

Evaluation Report for Category B, Subcategory B.3.13, 3.3, 3.6, 3.8 Application

Application Number: 2012-1870
Application: Changes to product label: precautions, application number or frequency, pre-harvest interval, re-entry interval
Product: Metconazole 50 WDG Fungicide
Registration Number: 30401
Active ingredients (a.i.): metconazole [GHA]
PMRA Document Number: **2209985**

Purpose of Application

The purpose of this application was to amend the pre-harvest intervals (PHI) for bushberries, re-entry intervals (REI) for all crops, application intervals for legumes, and the maximum number of applications that can be applied to bushberries on the Metconazole 50 WDG Fungicide label. Further amendments were also proposed for protective equipment and packaging.

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 were submitted to support the current request to amend the registered use pattern for bushberries of CSG 13-07B on the Metconazole 50 WDG Fungicide label. Previously reviewed residue trial data for metconazole on highbush blueberries were re-assessed in the context of the current petition. These data are adequate to support the proposed amendments to the registered use pattern for labelled bushberry crops on the Metconazole 50 WDG Fungicide label. As the same data used to support the original registration of metconazole in/on bushberries were also used to support the proposed amendments with the current petition, the dietary exposure is not expected to increase and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

An updated health risk assessment was conducted for chemical handlers, re-entry workers and bystanders. With revised precautions, no risks of concern were identified for the use of metconazole on canola, dry beans, field peas, chickpea, lentil, potato, and bushberries. However, water soluble packaging of Metconazole 50 WDG Fungicide is still required. No risks of concern are expected when workers follow the label direction and wear the personal protective equipment identified on the label.

Environmental Assessment

No additional environmental data were required to support the label amendments proposed by the applicant. Environmental exposure resulting from the current application is expected to be similar to that for existing registered uses. Environmental risks to non-target terrestrial and aquatic organisms resulting from the use of Metconazole 50 WDG Fungicide have been mitigated through adequate statements and buffer zones on the product label.

Value Assessment

The changes to the Metconazole 50 WDG Fungicide label to pre-harvest intervals for bushberries, re-entry intervals for all crops except potatoes, and spray intervals for legume crops will not affect efficacy. A maximum of three applications to bushberries is supported by efficacy data provided in a previous application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, Metconazole 50 WDG Fungicide, and has found the information sufficient to make the requested amendments to the product label.

References

PMRA

Number

Reference

1809040	2005, Study on the dermal penetration of 14C-BAS 555 F in BAS 555 00 F in rats, DACO: 5.8
1923820	2010, Occupational Exposure Summary for Metconazole 50 WDG Fungicide, DACO: 5.1
1923821	2010, Use Description and Scenario (Mixer/Loader/Applicator and Post-application) for Metconazole 50 WDG Fungicide and Tourney Fungicide, DACO: 5.2
1923828	2006, Dissipation of Dislodgeable Foliar Residues of Metconazole on Peach Leaves, DACO: 5.9
1924244	2007, Data Evaluation Record on Dissipation of Dislodgeable Foliar Residues of Metconazole on Peach Leaves, DACO: 12.5.5
2130632	2011, RE: Clarification Response for Metconazole 50 WDG Fungicide (Sub. No. 2010-2906) and Quash Fungicide (2010-2909), Assessment of Post-application Activities for Quash Fungicide.
2115788	Agricultural Reentry Task Force (ARTF). 2008. Data Submitted to Support Revision of Agricultural Transfer Coefficients. Submission #2006-0257.

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