

Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2019-4892
Application: Changes to Product Labels - New Sites or Host
Product: Altus Insecticide
Registration Number: 33176
Active ingredient (a.i.): Flupyradifurone
PMRA Document Number: 3153682

Purpose of Application

The purpose of this application was to amend the label of Altus Insecticide to add greenhouse strawberries and control of aphids, leafhoppers and whiteflies on greenhouse Crop Subgroup 8-09B (Peppers and Eggplants).

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicological assessment was not required for this application.

A human health risk assessment was completed to support the addition of greenhouse strawberries and Crop Subgroup 8-09B to the Altus Insecticide label. No risks of concern are expected when mixers/loaders/applicators follow label directions and wear personal protective equipment as stated on the label. For postapplication workers, the new uses are not expected to result in health risks exceeding those from uses on other labelled greenhouse crops.

No new residue data for flupyradifurone in/on strawberries or members of Crop Subgroup 8-09B were submitted to support the use expansion of the Altus Insecticide label. Previously reviewed data were reassessed in the framework of this application. The dietary exposure assessments on file are considered adequate to cover the residues of flypyradifurone resulting from the use of Altus Insecticide. No health risks of concern have been identified for any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

After a scientific review of the available information, it has been determined that the environmental risks associated with the uses of Altus Insecticide are acceptable when used according to the label directions.

Value Assessment

Extrapolation from previously registered uses of Altus Insecticide and a similar product, Sivanto Prime Insecticide, supported addition of control of aphids, leafhoppers and whiteflies on greenhouse strawberries and greenhouse Crop Subgroup 8-09B (Peppers/Eggplants) to the Altus Insecticide label. Altus Insecticide is the first product registered against leafhoppers on greenhouse strawberries and greenhouse CSG 8-09B. The product also represents a new mode action for use against aphids and whiteflies on greenhouse strawberries and greenhouse CSG 8-09B, which may aid in resistance management of these pests.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the amendment of the label of Altus Insecticide to include use on greenhouse strawberries and control of aphids, leafhoppers and whiteflies on greenhouse Crop Subgroup 8-09B (Peppers and Eggplants).

References

PMRA Document Number 3031084	References 2019, Altus Insecticide - Control of aphids, leafhoppers and whiteflies in members of Crop Subgroup 8-09B, DACO: 10.1, 10.2.2, 10.2.3.1, 10.2.3.3(D), 10.3.1, 10.3.2(B)
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