

Evaluation Report for Category B, Subcategory 3.12, 3.4 Application

Application Number: 2018-2936
Application: Changes to Product Labels – New Site or Host, Application Method
Product: Propulse Fungicide
Registration Number: 30511
Active ingredients (a.i.): Fluopyram and Prothioconazole
PMRA Document Number: 3018751

Purpose of Application

The purpose of this application was to amend the Propulse Fungicide product label to add canola, rapeseed, oriental mustard (*Brassica juncea*) and *Brassica carinata* by ground and aerial application.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicology assessment was not required for this application.

The use of Propulse Fungicide on canola, rapeseed, oriental mustard (*Brassica juncea*), and *Brassica carinata* does not fit within the registered use pattern of the active ingredients, fluopyram and prothioconazole. However, potential exposure for mixers, loaders, applicators and postapplication workers was assessed and no health risks of concern were identified. No health risks of concern are expected for workers and bystanders when label directions, precautions and restrictions are followed.

Residue data for fluopyram and prothioconazole were not submitted to support the addition of canola, rapeseed, oriental mustard (*Brassica juncea*) and *Brassica carinata* (i.e., four commodities of crop subgroup 20A - rapeseeds), for application by ground or aerial equipment, to the Propulse Fungicide label. As such, previously reviewed residue data for fluopyram and prothioconazole, applied separately by ground field sprayer to canola (the representative commodity of crop subgroup 20A), were re-assessed in the framework of the current application and were considered adequate to support both ground and aerial applications.

Residues of fluopyram and prothioconazole in/on the treated food commodities of canola, rapeseed and oriental mustard (*Brassica juncea*) – *Brassica carinata* is not used for human consumption – are not expected to increase and will continue to be covered under the maximum residue limits (MRLs) of 1.8 ppm for fluopyram and 0.15 ppm for prothioconazole, both previously established for commodities of crop subgroup 20A. The dietary exposure assessments on file for these two active ingredients are also adequate to cover the new uses of Propulse Fungicide. No health risks of concern are expected to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The label expansions 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

A rationale and the results of efficacy trials were used to support the claim of control of sclerotinia stem rot on canola, rapeseed, oriental mustard and *Brassica carinata* on the Propulse Fungicide label. The results of the trials demonstrated control of sclerotinia stem rot through application of Propulse Fungicide at 250 g a.i./ha. Therefore, the use of Propulse Fungicide to control sclerotinia stem rot is supported.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the available information and found it sufficient to support the amendments to the Propulse Fungicide registration.

References

PMRA Document Number	References
2900574	2018, Value assessment of Propulse Fungicide for control of Sclerotinia Stem Rot in crop subgroup 20A: Rapeseeds, DACO: 10.1,10.2.1,10.2.2,10.2.3.1,10.2.3.3, 10.2.3.3(D),10.2.4,10.3.1,10.3.2,10.3.2(B),10.4,10.5.1,10.5.2,10.5.3
2900577	2018, Compilation of Field Trial Reports: Value assessment of Propulse Fungicide for control of Sclerotinia Stem Rot in crop subgroup 20A: Rapeseeds, DACO: 10.2.3.3,10.2.3.3(D),10.3.2(B)

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