

## Evaluation Report for Category B, Subcategory 2.5 Application

**Application Number:** 2017-0638  
**Application:** B.2.5: New Formulation Type  
**Product:** Quash SC Fungicide  
**Registration Number:** 33081  
**Active ingredients (a.i.):** Metconazole  
**PMRA Document Number:** 2868686

### Purpose of Application

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

### Chemistry Assessment

Quash 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/cm<sup>3</sup> and pH of 6.49. The required chemistry data for Quash SC Fungicide have been reviewed and found to be acceptable.

### Health Assessments

Quash 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.

Previously reviewed residue data from field trials conducted in/on the crops using a comparable product containing metconazole were reassessed in the framework of this petition. In addition, processing studies in treated crop were also reassessed to determine the potential for concentration of residues of metconazole into processed commodities.

The registration of Quash SC Fungicide will not increase the dietary exposure to any segment of the population, including infants, children, adults and seniors. As such, there are no health risks of concern.

### Environmental Assessment

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

## **Value Assessment**

Value information was provided in the form of bridging trials in which Quash SC Fungicide formulated as a soluble concentrate, was compared to the currently registered comparable end use product formulated as water dispersible granules (WDG). Efficacy data from 20 bridging trials conducted on six representative crops demonstrated that the efficacy of metconazole in Quash SC is comparable to the current comparable end use product.

Based on the weight of evidence, the performance of Quash SC Fungicide is expected to be similar to that of the currently registered comparable end use products. The registration of Quash SC Fungicide provides Canadian growers with a new formulation of metconazole to manage listed diseases on these important crops.

## **Conclusion**

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

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