

Evaluation Report for Category B, Subcategory 3.4, 3.11 Application

Application Number: 2021-0177
Application: Changes to End-Use Product Label – Application Method and New Pests
Product: Botanigard 22WP
Registration Number: 29321
Active ingredient (a.i.): *Beauveria bassiana* strain GHA
PMRA Document Number : 3232396

Purpose of Application

The purpose of this application was to amend the label of Botanigard 22WP to add a new pest (rice root aphids on cannabis) and a new application method on cannabis (seeding/ rooting; seeding through flowering; and mother plants).

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

As there are no changes to the formulation of Botanigard 22WP, no additional toxicological information is required for the end-use product or for the active ingredient, *B. bassiana* strain GHA. *Beauveria bassiana* strain GHA is of low acute toxicity by the oral, pulmonary and intraperitoneal routes. It is considered a mild skin irritant, moderately irritating to the eyes, and a potential sensitizer. The formulation of Botanigard 22WP does not pose any significant concern with respect to toxicity or irritation.

The foliar use on greenhouse and indoor grown cannabis is consistent with what is currently on the label for this crop. The potential for dietary and other consumer and occupational exposure from the dip and drench applications of Botanigard 22WP is not expected to increase and therefore, health risks are acceptable and no additional exposure information is required.

Environmental Assessment

As there are no changes to the formulation of Botanigard 22WP, no additional environmental information is required for the end-use product or for the active ingredient, *Beauveria bassiana* strain GHA.

The foliar use on greenhouse and indoor grown cannabis is consistent with what is currently on the label for this crop. The proposed dip and drench applications of Botanigard 22WP to greenhouse and indoor grown cannabis is not expected to pose an additional risk to the environment.

Value Assessment

Growers who used Botanigard 22WP to treat rice root aphids on cannabis under an emergency registration granted in 2020 reported that Botanigard 22WP can control rice root aphids when applied as a drench, foliar spray or dip application. Additionally, Botanigard 22WP is registered to control aphids on cannabis, and there is an urgent need for an effective product against rice root aphids on cannabis, as demonstrated by the emergency registration. Based on the sum of the value information, Botanigard 22WP can be expected to control rice root aphids on cannabis. The registration of Botanigard 22WP will provide cannabis growers with an effective product for use to manage rice root aphids.

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 a new pest and new application methods on cannabis to the label of Botanigard 22WP.

References

None

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