

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2023-2170
Application: Addition of New Pest
Product: Delaro Complete
Registration Number: 34095
Active ingredient(s) (a.i.): fluopyram [128.3 g/L], prothioconazole [176.2 g/L], trifloxystrobin [154 g/L]
PMRA Document Number: 3516555

Background

Delaro Complete is a suspension formulation product containing three different fungicides registered for use on legumes, corn, and cereal crops. The product is currently registered to control anthracnose on lentil and chickpea and ascochyta blight on chickpea.

Purpose of Application

The purpose of this application was to add claims of control against specific pathogens that cause anthracnose and ascochyta blight on lentil and/or chickpea that have developed resistance to a certain class of fungicides (Group 11 fungicides).

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 of four efficacy trials conducted on lentil in Canada (AB, SK) in 2022 and scientific rationales were submitted to support the claims of control of two different pathogens of lentil and chickpea that are resistant to Group 11 fungicides.

Based on efficacy data, yield responses, and grower expectations, the claim of control of the Group 11-resistant pathogens that cause anthracnose in lentil was supported. This claim was extrapolated to chickpea based on crop and disease similarities.

A scientific rationale based on genetic similarities in resistant pathogens supported extrapolation of the claim to include the Group 11-resistant populations of the pathogen that causes ascochyta blight in lentil.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to add claims of control of specific Group 11 Fungicide-resistant pathogens that cause anthracnose and ascochyta blight on lentil and chickpea to the Delaro Complete label at the currently registered application rates and timing.

References

PMRA Reference No.

- 3467801 2023, Label expansion of Delaro Complete foliar fungicide to include Group 11 strobilurin (QoI) insensitive anthracnose control in lentils and chickpeas, and Group 11 strobilurin (QoI) insensitive ascochyta blight control in chickpeas., DACO: 10.1,10.2.2,10.2.3,10.2.3.1,10.2.3.3(D),10.3,10.3.1,10.3.2,10.5,10.5.1,10.5.2,10.5.3
- 3467803 2023, Compilation of Trial Reports: Label expansion of Delaro Complete foliar fungicide to include Group 11 strobilurin (QoI) insensitive anthracnose control in lentils and chickpeas, and Group 11 strobilurin (QoI) insensitive ascochyta blight control in chickpeas., DACO: 10.2.3.3,10.2.3.3(D),10.3.2(B)
- 3489916 2023, Bayer response to PMRA/VSAD clarification request , DACO: 10.1,10.2.2,10.2.3,10.2.3.1,10.2.3.3(D),10.3,10.3.1,10.3.2,10.5,10.5.1,10.5.2,10.5.3
- 3489917 2023, Amended-Compilation of Trial Reports: Label expansion of Delaro Complete foliar fungicide to include Group 11 strobilurin (QoI) insensitive anthracnose control in lentils and chickpeas, and Group 11 strobilurin (QoI) insensitive ascochyta blight control in chickpeas., DACO: 10.2.3.3,10.2.3.3(D),10.3.2(B)

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