



## Evaluation Report for Category B, Subcategory 3.11 Application

**Application Number:** 2021-6658  
**Application:** B3.11 New Pest  
**Product:** Xzemplar  
**Registration Number:** 33778  
**Active ingredients (a.i.):** Fluxapyroxad  
**PMRA Document Number :** 3348620

### Background

Xzemplar, containing fluxapyroxad at 300 g/L, is a suspension fungicide product registered to control dollar spot on golf course turf. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

### Purpose of Application

The purpose of this application is to add a claim of suppression of pink snow mould and claims of control of brown patch, brown ring patch, fairy ring, leaf spot and summer patch on golf course turf to the label of Xzemplar.

### Chemistry, Health and Environmental Assessment

A chemistry assessment was not required because there was no change to product chemistry. Health and environmental assessments were not required because the rates for control or suppression of the listed diseases is within the registered rate range and re-application intervals for management of dollar spot on golf course turf.

### Value Assessment

Data from 13 efficacy studies, as well as use history information from the United States provided evidence that Xzemplar will control or suppress pink snow mould, brown patch, brown ring patch, fairy ring, leaf spot and summer patch on golf course turf when applied according to the label. The addition of these claims to the label of Xzemplar will provide golf course turf managers with an additional product for broad-spectrum management of certain diseases on turf.

### Conclusion

The PMRA has completed an assessment of the subject application and has concluded that the submitted information is adequate to support the following claims on the label of Xzemplar Fungicide:

- Control of brown patch (*R. solani*) on golf course turf at 6.7 mL product per 100 m<sup>2</sup> (201 g a.i./ha) following 14-21 day intervals;
- Control of summer patch (*Magnaporthe poae*) on golf course turfgrass at 8.3 mL product per 100 m<sup>2</sup> (249 g a.i./ha) following 21-28 day intervals;
- Suppression of pink snow mould (*Microdochium nivale*) on golf course turf at 8.3 mL product per 100 m<sup>2</sup> (249 g a.i./ha);
- Control of fairy ring (*Basidiomycete* fungi) on golf course turf at 8.3 mL product per 100 m<sup>2</sup> (249 g a.i./ha) following 21-28 day intervals;
- Control of brown ring patch (*Rhizoctonia circinata* var. *cir-cinata*) on golf course turf when applied at 8.3 mL product per 100 m<sup>2</sup> following 21-28 day intervals; and
- Control of leaf spot (*Bipolaris* spp.) on golf course turf at 8.3 mL product per 100 m<sup>2</sup> (249 g a.i./ha) following 21-28 day intervals.

## References

- 3304014 2021, DACO 10 - Value Assessment - Xzemplar, DACO: 10.1  
 3304016 2021, DACO 10 - Trial Reports\_Xzemplar, DACO: 10.2.3.3(D),10.3.2(B)  
 3304017 2021, DACO 10 2 4 Use History\_Xzemplar, DACO: 10.2.4

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