

Evaluation Report for Category B, Subcategory 3.1, 3.11, 3.9 Application

Application Number: 2022-6059
Application: Rate change, new pest and change of control level
Product: Allegro 500F Agricultural Fungicide
Registration Number: 27517
Active ingredients (a.i.): Fluazinam
PMRA Document Number: 3449676

Background

Allegro 500F Agricultural Fungicide, containing fluazinam, is a broad-spectrum, rain-fast, protectant fungicide with contact activity. Allegro 500F Agricultural Fungicide is registered for use on crops in the field, including grape, blueberries (highbush and lowbush), potato, bulb onion, to control or suppress certain fungal diseases when applied at an application rate range of 200-1120 g ai/ha. Depending on the use, it can be applied by ground or aerial equipment. For specific details of uses, application rates, methods, precautions, and restrictions requirements, refer to the product label.

Purpose of Application

The purpose of this application is to add claims on the Allegro 500F Agricultural Fungicide label to control botrytis on grapes at a rate of 1 L/ha, on blueberries (highbush and lowbush) at a rate range of 1.46-2.24 L/ha. The applicant also proposes the addition of claims to suppress botrytis, (0.4-0.6 L/ha) on potato, and stemphylium leaf blight (1.16 L/ha) on bulb onion (Crop subgroup 3-07A). Rate amendments are also proposed (from 2.24 L/ha to 1.46-2.24 L/ha) to suppress anthracnose and mummyberry on blueberry (highbush and lowbush).

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

The results of seven field trials conducted globally (Australia, Europe, and USA) on grape and a scientific rationale demonstrated that application of Allegro 500F Agricultural Fungicide at the proposed rates significantly reduced botrytis disease severity on grapes, and blueberries (highbush and lowbush). The results from three additional field trials conducted in different states in the US demonstrated significant disease reductions of stemphylium leaf blight on bulb onion. Five field trials targeting anthracnose and mummyberry on blueberries demonstrated efficacy of the product at lower application rates by significantly reducing disease severity, which supported the rate range option for blueberry growers to manage these diseases. The available information was insufficient to support the value of the claim to suppress botrytis grey mould on potato.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the subject application and determined that the submitted information adequately supports the value of claims to control botrytis on grapes and blueberries (highbush and lowbush) and to suppress stemphylium leaf blight on bulb onion (Crop subgroup 3-07A) using Allegro 500F Agricultural Fungicide. The value of rate amendments against anthracnose and mummyberry is also supported based on the information submitted.

References

PMRA #	Reference
3407743	2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (<i>Botrytis cinerea</i>) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (<i>Colletotrichum gloeosporioides</i> and <i>C. acutatum</i>) and Mummyberry (<i>Monilinia vaccinii-corymbosi</i>) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (<i>Stemphylium vesicarium</i>) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3.1, 10.3.1, 10.3.2, 10.4, 10.5, 10.5.1, 10.5.2, 10.5.3
3407744	2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (<i>Botrytis cinerea</i>) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (<i>Colletotrichum gloeosporioides</i> and <i>C. acutatum</i>) and Mummyberry (<i>Monilinia vaccinii-corymbosi</i>) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (<i>Stemphylium vesicarium</i>) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3.1, 10.3.1, 10.3.2, 10.4, 10.5, 10.5.1, 10.5.2, 10.5.3
3407746	2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (<i>Botrytis cinerea</i>) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (<i>Colletotrichum gloeosporioides</i> and <i>C. acutatum</i>) and Mummyberry (<i>Monilinia vaccinii-corymbosi</i>) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (<i>Stemphylium vesicarium</i>) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.2.3.3
3407747	2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (<i>Botrytis cinerea</i>) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (<i>Colletotrichum gloeosporioides</i> and <i>C. acutatum</i>) and Mummyberry (<i>Monilinia vaccinii-corymbosi</i>) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (<i>Stemphylium vesicarium</i>) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.2.3.3
3407748	2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (<i>Botrytis cinerea</i>) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (<i>Colletotrichum gloeosporioides</i> and <i>C. acutatum</i>) and Mummyberry (<i>Monilinia vaccinii-corymbosi</i>) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (<i>Stemphylium vesicarium</i>) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.2.3.3
3407749	2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (<i>Botrytis cinerea</i>) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (<i>Colletotrichum gloeosporioides</i> and <i>C. acutatum</i>) and Mummyberry (<i>Monilinia vaccinii-corymbosi</i>) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (<i>Stemphylium vesicarium</i>) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.2.3.3

- 3407750 2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (*Botrytis cinerea*) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (*Colletotrichum gloeosporioides* and *C. acutatum*) and Mummyberry (*Monilinia vaccinii-corymbosi*) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (*Stemphylium vesicarium*) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.2.3.3
- 3407751 2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (*Botrytis cinerea*) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (*Colletotrichum gloeosporioides* and *C. acutatum*) and Mummyberry (*Monilinia vaccinii-corymbosi*) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (*Stemphylium vesicarium*) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.2.3.3
- 3407552 2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (*Botrytis cinerea*) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (*Colletotrichum gloeosporioides* and *C. acutatum*) and Mummyberry (*Monilinia vaccinii-corymbosi*) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (*Stemphylium vesicarium*) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.2.3.3
- 3407753 2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (*Botrytis cinerea*) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (*Colletotrichum gloeosporioides* and *C. acutatum*) and Mummyberry (*Monilinia vaccinii-corymbosi*) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (*Stemphylium vesicarium*) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.2.3.3
- 3407754 2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (*Botrytis cinerea*) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (*Colletotrichum gloeosporioides* and *C. acutatum*) and Mummyberry (*Monilinia vaccinii-corymbosi*) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (*Stemphylium vesicarium*) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.2.3.3
- 3407755 2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (*Botrytis cinerea*) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (*Colletotrichum gloeosporioides* and *C. acutatum*) and Mummyberry (*Monilinia vaccinii-corymbosi*) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (*Stemphylium vesicarium*) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.2.3.3
- 3407756 2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (*Botrytis cinerea*) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (*Colletotrichum gloeosporioides* and *C. acutatum*) and Mummyberry (*Monilinia vaccinii-corymbosi*) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (*Stemphylium vesicarium*) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.2.3.3

- 3407757 2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (*Botrytis cinerea*) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (*Colletotrichum gloeosporioides* and *C. acutatum*) and Mummyberry (*Monilinia vaccinii-corymbosi*) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (*Stemphylium vesicarium*) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.2.3.3
- 3407760 2022, Daco 10 Value Summary: Efficacy and crop response for Control of Botrytis (*Botrytis cinerea*) in Grapes and Lowbush and Highbush Blueberries and Suppression in Potatoes, Suppression of Anthracnose (*Colletotrichum gloeosporioides* and *C. acutatum*) and Mummyberry (*Monilinia vaccinii-corymbosi*) in Lowbush and Highush Blueberries, and Suppression of Stemphylium Leaf Blight (*Stemphylium vesicarium*) in Crop Subgrou 3-07A with Allegro 500F Agricultura Fungicide, DACO: 10.2.3.3

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