

Evaluation Report for Category C, Subcategory 3.1, 3.10 Application

Application Number: 2010-6245
Application: Category C, Subcategory C.3.1 [New or Changes to Product Labels-Application Rate Decrease], Subcategory C.3.10 [New or Changes to Product Labels-Tank Mixes]
Product: Scala SC Fungicide
Registration Number: 28011
Active ingredients (a.i.): Pyrimethanil [PYI]
PMRA Document Number English PDF: 2041331

Background

Scala SC was first registered in 2005. The following uses are currently registered: control of scab on apples and pears, storage diseases on apples, Botrytis bunch rot on grapes, Botrytis grey mould on strawberries, and early blight on potatoes.

Purpose of Application

The purpose of this category C submission is to add a tank mix to the label of Scala Fungicide for the control of scab on apples (*Venturia inaequalis*). The tank mix consists of the registered rate of Scala Fungicide for this use and a reduced rate of Dithane DG Rainshield NT Fungicide (Reg. no. 20553).

Chemistry, Health, and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environment assessments were not required since the use pattern, including host crop, application rates and timings, of the component product remained unchanged or the rate was decreased.

Value Assessment

A total of five efficacy trials were submitted and reviewed to support the proposed tank mix of Scala SC Fungicide and a reduced rate Dithane DG Rainshield NT Fungicide for control of scab on apples (*Venturia inaequalis*). The efficacy results demonstrated that the proposed tank mix controlled apple scab as well or significantly better than Scala SC applied alone. In addition, there is value in registering this tank mix to prevent resistance development. Apple scab is very susceptible to fungicide resistance; particularly single site modes of action of which pyrimethanil belongs. The tank mix with mancozeb, a multiple site mode of action fungicide, will help delay the possible development of monogenic target site resistance.

The submitted data supports the proposed tank mix of Scala SC Fungicide and Dithane DG Rainshield NT Fungicide to control scab (*Venturia inaequalis*) on apples. Additional general label amendments were made.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Scala SC Fungicide to include a tank mix option with Dithane DG Rainshield NT Fungicide to control scab (*Venturia inaequalis*) on apples.

References

PMRA Number

1998006 2010, Value Summary for the tankmix of Scala 400 SC Fungicide (400 g a.i./L pyrimethanil) + Mancozeb (75% w/w WG) for control of apple scab in apples. DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.2(D), 10.3, 10.3.1, 10.3.2(B)

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