

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2014-5290
Application: New or Changes to Product Labels-New Pests
Product: ALLEGRO 500F AGRICULTURAL FUNGICIDE
Registration Number: 27517
Active ingredients (a.i.): Fluazinam
PMRA Document Number : 2500359

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 Brook's spot and black rot on apples. The proposed rate of 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

The value information to support the claim of Brook's spot relied on documented use history in the U.S. where the claim is already registered on an equivalent fluazinam-based product. Recommendations and ratings reported in extension publications were indicative of field performance of fluazinam that would be consistent with standards of disease suppression in Canada. Because of the similarities between Canadian and U.S. apple production, the expert evaluations of fluazinam performance were deemed relevant and sufficient to support the value of amending the registration of Allegro 500F Agricultural Fungicide in Canada to include a claim of suppression against Brook's spot on apples.

Two efficacy trials were provided to support the value of the claim against black rot of apples. Although a substantial proportion of harvested apples from fluazinam-treated trees presented symptoms of black rot infection in both trials, disease levels in these treatments were significantly reduced compared to the untreated control trees. In some instances, the standard spray programs that were tested for comparison purposes showed significantly higher levels of efficacy compared to the fluazinam spray programs. Results from the efficacy trials were deemed consistent with standards expected from a claim for suppression of black spot.

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 suppression against Brook's spot and black rot of apples.

References

2473337 Efficacy Summary - Add Pests to Apples. DACO: 10.1, 10.2.3.1

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