



Evaluation Report for Category C, Subcategory 3.10 Application

Application Number: 2006-7419
Application: Category C, subcategory 3.10 (New or Changes to Product Labels-Tank Mixes)
Product: Quadris Flowable Fungicide
Registration Number: 26153
Active ingredients (a.i.): Azoxystrobin at 250 g/L
PMRA Document Number: 1406918

Background

Quadris Flowable Fungicide was first registered on May 19, 2000. It is currently registered to control diseases in canola, legume vegetables including soybeans, seed corn, potatoes, tomatoes, ginseng, hazelnuts, filberts, sugar beets, coriander, ferns of asparagus, spinach, sweet and field corn, carrots, radish, oriental radish, horseradish, rutabaga, turnip and garden beet. 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 Quadris Flowable Fungicide label to include 2 tank mixes: Quadris with Matador 120 EC Insecticide and Quadris with Warrior Insecticide. The proposed tank mix is for use field corn and sweet corn for control of common leaf rust (*Puccinia sorghi*) and Matador- or 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 Matador 120EC Insecticide and 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 Matador Insecticide as well as Quadris Flowable Fungicide with Warrior Insecticide to the Quadris label. Quadris is registered for use on field and sweet corn for control of rust (*P. sorghi*). Matador 120EC Insecticide and Warrior Insecticide are registered for use on field corn and sweet corn. A tank mixture of Quadris and Warrior or Matador is already registered for use on seed corn. This indicates that there is no antagonism between these tank mix partners. Since the proposed rate of the tank mix components is the same as the currently registered rate and the application directions are the same, it can be expected that disease and insect pest control in field and sweet corn will not be negatively affected. Therefore, the claim to add a tank mix with Matador or Warrior to the Quadris 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 Quadris Flowable Fungicide to include the proposed tank mixture of Quadris with Matador 120EC Insecticide and Quadris with Warrior Insecticide.

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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