

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2024-5546
Application: Streamline Category B (New Pest)
Applicant: Valent Canada Inc. [VAJ]
Product: V-10504 FS Fungicide
Registration Number: 34330
Active ingredient(s) (a.i.): Ethaboxam, Inpyrfluxam, Metalaxyl
PMRA Document Number: 3690094

Purpose of Application

The purpose of this application was to add claims of suppression of seed rot/pre-emergence damping-off, post-emergence damping-off, and seedling blight caused by *Fusarium* spp. on corn and legume vegetables (including soybean) to the V-10504 FS Fungicide label (Reg. No. 34330).

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since the use pattern, including host crop, application rates and timings, of the component product remained unchanged.

Value Assessment

The results from a total of ten greenhouse and field trials conducted on corn and soybean between 2020 and 2024 to support the value of the claim were reviewed. Acceptable efficacy was observed on corn and soybean when treated with V-10504 FS Fungicide according to the currently registered use pattern. The value information supports the claims of suppression of seed rot/pre-emergence damping-off, post-emergence damping-off, and seedling blight caused by *Fusarium* spp. on corn and legume vegetables (including soybean) at an application rate of 130 mL/100 kg seed. This registration provides an additional option for growers of corn, legumes, and soybean to manage seed- and soil-borne diseases early in the crop growth cycle.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the value information provided, and has found it acceptable to support the claim of suppression of seed rot/pre-emergence damping-off, post-emergence damping-off, and seedling blight caused by *Fusarium* spp. on corn and legume vegetables (including soybean) when treated with V-10504 FS Fungicide according to the registered use pattern.

References

PMRA #	Reference
3156038	2020, Value Summary for V-10504 Fungicide, a Fungicide Containing Ethaboxam, Inpyrfluxam, Mandestrobin, and Metalaxyl for Control of Seed and Seedling Diseases of Crop Group 6: Legume Vegetables, DACO: 10.1,10.2.1,10.2.2,10.2.3.1,10.2.3.3, 10.3.1,10.4, 10.5.1,10.5.2,10.5.3,10.5.4
3645861	2024, Value Summary for V-10504 FS Fungicide, a Seed Protectant Containing Inpyrfluxam, Ethaboxam, and Metalaxyl for Control of Fusarium spp. on Corn and Crop Group 6 - Legume Vegetables, including Soybeans, DACO: 10.1,10.2.1,10.2.2, 10.2.3.1, 10.2.3.3,10.3.1,10.4,10.5.1,10.5.2,10.5.3,10.5.4
3645862	2024, APPENDIX 1: Trial Reports for "Value Summary for V-10504 FS Fungicide, a Seed Protectant Containing Inpyrfluxam, Ethaboxam, and Metalaxyl for Control of Fusarium spp. on Corn and Crop Group 6 - Legume Vegetables, including Soybeans", DACO: 10.1,10.2.1,10.2.2,10.2.3.1,10.2.3.3,10.3.1,10.4,10.5.1,10.5.2,10.5.3,10.5.4
3665343	2024, Re: Clarification Response for Category B Streamlined Submission - Addition of Pest Claims for V-10504 FS Fungicide, Sub. No. 2024-5546 (Reg. No. 34330) and Zeltera Fungicide, Sub. No. 2024-5608 (Reg. No. 33820), DACO: 10.1,10.2.3.3
3665344	2024, APPENDIX 1 - Updated Trial Reports for "Value Summary for V-10504 FS Fungicide, a Seed Protectant Containing Inpyrfluxam, Ethaboxam, and Metalaxyl for Control of Fusarium spp. on Corn and Crop Group 6 - Legume Vegetables, including Soybeans", DACO: 10.2.3.3

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