

A15457 Fungicide Evaluation Report for Category B, Subcategory B.3.11 (New Pests), Application

Application Number: 2015-2563
Application: Category B Application, Subcategory B.3.11 (new pests)
Product: A15457 Fungicide
Registration Number: 31522
Active ingredients (a.i.): benzovindiflupyr (BZV)
PMRA Document Number : 2592660

Background

A15457 Fungicide has been registered since June 15th, 2015. When applied at a rate of 300-750 mL/ha, A15457 provides control or suppression of labeled diseases in: potatoes, sweet potatoes, dried shelled pea and beans (Crop Subgroup 6C), soybeans, fruiting vegetables (Crop Group 8-09), cucurbit vegetables (Crop Group 9), pome fruit (Crop Group 11-09), lowbush blueberries, small fruit vine climbing subgroup (Crop Subgroup 13-07F), wheat, barley, rye, oats, triticale, corn and rapeseed (Crop Subgroup 20A). For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this submission is to add a new disease claim, suppression of *Verticillium* wilt (*Verticillium dahliae*) for potatoes. For this claim the product is applied in furrow at a rate of 750 mL/ha.

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 crops, application rates and timings, of the component products remained unchanged.

Value Assessment

Value information was submitted in the form of efficacy data from three trials and yield data from four trials. Based on the results, the claim was considered acceptable. The addition of the claim of suppression of *Verticillium* wilt on potatoes to the A15457 label will provide growers with an additional tool to manage this disease.

Conclusions

The PMRA has completed an evaluation of the subject application and has found the information sufficient to support a claim of suppression of Verticillium wilt (*Verticillium dahliae*) on potatoes at 750 ml/ha.

References

A. LIST OF STUDIES/INFORMATION SUBMITTED BY REGISTRANT

| PMRA Document Number | Reference |
|----------------------|--|
| 2543179 | 2012, EVALUATION OF SOIL APPLICATIONS OF SOLATENOL FUNGICIDE FOR CONTROL OF SOILBORNE DISEASE IN POTATO, |
| 2543180 | 2012, Evaluation of soil applications of X4601 and X4602 for control of soilborne diseases of potato, DACO: 10.2.3.3 |
| 2543181 | 2012, EFFICACY OF IN-FURROW APPLICATIONS OF SOLATENOL FOR CONTROL OF SOIL-BORNE DISEASES, DACO: 10.2.3.3 |
| 2543182 | 2013, EVALUATION OF SOIL APPLICATIONS OF SOLATENOL FUNGICIDE FOR CONTROL OF SOILBORNE DISEASE IN POTATO, |
| 2543183 | 2012, A18126B potatoes: Evaluate as an in-furrow treatment for control of Rhizoctonia, DACO: 10.2.3.3 |
| 2543184 | 2013, Evaluate Solatenol fungicide for control of verticillium in potato., DACO: 10.2.3.3 |

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