



New Pests Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2020-5542
Application: New or Changes to Product Labels-New Pests
Product: Cotegra Fungicide
Registration Number: 32530
Active ingredients (a.i.): Boscalid, Prothioconazole
PMRA Document Number: 3225927

Background

Cotegra Fungicide is a broad spectrum, preventative, curative and eradicated fungicide, registered for control or suppression of white mould and several other diseases on dried beans and peas, chickpeas, lentils, soybeans, canola, rapeseed and oriental mustard. Cotegra is applied at rates between 0.6-1.0 L product/ha up to two times per year using ground or aerial application equipment.

Purpose of Application

The purpose of this application was to add claims to control ascochyta blight on chickpea and pod and stem blight on soybean to the label of Cotegra Fungicide. Cotegra Fungicide is proposed to be applied against these diseases at the same rate (0.7 L/ha), interval and developmental timings indicated for other chickpea and soybean diseases registered on the product label.

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 remained unchanged.

Value Assessment

The results of three chickpea field efficacy trials conducted in Saskatchewan and three suitable soybean field efficacy trials conducted in Quebec were submitted to support claims to control ascochyta blight on chickpea and pod and stem blight on soybean. When applied at a rate of 0.7 L/ha, the performance of Cotegra Fungicide was similar to or better than commercial standards registered to control ascochyta blight. Cotegra Fungicide applied as proposed reduced disease severity of pod and stem blight by 91%, on average. Aerial application was supported by the registered use pattern of Cotegra Fungicide or similar products on chickpea and soybean and the modes of action of Cotegra's active ingredients.

The proposed amendment will introduce two new active ingredients for use against pod and stem blight in Canada and will provide growers with a foliar fungicide product that manages pod and stem blight on soybean at the control level.

Conclusion

The PMRA has conducted an assessment of the subject application and has determined that the submitted information is adequate to add claims to control ascochyta blight on chickpea and pod and stem blight on soybean to the Cotegra Fungicide label.

References

PMRA #	Reference
3176107	2020, DACO 10 - Summary tables Research Trials, DACO: 10.2.3.1,10.3.1
3176108	2020, DACO 10 - Cotegra Fungicide Trial abstracts, DACO: 10.2.3.3(D), 10.3.2(B)

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