

Evaluation Report for Category B, Subcategory 2.2 Application

Application Number: 2015-6042
Application: Change to end-use product chemistry-Form of technical grade active ingredient
Product: Serifel
Registration Number: 30054
Active ingredients (a.i.): *Bacillus amyloliquefaciens* strain MBI 600
PMRA Document Number: 2697970

Background

The commercial end-use product, Serifel (Registration Number 30054), was first registered for use in Canada in 2011 as a fungicide on greenhouse fruiting vegetables, greenhouse cucurbits and greenhouse ornamentals.

Purpose of Application

The purpose of this application was to change the microbial pest control agent (MPCA) used in Serifel.

Chemistry Assessment

Data and information were submitted to change the species of the MPCA from *Bacillus subtilis* strain MBI 600 to *Bacillus amyloliquefaciens* strain MBI 600. The data and information supported the change in the taxonomic designation of the MPCA. No additional information or data are required to complete the product characterization and analysis database for Serifel.

Health, Environmental and Value Assessments

Health, environmental and value assessments were not required for this application.

Conclusion

The PMRA has completed a review of all available information in support of Serifel and found it sufficient to approve the change in the taxonomic designation of the MPCA.

References

PMRA Document Number	Reference
2581436	2012, Biochemical, Morphological and Molecular Characterization of <i>Bacillus amyloliquefaciens</i> subsp. plantarum Strain MBI600, DACO: M2.7.1
2581437	2012, Genetic Characterization of Strain MBI600, DACO: M2.7.1
2581445	2015, Hypersensitivity Incidence with <i>Bacillus amyloliquefaciens</i> Strain MBI600, DACO: M4.6
2637563	2016, Confirmation of the Completion of Genome Sequencing of <i>Bacillus amyloliquefaciens</i> Strain MBI600, DACO: M2.7.1 CBI
2684944	2016, Routine Quality Control Analysis of <i>Bacillus amyloliquefaciens</i> strain MBI600 in Technical Grade Material, DACO: M2.9.2 CBI
2684945	2016, <i>Bacillus amyloliquefaciens</i> strain MBI 600 Technical Group A Product Analysis, DACO: M2.10.2, M2.8, M2.9.2 CBI

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