



Evaluation Report for Category C, Subcategory 3.11 Application

Application Number: 2011-2141
Application: Category C, Subcategory C.3.11 [New or Changes to Product Labels-New Pests]
Product: Headway Fungicide
Registration Number: 29295
Active ingredients (a.i.): Azoxystrobin [AZY], Propiconazole [PON]
PMRA Document Number English PDF: 2098927

Background

Headway Fungicide was first registered in 2009. Heritage Maxx Fungicide is currently registered to control certain diseases in turf on golf courses and commercial turf farms.

Purpose of Application

The purpose of this category C submission is to add a new pest to the label of Headway Fungicide i.e. control of waitea patch caused by *Waitea circinata* var *circinata* on turfgrass.

Chemistry, Health, and Environment Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environment assessments were not required since the proposed use pattern, including host crop, application rates and timings of the component product is within the registered range.

Value Assessment

A total of two efficacy trials were submitted and considered acceptable to support the proposed use. The efficacy results demonstrated that Headway Fungicide applied at a rate of 1059 g a.i./ha, which is within the proposed rate (799-1596 g a.i./ha), controlled waitea patch at an acceptable level with an average of 95 % control after a period of 14 days on golf course greens under moderate to high disease pressure. However the level of control decreased to 0-63% after a period of 28 days after application. This could be explained by the fact that disease pressure also decreased by half at that time which makes it difficult to see significant differences among treatments under low disease pressure. The proposed Headway fungicide application interval is 14 to 28 days. To ensure an acceptable level of control under moderate to high disease pressure, it will be recommended that the higher rate and shorter application interval be used in such circumstances.

Currently there is no fungicide registered to control this disease. At the 2011 Minor Use Priority Setting Workshop, waitea patch was identified as a number one priority pest for Ontario. Therefore, the registration of Headway for control of waitea patch will provide a much needed management option for Canadian golf green superintendents. Additional general label amendments were made.

Based on the efficacy data reviewed, the use of Headway Fungicide with the proposed use pattern to control waitea patch caused by *Waitea circinata* var. *circinata* on turfgrass is supported.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Headway Fungicide to add a new disease of turfgrass, waitea patch caused by *Waitea circinata* var. *circinata*.

References

2055100 2011, 10.2.3.1-1 - Efficacy Summary - Waitea Patch, DACO: 10.2.3.1

ISSN: 1911-8082

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