

Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4, 2.6, 3.1, 3.11, 3.12 Application

Application Number: 2020-1231
Application: New End-use Product (Product Chemistry) – Guarantee, Identity of Formulants, Proportion of Formulants, New Combination of Technical Grade Active Ingredients;
New Product Labels - Application Rate Increase or Decrease, New Pests, New Site or Host
Product: Pendant Pro
Registration Number: 34210
Active ingredients (a.i.): Fludioxonil, Propiconazole
PMRA Document Number: 3194782

Purpose of Application

The purpose of this application was to register a new end-use product, Pendant Pro, for use on turfgrass.

Chemistry Assessment

Pendant Pro is formulated as a suspension containing fludioxonil and propiconazole at respective concentrations of 38 g/L and 159 g/L. This end-use product has a density of 1.03-1.05 g/cm³ and pH of 6-8. The required chemistry data for Pendant Pro have been provided, reviewed and found to be acceptable.

Health Assessments

Pendant Pro is of low acute oral, dermal and inhalation toxicity. It is mildly irritating to the eyes and not irritating to the skin. It is not a dermal sensitizer in guinea pigs.

The occupational exposure and risk from use of Pendant Pro on sod farms and golf courses was assessed. No risks of concern to mixers/loaders, applicators, postapplication workers, golfers and bystanders are expected from use of the new product, provided that workers follow the label directions and wear the personal protective equipment identified on the label.

A dietary exposure assessment was not required for this application.

Environmental Assessment

The environmental risk from the registration of Pendant Pro for control of fungal diseases on turf is acceptable when the product is used according to label directions.

Value Assessment

A review of nine bridging trials, scientific rationales and use history information provided evidence to support the efficacy of Pendant Pro at managing the labelled turfgrass diseases. The registration of this product will provide users with a single, co-formulated product that will provide two modes of action to control various turfgrass diseases which may reduce the risk of resistance development.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the registration of Pendant Pro.

References

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3108078	2020, ADAMA Proflux 200 SE-Acute Oral Toxicity Study (UDP) in Rats, DACO: 4.6.1
3108079	2020, ADAMA Proflux 200 SE-Acute Dermal Toxicity in Rats, DACO: 4.6.2
3108080	2020, ADAMA Proflux 200 SE-Acute Inhalation Toxicity in Rats, DACO: 4.6.3
3108081	2019, ADAMA Proflux 200 SE-Acute Eye Irritation in Rabbits, DACO: 4.6.4
3108082	2019, ADAMA Proflux 200 SE-Acute Dermal Irritation in Rabbits, DACO: 4.6.5
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3108085	2020, Value Summary for ProFlux 200 SE, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.4, 10.3.1, 10.3.3, 10.5.1, 10.5.2
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3108088	2020, SM2-Snow Mold Control, DACO: 10.2.3.3(D)
3108089	2020, SM3-Snow Mold Control, DACO: 10.2.3.3(D)
3108090	2019, SM4-Efficacy and crop tolerance of various fungicide mixtures for control of pink snow mold (<i>Microdochium</i> patch) of golf green turf in British Columbia, Canada., DACO: 10.2.3.3(D)
3108092	2019, SM6-Control of Snow Mold (<i>Microdochium</i> Patch) disease in cool season turfgrasses in Western Canada., DACO: 10.2.3.3(D)
3108093	2018, SM8-2018-2019 Snow mold control trial in turf, DACO: 10.2.3.3(D)
3108095	2019, SM11-2018-2019 Snow Mold Control Evaluation: Marquette Golf Club Marquette, MI, DACO: 10.2.3.3(D)
3149076	S. McDonald <i>et al</i> , 2009, Chemical control of brown ring patch, <i>Golf Course Management</i> 77(8):82-88, DACO: 10.2.3.3(D)

PMRA Document Number	Reference
3149077	Bruce B. Clarke <i>et al</i> , 2019, Chemical Control of Turfgrass Diseases 2020, PPA-1: University of Kentucky Cooperative Extension Service in cooperation with Rutgers NJAES and the University of Wisconsin-Madison, DACO: 10.2.3.3(D)

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