



Evaluation Report for Category C, Subcategory 3.10 Application

Application Number: 2006-7411
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: 1406337

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 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 on Crop Group 6 (legume vegetables including soybeans) for control of Quadris-labelled diseases 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 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 Quadris Flowable Fungicide with Matador Insecticide as well as Quadris Flowable Fungicide with Warrior Insecticide to the Quadris label. Quadris, Matador and Warrior are currently registered for the control of certain diseases and insect pests on Crop Group 6, Legume Vegetables, including soybean. A tank mix of Quadris and Matador is already registered on seed corn only for the control of common leaf rust (*Puccinia sorghi*) and labelled insect pests. 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 (Quadris) or is similar (Matador and Warrior) and the application directions are the same, it can be expected that disease and insect pest control in Crop Group 6 will not be negatively affected. Therefore, the claim to add a tank mix with Matador or Warrior to the Quadris label for use on Crop Group 6 (legume vegetables including soybeans) is supported. This tank mix can be applied by ground application only.

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 #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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