

Evaluation Report for Category B, Subcategories 3.12, 3.4 Application

Application Number: 2018-0779
Application: Changes to Product Labels- New Site or Host, New Application Methods
Product: Propulse Fungicide
Registration Number: 30511
Active ingredients (a.i.): Fluopyram, Prothioconazole
PMRA Document Number: 2899101

Purpose of Application

The purpose of the application was to expand the registration of Propulse Fungicide to include control or suppression of several fungal diseases on bushberries (crop subgroup 13-07B) and low growing berries, except strawberries (crop subgroup 13-07H).

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicology assessment was not required for this application.

The use on bushberries (crop subgroup 13-07B) and low growing berries, except strawberries (crop subgroup 13-07H) on the label of Propulse Fungicide is not expected to result in potential occupational or bystander exposure over the previously registered uses of prothioconazole, but will result in increased exposure for fluopyram. As such, the occupational exposure and risk from the addition of the use on bushberries (crop subgroup 13-07B) and low growing berries, except strawberries (crop subgroup 13-07H) to fluopyram was assessed, and no health risks of concern are expected, provided that workers follow the label directions and wear the personal protective equipment identified on the label.

No new food residue chemistry data for prothioconazole and fluopyram were submitted to support the addition of bushberries (crop subgroup 13-07B) and low growing berries, except strawberries (crop subgroup 13-07H) to the Propulse Fungicide label. Previously reviewed residue data were reassessed in the framework of this application. Based on this assessment, the dietary exposure to prothioconazole and fluopyram is not expected to increase and no health risks of concern have been identified for any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The label expansion for Propulse Fungicide is supported from an environmental perspective provided that environmental risk reduction and hazard statements included on the label are followed.

Value Assessment

Value information was provided in the form of efficacy data. Results from 16 efficacy trials demonstrated that Propulse Fungicide controlled or suppressed the target diseases on bushberries (crop subgroup 13-07B), blueberry, and low growing berries, except strawberries (crop subgroup 13-07H). The value of Propulse Fungicide on these use claims was confirmed. The registration of these new uses will offer Canadian berry growers another product to manage these important fungal diseases in listed berries.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to support the use expansions for Propulse Fungicide.

References

PMRA

Document

Number	Reference
2854571	2017, Efficacy and Crop Tolerance of Propulse Fungicide (fluopyram and prothioconazole) on Cranberries for Control of Fruit Rot Caused by Various Fungal Pathogens, DACO: 10.1, 10.2.2, 10.2.3.1, 10.2.3.3(D), 10.3, 10.3.1, 10.3.2, 10.3.2(B), 10.6
2854573	2015, Compilation of Field Trials: Efficacy and Crop Tolerance of Propulse Fungicide (fluopyram and prothioconazole) on Cranberries for Control of Fruit Rot Caused by Various Fungal Pathogens, DACO: 10.2.3.1
2854752	2018, Value Assessment of PROPULSE Fungicide on Various Diseases in CSG 13-07B Bushberries, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.3(D), 10.3, 10.3.1, 10.3.2, 10.3.2(B)
2854753	2018, Propulse Use in Wild Blueberry Production For Floral Blight and Leaf Disease Control, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3(D), 10.3, 10.3.1, 10.3.2, 10.3.2(B), 10.6

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