

## Evaluation Report for Category B, Subcategory 3.1, 3.11 Application

**Application Number:** 2019-5537  
**Application:** Changes to Product Labels; Rates and Pests.  
**Product:** Mettle 210 ME Fungicide  
**Registration Number:** 32042  
**Active ingredient (a.i.):** Tetraconazole  
**PMRA Document Number:** 3162873

### Purpose of Application

The purpose of this application was to add suppression of fusarium head blight and increase the application rate on wheat (durum, winter, and spring) and barley on the label of Mettle 210 ME Fungicide.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

A toxicological assessment was not required for this application.

The occupational exposure and risk from the addition of the suppression of fusarium head blight on wheat and barley, with its associated increase in application rate, was assessed. No risks of concern are expected from the new use provided that workers follow the label directions and wear the personal protective equipment identified on the label.

No new residue data for tetraconazole were submitted to support addition of a new pest at a higher application rate. Previously reviewed data were reassessed in the framework of the current submission and it was confirmed that the use of Mettle 210 ME Fungicide is not expected to result in an increase in the magnitude of tetraconazole residues in/on the treated crops. Therefore, the use of Mettle 210 ME Fungicide will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

### Environmental Assessment

An environmental assessment was not required for this application.

## **Value Assessment**

Four efficacy trials were submitted to support the addition of a claim of suppression of fusarium head blight on wheat and barley. The results demonstrated that Mettle 210 ME Fungicide can be expected to suppress fusarium head blight on wheat and barley when applied at 524 mL/ha. The addition of these claims to the label of Mettle 210 ME Fungicide will provide growers with an alternative product for use in an integrated pest management program to mitigate damage caused by fusarium head blight on wheat and barley.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to amend the label of Mettle 210 ME Fungicide to add suppression of fusarium head blight and increase the application rate on wheat (durum, winter, and spring) and barley.

## References

### PMRA

#### Document

Number	Reference
3036097	2019, Efficacy Summary for Zolera Fungicide for Suppression of Fusarium Head Blight in Wheat, DACO: 10.1,10.2.2,10.2.3.1,10.2.3.3(D)
3036099	2018, Efficacy of ARY--0415-008 on FHB, DACO: 10.2.3.3(D)
3036100	2018, Efficacy of ARY--0415-008 on FHB, DACO: 10.2.3.3(D)
3036101	2018, Efficacy of ARY--0415-008 on FHB, DACO: 10.2.3.3(D)
3036102	2013, 2013 Arysta LifeScience FHB Fungicide Trial University of Nebraska-Lincoln, DACO: 10.2.3.3(D)

© Her Majesty the Queen in Right of Canada, as represented by the Minister of Health Canada, 2020

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of Health Canada, Ottawa, Ontario K1A 0K9.