

Evaluation Report for Category B, Subcategory 3.1, 3.11 Application

Application Number: 2023-0493
Application: Application Rate Decrease, New Pest
Product: A21573 Fungicide
Registration Number: 33572
Active ingredients (a.i.): Pydiflumetofen, Propiconazole
PMRA Document Number: 3473071

Background

A21573 Fungicide, containing pydiflumetofen and propiconazole at 150 g/L and 125 g/L, respectively, is a suspension emulsion product registered to control or suppress certain diseases on barley, wheat (spring, winter and durum) oats and canola crops. 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 amend the registration of A21573 Fungicide to add a lower application rate (0.75 L product/ha) for certain claims on wheat and barley for use under lower disease pressure. The previously registered rate of 1 L product/ha on the subject crops and diseases will be retained for use under higher disease pressure conditions.

Additionally, the applicant added general tank mixing statements to the product label that are consistent with the requirements in the PMRA Guidance Document – *Tank Mix Labelling* (March 16, 2023).

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, as the only change to the use pattern, included a lower rate option for use on wheat (spring, winter and durum) and barley.

Value Assessment

Scientific rationales, data from efficacy trials previously reviewed under historical submissions, and five additional efficacy trials provided evidence that A21573 Fungicide, applied at 0.75 L product/ha will suppress fusarium head blight on wheat (spring, winter and durum) and barley, as well as control Septoria leaf spot and tan spot on wheat (spring, winter and durum) and control net blotch and scald on barley. The addition of this low rate for these claims provides wheat and barley growers with increased flexibility to manage important diseases depending on the anticipated disease pressure. The addition of the general tank mixing

statements provides growers with greater flexibility to select tank mixtures to control pests in labelled crops. Flexibility in the selection of tank mix partners may contribute to resistance management practices, integrated pest management programs or the control of a broader range of pests, with an associated cost- and time-savings for the user.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the following claims:

- Suppression of fusarium head blight on wheat (spring, winter and durum) at 0.75 L product/ha.
- Control of Septoria leaf spot and tan spot on wheat (spring, winter and durum) at 0.75 L product/ha.
- Suppression of fusarium head blight on barley at 0.75 L product/ha.
- Control of scald and net blotch on barley at 0.75 L product/ha.

The addition of general tank mix statements to the label of A21573 Fungicide was supported.

References

PMRA

Document Number

Reference

3433103	2023, DACO 10 VALUE SUMMARY: Efficacy and crop response for suppression of Fusarium head blight (<i>Fusarium graminearum</i>) in spring, winter, and durum wheat and barley; and control of associated leaf diseases Septoria leaf spot and tan spot in wheat, and net blotch and scald in barley with A21573 Fungicide., DACO: 10.1
3433107	2022, Evaluate Miravis Ace(A21573C) and new Miravis Ace variant (A21573H) for suppression of Fusarium head blight and control of leaf diseases in spring wheat and barley., DACO: 10.2.3.3
3433108	2022, Evaluate Miravis Ace(A21573C) and new Miravis Ace variant (A21573H) for suppression of Fusarium head blight and control of leaf diseases in spring wheat and barley., DACO: 10.2.3.3
3433109	2022, Evaluate Miravis Ace(A21573C) and new Miravis Ace variant (A21573H) for suppression of Fusarium head blight and control of leaf diseases in spring wheat and barley., DACO: 10.2.3.3
3433110	2022, Evaluate Miravis Ace(A21573C) and new Miravis Ace variant (A21573H) for suppression of Fusarium head blight and control of leaf diseases in spring wheat and barley., DACO: 10.2.3.3
3433111	2022, Evaluate Miravis Ace(A21573C) and new Miravis Ace variant (A21573H) for suppression of Fusarium head blight and control of leaf diseases in spring wheat and barley., DACO: 10.2.3.3

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