



## Evaluation Report for Category C, Subcategory C.3.11 Application

**Application Number:** 2009-1408  
**Application:** Category C, Subcategory C.3.11 [New or Changes to Product Labels – New Pest]  
**Product:** Trilex AL Seed Treatment Fungicide  
**Registration Number:** 29160  
**Active ingredients (a.i.):** Trifloxystrobin [TFY] + Metalaxyl [MTA]  
**PMRA Document Number:** 1781905

### Background

Trilex AL Seed Treatment Fungicide contains 13.5 g/L trifloxystrobin + 10.8 g/L metalaxyl, a group 11 + 4 fungicide. Trilex FS is currently registered to provide seed and seedling protection from seed and soilborne diseases caused by *Rhizoctonia solani*, *Fusarium spp.*, *Pythium spp.*, *Botrytis cinerea* and *Phomopsis longicolla* on bean, chickpea, lentil, pea and soybean. The currently registered rate for all crops is 370 mL product per 100 kg seed.

### Purpose of Application

The purpose of this application is to add the suppression of seed-borne ascochyta blight caused by *Ascochyta* spp. on chickpea, pea and lentil to the label of Trilex AL Seed Treatment Fungicide. The proposed use pattern is same as other labelled diseases.

### Chemistry, Health, and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since the use pattern, including host crop, application rates and timings, of the component product remained unchanged.

### Value Assessment

Nine efficacy trials were provided to support the claim. However, the data have been previously reviewed in Submission No. 2009-0317 (Trilex AL Concentrate Seed Treatment Fungicide). In previous submission, data from nine efficacy trials including 12 seed lots on chickpea, pea and

lentil were reviewed. Trilex AL was tested in all these trials. Trilex AL significantly reduced seed infection levels compared to the non-treated control. The mean levels of ascochyta blight reduction for Trilex AL were 82%, 68% and 51% on chickpea, pea and lentil, respectively. There was no phytotoxicity reported in the submitted trials. The rates of trifloxystrobin and metalaxyl that will be applied at the proposed for Trilex AL Seed Treatment Fungicide are equivalent to the rates supported under Submission No. 2009-0317 for Trilex AL Concentrate Seed Treatment Fungicide. Based on the efficacy data reviewed in the previous submission, the claims for suppression of seed-borne ascochyta blight caused by *Ascochyta* spp. on chickpea, pea and lentil is supported.

## **Conclusion**

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Trilex AL Seed Treatment Fungicide to include suppression of seed-borne ascochyta blight caused by *Ascochyta* spp. on chickpea, pea and lentil.

## **References**

PMRA #1746793, 2008, Trilex AL Seed Treatment Fungicide For Suppression of Seed-borne *Ascochyta* spp. in Field Pea, Lentil and Chickpea. PART 10 EFFICACY/VALUE.

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