

Evaluation Report for Category C, Subcategory 3.11 Application

Application Number: 2007-5466
Application: New or Changes to Product Labels - New Pests
Product: TILT 250EC Fungicide
Registration Number: 19346
Active ingredients (a.i.): Propiconazole
PMRA Document Number : 1608502

Background

TILT was first registered in Canada on April 23, 1986 and is currently recommended for control of a broad spectrum of fungal diseases in a number of Poaceae and Fabaceae crops. QUADRIS, the proposed tank mix partner, has been registered in Canada since May 5, 2000. It is currently registered for use in controlling disease in canola. QUILT, a premix product of the active ingredients in TILT and QUADRIS, 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 labels.

Purpose of Application

The purpose of this C.3.11 submission is to add a label recommendation for a tank mix of TILT 250E Fungicide with QUADRIS Flowable 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 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 support the proposed recommendation to tank-mix TILT and QUADRIS 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 recommendation (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 TILT 250EC Fungicide to include a recommendation to tank-mix the product with QUADRIS Flowable Fungicide for the purpose of controlling stripe and leaf rusts on wheat and barley.

Reference

1453979 2007, Efficacy Summary - Rust Control on Wheat and Barley, DACO: 10.1,10.2.2,
10.2.3.1,10.3.1,10.3.2

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services
Canada 2009

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.