

Evaluation Report for Category B, Subcategory B.2.5 Application

Application Number: 2017-0724
Application: B.2.5: New End Use Product
Product: Tourney SC Fungicide
Registration Number: 33082
Active ingredients (a.i.): Metconazole
PMRA Document Number: 2869070

Purpose of Application

The purpose of this application was to register the end use product Tourney SC Fungicide which contains the active ingredient metconazole.

Chemistry Assessment

Tourney SC Fungicide is formulated as a suspension containing metconazole at a concentration of 480 g/L. This end-use product has a density of 1.13 g/cm³ and pH of 6.49. The required chemistry data for Tourney SC Fungicide have been provided, reviewed and found to be acceptable.

Health Assessments

Tourney SC Fungicide is of slight acute oral and low dermal and inhalation toxicity in rats. It is not irritating to the eye and minimally irritating to the skin of rabbits. It is not a dermal sensitizer in mice.

An updated health risk assessment was conducted for mixer/loaders and applicators of the end-use product Tourney SC Fungicide. No health risks of concern were identified for use of metconazole on golf courses and sod farms. No health risks of concern are expected for workers, golfers and bystanders when workers follow the label directions and wear the personal protective equipment identified on the label.

Environmental Assessment

No additional risk to the environment is expected from the registration of the end-use product Tourney SC Fungicide. The use pattern for Tourney SC Fungicide is within the registered use pattern for metconazole.

Value Assessment

Value information was provided in the form of bridging trials in which Tourney SC Fungicide was compared to a comparable end use product formulated as water dispersible granules (WDG). Efficacy data from three bridging trials conducted on turfgrass demonstrated that the efficacy of metconazole in Tourney SC was comparable to the currently registered, comparable end use product.

Based on the weight of evidence, the performance of Tourney SC Fungicide is expected to be similar to currently registered end use products containing metconazole. The registration of Tourney SC Fungicide provides Canadian growers with a formulation of metconazole to manage listed diseases on turfgrass.

Conclusion

The PMRA has reviewed the information provided in support of the end use product Tourney SC Fungicide. Based on the results of this review, Tourney SC Fungicide is acceptable for registration.

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