

## Evaluation Report for Category B, Subcategory 3.1, 3.11 Application

**Application Number:** 2018-1871  
**Application:** Changes to Product Labels-Application Rate Increase Changes to Product Labels-New Pests  
**Product:** Beleaf 50SG Insectide  
**Registration Number:** 29796  
**Active ingredient (a.i.):** Flonicamid  
**PMRA Document Number:** 2912042

### Purpose of Application

The purpose of this application was to add a new pest, psyllid, to the label of Beleaf 50SG Insecticide, at a rate higher than the previously registered rates of the other uses of this product.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

No new residue data for flonicamid in potatoes were submitted to support the use expansion of Beleaf 50SG. Previously reviewed residue data from field trials conducted in/on potatoes were reassessed in the framework of this petition. In addition, a processing study in treated potatoes was also reassessed to determine the potential for concentration of residues of flonicamid into processed commodities.

The occupational exposure and risk from the addition of psyllid pest in tuberous and corm vegetables to the label of Beleaf 50SG Insecticide was assessed. No risks of concern are expected from the new use, provided that workers follow the label directions and wear the personal protective equipment identified on the label.

A toxicology assessment was not required for this application.

### Environmental Assessment

The new use on tuberous and corm vegetables (crop subgroup 1C) to suppress psyllid is within the currently registered use pattern of Beleaf 50SG Insecticide, and therefore, no additional risk is expected from this use. The label includes the required environmental precautions and hazards statements, including the buffer zones information, which adequately mitigates risks to the environment.

## **Value Assessment**

Two field trials supported claims that Beleaf 50SG Insecticide suppresses psyllids on tuberous and corm vegetables. This product provides a new mode of action for this use, which will aid in the resistance management of psyllid on these crops.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, Beleaf 50SG Insecticide, and has found the information sufficient to add a new pest to the product label.

## References

2880520 2018, 10.2.3.1 - Excel Spreadsheet - Summary of Potato Trials - Flonicamid, DACO: 10.2.3.1,10.3.1

2880522 2018, DACO 10 Beleaf Insecticide Potato Psyllid, DACO: 10.1,10.2.1,10.2.2,10.2.3.1,10.2.3.3,10.3,10.4,10.5

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.