

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

**Application Number:** 2007-3632  
**Application:** Category C, subcategory 3.10, 3.11 (New or Changes to Product Labels - Tank-Mixes, New Pests)  
**Product:** Compass 50WG Fungicide  
**Registration Number:** 27527  
**Active ingredients (a.i.):** trifloxystrobin  
**PMRA Document Number :** 1464088

### Background

Compass 50WG Fungicide was first registered on January 29, 2004 and is currently registered for several turf diseases (Fusarium patch, brown patch, leaf spot, gray leaf spot). It is also registered on woody ornamentals for the control of powdery mildew, scab and on herbaceous ornamentals for the control of Rhizoctonia root rot. Compass 50WG Fungicide is a group 11 fungicide containing 50% trifloxystrobin.

The proposed tank-mix partner, Rovral Green GT Fungicide, contains 240 g/L iprodione and is currently registered for the control of dollar spot, Fusarium patch, brown patch, leaf spot, melting out and pink and grey snow moulds on turf. The current registered rate for the control of pink snow mould is 85 - 90 g a.i./100 m<sup>2</sup> and for grey snow mould is 90 g a.i./100 m<sup>2</sup>.

### Purpose of Application

The purpose of this application is to add a tank-mix of Rovral Green GT Fungicide at a rate of 271 - 375 mL/100m<sup>2</sup> (65 - 90 g a.i. / 100 m<sup>2</sup>) to the Compass 50WG Fungicide label for the control of pink and grey snow moulds (*Microdochium nivale*, *Typhula incarnata*, *T. ishikariensis*) on turf.

### 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

Efficacy data clearly indicates that the tank-mix of Rovral Green GT Fungicide with Compass 50WG Fungicide has activity on the targeted pests when applied at 7.1 g product/100m<sup>2</sup> of Compass under high disease pressure which is slightly higher than the proposed rate (6.1 g product/100m<sup>2</sup>). Levels of control when turf was treated with the tank-mix was generally higher than either fungicide applied separately, which indicates no loss of efficacy and no incompatibility between the two active ingredients. Since the tank-mix provided good results at 7.6 g product/100m<sup>2</sup> of Compass 50WG Fungicide, it is believed that it should also be efficacious at the proposed rate (6.1 g product/100m<sup>2</sup>). A tank-mix of both fungicides applied at rates lower than those requested (6.1 g Compass/100m<sup>2</sup>, 271 ml - 354 ml Rovral/100m<sup>2</sup>) exhibited good control of *Typhula ishikariensis*.

## Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Compass 50WG Fungicide to include the proposed tank-mixture of Compass 50WG Fungicide and Rovral Green GT Fungicide for control of pink snow mould (*Microdochium nivale*) and grey snow mould (*Typhula incarnata*, *T. ishikariensis*) on turf.

## References

PMRA No. 1415601. Nov. 3, 2006. Compass 50 WG Fungicide (500 g a.i./kg trifloxystrobin) for Control of Pink Snow Mould (*Microdochium nivale*) and Suppression of Grey Snow Moulds (*Typhula ishikariensis* and *Typhula incarnata*) and for Control of Pink Snow Mould (*Microdochium nivale*) and Grey Snow Moulds (*Typhula ishikariensis* and *Typhula incarnata*) when Tank-Mixed with Rovral Green GT (240 g a.i./Litre iprodione) Fungicide in Turfgrass.

PMRA No. 1431361. 2006. Addendum to Part 10 - Compass 50 WG Fungicide (500 g a.i./kg trifloxystrobin) for Control of Pink Snow Mould (*Microdochium nivale*) and Suppression of Grey Snow Moulds (*Typhula ishikariensis* and *Typhula incarnata*) and for Control of Pink Snow Mould (*Microdochium nivale*) and Grey Snow Moulds (*Typhula ishikariensis* and *Typhula incarnata*) when Tank-Mixed with Rovral Green GT (240 g a.i./Litre iprodione) Fungicide in Turfgrass.

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