

Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2021-0429
Application: Changes to Product Labels - New Site or Host
Product: Verimark Insecticide
Registration Number: 30892
Active ingredient (a.i.): Cyantraniliprole
PMRA Document Number: 3306259

Purpose of Application

The purpose of this application was to add the use of tomatoes and add minor label amendments to the Verimark Insecticide label.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicology assessment was not required for this application.

The occupational inhalation exposure and risk from the addition of the use on field tomatoes to the Verimark Insecticide label 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.

No new residue data for cyantraniliprole in/on tomatoes were submitted to support the use expansion of this active on the Verimark Insecticide label. Previously reviewed residue data from field trials conducted in/on tomatoes were reassessed in the framework of this application. In addition, a processing study in treated tomatoes was also reassessed to determine the potential for concentration of residues of cyantraniliprole into processed commodities.

As there is an established MRL for fruiting vegetables based on foliar applications, which results in higher residues than soil applications, there is no need to recalculate the MRL. Cyantraniliprole residues in tomatoes following an in-furrow spray will be covered by the established MRL for Crop Group 8-09 (Fruiting Vegetables). Residues in the crop commodities at the established MRL will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

After a scientific review of the available information, the PMRA has concluded that the environmental risks associated with the use of Verimark Insecticide as an in-furrow application to tomato are acceptable when the product is used according to the label directions.

Value Assessment

The results of field trials demonstrated the efficacy of Verimark Insecticide for control of Colorado potato beetle when applied at labeled rates. Additionally, the label of Verimark Insecticide has a registered claim against Colorado potato beetle on potato following a similar use pattern. The addition of the claim for use on tomatoes to the label will provide tomato growers with an alternative product and application method for use in an integrated pest management program to manage Colorado potato beetle.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the label amendments to the Verimark Insecticide label.

References

PMRA Document Number	Reference
3195797	2021, Biological Assessment Dossier Verimark Insecticide for Control of Colorado Potato Beetles, Canada 2020, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3, 10.3.1, 10.3.2, 10.3.3

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