

New Pests

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2021-6599
Application: B3.11 New or changes to Product Labels-New Pests
Product: A21461 Fungicide
Registration Number: 33022
Active ingredients (a.i.): Pydiflumetofen (75 g/L), Azoxystrobin (125 g/L), Propiconazole (100 g/L)
PMRA Document Number: 3358347

Background

A21461 Fungicide, first registered in May 2018, is a broad spectrum fungicide containing 75 g/L pydiflumetofen, 125 g/L azoxystrobin and 100 g/L propiconazole. A21461 Fungicide is registered for use on multiple crops grown in the field, including corn, to control or suppress certain foliar diseases when applied at a total active ingredient (a.i.) application rate range of 225 to 375 g a.i./ha. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this application was to add a claim to suppress tar spot on corn when A21461 Fungicide is applied at a rate of 1.0 L product/ha (300 g a.i./ha) up to two times per year with an application interval of 14 days using ground or aerial application equipment.

Chemistry, Health and Environmental Assessment

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 rate and timing, remained unchanged.

Value Assessment

Three valid field trials were reviewed to support a claim to suppress tar spot on corn for A21461 Fungicide. On average, when A21461 Fungicide was applied at the late vegetative stage to the early reproductive stage, trials showed that tar spot disease severity was suppressed on corn compared to untreated controls. Tar spot is a novel disease of corn that has become established in the United States and has recently expanded its range into Canada. Registration of A21461 Fungicide to suppress tar spot will provide corn growers with an additional tool to combat this emerging disease in Canada.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the subject application and determined that the submitted information is adequate to support a claim to suppress tar spot on corn when A21461 Fungicide is applied at a rate of 1 L product/ha (300 g a.i./ha) up to two times per year with a re-application interval of 14 days with ground or aerial equipment.

References

PMRA #	Reference
3302529	2021, DACO 10 VALUE SUMMARY: Efficacy for Control of Tar Spot (Phyllachora maydis) in Corn with A21461 Fungicide, DACO: 10.1
3302531	2020, Sales Support: Miravis Neo, Trivapro - Evaluation of fungicides on tar spot in corn, DACO: 10.2.3.3
3302532	2020, SALES SUPPORT: Aproach, Aproach Prima, Miravis Neo, Tilt - Evaluation of foliar fungicides on tar spot and yield in corn - Monmouth, DACO: 10.2.3.3
3302534	2021, Fungicide - Sales Support - 2021 US, DACO: 10.2.3.3

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