

Evaluation Report for Category B, Subcategory 3.11, 3.12 Application

Application Number: 2020-0566
Application: Changes to Product Labels - New Pests and New Sites or Host
Product: Actinovate SP
Registration Number: 28672
Active ingredient (a.i.): *Streptomyces lydicus* strain WYEC 108
PMRA Document Number: 3148889

Purpose of Application

The purpose of this application was to amend Actinovate SP to reinstate the suppression of Botrytis fruit rot (*Botrytis cinerea*) and powdery mildew (*Sphaerotheca macularis*) and to add the suppression of seed rot/pre-emergence damping-off, post-emergence damping-off and root rot caused by *Pythium* spp on indoor and outdoor-grown cannabis and hemp.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

As there was no change in the formulation, no additional toxicological information was required for this application. *Streptomyces lydicus* strain WYEC 108 is not toxic, pathogenic or infective via the pulmonary or intravenous routes, is an ocular and skin irritant and a potential sensitizer.

The methods of application on cannabis and hemp grown indoors or outdoors are consistent with what is currently on the label for other greenhouse and field crops. The potential for dietary and occupational exposure from the foliar and drench applications of Actinovate SP to cannabis and hemp is not expected to increase, and therefore, no additional exposure information is required.

Environmental Assessment

As there was no change in the formulation of Actinovate SP, no additional environmental toxicological information was required for this application.

The methods of application on cannabis and hemp grown indoors or outdoors are consistent with what is currently on the label for other greenhouse and field crops. The use on cannabis and hemp is not expected to pose an additional risk to the environment.

Value Assessment

The applicant submitted a scientific rationale to support the extrapolation of disease claims based on registered uses on other crops. Foliar claims for suppression of grey mould and powdery mildew on indoor and outdoor cannabis and hemp were supported. Addition of soil application claims for suppression of diseases caused by *Pythium* spp. were supported on indoor cannabis and hemp. The addition of these claims to the Actinovate SP label provides an additional rotational fungicide for cannabis and an initial fungicide product for use on hemp to manage diseases.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the amendment to reinstate the suppression of Botrytis fruit rot and powdery mildew and to add the use on indoor and outdoor-grown cannabis and hemp to the label of Actinovate SP.

References

PMRA References
Document
Number

3089974 2020, Efficacy Rationale_Actinovate Cannabis_Feb_2020, DACO: 10.2

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