

Evaluation Report for Category C, Subcategory 3.10 (tank mixtures) Application

Application Number: 2006-3440
Application: Evaluation Report for Category C, Subcategory 3.10 (tank mixtures)
Product: Tilt 250E Fungicide
Registration Number: 19346
Active ingredients (a.i.): Propiconazole (PON), guarantee of 250 g a.i./L
PMRA Document Number: 1375871

Background

Tilt 250 E Fungicide was first registered 23 April, 1986. It is registered to control foliar disease on: wheat, barley, oats, canola, corn, legume vegetables including soybeans, timothy hay, and for the suppression of septoria leaf mottle on canaryseed. For specific details of uses, diseases controlled, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

This application is for the registration of a tank mix of Tilt 250 E Fungicide plus Quadris Flowable Fungicide (Reg. No. 26153, active ingredient azoxystrobin) for control of Asian soybean rust on Crop Group 6 commodities and soybeans. The use pattern for this tank mix (application rate, timing and frequency of application) is the same as what is already registered on the Quilt Fungicide label (Reg. No. 28328, active ingredients azoxystrobin plus propiconazole).

The rationale behind this, registering a tank mix that is exactly that same as the pre-bundled product Quilt Fungicide, is to legalize a tank mixture. This gives a grower flexibility when they have an excess supply of both Tilt250E Fungicide and Quadris Flowable Fungicide remaining on-hand from previous fungicide applications, to tank mix them instead of having to return the remaining products to the supplier in exchange for Quilt Fungicide.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since the use pattern, including host crops, application rates and timings, of the component products remained unchanged.

Value Assessment

No efficacy data was submitted, just a written rationale on why the tank mix was requested, description of a physical compatibility test between Quadris Flowable Fungicide and Tilt 250E Fungicide, and labels for the three fungicides.

Based on the fact that (1) Quilt is a pre-formulation of Tilt 250E Fungicide plus Quadris Flowable Fungicide, (2) that the uses are for the same pests, and crops, (3) the application rates with respect to the quantity of active ingredient delivered for Tilt plus Quadris and are the same for Quilt Fungicide, and (4) there are no compatibility issues with tank mixing these two products as per the chemical compatibility test, the proposed tank mix can be supported as proposed.

Conclusions

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Tilt 250E Fungicide to include the proposed tank mixture of Tilt 250E Fungicide plus Quadris Flowable Fungicide for control of Asian soybean rust on Crop Group 6 commodities and soybeans.

References

N/A.

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