



Evaluation Report for Category C, Subcategory .3.10, .3.11 Application

Application Number: 2008-0259
Application: Category C, Subcategory 3.10, 3.11 (New or Changes to Product Labels - New Tank-Mix, New Pest)
Product: Premis 200 F Fungicide
Registration Number: 28387
Active ingredients (a.i.): triticonazole [TRT]
PMRA Document Number: 1600599

Background

Premis 200 F Fungicide (28387) was first registered on July 15, 2006. This is a group 3 fungicide containing 200 g/L triticonazole. Premis 200 F is currently registered for use on golf course turf to control anthracnose, brown patch, and dollar spot.

Rovral Green GT Flowable Fungicide (24379) was first registered on March 27, 1996. This is a group 2 fungicide containing 240 g/L iprodione. Rovral Green is registered for use on turf to control brown patch, Fusarium patch, dollar spot, leaf spot, pink and grey snow moulds and melting out.

Purpose of Application

The applicant has proposed a claim of suppression of *Fusarium* patch (*Microdochium nivale*) on golf course turf when Premis 200 F Fungicide is applied one or two times at a rate of 32 mL/100 m² (6.4 g triticonazole/100 m²) with an application interval of 21 days. The applicant also proposes a claim of control of the same disease with one or two applications of a tank-mix of Premis 200 F Fungicide with Rovral Green GT Flowable Fungicide with an application interval of 21 days .

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 products remained unchanged.

Value Assessment

The applicant submitted two studies on *Fusarium* patch (*Microdochium nivale*) in support of this application. Results indicate suppression of *Fusarium* patch when turf is treated with Premis 200 F applied alone, as proposed in the use claim. The tank-mix with Rovral Green provided a higher level of disease control than Premis 200 F applied alone. At the request of the applicant, the rate of Rovral Green recommended in the tank-mix was adjusted to a lower rate to coincide with the rate registered for *Fusarium* patch control on the Rovral Green label. Although the trial was conducted at a higher rate, adequate control is expected at the registered rate. The use claims were supported as proposed.

Conclusion

Based on the results of the efficacy trials reviewed, PMRA supports the claim of suppression of *Fusarium* patch (*Microdochium nivale*) with one or two applications of Premis 200 F Fungicide applied at a 21 day interval. PMRA also supports a tank-mix of Premis 200 F Fungicide with Rovral Green GT Flowable Fungicide applied one to two times at a 21 day interval to provide control of the same disease.

References

- PMRA#1539811 2008, Petition for the addition of *Fusarium* patch, Pink (*Microdochium nivale*) and Gray Snow Mold (*Typhula incarnata*, *T. ishikariensis*) on established golf course turf, N.A, MRID: N.A, DACO: 10.1,10.2,10.2.1,10.2.2,10.2.3,10.2.3.1,10.2.3.3(D),10.3,10.3.1,1

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