

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2016-2552
Application: Changes to Product Label – New pests
Product: Fontelis Fungicide
Registration Number: 30331
Active ingredients (a.i.): penthiopyrad [PNT]
PMRA Document Number: 2688344

Background

Fontelis Fungicide (Reg. No. 30331) is a suspension concentrate containing 200 g/L penthiopyrad. It was first registered in 2012 and is registered to control or suppress a variety of foliar blights, stem rots, rust, powdery mildew, and scab diseases on a wide range of crops and crop groups. Registered rates range between 1.0 and 2.25 ml/ha applied on a seven to 10 or 14-day interval.

Purpose of Application

The purpose of this application is to add the claims of control of powdery mildew (*Podosphaera aphanis* syn. *Sphaerotheca macularis*) on the Low Growing Berries Subgroup, control of powdery mildew (*Erysiphe cruciferarum*) and alternaria leaf spot (*Alternaria* spp.) on the Brassica Vegetables Crop Group, and control of botrytis leaf blight (*Botrytis squamosa*) on the Bulb Vegetables Crop Group. The applicant also wishes to change the level of control of botrytis fleck (*Botrytis cinerea*) on the Bulb Vegetables Crop Group from suppression to control.

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 total of 20 efficacy trials were submitted to support the claims. Assessments from three trials on botrytis fleck of scallion showed significant reductions in disease incidence. Since certain bulb crops are marketed with leaves attached, the reduction of disease incidence has value. The amendment of the claim from suppression to control of botrytis fleck (*Botrytis cinerea*) on Bulb Vegetables was supported. Efficacy trials reviewed in support of other claims demonstrated control of botrytis leaf spot on bulb vegetable crops, powdery mildew on strawberry, and alternaria leaf spot and powdery mildew on brassica vegetable crops.

The registration of Fontelis Fungicide will provide growers of bulb vegetables, strawberries, and brassica vegetables with an additional option for control of the proposed diseases. Since these crops are currently registered on the Fontelis Fungicide label, other diseases will also be controlled or suppressed as a result of application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, Fontelis Fungicide, and has found the information sufficient to amend the level of control of one claim from suppression to control, as well as adding four new diseases of bulb vegetables, strawberry, and Brassica vegetables.

References

2642310 2016, DACO 10-DuPont-46813 Fontelis pest additions FINAL, DACO:
10.1,10.2,10.2.1,10.2.2,10.2.3,10.2.3.1,10.2.3.3,10.2.3.3(D),
10.2.4,10.3,10.3.2,10.3.2(A),10.3.2(B),10.3.3,10.4,10.5,10.5.1,
10.5.2,10.5.3,10.5.4,10.5.5,10.6,10.7.1,10.7.2

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