

Evaluation Report for Category B, Subcategory 3.11, 3.12 Application

Application Number: 2019-0493
Application: Changes to Product Labels - New Pests and New Sites or Host
Product: Pura-fi 420
Registration Number: 32062
Active ingredient (a.i.): Copper (present as copper sulfate pentahydrate)
PMRA Document Number: 3114216

Purpose of Application

The purpose of this application was to register the control of bacterial blight (*Pseudomonas syringae pv syringae*) on highbush blueberries to Pura-fi 420.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

Toxicological endpoints have not been established for copper compounds currently registered for use as pesticides in Canada. Pura-fi 420, containing copper present as copper sulfate pentahydrate, does not present unacceptable risks to human health when used according to label directions.

Occupational risk to individuals handling and applying Pura-fi 420 is acceptable when the product is used according to label directions. Precautionary, personal protective equipment and directions for use statements on the product label aimed at mitigating user exposure are adequate to protect individuals from any potential risk due to occupational exposure.

Bystander exposure will not result in health risks of concern when the product is used according to label directions. Consequently, the risk to bystanders and individuals in residential areas is acceptable.

There are no dietary (food or drinking water) concerns from the proposed use on highbush blueberries because application rates and maximum number of applications per year are less than currently registered end-use products with similar use.

Environmental Assessment

The use on highbush blueberries as a host crop for bacterial blight (*Pseudomonas syringae* pv. *syringae*) control for Pura-fi 420 is not expected to pose additional risks to the environment when used according to label directions.

Value Assessment

The results of field trials provided evidence that control of bacterial blight on highbush blueberries can be expected when Pura-fi 420 is applied as per label recommendations. Pura-fi 420 will offer an additional product for use in an integrated pest management program to control bacterial blight on highbush blueberries. Therefore, the claim of control of bacterial blight on highbush blueberries is supported.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the addition of highbush blueberries on the label of Pura-fi 420.

References

PMRA Document Number	References
2546387	2019. DACO 5.2 Use Scenario or Description for Pura-fi 420 on Blueberry, DACO 5.2
2959487	2019. DACO 5.2 Use Scenario or Description for Pura-fi 420 on Blueberry, DACO 5.2
2959488	2019, DACO 6 Rationale Pura-fi 420 Blueberry, DACO: 6.1
2959489	2019, DACO 7 Rationale Pura-fi 420 Blueberry, DACO: 7.1
3020797	2019, Pura-Fi 420 Submission 2019-0493 Summary 080119, DACO 10.1
3095298	2020, DACO 5.2 Pura-fi 420 Sub. No 2019-0493 Response to Request for Clarification 031820, DACO: 5.2

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