

Evaluation Report for Category B, Subcategory 3.11 (Streamline) Application

Application Number: 2016-1492
Application: Changed to product label – New Pest
Product: Quilt Fungicide
Registration Number: 28328
Active ingredients (a.i.): azoxystrobin, propiconazole [AZY, PON]
PMRA Document Number : 2651374

Background

Quilt Fungicide (Reg. No. 28328) is a suspension product containing 75 g/L azoxystrobin and 125 g/L propiconazole. This product is currently registered on legume vegetables, cereals, corn, mint, canola, and blueberries to control or suppress a wide range of diseases. Application rates range between 0.75 – 1.5 L/ha. The product can be applied once or twice on a 14-day interval.

Purpose of Application

The purpose of this application was to add the claim of control of anthracnose leaf blight (*Colletotrichum graminicola*) on corn.

Chemistry, Health and Environmental Assessments

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

Value Assessment

Anthracnose leaf blight occurs in Ontario and is increasing in seed and field corn. Four efficacy trials conducted in Canada (ON) and the US (IA, IL) between 2008 and 2015 were reviewed in support of the claim. The results from the submitted trials demonstrate suppression of anthracnose leaf blight on corn as a result of treatment with Quilt Fungicide at the rate of 200 g a.i./ha. Based on the submitted value information, the claim of suppression of anthracnose leaf blight (*Colletotrichum graminicola*) on corn at 1.0 L/ha (200 g a.i./ha) was supported.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, Quilt Fungicide, and has found the information sufficient to add suppression of a new disease on corn to the product label.

References

- 2618380 2016, Value summary, DACO: 10.1
- 2618386 2008, Brand Q: Evaluation of Anthracnose in Field Corn, DACO: 10.2.3.3
- 2618387 2009, Efficacy and plant performance of new premix, DACO: 10.2.3.3
- 2618388 2014, Evaluate Quilt + STL tank-mix for additional leaf disease control in corn., DACO: 10.2.3.3
- 2618389 2015, Evaluate Trivapro Co-pack and Trivapro Premix for control of Anthracnose leaf blight in corn, DACO: 10.2.3.3

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