

Allegro 500F Agricultural Fungicide Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2016-4320
Application: Category B, subcategory 3.11
Product: Allegro 500F Agricultural Fungicide
Registration Number: 27517
Active ingredients (a.i.): Fluazinam
PMRA Document Number: 2707861

Background

Allegro 500F Agricultural Fungicide, a foliar fungicide, has been registered since October 2003 to control certain diseases in potatoes, edible-podded legumes, soybeans, ginseng, dry bulb onions, carrots, cantaloupe, field peppers, bushberries, and apples. For specific details pertaining to use, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this application was to amend the registration of Allegro 500F to include a claim of control of white mould (*Sclerotinia sclerotiorum*) on ginseng a rate of 1.2 L/ha, with a reapplication interval of 7-14-days and a maximum of 4 applications per year.

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

A scientific rationale was submitted in support of the addition of white mould to ginseng and was deemed acceptable. Allegro 500F is registered for control of white mould on potatoes, soybeans, edible and dried podded legumes, and carrots. The proposed use pattern on ginseng is comparable to the one on carrots. Ginseng and carrots are root crops and the white mould infection pattern is similar. Therefore, with good coverage of the plant parts, Allegro 500F should provide a similar level of control of white mould on ginseng as on carrots. The proposed use pattern for control of white mould falls within the registered use pattern for ginseng for control of *Alternaria* and *Botrytis*, which can co-occur with white mould on ginseng.

Based on the scientific rationale, the addition of a claim of control of white mould on ginseng to the Allegro 500F Agricultural Fungicide label is supported. Currently, there are only a few products registered for control of white mould on ginseng. The addition of fluazinam will provide a new mode of action to use in spray program and help delay fungicide resistance.

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 include the claim of control of white mould on ginseng to the product label.

References

2644910 2016, Value Summary for Tourney Fungicide, Addition of Fairy Ring, DACO: 10.1,10.2.1,10.2.2,10.2.3.1,10.2.3.3,10.3.1,10.4,10.5.1,10.5.2,10.5.3

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