

Evaluation Report for Category B, Subcategory 3.5, 3.12 Application

Application Number: 2018-6224
Application: B.3.5: Change Rotational Crop/Plantback Interval
B.3.12: New Site or Host
Product: Sivanto Prime Insecticide
Registration Number: 31452
Active ingredients (a.i.): Flupyradifurone
PMRA Document Number: 3065913

Purpose of Application

The purpose of this application was to add foliar application to Christmas trees and amend the plant-back interval for sugar beet to the Sivanto Prime Insecticide label.

Chemistry Assessment

Chemistry assessment was not required for this application.

Health Assessments

Previously reviewed residue data from confined crop rotational study in/on turnip were reassessed in the framework of this application. In addition, a processing study in sugar beet was reviewed to determine the potential for concentration of residues of flupyradifurone into processed commodities. Following the review of the available information, it is estimated that residues of flupyradifurone in sugar beets would be <0.01 ppm at the 6 month plant back interval therefore, the request to reduce the plant back interval from 12 months to 6 months can be supported.

Environmental Assessment

The use on Christmas trees is a registered use pattern of flupyradifurone in Canada. Therefore, no additional risk to the environment is expected from the addition of Christmas trees to the Sivanto Prime Insecticide label. Required environmental label statements and buffer zones have been included in the label.

Value Assessment

Use of Sivanto Prime Insecticide for control of aphids on Christmas trees was supported based on the current registration of the same use for a product with the similar formulation.

Conclusion

The PMRA has reviewed the information provided in support of the requested amendments. Based on the results of this review, the addition of foliar application to Christmas trees and the amended the plant-back interval for sugar beet are acceptable to appear on the Sivanto Prime Insecticide label.

References

2938079	2018, Flupyradifurone Request for six-month plant-back interval to sugar beet following the application at the maximum seasonal application rate to primary crops, DACO: 7.4.4
2938082	2012, Processing study - Determination of the residues of BYI 02960 in/on beet, sugar and processed fractions (body, washed; washings; pulp; raw juice; thin juice; cake, lime; thick juice; molasses; raw sugar; white sugar; pulp, extracted, wet; press liquor; pulp, extracted, pressed; pulp, extracted, dry; pulp, extracted, ensiled; and refined sugar) after spraying and incorporation of BYI 02960 SL 200 in the field in Germany, DACO: 7.4.5

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, as represented by the Minister of Health Canada, 2020

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.