

A15457 Fungicide

Evaluation Report for Category B, Subcategory B.3.1 (Application Rate Decrease) and B.3.9 (Level of Control), Application

Application Number: 2015-2630
Application: Category B Application, Subcategory B.3.1 (application rate decrease) and B.3.9 (level of control)
Product: A15457 Fungicide
Registration Number: 31522
Active ingredients (a.i.): benzovindiflupyr (BZV)
PMRA Document Number : 2622874

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 was to lower the minimum rate for five cereal crops, for a sub-set of the diseases on each of these crops. Within this subset of disease claims, some diseases were proposed for suppression at 300 ml/ha whilst others maintained the claim of control at 300 ml/ha. The product is intended for a maximum of two applications at a rate of 300-750 mL/ha with a minimum application interval of 14 days.

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

Value Assessment

Value information was submitted in the form of efficacy data and scientific rationales.

The following claims were supported as proposed: control of leaf rust (*Puccinia recondita*) on wheat at 300-750 ml/ha, control of stripe rust (*Puccinia striiformis*) on wheat at 300-750 ml/ha, control of stem rust (*Puccinia graminis*) on wheat at 300-750 ml/ha, suppression of net blotch (*Dreschlera teres*) on barley at 300 ml/ha, control of leaf rust (*Puccinia hordei*) on barley at 300-750 ml/ha, control of stem rust (*Puccinia graminis*) on barley at 300-750 ml/ha, control of stripe rust (*Puccinia striiformis*) on barley at 300-750 ml/ha, control of crown rust (*Puccinia coronata*) on barley at 300-750 ml/ha, suppression of net blotch (*Dreschlera teres*) on oats at 300 ml/ha, control of leaf rust (*Puccinia recondita*) on oats at 300-750 ml/ha, control of stem rust (*Puccinia graminis*) on oats at 300-750 ml/ha, control of crown rust (*Puccinia coronata*) on oats at 300-750 ml/ha, control of leaf rust (*Puccinia recondita*) on rye at 300-750 ml/ha, control of stem rust (*Puccinia graminis*) on rye at 300-750 ml/ha, control of stripe rust (*Puccinia striiformis*) on rye at 300-750 ml/ha and control of leaf rust (*Puccinia recondita*) on triticale at 300-750 ml/ha.

The following claims were supported with slight modifications: suppression of barley scald (*Rhynchosporium secalis*) on barley at 300 ml/ha and suppression of scald (*Rhynchosporium secalis*) on oats at 300 ml/ha.

A lower application rate on cereal crops, while maintaining control or suppression of certain diseases, will help reduce the amount of product applied to the environment.

Conclusions

The PMRA has completed an evaluation of the subject application and has found the information sufficient to support a reduction in the minimum application rate for the five labeled cereal crops.

References

A. LIST OF STUDIES/INFORMATION SUBMITTED BY REGISTRANT

PMRA Document Number	Reference
2544680	2014, Generate data for the registration of A15457B and A18993A for control of cereal leaf diseases., DACO: 10.2.3.3
2544681	2014, Evaluate activity of Syngenta fungicides for Septoria control in wheat., DACO: 10.2.3.3
2544682	2014, Evaluate positioning Solatenol fungicide for leaf disease control in wheat., DACO: 10.2.3.3
2544683	2014, Evaluate positioning Solatenol fungicide for leaf disease control in wheat., DACO: 10.2.3.3
2544684	2014, Evaluate positioning Solatenol fungicide for leaf disease control in wheat., DACO: 10.2.3.3
2544685	2011, Generate data for the registration of A15457B and A18993A for control of cereal leaf diseases., DACO: 10.2.3.3
2544686	2011, FDBA20 : SYN545192 solo formulation - Registration trials on barley against net blotch, DACO: 10.2.3.3

PMRA Document Number	Reference
2544687	2011, GEP SYN545192 solo formulation - Registration trials on barley against net blotch, rhyncho and rust, DACO: 10.2.3.3
2544688	2011, Generate data for the registration of A15457B and A18993A for control of cereal leaf diseases., DACO: 10.2.3.3
2544689	2010, SYN545192 solo formulation - Registration trials on barley against net blotch, rhyncho and rust, DACO: 10.2.3.3
2544690	2011, 'SYN545192 solo formulation - Registration trials on barley against net blotch, rhyncho and rust, DACO: 10.2.3.3
2544691	2011, Generate data for the registration of A15457B and A18993A for control of cereal leaf diseases., DACO: 10.2.3.3
2544692	2011, GEP SYN545192 solo formulation - Registration trials on barley against net blotch, rhyncho and rust, DACO: 10.2.3.3
2544693	2011, Generate data for the registration of 'Hambra' (SYN545192) for control of cereal leaf diseases., DACO:
2544694	2011, F529-Argentina Cebada Hambra -11, DACO: 10.2.3.3
2544695	2011, Generate data for the registration of 'Hambra' (SYN545192) for control of cereal leaf diseases., DACO:
2544696	2011, Generate data for the registration of A15457B and A18993A for control of cereal leaf diseases., DACO: 10.2.3.3
2544697	2011, Generate data for the registration of A15457B and A18993A for control of cereal leaf diseases., DACO: 10.2.3.3
2544698	2011, Generate data for the registration of A15457B and A18993A for control of cereal leaf diseases., DACO: 10.2.3.3
2544699	2011, Generate data for the registration of 'Hambra' (SYN545192) for control of cereal leaf diseases., DACO:
2544700	2012, Evaluate the effect of adjuvant rate on Solatenol performance in wheat, DACO: 10.2.3.3
2544701	2012, Evaluate the effect of adjuvant rate on Solatenol performance in wheat, DACO: 10.2.3.3
2544703	2013, Effect of Quilt and other fungicides for control of stripe rust in wheat

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