



Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2024-0395
Application: Changes to Product Labels – New Site or Host
Applicant: Corteva Agriscience Canada Company
Product: Salibro Nematicide
Registration Number: 34182
Active ingredient (a.i.): Fluazaindolizine
PMRA Document Number: 3699583

Purpose of Application

The purpose of this application was to amend the product label of Salibro Nematicide to add the use on bearing cherries.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

The use of Salibro Nematicide on bearing cherries is not expected to result in potential occupational or bystander exposure over the registered use of fluazaindolizine. No risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

Residue data from field trials conducted in Canada and the United States were submitted to support the use of Salibro Nematicide on fruit bearing Crop Subgroup 12-09A: Cherries. Fluazaindolizine was applied to tart and sweet cherries at rates equivalent to and greater than the label rate and harvested according to label directions. Residues in cherries (Crop Subgroup 12-09A) treated in accordance with the approved use pattern are not likely to exceed the proposed MRL of 0.01 ppm for Crop Group 12-09, currently in the process of promulgation under Application Number 2022-1222. Dietary risks from exposure to residues of fluazaindolizine in these crop commodities at the proposed MRL were shown to be acceptable for the general population and all subpopulations, including infants, children, adults and seniors.

A toxicology assessment was not required for this application.

Environmental Assessment

The use of Salibro Nematicide on bearing cherries is within the currently registered use pattern for fluazaindolizine. Therefore, the risk is acceptable when Salibro Nematicide is used in accordance with the label, which includes statements to mitigate risks to the environment.

Value Assessment

The efficacy of Salibro Nematicide against root knot nematodes in non-bearing stone fruit was demonstrated under a previous application. The same level of efficacy can reasonably be expected when applications are made to cherry trees later at the fruit-bearing stage of their production cycle. Crop tolerance data demonstrated that Salibro Nematicide, applied following the labelled use directions, is not expected to result in any crop injury on bearing cherries.

Root knot nematodes can cause significant reductions in plant health and crop yield throughout the production cycle. Extension of the precedent claim on the Salibro Nematicide label against root knot nematode in non-bearing stone fruit to bearing cherry will provide Canadian growers with an additional product to combat this common pest in later stages of the crop production cycle.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found the information acceptable to amend the label of Salibro Nematicide to add the use on bearing cherries.

References

PMRA Document Number	Reference
3550361	2024, D-48222 RE AM1 Q8U80 Stone Frt DEC, DACO: 7.4.1,7.4.2
3550362	2024, DACO 10, Salibro Nem, cherry bearing, DACO: 10.1,10.3.1,10.3.2
3550363	2024, Trial Summary Report, DACO: 10.2.3.1,10.2.3.3

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