



Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2021-0097
Application: New or Changes to Product Labels: New Pests
Product: Fortenza
Registration Number: 30899
Active ingredients (a.i.): Cyantraniliprole
PMRA Document Number : 3238850

Background

Fortenza was first registered on 7 August 2013. Fortenza is a commercial-class seed treatment product formulated with 600 g/L cyantraniliprole.

Fortenza is applied to several crops to control various insect pests. Fortenza is applied to soybean seed at rates of 41.5 to 83 mL product (25 to 50 g a.i.) per 100 kg seed for control of seed corn maggot, European chafer, June beetle, and black cutworm and at 83 mL per 100 kg seed to control wireworms and bean leaf beetle. 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 submission is to add a claim of early season reduction of soybean aphid populations in soybean to the label of Fortenza.

Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not conducted as there was no change to the product formulation and as there was no change to the use pattern, including application rates, methods and timings.

Value Assessment

Value information reviewed in support of the label amendment to add a claim for soybean aphid on soybeans consisted of three field studies and a single controlled pot study. The results of these trials demonstrated that Fortenza seed treatment provided early season reduction of soybean aphid populations in soybean when applied at an application rate of 83 mL Fortenza (50 mg cyantraniliprole) per 100 kg seed.

Conclusion

The submitted information is sufficient the addition of early season reduction

of soybean aphid populations to the Fortenza label.

References

- 3188568 2021, Efficacy Summary Table for Fortenza in Soybean for control of Soybean Aphid, DACO: 10.2.3.1
- 3188569 2020, Evaluate Fortenza for Soybean Aphids in Soybeans - Caged Field Studies (Controlled Field Environment), DACO: 10.2.3.3
- 3188570 2020, Evaluate Fortenza for Soybean Aphids in Soybeans - Caged Field Studies (Controlled Field Environment), DACO: 10.2.3.3
- 3188576 2019, Seed Treatment - Insecticide - Sales Support - 2019 US, DACO: 10.2.3.3
- 3188577 2020, Seed Treatment Insecticide - Development Support - 2020 Canada, DACO: 10.2.3.3
- 3188578 2021, Value Summary for Fortenza in Soybean for control of Soybean Aphid, DACO: 10.1

© Her Majesty the Queen in Right of Canada, as represented by the Minister of Health Canada, 2021

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.