

Evaluation Report for Category B, Subcategory 3.1 Application

Application Number: 2014-5288
Application: New or Changes to Product Labels-Application Rate Increase or Decrease
Product: ALLEGRO 500F AGRICULTURAL FUNGICIDE
Registration Number: 27517
Active ingredients (a.i.): Fluazinam
PMRA Document Number: 2500339

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 amend the registration of Allegro 500F Agricultural Fungicide to reduce the lower application rate of 0.75 L of product/ha to 0.50 L of product/ha for the control of three diseases on apples: apple scab, flyspeck, and sooty blotch. The higher rate in the registered range of 1 L of product/ha remains unchanged.

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 new rate falls below currently registered rates and all other elements of the use pattern remain unchanged.

Value Assessment

Efficacy data from a total of five efficacy trials conducted on apple scab, flyspeck, and sooty blotch were submitted to demonstrate equivalent levels of efficacy between the currently registered low rate for Allegro 500F Agricultural Fungicide of 0.75 L/ha and the new proposed rate of 0.5 L/ha. Various parameters were used to assess product performance including marketable yields, and disease incidence on fruits and leaves. The data showed consistently equivalent levels of disease reduction between the 0.5 L/ha application rate and the next highest tested rate in each trial, which was equivalent or higher to 0.75 L/ha.

With demonstrated efficacy at a lower rate, this use pattern amendment of the Allegro 500F Agricultural Fungicide provides Canadian apple growers with greater flexibility and the potential for increased competitiveness by reducing costs associated with disease management.

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 reduce the lowest labelled rate to manage three summer apple diseases: apple scab, flyspeck, and sooty blotch.

References

2473288 2014, Efficacy Summary - Reduce Application Rate Range for Currently Labelled Apple Pests. DACO: 10.1, 10.2.3.1

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