

Evaluation Report for Category B, Subcategory 3.4 Application

Application Number: 2016-1967
Application: B.3.4 - Change Application Methods
Product: Allegro 500F Agricultural Fungicide
Registration Number: 27517
Active ingredients (a.i.): Fluazinam
PMRA Document Number: 2678445

Purpose of Application

The purpose of this application was to add aerial applications and reduce the minimum spray volume of ground applications for the control and suppression of white mold (*Sclerotinia sclerotiorum*) on soybeans to the Allegro 500F Agricultural Fungicide label.

Chemistry Assessment

Chemistry assessment was not required for this application.

Health Assessments

Previously reviewed residue data from field and processing trials conducted in/on soybeans were reassessed in the framework of this application. Residues of fluazinam in/on soybeans are not expected to exceed the currently established MRL of 0.01 ppm following aerial application of Allegro 500F Agricultural Fungicide. Therefore, the dietary exposure as a result of this action will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Allegro 500F Agricultural Fungicide for aerial application on soybeans to control white mould does not fit within the registered use pattern for fluazinam. The potential exposure for mixers, loaders, applicators was assessed and no health risks of concern were identified. Exposure to postapplication re-entry workers is not expected to exceed the current exposure to registered products. No health risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

Environmental Assessment

Allegro 500F Agricultural Fungicide is currently registered for use on a variety of field crops including potato, soybeans, vegetable crops, berries, beans, carrots, ginseng, cantaloupe, field peppers, onion, apples, etc. with ground and aerial applications. The label expansion to include aerial application on soybeans with lower application rates and same use pattern is, therefore, not expected to pose additional environmental concerns.

Value Assessment

The applicant provided a rationale to support the new claims, referencing current registered uses on a similar crop and a previous application where the efficacy of ground and aerial applications were compared for the control and suppression of white mold on potatoes, edible-podded legume vegetables (except peas) and dry shelled beans.

Based on the value information provided, the claims of a reduced minimum water volume when performing ground applications, as well as the use of aerial applications, for the control and suppression of white mold (*Sclerotinia sclerotiorum*) on soybeans are acceptable.

Conclusion

PMRA has reviewed the information provided in support of addition of aerial applications and reduce the minimum spray volume of ground applications on soybeans to the Allegro 500F Agricultural Fungicide label. Based on the results of this review, the addition of aerial applications and reduce the minimum spray volume of ground applications on soybeans to the Allegro 500F Agricultural Fungicide label is acceptable for full registration.

References

- 2630855 2016, Efficacy Summary - Allegro aerial application, DACO: 10.1
2449267 DACO: 10.1 Value Summary

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