

Evaluation Report for Category C, Subcategory 3.11 Application

Application Number: 2009-1160
Application: Category C, Subcategory 3.11 (New or Changes to Product Labels – New Pest)
Product: Insignia EG Fungicide
Registration Number: 28859
Active ingredients (a.i.): pyraclostrobin [PYA]
PMRA Document Number: 1768802

Background

Insignia EG Fungicide was first registered on April 22, 2008 and contains 20% pyraclostrobin, a group 11 fungicide. Insignia EG is currently registered to control brown patch, grey leaf spot, grey snow mould, typhula blight, leaf spot, pink snow mould, pythium blight and rust on turf. Registered rates range from 85 – 280 g/1000 m². This product has both preventative and curative activity. Insignia EG is also currently registered in the US for the same uses.

Purpose of Application

This is a Category C.3.11 submission to add two disease claims for turf, control of anthracnose and summer patch, to the Insignia EG Fungicide label. The proposed use pattern is as follows: for control of anthracnose and summer patch on turf, apply Insignia EG Fungicide at a rate of 154 - 280 g/1000 m² when conditions are favourable for disease development. Make up to six applications at 14 to 28 day intervals.

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, including host crop, application rates and timings, of the component product remained unchanged.

Value Assessment

Five trials were reviewed for anthracnose. One trial was not reviewed because too many applications were made before disease assessments commenced. Treatment with Insignia EG resulted in suppression to control of anthracnose (65 – 97% control) when applied at 305 g a.i./ha (30.5 g a.i./1000 m²) on a 14 day schedule (three to six applications) compared to the check treatment under moderate to high disease pressure. The weight of evidence supports the claim of control of anthracnose. The higher rate is appropriate for conditions of high disease pressure. Two trials submitted for summer patch were not reviewed because too many applications were made before disease assessments commenced. A request was made to the applicant for additional data that tested the proposed use pattern; however, no further data was available. The claim for control of summer patch on turf is not supported at this time. Additional data is required to support this claim.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Insignia EG Fungicide to include control of anthracnose on turf.

References

1738998 2009, Petition for the addition of Anthracnose(*Colletotrichum graminicola*), Take all-patch (*Gaeumannomyces graminis* var. *avenae*), Summer patch (*Magnaporthe poae*) Bentgrass dead spot (*Ophiosphaerella agrostis*), Red thread (*Laetisaria fuciformis*), Rapid blight (*Labyrinthula terrestris*) and Dollar spot suppression (*Sclerotinia homeocarpa*) on established golf course turf.

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