

Evaluation Report for Category B, Subcategory 4.6 Application

Application Number: 2016-1844
Application: Submission to fulfill requirements of registration on a product with full registration
Product: Phostrol Fungicide
Registration Number: 30449
Active ingredients (a.i.): Mono- and dibasic sodium, potassium, and ammonium phosphites
PMRA Document Number : 2655124

Purpose of Application

The purpose of this application was to fulfill the outstanding value requirements for Phostrol Fungicide.

Chemistry, Health and Environmental Assessments

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

Value Assessment

The results from efficacy trials conducted on brassica and cucurbit crops demonstrated variable levels of control when phosphorous acid products were applied to reduce downy mildew. The level of control was not consistent, especially when disease pressure increased, which confirms a claim of suppression of downy mildew on both crop groups. Use history information, including Phostrol Fungicide, also confirmed the contribution of phosphorous acid products to downy mildew efficacy in these crop groups. The rationale supported extrapolation to the other crops in both crop groups.

Several mode of action fungicides are registered against downy mildew on both crop groups. Phostrol Fungicide contributes to integrated pest management and resistance management practices by offering a rotational product and tank mix partner for the management of downy mildew.

The submitted value information supports the claims of suppression of downy mildew on both the Brassica Leafy Vegetable crop group and the Cucurbit Vegetable crop group with the currently registered use patterns. The Part 10 requirements of registration have been fulfilled.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided for Phostrol Fungicide and has determined it sufficient to fulfill the outstanding value requirements.

References

PMRA Document Number	Reference
2627122	2016, Value for Phostrol Fungicide - Conditions of Registration, DACO: 10.2.3.3

ISSN: 1911-8082

8 Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2016

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.