

## New Pests, Level of Control Evaluation Report for Category B, Subcategory B.3.11, B.3.9 Application

**Application Number:** 2021-6301  
**Application:** New or Changes to Product Labels- New Pests, Level of Control  
**Product:** Cotegra Fungicide  
**Registration Number:** 32530  
**Active ingredients (a.i.):** Boscalid 250 g/L, Prothioconazole 150 g/L  
**PMRA Document Number:** 3356847

### Background

Cotegra Fungicide was first registered on December 21<sup>st</sup>, 2016. Cotegra may be applied on beans, peas, chickpeas, lentils, soybeans, canola, rapeseed (*Brassica* spp.; *Brassica napus* L.) and oriental mustard (*Brassica juncea*) grown in the field to control or suppress white mold/sclerotinia stem rot (*Sclerotinia sclerotiorum*) and other important plant diseases using ground or aerial application equipment. For specific details of uses, application rates, methods, precautions, restrictions and personal protective equipment requirements refer to the product label.

### Purpose of Application

The purpose of this application was to amend the control level of the registered claims against white mould (*Sclerotinia sclerotiorum*) on lentil and mycosphaerella/ascochyta blight (*Mycosphaerella pinodes*, *Ascochyta pinodes*) on pea from ‘suppression’ to ‘control’ at a rate of 280 g a.i./ha. Also, the claim to suppress mycosphaerella / ascochyta blight on pea was proposed to be revised to control of the disease at a rate of 280 g a.i./ha or suppression of the disease at a rate of 240 g a.i./ha. Finally, a claim to suppress grey mould (*Botrytis cinerea*) on lentil and chickpea at a rate of 280 g a.i./ha was proposed. All proposed new or amended claims specify application of Cotegra Fungicide from the beginning of flowering or at the onset of disease symptoms up to two times per year on a 7 – 14 day reapplication interval by ground or aerial application equipment.

### 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 remained unchanged.

## **Value Assessment**

Reports of field, growth chamber and greenhouse efficacy trials and rationales collectively demonstrated that Cotegra applied at 280 g a.i./ha can be expected to control white mould on lentil and mycosphaerella / ascochyta blight on field pea, and to suppress grey mould on both lentil and chickpea. At the rate of 240 g a.i./ha, Cotegra can be expected to suppress mycosphaerella / ascochyta blight on field pea. In addition, the efficacy of Cotegra against these diseases was generally similar to that of treatments of other fungicide products that are registered to control or suppress these diseases.

The addition of these claims to the Cotegra label will expand the value of Cotegra to growers by allowing them to target several diseases simultaneously on lentil and chickpea. As Cotegra is an alternative to products containing strobilurins, a Resistance Group class to which resistance has developed in some pulse pathogen populations in Canada, the use of Cotegra against the targeted diseases on lentil, chickpea and pea may facilitate fungicide resistance management.

## **Conclusion**

The PMRA has conducted an assessment of the subject application and has determined that the submitted information is adequate to support claims to control white mould on lentil at 280 g a.i./ha, to control and suppress mycosphaerella / ascochyta blight on field pea at 280 g a.i./ha and 240 g a.i./ha, respectively, and to suppress grey mould on lentil and chickpea at 280 g a.i./ha. All claims were supported for application by ground and aerial equipment.

## References

PMRA #	Reference
3295520	2021, DACO 10 - Value Assessment - Cotegra Fungicide, DACO: 10.1
3295522	2021, DACO 10 - Trial Reports, DACO: 10.2.3.3(D),10.3.2(B)

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