

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2014-4946
Application: Category B, Subcategory 3.11
Product: Quadris Top Fungicide
Registration Number: 30518
Active ingredients (a.i.): azoxystrobin (AZY), difenoconazole (DFZ)
PMRA Document Number : 2495334

Background

Quadris Top Fungicide has been registered since April, 2012 and is registered for control of certain diseases in potato, sugar beets, bulb vegetables, brassica (cole) vegetables, dried shell peas and beans, pea, fruiting vegetables, and cucurbit vegetables. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this application was to amend the registration of Quadris Top Fungicide to include the claim of control of white mould (*Sclerotinia sclerotiorum*) in potatoes. The product is intended for application at a rate of 1000 ml per hectare with a maximum of three applications per year at 7-10 day intervals.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environment assessments were not required since the use pattern remained unchanged.

Value Assessment

Value information was submitted in the form of efficacy trials (six) to support the proposed claim. Data demonstrated in all trials that azoxystrobin and difenoconazole applied individually (at proposed rates, 200 g azoxystrobin, 125g difenoconazole) and combined (at lower rates than proposed, 130-195 g ai/ha) provided suppression of white mould. It is expected that the premix product at the proposed rate of 325 g ai/ha (200g azoxystrobin, 125 g difenoconazole) will also provide suppression of white mould on potatoes.

The potential for resistance development to azoxystrobin and difenoconazole can be expected to be mitigated by limiting the number of application to no more than one application of Quadris Top before alternating with a different mode of action. The expansion of the registration of Quadris Top Fungicide label will provide potato growers with another fungicide with a different mode of action to manage white mould on potatoes.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Quadris Top Fungicide to include the claim of suppression of white mould caused by *Sclerotinia sclerotiorum* on potatoes to the product label.

References

PMRA#	Document
2468683	Applicants Value Dossier. DACO 10.1
2468681	Value Summary. DACO: 10.1

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