

Evaluation Report for Category B, Subcategory 3.10, 3.11 Application

Application Number: 2020-2003
Application: New or Changes to Product Labels – Tank mixes, new pests
Product: Mettle 210 ME Fungicide
Registration Number: 32042
Active ingredients (a.i.): Tetraconazole
PMRA Document Number: 3182746

Background

Mettle 210 ME Fungicide is a broad-spectrum micro emulsion fungicide containing the active ingredient tetraconazole. It is currently registered in Canada for the control or suppression of various fungal diseases on wheat, barley, dried shelled pea and bean (Crop Subgroup 6C), rapeseed/canola (Crop Subgroup 20A), corn, sugar beet, cucurbit vegetables (Crop Group 9), fruiting vegetables (Crop Group 8-09), grape, gooseberry and strawberry.

Purpose of Application

The purpose of this application is to expand the registration of Mettle 210 ME Fungicide to include the claim of control of scald on barley and the addition of a tank mix with Evito 480 SC Fungicide for the suppression of ascochyta blight on pea, and ascochyta leaf and pod spot on lentil and pea.

Chemistry, Health and Environmental Assessment

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

Value Assessment

A rationale and value information from five field trials conducted in Alberta in 2016 were reviewed to support the use claims. The efficacy results demonstrated that Mettle 210 ME Fungicide controlled barley scald when applied as proposed in the trials under acceptable levels of disease pressure. The use pattern for scald control is in alignment with the currently registered uses on barley. The registration of this new use will provide Canadian growers with a new active ingredient to manage this important disease on barley. The tank mix use of Mettle 210 ME Fungicide with Evito 480 SC Fungicide is expected to improve the level of control of ascochyta blight of pea or ascochyta leaf and pod spot of lentil and pea.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, Mettle 210 ME Fungicide, and has found the information sufficient to add a claim of control of scald in barley and a tank mix with Evito 480 SC Fungicide in pea and lentil to the product label.

References

- 3123550 2020, Efficacy Summary for Barley Scald controlled with Mettle 210 ME Fungicide and Zolera Fungicide, DACO: 10.1,10.2.2,10.2.3.1,10.2.3.3(D)
- 3123552 2019, ARY-0415 Efficacy in Cereals, DACO: 10.2.3.3(D)
- 3123553 2019, Efficacy of ARY-0415 on Cereals with other Products., DACO: 10.2.3.3(D)
- 3123554 2019, ARY-0415 Market Positioning, DACO: 10.2.3.3(D)
- 3123555 2019, Efficacy of ARY-0415 on Cereals with other Products., DACO: 10.2.3.3(D)
- 3123556 2019, ARY-0415 Efficacy in Cereals, DACO: 10.2.3.3(D)

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