

Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2013-6855
Application: New or Changes to Product Labels-New Site or Host
Product: Palladium Fungicide
Registration Number: 30763
Active ingredients (a.i.): Cyprodinil, Fludioxonil
PMRA Document Number : 2494120

Purpose of Application

The purpose of this application was to add crop subgroup 8-09A (greenhouse uses) to the end-use product Palladium Fungicide.

Chemistry Assessment

A chemistry assessment is not required for this application.

Health Assessments

New residue data from greenhouse tomato field trials were submitted to support the use expansion of cyprodinil and fludioxonil on CSG8-09A crops. Switch 62.5 WG Fungicide (37.5% cyprodinil, 25% fludioxonil) was applied to greenhouse small sized tomato varieties at exaggerated rates for use in Canada, and harvested on the same day after the last of the 4 applications according to label directions. Maximum residues of 1.28 ppm for cyprodinil and 0.236 ppm for fludioxonil were measured. As such, the anticipated residues in small tomato varieties treated at the approved use rate would be expected to be lower. Therefore, the residues observed in the new small sized tomato greenhouse trials are considered adequately covered by the established MRL for cyprodinil at 1.5 ppm for all CG8-09 commodities, and for fludioxonil at 0.5 ppm for all CG8-09 commodities(except tomatoes) and 5 ppm for tomatoes.

The dietary exposure to residues of cyprodinil and fludioxonil in/on treated greenhouse tomatoes is not expected to increase and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The proposed use expansion for Palladium Fungicide is not expected to pose unacceptable risk to the environment when used according to the label directions. The existing label statements are adequate for risk mitigation.

Value Assessment

The addition of crop subgroup 8-09A (greenhouse uses) on the Palladium Fungicide label was supported based on a scientific rationale submitted by the applicant. The registration of crop subgroup 8-09A on the Palladium Fungicide label will provide Canadian growers with a fungicide to control grey mold (*Botrytis cinerea*) on these greenhouse crops.

Conclusion

The PMRA has completed an assessment of the information provided and is able to support the full registration of Palladium Fungicide.

References

PMRA#	Reference
2369242	2013, Note to reviewer - GH tomatoes, DACO: 10.2.3.1
2386874	2012, Cyprodinil + Fludioxinil: Magnitude of the residue on tomato in the greenhouse, DACO: 7.4.1

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