

Evaluation Report for Category B, Subcategory 3.3 Application

Application Number: 2012-0420
Application: B.3.3 (Product labels - application number or frequency)
Product: Scala SC Greenhouse Fungicide
Registration Number: 29975
Active ingredients (a.i.): Pyrimethanil (PYI)
PMRA Document Number: 2177702

Purpose of Application

The purpose of this application was to amend the use pattern of Scala SC Greenhouse Fungicide to two applications instead of one to control grey mould (*Botrytis cinerea*) on greenhouse tomatoes.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicology assessment was not required for this application.

No new residue data for pyrimethanil on tomatoes were submitted to support the increase in the number of applications of this active ingredient on greenhouse tomatoes on the Scala SC Greenhouse Fungicide label. Previously submitted residue data for pyrimethanil on tomatoes were reassessed to support the amendment of the use pattern. In addition, processing data on treated tomatoes were reassessed to determine the potential for concentration of residues of pyrimethanil into processed commodities. The resulting pyrimethanil residues will be covered under the currently established MRL of 0.5 ppm in/on tomatoes and will not pose an unacceptable health risk to any segment of the population, including infants, children, adults and seniors.

The exposure and risk from an additional application of Scala SC Greenhouse Fungicide on greenhouse tomatoes were assessed, and no risks of concern were identified. No unacceptable risk is expected when workers follow the label directions and wear the personal protective equipment identified on the label.

Environmental Assessment

The proposed greenhouse use rate is lower than the maximum field use rate and application in greenhouses poses reduced environmental exposure. Consequently, no increase in environmental risk is expected from the proposed use.

The propose label is consistent with the currently registered label for the product and can adequately mitigate environmental concerns.

Value Assessment

The product Scala SC Greenhouse Fungicide was registered in 2011 based on the precedent product Scala SC Fungicide (Registration number 28011), which is registered for the control of grey mould on greenhouse tomatoes for 7 days with one application at 2 L/ha.

Based on the original data received in for Scala SC Fungicide, two applications of Scala SC Greenhouse Fungicide to control grey mould (*Botrytis cinerea*) on greenhouse tomatoes at the rate of 2 L/ha can be supported. The applicant has also requested a spray interval of 14 days. Scala SC Fungicide is registered for the same claim on field tomatoes with a spray interval of 7 – 14 days, where the shorter interval is intended for severe disease conditions. In a greenhouse environment, the product is likely to be sprayed when disease pressure is low to protect tomato fruit; therefore, the 14 day interval is deemed acceptable.

Conclusion

The PMRA has completed an assessment of available information and is able to support the amendment of the use pattern of Scala SC Greenhouse Fungicide to two applications, instead of one, to control grey mould (*Botrytis cinerea*) on greenhouse tomatoes.

References

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- 2154018 2012, Safety Assessment for Mixer/Loaders, Applicators and Reentry Workers During Use of Scala on Greenhouse Tomatoes, DACO: 5.1, 5.2
- 2154019 2010, SCALA SC Dislodgeable Foliar Residue on Greenhouse Cucumber, DACO: 5.9
- 719193 2003, Summary Report of Scala (400 g ai/L pyrimethanil) Fungicide for Use in Pome Fruit, Strawberries, Grapes, Stone Fruit, Onions, Potatoes and Tomatoes, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.2, 10.2.3.3, 10.2.3.4, 10.3.1, 10.3.2, 10.3.3, 10.4, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.6
- 763193 2003, Summary Report of Scala (400 g ai/L pyrimethanil) Fungicide for Use in Pome Fruit, Strawberries, Grapes, Stone Fruit, Onions, Potatoes and Tomatoes, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.2, 10.2.3.3, 10.2.3.4, 10.3.1, 10.3.2, 10.3.3, 10.4, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.6

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