and Environmental Assessments

Health and environmental assessments were not required as there was no change to the use pattern, including application rates, methods and timings and with respect to the use of surfactants.

Value Assessment

The application of 9 L/ha Buran in combination with 0.1% v/v of a NIS was already labeled for the control of powdery mildew in apple, crab apple and pear under conditions favouring low to moderate disease pressure. In support of extending this use to include control

of powdery mildew under conditions conducive to high disease pressure, it was argued that an incidence of powdery mildew of 27% that was observed at a site in New York could be considered to be high in terms of disease pressure. However, this level of infection is considered to be moderate in that much higher levels of infection can develop. Therefore, the current use of Buran in combination with a NIS for the control of powdery mildew remains limited to conditions favouring the development of low to moderate disease pressure.

Conclusion

The PMRA has completed an assessment of the subject application and has concluded that 1) the application of Buran applied with a non-ionic surfactant to apple, crab apple and pear to control powdery mildew prior to disease development and under conditions favouring low to moderate disease pressure remains supported and that 2) the use of Buran without a surfactant to suppress powdery mildew in these crops may be removed.

References

None

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