

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

**Application Number:** 2019-0592  
**Application:** Changes to Product Label; New Pests and Increased Application Rate  
**Product:** Beleaf 50SG Insecticide  
**Registration Number:** 29796  
**Active ingredients (a.i.):** Flonicamid  
**PMRA Document Number:** 3085903

### Purpose of Application

The purpose of this application was to amend the label of Beleaf 50SG Insecticide to add suppression of tarnished plant bug on pome fruit and stone fruit at an increased application rate.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

A toxicological assessment was not required for this application.

Workers are exposed to flonicamid, during of mixing/loading and applying, as well as during post-application entry activities in pome fruit and stone fruit orchards treated with Beleaf 50SG Insecticide. No risks of concern are expected when following the label precautions, instructions, and restrictions, which include an extended restricted entry interval (REI). Post-application exposures to flonicamid by the public, including children, in treated 'Pick-Your-Own' orchards are not of concern.

No new residue data for flonicamid were submitted to support addition of a new pest on the label of Beleaf 50SG (Reg. No. 29796) at a higher application rate. Previously reviewed data were reassessed in the framework of this application and it was confirmed that the use of Beleaf 50SG is not expected to result in an increase in the magnitude of flonicamid residues in/on the treated crops. Therefore, the use of Beleaf 50SG will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors

## **Environmental Assessment**

The maximum application rate for the suppression of tarnished leaf bugs on pome and stone fruits is the same as the currently registered label rates for animal feeds, low-growing berries, and legumes and the airblast buffer zones are the same. Therefore, it is not expected that this use expansion will pose any additional risks to the environment. The label is sufficient to mitigate any environmental concerns when Beleaf 50SG Insecticide is used in accordance with label directions.

## **Value Assessment**

From a value prespective, extrapolation from registered uses supported the use of Beleaf 50SG Insecticide for suppression of tarnished plant bug on pome fruit and stone fruit at a rate of 0.2 kg product/ha. Beleaf 50SG Insecticide represents a new mode of action for tarnished plant bug on pome fruit and stone fruit, which may aid in resistance management.

## **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 Beleaf 50SG Insecticide for suppression of tarnished plant bug on pome fruit and stone fruit.

## References

None

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