



Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2013-6845
Application: New or Changes to Product Labels-New Site or Host
Product: Cyproflu Fungicide
Registration Number: 30185
Active ingredients (a.i.): Cyprodinil and Fludioxonil
PMRA Document Number : 2494057

Purpose of Application

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

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

No new crop residue data for cyprodinil and fludioxonil in/on lentils or dry peas were submitted to support the domestic use expansion of these actives on lentils. Residue data on dry beans were previously reviewed to add dry beans on Cyproflu Fungicide label. Therefore, confirmatory residue data for lentils, or the representative commodity, dry peas, are required to support the domestic use expansion and to confirm the established MRL on imported lentils [cyprodinil (0.6 ppm) and fludioxonil (0.4 ppm)]. The dietary exposure to residues of cyprodinil and fludioxonil in/on treated lentils will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors

New residue data from greenhouse tomato field trials were submitted to support the use expansion of cyprodinil and fludioxonil on crop subgroup 8-09A (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. The 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 these active ingredients in/on commodities of CSG8-09A 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 Cyproflu 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 lentils and greenhouse uses from crop subgroup 8-09A on the Cyproflu Fungicide label was supported based on scientific rationales submitted by the applicant. Cyproflu Fungicide represents new pesticide modes of action to control white and grey molds in lentils which can be incorporated in a resistance management strategy as a rotational product. In addition, the registration of crop subgroup 8-09A on the Cyproflu Fungicide label will provide Canadian growers with a fungicide to control grey mold on these greenhouse crops.

Conclusion

The PMRA has completed an assessment of the information provided and is able to support the full registration of crop subgroup 8-09A (greenhouse uses) and the full registration with conditions of lentils. Confirmatory residue data for lentils, or the representative commodity, dry peas, are required to support the domestic use expansion and to confirm the established MRL on imported lentils.

References

PMRA #	Reference
2369241	2013, Efficacy Rationale - Lentils, DACO: 10.2.3.1
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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