



Evaluation Report for Category C, Subcategory 3.10 Application

Application Number: 2006-7416
Application: Category C, subcategory 3.10 (New or Changes to Product Labels-Tank Mixes)
Product: Warrior Insecticide
Registration Number: 26837
Active ingredients (a.i.): Cyhalothrin-Lambda (CYH)
PMRA Document Number: 1406773

Background

Warrior Insecticide was first registered in October 18, 2001. 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 Warrior 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 Warrior-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 Warrior 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 Warrior Insecticide to the Warrior label. Quadris is registered for use on field and sweet corn for control of rust (*P. sorghi*). Warrior 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 Warrior Insecticide is tank mixed with Quadris Flowable Fungicide. Therefore, the claim to add a tank mix with Quadris to the Warrior 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 Warrior Insecticide to include the proposed tank mixture of Warrior 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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