



## Evaluation Report for Category B, Subcategory 4.6 Application

**Application Number:** 2017-0801  
**Application:** Conversion to fulfill the requirements of registration on a product with full registration  
**Product:** T34 Biocontrol  
**Registration Number:** 30229  
**Active ingredient (a.i.):** *Trichoderma asperellum* strain T34  
**PMRA Document Number :** 2754212

### Purpose of Application

The purpose of this application was to fulfill the requirements of full registration for the microbial end-use product T34 Biocontrol.

### Chemistry Assessment

Data and information were submitted to change the storage stability label statement for T34 Biocontrol. The data and information supported the change to two years when stored at 4°C. No additional information or data are required.

### Health Assessments

A health risk assessment was not required for this application.

### Environmental Assessment

An environmental risk assessment was not required for this application.

### Value Assessment

The additional value information requirements were addressed using efficacy data and use history information. Efficacy data from four greenhouse trials on gladiolus, cyclamen and chrysanthemum demonstrated that T34 Biocontrol at the label rates suppressed the *Fusarium* disease on greenhouse ornamentals other than carnations. In addition to the efficacy data, four testimonies on uses of T34 Biocontrol from the UK and Spain confirmed that T34 Biocontrol suppresses *Fusarium oxysporum* when used preventatively on greenhouse ornamentals under low to moderate disease pressure, and indicated that T34 Biocontrol has become an important tool in managing *Fusarium* diseases on ornamental plants. An updated compatibility statement and a revised table of directions for use are also supported.

### Conclusion

The Pest Management Regulatory Agency has completed an assessment of

the information provided, and has found the information sufficient to fulfill the requirements of full registration for the microbial end-use product T34 Biocontrol.

## References

PMRA Document Number	Reference
2727949	2016, Greenhouse Trial on Managing Fusarium Wilt of Chrysanthemum with Asperello T34 Biocontrol, DACO: M10.2.2
2727950	2016, Efficacy of the biofungicide <i>Trichoderma asperellum</i> , strain T34 against Fusarium wilt disease caused by <i>Fusarium oxysporum</i> f. sp. <i>cyclaminis</i> in cyclamen, in greenhouse conditions, DACO: M10.2.2
2727951	2015, Efficacy of the biological control agent <i>Trichoderma asperellum</i> , strain T34 against Fusarium wilt disease caused by <i>Fusarium oxysporum</i> f. sp. <i>cyclaminis</i> in cyclamen, DACO: M10.2.2
2727952	2014, Efficacy of the biological control agent <i>Trichoderma asperellum</i> strain T34 against Fusarium yellows and corm rot in gladiolus grown in growth chamber, DACO: M10.2.2
2727953	2017, T34 Biocontrol Label from Spain, DACO: M10.5
2727954	2017, T34 Biocontrol Label from the UK, DACO: M10.5
2727955	2016, T34 Biocontrol History of Use Crop tolerance and efficacy considerations, DACO: M10.5
2727956	2016, T34 Biocontrol History of Use Crop tolerance and efficacy considerations, DACO: M10.5
2727957	2016, T34 Biocontrol History of Use Crop tolerance and efficacy considerations, DACO: M10.5
2727958	2016, T34 Biocontrol History of Use Crop tolerance and efficacy considerations , DACO: M10.5
2727959	2017, Value Summary for T34 Biocontrol, containing <i>Trichoderma asperellum</i> strain T34, to Fulfill Conditions of Full Registration, DACO: M10.1,M10.2.2,M10.3.2
2732474	2011, Study of Storage Stability and Shelf Life of <i>Trichoderma asperellum</i> , strain T34, MPCP (From Different Batches at 4C and 25C), DACO: M2.11 CBI

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