

Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2020-0892
Application: Submissions subject to Protection of Proprietary Interests in Pesticide data policy-Equivalency/Data Compensation Assessment
Product: Quali-Pro Strobe 50 WG
Registration Number: 34229
Active ingredient (a.i.): azoxystrobin
PMRA Document Number: 3233667

Purpose of Application

The purpose of this application was to register a new fungicide product, Quali-Pro Strobe 50 WG, based on registered precedents, for use on golf courses and commercial turf farms to manage listed diseases.

Chemistry Assessment

Quali-Pro Strobe 50 WG is formulated as a water dispersible granule containing azoxystrobin at a concentration of 50%. This end-use product has a density of 0.64 g/mL and pH of 8 – 10. The required chemistry data for Quali-Pro Strobe 50 WG have been provided, reviewed and found to be acceptable.

Health Assessments

Quali-Pro Strobe 50 WG is of low toxicity to rats via the oral, dermal and inhalation routes. It is mildly irritating to the eye, and is not irritating to the skin of rabbits. It is not considered to be a dermal sensitizer in guinea pigs.

The use pattern of Quali-Pro Strobe 50 WG is similar to the registered use pattern of the precedent products. Therefore, potential exposure for mixers, loaders, applicators, bystanders and postapplication workers is not expected to exceed the current exposure to the registered products of this active ingredient. No health risks of concern are expected for workers and bystanders when label directions, precautions and restrictions are followed.

No new residue data for azoxystrobin were submitted and none are required to support the registration of Quali-Pro Strobe 50 WG, given that the use pattern constitutes a non-food/feed use. Nevertheless, it was necessary to determine if new estimated environmental concentrations (EECs) for drinking water were required for azoxystrobin in order to support the current request.

A comparison of the label of Quali-Pro Strobe 50 WG and the cited registered precedent labels demonstrated that the registration of Quali-Pro Strobe 50 WG does not represent an expansion of use; nor does it include amendments to currently registered use pattern of azoxystrobin on turf - as such, no additional residue data or revised EECs are required to support the current application. Therefore, the use of EP Quali-Pro Strobe 50 WG on golf courses and commercial turf farms will not pose unacceptable health risks of concern to any segment of the population, including infants, children, adults and seniors provided that the label directions are followed.

Environmental Assessment

The use pattern for Quali-Pro Strobe 50 WG is within the registered use pattern of the precedent azoxystrobin products, and therefore, no additional risk is expected from the use of Quali-Pro Strobe 50 WG. The formulation does not contain any formulators, contaminants or impurities that require environmental risk mitigation measures or management. The label includes all the required environmental precautions and directions for use statements, which adequately mitigate risks to the environment. Risk from use of Quali-Pro Strobe 50 WG is acceptable from the environmental perspective when used according to label directions.

Value Assessment

Value information was provided in the form of efficacy data and scientific rationales. Results from 18 bridging efficacy trials demonstrated that Quali-Pro Strobe 50 WG controlled the target diseases on turf. Its performance was similar to that of the precedent product compared in the same trials. Therefore, the two products have been determined to be agronomically equivalent. All use claims registered on the precedent label are supported for extrapolation to the Quali-Pro Strobe 50 WG label.

The registration of Quali-Pro Strobe 50 WG will provide Canadian growers with a new product to manage listed diseases in turf on golf courses and commercial turf farms.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to support the registration of Quali-Pro Strobe 50 WG.

References

PMRA

Document Number

Reference

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