

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2020-5900
Application: New or changes to labels - New Pests
Product: Proline 480 SC Foliar Fungicide
Registration Number: 28359
Active ingredients (a.i.): Prothioconazole
PMRA Document Number: 3228069

Background

Proline 480 SC Foliar Fungicide (Reg. No. 28359) contains 480 g prothioconazole/L and is currently registered for control or suppression of multiple species of *Ascomycetes*, *Basidiomycetes* and *Deuteromycetes* diseases on field crops, berry crops, cucurbits, and legumes. Registered rates range from 315 mL/ha to 420 mL/ha depending on the crop and target pest. Proline 480 SC Foliar Fungicide is labelled for use on lentil and chickpea with an application rate range of 315 - 420 mL/ha for control of ascochyta blight and white mould (lentil only).

Purpose of Application

The purpose of this submission is to add new diseases claims, including botrytis grey mould on chickpea and lentil and anthracnose on lentil to the Proline 480 SC Foliar Fungicide label.

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 crop, application rates and timings, of the component product remained unchanged.

Value Assessment

The applicant submitted results from efficacy trials and scientific rationales to support the claim against anthracnose on lentil and the claim against grey mould on chickpea and lentil. The submitted value information showed that Proline 480 SC Foliar Fungicide suppressed the proposed diseases on lentil and chickpea. This registration provides another tool to help growers manage lentil anthracnose, and in particular the Group 11 insensitive populations, as well as contributing to resistance management for grey mould as identified by grower groups.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, Proline 480 SC Foliar Fungicide, and has found the information sufficient to add the claims of suppression of anthracnose on lentil at 320 – 420 mL/ha and suppression of grey mould on lentil and chickpea at 420 mL/ha to the product label.

References

PMRA Reference

No.

- 738527 Prothioconazole 480 SC Fungicide for Control of Diseases in Pulse Crops, Cereal Crops, Canola and Rapeseed, Volume 4 - Chickpea, Lentil & Dry Bean, DACO: 10.1,10.2.1,10.2.2,10.2.3.1,10.2.3.3,10.3.1,10.3.2,10.3.3,10.4,10.5.1,10.5.2,10.5.3,10.5.4
- 3182351 2020, Value Assessment of Proline 480 SC Fungicide for Control of Anthracnose (*Colletotrichum lentis*) and Botrytis Grey Mould (*Botrytis cinerea*), DACO: 10.1,10.2,10.2.2,10.2.3.1,10.2.3.3(D)
- 3182352 2020, Value Assessment of Proline 480 SC Fungicide for Control of Anthracnose (*Colletotrichum lentis*) and Botrytis Grey Mould (*Botrytis cinerea*), DACO: 10.1,10.2,10.2.2,10.2.3.1,10.2.3.3(D)
- 3182354 2020, Value Assessment of Proline 480 SC Fungicide for Control of Anthracnose (*Colletotrichum lentis*) and Botrytis Grey Mould (*Botrytis cinerea*), DACO: 10.2.3.3(D)

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