



## Evaluation Report for Category B, Subcategory 3.13 Application

**Application Number:** 2013-0607  
**Application:** B.3.13 – Change to Product Label: Precautions  
**Product:** Rootshield Granules Biological Fungicide  
**Registration Number:** 27116  
**Active ingredients (a.i.):** *Trichoderma harzianum* strain KRL-AG2  
**PMRA Document Number:** 2323509

### Background

RootShield Granules Biological Fungicide (PCPA Reg. No. 27116) contains the active ingredient *Trichoderma harzianum* strain KRL-AG2 and is currently registered for use as commercial class biological fungicide for the suppression of root diseases caused by *pythium*, *rhizoctinia* and *fusarium* in greenhouse vegetables, and outdoor nursery plants. RootShield Granules Biological Fungicide is incorporated at rate of 600–750g of product per cubic metre (loose) of soil or growing media.

### Purpose of Application

The purpose of this application was to add larger container sizes to the RootShield Granules Biological Fungicide label. The bulk size container totes are 223.8 kg and 453.59 kg. These larger sized formats will allow RootShield Granules Biological Fungicide to be shipped in bulk to growers and soil blenders. Soil blending is a custom service provided to commercial greenhouse growers and the treated soil is not repackaged for resale.

### Chemistry Assessment

The chemistry database for RootShield Granules Biological Fungicide is complete.

### Health Assessments

Previously reviewed data for the initial registration decision showed that the mammalian toxicity/pathogenicity of the active ingredient *Trichoderma harzianum* strain KRL-AG2 poses little risk to human health and safety when used as directed.

The formulants in RootShield Granules Biological Fungicide are not expected to pose a risk to workers health when used according to the product label.

Since April 26, 2007, registrants have been required by law to report incidents, including adverse effects to health and the environment, to the PMRA within a set time frame. Information on the reporting of incidents can be found on the Pesticides and Pest Management portion of Health Canada's website [www.healthcanada.gc.ca/pesticideincident](http://www.healthcanada.gc.ca/pesticideincident). As of July 05, 2011, there were no incidents related to health or the environment reported in the PMRA Incident reporting database or the California Department of Pesticide regulation (CalDPR) for products containing *T. harzianum* strain KRL-AG2 for use as pesticides.

### **Environmental and Value Assessments**

Environmental and value assessments were not required.

### **Conclusion**

The PMRA has completed an evaluation of this application and has found the information submitted sufficient to add the larger sizes to the RootShield Granular Biological Fungicide label.

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