

## Evaluation Report for Category C, Subcategory 3.10 Application

**Application Number:** 2006-7418  
**Application:** Category C, subcategory 3.10 (New or Changes to Product Labels-Tank Mixes)  
**Product:** Matador 120EC Insecticide  
**Registration Number:** 24984  
**Active ingredients (a.i.):** Cyhalothrin-Lambda (CYH)  
**PMRA Document Number:** 1406897

### Background

Matador 120EC Insecticide has been registered since April 30, 1997. It is registered to control soybean aphids, grasshoppers, cutworms, lygus bugs, corn borer, potato leafhopper and pea aphid on sweet corn, field corn and seed corn. 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 is to amend the Matador Insecticide label to include a tank mix with Quadris Flowable Fungicide. The proposed tank mix is for use field corn and sweet corn for control of common leaf rust (*Puccinia sorghi*) and Matador-labelled insect pests. The proposed tank mix rate for Quadris is the same as the currently registered rate (500 ml/ha). The proposed application rate for Matador Insecticide in the tank mix is 83 ml/ha.

### 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 Quadris Flowable Fungicide with Matador Insecticide to the Matador label. Quadris is registered for use on field and sweet corn for control of rust (*P. sorghi*). Matador Insecticide is registered for use on field corn and sweet corn and as a tank mixture with Quadris Flowable Fungicide for use on seed corn. The tank mixture with Quadris Flowable Fungicide has been shown to have no negative effect on disease (rust) or insect pest control on seed corn. Since the product application rates for seed

corn are the same as those being proposed for use on field corn and sweet corn it is expected that there would be no negative effect on efficacy when Matador Insecticide is tank mixed with Quadris Flowable Fungicide. Therefore, the claim to add a tank mix with Quadris to the Matador label for use on field corn and sweet corn is supported.

## **Conclusion**

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

## **References**

PMRA #1326519. Rationale to Support Tank Mix Application of Quadris Flowable Fungicide with either Matador 250EC Insecticide or Warrior Insecticide For Use on Field Corn and Sweet Corn. Syngenta Crop Protection Canada, Inc. Oct 30, 2006. 2 pp.

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