



New Pests

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2019-6076
Application: New Pests
Product: Zolera FX Fungicide
Registration Number: 33367
Active ingredients (a.i.): Fluoxastrobin and Tetraconazole
PMRA Document Number : 3114233

Background

Zolera FX was first registered April 17, 2019. Zolera FX Fungicide, containing 200 g/L of each of fluoxastrobin and tetraconazole, is registered for foliar application to multiple crops, including wheat, barley, corn, canola, and dried shelled peas and beans for the control or suppression of particular diseases. Zolera FX Fungicide may be applied a maximum of twice per year in wheat, barley and canola at 350 mL/ha, in peas and beans at 350-550 mL/ha and 500 mL/ha in corn. 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 expand the registration of Zolera FX Fungicide to include claims against scald in barley and anthracnose in dried shelled beans for Zolera FX applied preventatively at up to twice per season at 350 mL/ha in barley and 350-550 mL/ha in dried shelled bean crops with or without addition of a non-ionic surfactant to the spray solution.

Chemistry Assessment

A chemistry assessment was not required as there was no change to the product formulation.

Health and Environmental Assessment

Health and environmental assessments were not required as there was no change to host crops, application rates, methods, and timings.

Value Assessment

Value information was submitted in the form of efficacy data generated in field trials in which treatments of Zolera FX Fungicide, and/or the single active ingredient products, Zolera Fungicide (tetraconazole) and Evito Fungicide (fluoxastrobin) were included. Zolera Fungicide and Evito Fungicide were applied at active ingredient rates equivalent to those that would be applied as

Zolera FX Fungicide. The data from seven trials indicated that control of scald could be expected in barley treated with 350 mL/ha Zolera FX applied with or without addition of a non-ionic surfactant. Similarly, data from four trials collectively demonstrated that anthracnose in dried shelled beans is suppressed following treatment with 350-550 mL/ha Zolera FX Fungicide with or without addition of a non-ionic surfactant. There was evidence that addition of a non-ionic surfactant to the spray solution may increase efficacy under some conditions.

A crop safety assessment was not required as Zolera FX Fungicide was already registered for use in barley and dry shelled beans at the same rates.

Conclusion

The PMRA has conducted an assessment of the subject application and has determined that the submitted information is adequate to support the additional claims of control of scald in barley at 350 mL/ha and suppression of anthracnose in dried shelled beans at 350-550 mL/ha in for Zolera FX Fungicide applied a maximum of twice per year.

References

List of Studies/Information Submitted by Registrant

Value Assessment

- 3048280 2019, History of Use Form - Zolera FX Trial, DACO: 10.2.4
- 3048281 2019, Zolera FX Demo Trial 2019, DACO: 10.2.3.3(D)
- 3048282 2019, ARY-0415 Efficacy in Cereals, DACO: 10.2.3.3(D)
- 3048283 2019, Efficacy of ARY-0415 on Cereals with other Products., DACO: 10.2.3.3(D)
- 3048284 2019, Efficacy of ARY-0415 on Cereals with other Products., DACO: 10.2.3.3(D)
- 3048285 2019, ARY-0415 Market Positioning, DACO: 10.2.3.3(D)
- 3048286 2019, ARY-0415 Tankmix Efficacy in Pulses, DACO: 10.2.3.3(D)
- 3048287 2019, ARY-0415 Tankmix Efficacy in Pulses, DACO: 10.2.3.3(D)
- 3048288 2019, ARY-0415 Efficacy in Cereals, DACO: 10.2.3.3(D)
- 3048289 2019, Efficacy of Evito on Barley Leaf Diseases, DACO: 10.2.3.3(D)
- 3048290 2019, Efficacy of Evito on Barley Leaf Diseases, DACO: 10.2.3.3(D)
- 3048291 2019, Efficacy of Evito on Cereal Leaf Diseases, DACO: 10.2.3.3(D)
- 3048292 2017, Evaluation of F1375ab for control of anthracnose on dry beans, DACO: 10.2.3.3(D)
- 3048293 2017, Evaluation of ARY-0473-001 for control of anthracnose in dry beans, DACO: 10.2.3.3(D)
- 3088506 2018, Efficacy of ARY-0473-044 Formulations in Pulses, DACO: 10.2.3.3(D)
- 3088507 2018, Efficacy of ARY-0473-044 Formulations in Peas, DACO: 10.2.3.3(D)

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