



## Evaluation Report for Category C, Subcategory 3.10 Application

**Application Number:** 2006-7410  
**Application:** Category C, subcategory 3.10 (New or Changes to Product Labels-Tank Mixes)  
**Product:** Quilt Fungicide  
**Registration Number:** 28328  
**Active ingredients (a.i.):** Propiconazole at 125 g/L; Azoxystrobin at 75 g/L  
**PMRA Document Number:** 1405964

### Background

Quilt Fungicide was first registered on June 15, 2006. It is currently registered to control Asian soybean rust (*Phakopsora pachyrhizi*) on Crop Group 6, Legume vegetables including soybeans. 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 application to amend the Quilt Fungicide label to include 2 tank mixes: Quilt with Matador 120 EC Insecticide and Quilt with Warrior Insecticide. The proposed tank mix is for use on Crop Group 6 (legume vegetables including soybeans) for control of Asian soybean rust and Matador- or Warrior-labelled insect pests. The proposed tank mix rate for Quilt is the same as the currently registered rate (1.0-1.5 L/ha). The proposed application rate for Warrior Insecticide and Matador 120EC Insecticide in the tank mix is 83-233 ml/ha for control of soybean aphid on soybean and 83 ml/ha for the rest of the crops in Crop Group 6. A request to increase the application rate from 83 ml/ha (10 g ai/ha) to 233 ml/ha (28 g ai/ha) for Warrior Insecticide and Matador 120EC Insecticide was recently approved. This higher application rate is intended for the control of soybean aphid on soybean when insect pressure is high and is not expected to have a negative impact on the tank mix efficacy.

### Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. A health and environmental assessment was not required since the use pattern, including host crops, application rates and timing remained unchanged.

## **Value Assessment**

A rationale was submitted to support the addition of a tank mix of Quilt Fungicide with Matador Insecticide as well as Quilt Fungicide with Warrior Insecticide to the Quilt label. Quilt, Matador and Warrior are currently registered for the control of Asian soybean rust and insect pests on Crop Group 6, Legume Vegetables, including soybean. The current Quilt label does not contain any tank mixes. However, a related application for a proposed tank mix between Tilt, which contains propiconazole, one of the active ingredients in Quilt, and Matador Insecticide or Warrior Insecticide has been supported by the PMRA. Another related application for a tank mix of Quadris, which contains azoxystrobin, the other active ingredient in Quilt, and Matador or Warrior Insecticide was also supported by the PMRA. Since it has already been determined in these applications that there is no antagonism among these active ingredients, and since the rate and application directions are the same as the currently registered Quilt label, there is no reason to believe that control of Asian soybean rust will be negatively affected. Therefore, the proposed claims to add the tank mix with Matador and Warrior to the Quilt label is supported.

## **Conclusion**

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Quilt Fungicide to include the proposed tank mixture of Quilt with Matador 120EC Insecticide and Quilt with Warrior Insecticide.

## **References**

PMRA #1326443. Rationale to Support Tank Mix Application of Matador 250EC Insecticide with either Tilt 250E Fungicide, Quadris Flowable Fungicide, or Quilt Fungicide. Syngenta Crop Protection Canada, Inc. Oct 28, 2006. 3 pp.

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