

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2014-4767
Application: Category B, subcategory 3.11
Product: Rancona Pinnacle Fungicide
Registration Number: 30769
Active ingredients (a.i.): Ipconazole and Metalaxyl
PMRA Document Number: 2501147

Background

Rancona Pinnacle Fungicide has been registered since February 2013 as a seed treatment for the control or suppression of seed rots, pre- and post-emergence damping-off, seedling blights, smuts, bunts, leaf stripe, and root rots on cereals, including wheat, barley, oats, rye and triticale. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this application was to amend the registration of Rancona Pinnacle Fungicide to include the claim of control of seed rot, damping off and seedling blight caused by *Rhizoctonia* spp. in cereal grain crops (wheat, barley, oats, rye and triticale). The product is intended for a seed treatment application at a rate of 325 ml of product per 100 kg seed.

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, including host crop, application rates and timings, of the component product remained unchanged.

Value Assessment

Value information was submitted as data from experimental trials. A total of three field trials on winter wheat were submitted to support the claim of control of seed rot, damping off and seedling blight caused by *R. solani* on cereal grains. Ranconna Pinnacle Fungicide provided an increase of emergence of 21% compared to the inoculated check under moderate disease pressure. Based on the submitted value information, a claim of control of seed rot, damping off and seedling blight caused by *R. solani* in cereal grain crops (wheat, barley, oats, rye and triticale) was supported. Currently, there is very few seed treatment products registered for use on the crop group cereal grains for control of *R. solani*.

The addition of *R. solani* to the Rancona Pinnacle will broaden the pathogen spectrum causing seed rot, damping off and seedling blight in cereal grains and provide the growers with an alternative fungicide with a different mode of action.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Ranconna Pinnacle Fungicide to include the claim of control of seed rot, damping off and seedling blight caused by *Rhizoctonia solani* in cereal grain crops (wheat, barley, oats, rye and triticale) to the product label.

References

2465219 2014, DACO 10 VALUE: Rancona Pinnacle, Reg. No. 30769, DACO:
10.1,10.2,10.2.1,10.2.2,10.2.3,10.2.4,10.3,10.4,10.5

ISSN: 1911-8082

**8 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.