

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2019-5865
Application: B.3.11: New or Changes to Product Labels-New Pests
Product: Phostrol Pro
Registration Number: 33899
Active ingredients (a.i.): Mono- and dibasic sodium, potassium, and ammonium phosphites
PMRA Document Number : 3153300

Purpose of Application

The purpose of this application was to register the end use product, Phostrol Pro.

Chemistry, Health and Environmental Assessment

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

Value Assessment

Two field efficacy trials conducted on putting greens in Oregon and a scientific rationale were submitted to support claims to suppress pythium blight, anthracnose and microdochium patch on golf courses, sod farms and municipal, industrial and residential turf on the label of the new non-conventional product Phostrol Pro. The scientific rationale supported extrapolation of the suppression claims against pythium blight and anthracnose on turf from a similar registered product. The two efficacy trials supported suppression of microdochium patch on turf.

Pythium blight, anthracnose and microdochium patch are diseases which reduce the functional, aesthetic and market value of turf. Registration of Phostrol Pro will provide turf grass managers with another non-conventional product products for suppressing these diseases. In addition, the active ingredient is a new mode of action for microdochium patch in turf, which will help with managing fungicide resistance.

Conclusion

The PMRA has reviewed the information provided in support of Phostrol Pro. Based on the results of this review Phostrol Pro is acceptable for registration.

References

- 3042996 2019, Phostrol Efficacy Table - microdochium patch, DACO: 10.2.3.1,10.3.1
3043002 2019, Value Summary for Phostrol Fungicide Label Expansion for Control of Microdochium patch (Microdochium nivale), DACO: 10.1,10.2,10.2.1,10.2.2,10.2.3,10.2.3.2(D),10.2.3.3(D),10.2.3.4(C),10.3,10.3.1,10.3.3,10.

4,10.5,10.5.1,10.5.2,10.5.3,10.5.4

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