



## Evaluation Report for Category B, Subcategory 3.11 Application

**Application Number:** 2023-4377  
**Application:** New or Changes to Product Labels: New Pests  
**Product:** TreeAzin® Systemic Insecticide  
**Registration Number:** 30559  
**Active ingredient (a.i.):** Azadirachtin (AZD)  
**PMRA Document Number:** 3546263

### Background

TreeAzin® Systemic Insecticide is a systemic insecticide solution formulated with 5% azadirachtin that is applied as an injection into the host tree. TreeAzin® Systemic Insecticide is applied to several forest and ornamental trees to manage various insect pests. TreeAzin® Systemic Insecticide is applied at rates of 1 mL/cm DBH (diameter of the tree at breast height, 1.3 m) to 5 mL/cm DBH, dependent upon the target pest. For full details of the registered use pattern, refer to the product label.

### Purpose of Application

The purpose of this application is to add uses for the management of *Agrilus* beetles, aphids, beech leaf mining weevil and browntail moth on various forest and ornamental trees to the label of TreeAzin® Systemic Insecticide.

### Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to the product formulation and as there was no change to the use pattern, including application rates, methods and timings.

### Value Assessment

Based on the results from all trials and scientific rationales, TreeAzin® Systemic Insecticide manages *Agrilus* beetles, aphids, beech leaf mining weevil, and browntail moth on forest and ornamental trees. The value information provided was sufficient to support the management of *Agrilus* beetles at the application rate of 5 mL/cm DBH, aphids and browntail moth at the application rate of 3 mL/cm DBH, and beech leaf mining weevil at the application rate of 3 mL/cm DBH for annual application and 5 mL/cm DBH for biennial applications. TreeAzin® would provide a new mode of action to manage *Agrilus* beetles, beech leaf mining weevil and browntail moth on forest and ornamental trees.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found the information acceptable to add the management of *Agrilus* beetles, aphids, beech leaf mining weevil and browntail moth on various forest and ornamental trees to the label of TreeAzin® Systemic Insecticide.

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