



## Evaluation Report for Category B, Subcategory 3.10 Application

**Application Number:** 2023-5420  
**Application:** New or changes to product labels – tank mixes  
**Applicant:** Syngenta Canada inc.  
**Product:** A19649 Fungicide  
**Registration Number:** 33018  
**Active ingredient (a.i.):** Pydiflumetofen  
**PMRA Document Number:** 3564169

### Background

A19649 Fungicide is a suspension concentrate product containing pydiflumetofen (200 g/L), a broad-spectrum fungicide registered to control or suppress certain diseases in various grain crops, potato, tomato, pepper and strawberry.

### Purpose of Application

The purpose of this application is to amend the label of A19649 Fungicide to 1) add use directions for a tank mix with Miravis Era B for the suppression of fusarium head blight on oats, rye and triticale and 2) amend the current use directions related to aerial applications for the tank mix with Miravis Era B on barley and wheat.

### 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

The applicant provided rationales in support of the proposed amendments to the A19649 Fungicide use directions. The review of the submitted value information supports the addition of use directions for a specified tank mix between A19649 Fungicide, applied at 0.5 – 0.625 L product/ha and Miravis Era B at 0.4-0.5 L product/ha with a non-ionic surfactant at 0.125% v/v. The tank mix is intended for the suppression of fusarium head blight in oats, rye and triticale. Additionally, a rationale supported the amendment of use directions related to aerial applications on barley and wheat when applied at currently registered rates of the tank mix with Miravis Era B. This tank mix combination with two modes of action may reduce the risk of resistance development in labelled plant pathogens and provide Canadian growers added flexibility and information with specified use directions for the management of fusarium head blight in the subject crops.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found it sufficient to support the following additions to the A19649 Fungicide label:

- Use directions for the suppression of fusarium head blight on oats, rye and triticales when A19649 Fungicide is applied at 0.5-0.625 L product/ha in a tank mix with Miravis Era B Fungicide at 0.4-0.5 L product/ha applied by ground application only.
- Use directions for aerial applications of the currently registered tank mix of A19649 Fungicide with Miravis Era B Fungicide for the management of labeled diseases on wheat and barley.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
3509227	2023, DACO 10 VALUE SUMMARY: Efficacy and crop response for aerial application on barley and wheat and suppression of Fusarium head blight species in oats, rye, and triticale with a mixture of A19649 Fungicide and Miravis Era B., DACO: 10.1,10.2.1,10.2.2,10.2.3.1,10.2.4,10.3.1,10.3.2,10.4,10.5,10.5.1,10.5.2,10.5.3,10.5.5

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