

Evaluation Report for Category B, Subcategory 3.1 and 3.2 Application

Application Number: 2015-3135
Application: Changes to product labels - Application rate increase or decrease and change to application timing.
Product: A15457 Fungicide
Registration Number: 31522
Active ingredients (a.i.): Benzovindiflupyr
PMRA Document Number : 2586734

Background

A15457 Fungicide (Registration Number 31522; guarantee 100 g/L benzovindiflupyr), previously known as Aprovia Fungicide, was first registered for use in Canada in June of 2015. A15457 Fungicide is used for broad-spectrum control or suppression of a variety of fungal pests in labeled fruit, vegetable and cereal crops, beans, corn and canola.

Purpose of Application

The purpose of this application was to amend the label of A15457 Fungicide to expand the application timing on cereal crops to include the stem elongation growth stage and to reduce the spray volume on cereal crops from a minimum of 200 L/ha to a minimum of 100 L/ha for ground application.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicology assessment was not required for this application.

Previously reviewed residue data from field and processing trials conducted in/on cereals were reassessed in the framework of this application. Based on this assessment, exposure to residues of benzovindiflupyr in/on cereal commodities treated according to the approved use directions for A15457 Fungicide will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors. Residues of benzovindiflupyr in/on treated crop commodities will be covered under the established MRLs of 1.5 ppm for barley and oats, and 0.1 ppm for rye, triticale and wheat (<http://pr-rp.hc-sc.gc.ca/mrl-lrm/index-eng.php>).

Environmental Assessment

The label amendments will not significantly increase environmental exposure

to benzofiniflupyr. It is not anticipate that there will be any increased risk to the environment from the slight change in application timing.

Value Assessment

In support of the expansion of the application timing and the reduction of the minimum spray volume for ground application on cereal crops, scientific rationales were provided. The performance of A15457 Fungicide is expected to be acceptable when applied during the stem elongation growth stage. The performance of A15457 Fungicide is also expected to be acceptable when applied with a minimum spray volume of 100 L/ha.

Conclusion

The PMRA has conducted a review of the available information and has determined that the label amendments can be supported.

References

PMRA Document Number	Reference
2550414	2015, Value Summary, DACO: 10.1, 10.2.3.1, 10.3.1, 10.3.2

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