



## Evaluation Report for Category B, Subcategory B.3.11 Application

**Application Number:** 2014-5998  
**Application:** B.3.11  
**Product:** Phostrol Fungicide  
**Registration Number:** 30449  
**Active ingredients (a.i.):** Mono- and dibasic sodium, potassium, and ammonium phosphites  
**PMRA Document Number :** 2513499

### Background

Phostrol Fungicide has been registered in Canada since June 2012. It is currently registered for the control or suppression of diseases in a broad range of crops including brassica leafy vegetables, raspberries, pome fruit, cucurbits, grapes, leafy greens, potatoes, strawberries, tomato crops, ginseng, indoor and outdoor ornamentals, and turf. For complete details of uses, including rates and methods of application, safety precautions and restrictions, refer to the Phostrol Fungicide label.

### Purpose of Application

The purpose of this application was to amend the registration of Phostrol Fungicide to include the claim of suppression of anthracnose on turf at a rate of 130-260 mL/100m<sup>2</sup>.

### 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 remained unchanged.

### Value Assessment

Data from two efficacy trials were provided to support the claim of suppression of anthracnose on turf. Phostrol Fungicide applied at 130 and 260 mL/100m<sup>2</sup> demonstrated an average disease control of 68%. Based on the value information submitted a claim of suppression of anthracnose on turf was supported. The addition of anthracnose to the Phostrol Fungicide label will provide a non-conventional fungicide which represents a new mode of action for use against anthracnose in the turf industry.

### Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Phostrol Fungicide to include the claim of suppression of anthracnose on turf caused by *Colletotrichum cereale*.

## References

2485316	2014, Value Summary for Phostrol Fungicide Label Expansion for Suppression of Anthracnose in Turf, DACO:10.1,10.2,10.2.1,10.2.2,10.2.3,10.2.3.1,10.2.3.2,10.2.3.2(D),10.2.3.3,10.2.3.3(D),10.2.3.4,10.2.3.4(C),10.2.4,10.3,10.3.1,10.3.3,10.4,10.5,10.5.1,10.5.2,10.5.3,10.5.4
2485317	2014, Value Summary - Excel Spreadsheet, DACO: 10.2.3.1,10.2.3.2(C),10.3.1

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2015

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.