

## Evaluation Report for Category B, Subcategory 3.11 Application

**Application Number:** 2014-4397  
**Application:** Category B, subcategory 3.11  
**Product:** Allegro 500F Agricultural Fungicide  
**Registration Number:** 27517  
**Active ingredients (a.i.):** Fluazinam  
**PMRA Document Number:** 2512705

### Background

Allegro 500F Agricultural Fungicide has been registered in Canada since October, 2003. It is currently registered for the control or suppression of diseases in a broad range of crops including apples, soybean, potato, ginseng, carrots, cantaloupe, peppers, onions, and certain berry, legume and brassica crops. A suppression claim against certain mites on apples also appears on the label. For complete details of uses, including rates and methods of application, safety precautions and restrictions, refer to the Allegro 500F Agricultural Fungicide label.

### Purpose of Application

The purpose of this application was to add new claims to the Allegro 500F Agricultural Fungicide label for the control of bitter rot and alternaria blotch on apples. The proposed rate of 0.75-1.0 L/ha and all associated label directions fall within the currently registered use pattern for Allegro 500F Agricultural Fungicide applications on apples.

### 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 rates indicated for the new disease claims fall within the currently registered rate range for apples. All other elements of the use pattern also remain unchanged.

### Value Assessment

Three efficacy trials were provided to support the value of the claim against bitter rot on apples. Data demonstrated in all trials Allegro provided significantly less bitter rot incidence than the untreated control. The results from one trial showed comparable or higher levels of control in fruit infected at harvest in the spray program where Allegro was included compared to a standard program with registered alternatives. Two efficacy trials were provided to support the value of the claim against alternaria blotch on apples.

In both trials, high levels of alternaria blotch control were observed in leaf spot incidence and defoliation of trees in comparison to those from untreated control trees. Based on the value information submitted, a claim of control of bitter rot and alternaria blotch on apples was supported at 0.75-1.0 L/ha. The expansion of the Allegro 500F Agricultural Fungicide label to include control claims for bitterroot and alternaria provides Canadian apple producers an alternative product with a new mode of action.

### **Conclusion**

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Allegro 500F Agricultural Fungicide to add new claims of control against bitter rot and alternaria blotch on apple.

## References

2461659	2014, Efficacy Summary - Add Pests to Apples and Reduce Application Rate Range for Currently Labelled Apple Pests, DACO: 10.1
2461660	2014, Efficacy Summary - Add Pests to Apples and Reduce Application Rate Range for Currently Labelled Apple Pests, DACO: 10.1,10.2.3.1

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