

Evaluation Report for Category B, Subcategory B.3.11 Application

Application Number: 2018-3089
Application: Category B, Subcategory B.3.11 (new pests)
Product: Fortenza
Registration Number: 30899
Active ingredients (a.i.): cyantraniliprole
PMRA Document Number: 2930463

Background

Fortenza Insecticide (Reg No. 30899, 600g cyantraniliprole/L) has been registered since August 2013. It is registered as a commercial seed treatment to control various insects in corn, soybeans, canola, rapeseed, mustard (condiment and oilseed), and potato.

Cyantraniliprole is a ryanodine receptor modulator (IRAC mode-of-action group 28) belonging to the diamide class of chemistry. Diamides affect the action of nerves and muscles. Insects which ingest or contact cyantraniliprole become paralysed, stop feeding and die.

Purpose of Application

The purpose of this application is to add claims for reduction of damage by bean leaf beetle and protection from black cutworms on soybean to the product label.

Chemistry, Health and Environmental Assessments

Chemistry, environmental and health assessments were not required.

Value Assessment

Seven efficacy trials support the claims of reduction of feeding damage from bean leaf beetle at rates of 41.5 – 83 mL/100 kg seed (25 – 50 g a.i./100 kg seed) and protection from black cutworms at a rate of 83 mL/100 kg seed (50 g a.i./100 kg seed) on soybean.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information is sufficient to amend the registration of Fortenza to include claims that the product reduces feeding damage from bean leaf beetle and protects from black cutworms on soybean.

References

- 2903801 2018, FORTENZA DACO 10 EFFICACY DATA AND INFORMATION, DACO: 10.1
2903803 2014, 10.2.3.3-1 - Trial Abstract 1, DACO: 10.2.3.3
2903804 2015, 10.2.3.3-2 - Trial Abstract 2, DACO: 10.2.3.3
2903805 2018, 10.2.3.3-3 - Trial Abstract 3, DACO: 10.2.3.3
2903806 2017, 10.2.3.3-4 - Trial Abstract 4, DACO: 10.2.3.3
2903807 2017, 10.2.3.3-5 - Trial Abstract 5, DACO: 10.2.3.3
2903808 2017, 10.2.3.3-6 - Trial Abstract 6, DACO: 10.2.3.3
2903809 2017, 10.2.3.3-7 - Trial Abstract 7, DACO: 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 2018

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.