

## Evaluation Report for Category B, Subcategory 3.11 Application

**Application Number:** 2011-4665  
**Application:** New of Changes to Product Labels-New Pests  
**Product:** The Andersons 0.72% Prophecy on DGPRO Fungicide  
**Registration Number:** 29951  
**Active ingredients (a.i.):** Propiconazole (PON)  
**PMRA Document Number:** 2135727

### Purpose of Application

The purpose of this submission was to register the following use claims on turf on the label of The Andersons 0.72% Prophecy on DGPro Fungicide: control of anthracnose (*Colletotrichum graminicola*), red thread (*Laetisaria fuciformis*), leafspot/melting out (*Bipolaris spp.*, *Drechslera spp.*), summer patch (*Magnaporthe poae*), pink snow mould (*Microdochium nivale*), fusarium patch (*Microdochium nivale*), and yellow patch (*Rhizoctonia cerealis*).

### Chemistry, Health and Environmental Assessments

Chemistry, health and environmental assessments were not required for this application.

### Value Assessment

Use history information was submitted to support the addition of claims of control of anthracnose, red thread, leafspot and melting out, summer patch, pink snow mould, fusarium patch and yellow patch on turf to the label of The Andersons 0.72% Prophecy on DGPro Fungicide. Three turf professionals provided use history information on the efficacy of the US product, Prophecy 0.72G, against brown patch and pink and grey snow moulds. The turf extension experts indicated good control of brown patch when Prophecy 0.72G was applied as proposed with efficacy comparable to the industry standards. Good control of snow moulds was also claimed; however, rates applied for these winter diseases were much lower than proposed for The Andersons 0.72% Prophecy on DGPro Fungicide. Differences in Canadian winter conditions compared to the US explain the need for a higher rate for control of snow moulds. In addition, an independent assessment of turf fungicides by the University of Kentucky also rated propiconazole efficacy as consistently good to excellent control or fair to good control in most experiments reviewed for the majority of the proposed uses. There is no history of phytotoxicity on turf in Canada or the US as a result of using products containing propiconazole, including Prophecy 0.72G. The dispersing granule technology has benefits to turf managers, including ease of use, avoiding spray drift and application to areas not accessible by ground sprayers, and should provide equivalent efficacy compared to the liquid formulations if applied properly.

Based on the history of use of propiconazole products in Canada and the US, including Prophesy and Banner products, The Andersons 0.72% Prophesy on DGPro Fungicide is deemed biologically equivalent to a precedent product. The proposed claims can be extrapolated from the precedent to The Andersons 0.72% Prophesy on DGPro Fungicide at the proposed rates and timings. The value information submitted by the applicant also fulfills data requirements associated with the conditions of registration of Andersons 0.72% Prophesy on DGPro Fungicide.

## Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, The Andersons 0.72% Prophesy on DGPro Fungicide, and has found the information sufficient to add the additional use claims for turf to the product label. The conditions associated with the full registration of this product are now fulfilled.

## References

PMRA #	Reference Title
2109970	2011, Description of Pest Problem, DACO: 10.2.2
2109975	2011, Efficacy Summary, DACO: 10.2.3.1
2109979	2011, Non-safety adverse effects, DACO: 10.3.2
2109988	2011, Summary - adverse effects, DACO: 10.3.1
2109991	2011, Value Summary, DACO: 10.1
2194634	2012, Agricultural Use History - Snowmold, DACO: 10.6
2194635	2012, Agricultural Use History - Snowmold, DACO: 10.6
2194636	2012, Agricultural Use History - Snowmold, DACO: 10.6
2194638	2012, Agricultural Use History - Brown Patch, DACO: 10.6
2194639	2012, Agricultural Use History - Brown Patch, DACO: 10.6
2194640	2012, Agricultural Use History - Brown Patch, DACO: 10.6
2194641	2012, Agricultural Use History - Comparison of the proposed and foreign registered use pattern, DACO: 10.6
2194643	2012, Efficacy Rationale, DACO: 10.1

ISSN: 1911-8082

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