

## Evaluation Report for Category B, Subcategory 3.12, 3.13 Application

**Application Number:** 2020-1637  
**Application:** Changes to Product Labels - New Site or Host; Precautions  
**Product:** A15457 Fungicide  
**Registration Number:** 31522  
**Active ingredient (a.i.):** Benzovindiflupyr  
**PMRA Document Number:** 3249598

### Purpose of Application

The purpose of this application was to amend the label of A15457 Fungicide to add the use on grasses grown for seed production, rice bean and Amur River grape, to add new precaution statements, and to revise the mixing, spraying and equipment clean-up instructions.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

A toxicological assessment was not required for this application.

Residue data for benzovindiflupyr in grasses grown for seed were submitted to support the use expansion of this active ingredient on the A15457 Fungicide label. Benzovindiflupyr was applied to grasses grown for seed at approximately the label rate, and harvested according to label directions. The trials were conducted in North American growing regions on cool season grasses. The use of benzovindiflupyr on grasses grown for seed does not constitute a health risk of concern for acute or chronic (non-cancer and cancer) dietary exposure (food and drinking water) to any segment of the population, including infants, children, adults and seniors. Sufficient crop residue data have been reviewed to determine that exposure to residues of benzovindiflupyr in livestock commodities (i.e., eggs, meat, meat byproducts and milk) used for human consumption will not increase, and no revisions to the MRLs currently established for benzovindiflupyr in livestock food commodities are required.

The addition of grasses grown for seed production, rice bean and Amur River grape to the label of A15457 Fungicide represents an expansion of the use pattern for the active ingredient benzovindiflupyr. Therefore, occupational exposure risk assessments were updated. No health risks of concern were identified provided that workers wear the appropriate personal protective equipment and follow all label directions.

## **Environmental Assessment**

The new uses are within the currently registered use pattern of the active ingredient, benzovindiflupyr, and therefore, no increase in exposure to the environment is expected when A15457 Fungicide is used according to label directions. The label includes the required environmental precautions and hazards statements.

## **Value Assessment**

The applicant submitted a scientific rationale to add a use on grasses grown for seed (timothy, annual ryegrass and perennial ryegrass) to the label of A15457 Fungicide. The rationale supported the claim that A15457 Fungicide applied at a rate of 0.3-0.75 L/ha provides control of stem rust on timothy as well as control of crown rust on annual ryegrass and perennial ryegrass. The registration of A15457 Fungicide would provide Canadian growers with an additional tool for control of these important diseases on grasses grown for seed.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the amendments to the registered label of A15457 Fungicide.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
3116116	2019, Efficacy Rationale, DACO: 10.1,10.2.3.1
3116119	2016, Benzovindiflupyr EC (A15457K) Magnitude of Residues in Grasses Grown for Seed, USA, 2015, DACO: 7.4.1

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