



Evaluation Report for Category B, Subcategory 4.6 Application

Application Number: 2014-4408
Application: Fulfill conditions of registration on a product with full registration
Product: EverGol Xtend
Registration Number: 30365
Active ingredients (a.i.): Penflufen and Trifloxystrobin
PMRA Document Number : 2518356

Background

EverGol Xtend (Registration Number 30365; guarantee 154 g/L penflufen and 154 g/L trifloxystrobin) was first granted a full registration for use in Canada in 2012. The conditions of full registration included confirmatory field trials to support certain pest/crop combinations.

Purpose of Application

The purpose of this application was to address conditions of full registration for the end-use product EverGol Xtend.

Chemistry, Health and Environmental Assessments

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

Value Assessment

A total of five efficacy trials on lentil conducted in Saskatchewan in 2012 and 2013 were submitted to address conditions of registration for the control of seed rot and post-emergence damping-off caused by *Botrytis cinerea* on beans, peas, and soybean. Under apparently low levels of disease pressure, the combination of penflufen and trifloxystrobin provided statistically significant reductions in seedling blight of up to 93%. In addition, trifloxystrobin alone showed high levels of efficacy that were comparable to the combination treatment.

One efficacy trial on alfalfa conducted in Saskatchewan in 2010 was also submitted to address the conditions of registration for the claim of control of seed rot caused by *B. cinerea* on alfalfa. Disease pressure was high. Twenty one days after first emergence, the seedling population in the combination treatment containing penflufen and trifloxystrobin was nearly three-folds higher than in the inoculated control population.

The results from efficacy trials are determined to be sufficient to fully address the conditions for registration of these two claims on the EverGol Xtend product label.

Conclusion

The PMRA has completed a review of the information provided in support of EverGol Xtend and determined that it satisfactorily addressed all conditions of full registration.

References

PMRA Document Number	Reference
2461790	2014, Penflufen Fungicide. Conditions of Registration for EverGol Xtend & EverGol Xtend C. DACO 10.2.3.1, 10.2.3.3

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.