

Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2019-2119
Application: New or Changes to Product Labels – Tank mixes
Product: Headline AMP Fungicide
Registration Number: 32189
Active ingredients (a.i.): Metconazole (GHA) + pyraclostrobin (PYA)
PMRA Document Number: 3027548

Background

Headline AMP Fungicide is a premix fungicide, containing the active ingredients metconazole and pyraclostrobin. It is registered for broad-spectrum disease control in cereals and corn. In corn, Headline AMP is registered for the control of anthracnose, common rust, gray leaf spot, northern corn leaf blight and eye spot.

Purpose of Application

The purpose of this application is to add a tank mix use of Headline AMP Fungicide at a rate of 0.75 L/ha plus Caramba Fungicide (PMRA Reg. No. 29767) at a rate of 0.5 L/ha to the Headline AMP label. Caramba, containing metconazole alone, is registered at a rate of 1.0 L/ha for the suppression of fusarium and gibberella ear rot on corn.

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 remained unchanged.

Value Assessment

A scientific rationale was reviewed to support the tank mix claim of Headline AMP plus Caramba fungicides on corn. Fusarium and gibberella ear rot is one of the most economically important corn diseases because of its impact on yields and the feed quality of the grain by producing certain mycotoxins. As few fungicides are registered for suppressing ear rot, this tank mixture of Headline AMP and Caramba will provide growers an option to manage multiple diseases, including all foliar diseases and fusarium and gibberella ear rot, in one application using ground or aerial application equipment.

Conclusion

The supporting evidence confirmed the value of a tank mix of Headline AMP Fungicide and Caramba Fungicide for the suppression of fusarium and gibberella ear rot and the control of other foliar diseases on corn (field, pop, sweet and seed). The claim is supported as proposed.

References

- 2994495 2019, Value summary: Petition to Amend HEADLINE AMP Fungicide for Disease Control in Corn, DACO: 10.1

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