

Evaluation Report for Category B, Subcategory 3.1, 3.11 Application

Application Number: 2017-4206
Application: Changes to product label; rate and pests
Product: Closer Insecticide
Registration Number: 30826
Active ingredient (a.i.): Sulfoxaflor
PMRA Document Number: 2824251

Purpose of Application

The purpose of this application was to add control of tarnished plant bug on pome fruits, brassica (cole), leafy, and root and tuber vegetables to the Closer Insecticide label.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicological assessment was not required for this application.

The risks to mixers, loaders, applicators, post-application re-entry workers, bystanders, and the general public, are not of concern when following the label precautions (including personal protective equipment) and directions.

No new residue data for sulfoxaflor were submitted to support the use expansion of Closer Insecticide. Previously reviewed residue data from field trials were reassessed in the framework of this petition. The dietary exposure assessments on file are considered adequate to cover residues of sulfoxaflor expected from the use of Closer Insecticide. No health risks of concern have been identified for any segment of the population including infants, children, adults and seniors.

Environmental Assessment

The addition of the control of tarnished plant bugs on labelled crops at the rate of 72 g a.i./ha is within the current registered use pattern. As such, there is no increase in environmental risk over uses that were previously registered. The label amendment is thus acceptable from an environmental perspective.

Value Assessment

Three small scale field trial and extrapolations supported the use of Closer Insecticide to control tarnished plant bugs on pome fruits, brassica (cole), leafy, and root and tuber vegetables. Closer Insecticide represents a new mode of action for this use on these crops. Therefore, it will aid in resistance management of tarnished plant bug on these crops. Closer Insecticide will be the first product registered to control tarnished plant bugs on Brassica leafy vegetables.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to amend the label of Closer Insecticide to include control of tarnished plant bug on labelled crops.

References

PMRA

Document

Number	Reference
2794934	2017, Value Summary-sulfoxaflor Control of Plant Bug - various crops, DACO: 10.1, 10.2, 10.3
2794935	2017, Efficacy and Safety Table - sulfoxaflor Control of Plant Bug - various crops, DACO: 10.2.3.1
2794936	2017, Individual Field Trials (3) sulfoxaflor (Appendix 1) - Control of Plant Bug - various crops, DACO: 10.2.3.3
2853228	2018, Response to PMRA Questions on Sulfoxaflor - Closer Ins. (2017-4206), TwinGuard Ins (2017-4207)., DACO: 10.2,10.2.3
2794933	2017, Exposure Waiver - Closer Insecticide - Add Tarnished Plant Bug-various crops, DACO: 5.2

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2019

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.