

Evaluation Report for Category B, Subcategories 3.1, 3.10, 3.11 Application

Application Number: 2024-1886
Application: Changes to Product Labels - Application Rate Increase; Tank Mixes; New Pests
Applicant: 2022 Environmental Science CA Inc.
Product: Signature Xtra Stressgard
Registration Number: 32800
Active ingredient (a.i.): Fosetyl-aluminum
PMRA Document Number: 3735217

Purpose of Application

The purpose of this application was to amend the label of Signature Xtra Stressgard to add a new pest with an increase to the maximum single application rate, and to add the new general tank mix statement.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

An updated health risk assessment was conducted for chemical handlers, postapplication workers and golfers. No risks of concern were identified for the use of fosetyl-aluminum on sod farms and golf courses. No risks of concern are expected when workers follow the label directions and wear the personal protective equipment identified on the label.

No food residue data were submitted or were required for this application, as there are no food uses associated with Signature Xtra Stressgard. The use of fosetyl-aluminum on turf does not constitute a health risk of concern for dietary exposure to any segment of the population, including infants, children, adults and seniors.

A toxicology assessment was not required for this application.

Environmental Assessment

Following scientific review of the available information, it was concluded that the environmental risks associated with the increase to the maximum single application rate on the Signature Xtra Stressguard label are acceptable when used in accordance with the label, which includes statements to mitigate risks to the environment.

Value Assessment

The results of nine field efficacy trials, conducted between 2016 and 2022, were reviewed to support the value of the claim of microdochium patch control on turf. Acceptable efficacy was observed when Signature Xtra Stressgard was applied according to the label use pattern to control the subject disease. This registration provides a new active ingredient and an additional product option for turf managers in Canada to control microdochium patch on turfgrass.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the amendments to the label of Signature Xtra Stressgard to add a new pest, increase the maximum single application rate and add the general tank-mix statement.

References

PMRA Document Number	Reference
3585082	2024, Signature Xtra Stressgard a 60% formulation of the active ingredient fosetyl-Al label expansion for the control of the turfgrass disease Microdochium Patch in Canada, DACO: 10.1, 10.2.3.1, 10.3.1, 10.3.2
3585085	2023, TAB 1 - FE16IRLA2EEF14, DACO: 10.2.3, 10.2.3.3, 10.3.1
3585086	2023, TAB 2 - FE16VSFGO4PS12, DACO: 10.2.3, 10.2.3.3, 10.3.1
3585087	2023, TAB 3 - FE17IRLC1IST06, DACO: 10.2.3, 10.2.3.3, 10.3.1
3585088	2023, TAB 4 - FE17IRLD9IST02, DACO: 10.2.3, 10.2.3.3, 10.3.1
3585089	2023, TAB 5 - FE18GBRC3SSTRI, DACO: 10.2.3, 10.2.3.3, 10.3.1
3585090	2023, TAB 6 - FE19GBRA6STR03, DACO: 10.2.3, 10.2.3.3, 10.3.1
3585091	2023, TAB 7 - FE21USAZNAEVH1, DACO: 10.2.3, 10.2.3.3, 10.3.1
3585092	2023, TAB 8 - FE22USAZNAEVH1, DACO: 10.2.3, 10.2.3.3, 10.3.1
3585093	2022, TAB 9 - 2021-2022 Bayer Fungicide Efficacy Microdochium Patch Trial, DACO: 10.2.3, 10.2.3.3, 10.3.1

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