

## Evaluation Report for Category C, Subcategory 3.11 Application

**Application Number:** 2007-5448  
**Application:** New or Changes to Product Labels - New Pests  
**Product:** QUADRIS Flowable Fungicide  
**Registration Number:** 26153  
**Active ingredients (a.i.):** Azoxystrobin  
**PMRA Document Number :** 1919265

### Background

QUADRIS was first registered in Canada on May 5, 2000. It is currently registered for use in controlling disease in canola. TILT, the proposed tank mix partner, has been registered in Canada since April 23, 1986 and is currently recommended for control of a broad spectrum of fungal diseases in a number of Poaceae and Fabaceae crops. QUILT, a premix product of the two active ingredients in QUADRIS and TILT, is currently registered for use on cereals and legume vegetables. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the respective product label.

### Purpose of Application

The purpose of this C.3.11 submission is to add a label recommendation for a tank mix of QUADRIS Flowable Fungicide with TILT 250E Fungicide for use on wheat and barley for control of rust diseases.

### Chemistry Assessment, Health, and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since application rates for the new use are equal or lower to the previously registered rates.

## **Value Assessment**

Eleven field trials on the efficacy of QUILT, a pre-mixed product of the active ingredients in TILT and QUADRIS, were submitted in support of the tank-mix claim. For additional support of wheat leaf rust and stripe rust claims, publicly available results from six additional trials testing single applications of QUILT at 150 or 200 g ai/ha were also considered. Results from all of these field trials demonstrated significant disease control and thereby supported the proposed recommendation to tank-mix QUADRIS and TILT for the purpose of controlling leaf and stripe rusts in wheat and barley. For the claim of leaf rust control in barley, where supportive data were not submitted, the previously registered and equivalent claim on the TILT label was used as extrapolated support for the tank mix. There was no evidence of any phytotoxicity from the combined effect of the two active ingredients at the recommended rates. The supported use pattern in this application falls within current resistance management recommendations (FRAC) for azoxystrobin and propiconazole.

## **Conclusion**

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of QUADRIS Flowable Fungicide to include a recommendation to tank-mix the product with TILT 250E Fungicide with the purpose to control stripe and leaf rusts on wheat and barley.

## **Reference**

1453979      2007, Efficacy Summary - Rust Control on Wheat and Barley

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2010

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 the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.