

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2019-1046
Application: New or Changes to Product Labels – New pests
Product: Allegro 500F Agricultural Fungicide
Registration Number: 27517
Active ingredients (a.i.): Fluazinam (FLZ)
PMRA Document Number : 3020474

Background

Allegro 500F Agricultural Fungicide is a broad-spectrum suspension fungicide containing the active ingredient fluazinam. It is currently registered in Canada for the control or suppression of certain leaf diseases on potato, soybean, edible-podded legume vegetables, ginseng, dry bulb onion, carrots, apple and certain other crops. It is also registered for the control of white mold on dry shelled beans, except soybeans.

Purpose of Application

The purpose of this application is to expand the registration of Allegro 500F Agricultural Fungicide for the control of anthracnose on dry shelled beans, except soybeans at current label rates of 0.6 – 1.0 L/ha.

Chemistry, Health and Environmental Assessment

A chemistry assessment was not required since there was no change to product chemistry. Health and environment assessments were not required since the use pattern remained unchanged.

Value Assessment

Value information from five efficacy trials conducted in Ontario from 2014 to 2018 were reviewed to support the use claims. Overall, Allegro 500F demonstrated an acceptable level of disease control for anthracnose on dry shelled beans. The efficacy of Allegro 500F was comparable to that achieved by commercial standard Quadris in the same field trials.

Anthracnose is one of the most important diseases in dry bean, and can cause complete yield loss under conditions favorable to disease development. Seed treatment with a systemic fungicide is often recommended, as the pathogen is seed-borne; however, foliar fungicide applications are frequently required to reduce pod infection. Certain conventional fungicides, including fungicides with different modes of action, are registered in Canada for both seed treatment and as rotational products for foliar applications. The registration of this new use will provide Canadian growers with a new active ingredient to manage anthracnose on dry shelled beans.

Conclusion

The supporting evidence confirmed the value of Allegro 500F Agricultural Fungicide on the control of anthracnose on dry shelled beans. The claim is supported as proposed.

References

- 2972207 2019, 10 1 Allegro - Value Summary, DACO: 10.1
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2972210 2014, 2014 Anthracnose Foliar Head to Head - OAC Rex, DACO: 10.2.3.3
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2972211 Exeter ON, DACO: 10.2.3.3
2018, 2018 Anthracnose Foliar Fungicide Head to Head Early Planting University of
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