



Evaluation Report for Category B, Subcategory 3.10, 3.11 Application

Application Number: 2023-3644
Application: Tank Mixes, New Pests
Product: Belmont 2.7 FS Seed Treatment Fungicide
Registration Number: 30246
Active ingredient(s) (a.i.): Metalaxyl Fungicide
PMRA Document Number : 3517121

Background

Belmont 2.7 FS Seed Treatment Fungicide is a suspension formulation seed treatment fungicide containing 317 g/L metalaxyl. This product is currently registered to control seed rot caused by *Pythium* spp. on low tannin lentil and to control seed rot and seedling blight on pea. Rancona Trio Fungicide also contains metalaxyl in addition to carbathiin and ipconazole and is registered on lentil and dry pea for suppression of early season root rot caused by *A. euteiches*

Purpose of Application

The purpose of this application was to add a tank mix with Rancona Trio Fungicide to the Belmont 2.7 FS Seed Treatment Fungicide label for control of early season root rot (*Aphanomyces euteiches*) on pea and lentil.

Chemistry, Health and Environmental Assessment

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

Value Assessment

The results of four field efficacy trials on pea and lentil were reviewed to support the proposed tank mixes with Rancona Trio Fungicide. The trial results show a significant increase in efficacy and yield protection when Rancona Trio Fungicide and Belmont 2.7 FS are applied according to the proposed tank mix rates compared to Rancona Trio Fungicide applied alone. The results of the trials support the claim of control of aphanomyces root rot on dry pea and lentil. In addition, the weight of evidence from a previous submission for Rancona Trio Fungicide supported a claim of control of aphanomyces root rot on dry pea when tank mixed with Belmont 2.7 FS.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the proposed claims.

References

PMRA No.	Reference
3484650	2023, Summary of value for early season root rot caused by <i>Aphanomyces euteiches</i> on Lentils controlled by Belmont 2.7 FS + Rancona Trio Fungicide, DACO: 10.1,10.2.1,10.2.2,10.2.3.1,10.2.3.3(D), 10.3.1,10.3.2,10.3.3,10.4,10.5,10.5.1,10.5.2,10.5.3,10.5.4,10.5.5
3484652	2021, Efficacy of F2419aa on Pea, DACO: 10.2.3.3(D)
3484653	2021, Efficacy of F2419aa on Lentil, DACO: 10.2.3.3(D)
3484654	2022, Efficacy of F2419aa on Pea, DACO: 10.2.3.3(D)
3484655	2022, Efficacy of F2419aa on Pea, DACO: 10.2.3.3(D)

© His Majesty the King in Right of Canada, as represented by the Minister of Health Canada, 2023

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 Health Canada, Ottawa, Ontario K1A 0K9.