

Application Rate Decrease Evaluation Report for Category B, Subcategory 3.1 Application

Application Number: 2020-1050
Application: New or Changes to Product Labels-Application Rate Decrease
Product: A19649 Fungicide
Registration Number: 33018
Active ingredients (a.i.): Pydiflumetofen, 200 g/L
PMRA Document Number : 3133541

Background

A19649 Fungicide, first registered on May 24, 2018, is a broad spectrum, preventative fungicide registered for use on multiple crops, including crops within the Crop Subgroup 20A, Rapeseeds. It is registered to manage multiple diseases, including to control sclerotinia stem rot on Crop Subgroup 20A when applied once a year, during flowering, at an application rate of 200 g a.i./ha. 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 application rate for the control of sclerotinia stem rot on Crop Subgroup 20A, Rapeseeds from 200 g a.i./ha with 0.125% v/v non-ionic surfactant to a rate range of 150-200 g a.i./ha with 0.125% v/v non-ionic surfactant when applied to foliage using ground or aerial application equipment. The lower rate is intended for use under low to moderate disease pressures.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environment assessments were not required since the use pattern remained unchanged.

Value Assessment

Seven canola field efficacy trials and a scientific rationale were submitted to support a claim to control sclerotinia stem rot on Crop Subgroup 20A, Rapeseeds at an application rate range of 150-200 g a.i./ha, when applied with 0.125% v/v non-ionic surfactant, by ground or aerial equipment. Trial results showed that A19649 Fungicide applied at the lowest rate in the rate range, 150 g a.i./ha, with 0.125% v/v non-ionic surfactant, in the ground or aerial spray volume, reduced sclerotinia stem rot disease to levels consistent with a control claim. The submitted rationale supported extrapolation of canola trial results to all crops in Crop Subgroup 20A, Rapeseeds.

Infection with sclerotinia stem rot can reduce marketable yields of valuable Canadian crops such as canola and other rapeseeds. Registration of the rate range will allow users to apply A19649 Fungicide at 150 g a.i./ha when sclerotinia stem rot disease pressure is low to moderate.

Conclusion

The PMRA has conducted an assessment of the subject application and has determined that the submitted information is adequate to support a claim of control of sclerotinia on Crop Subgroup 20A, Rapeseeds at an application rate range of 150-200 g a.i./ha, when applied with 0.125% v/v non-ionic surfactant, by ground or aerial application equipment.

References

PMRA #	Reference
2569899	2014, CAN14-03 - Evaluate FUSHA LER for the control of Sclerotinia in canola, DACO: 10.2.3.3
2569900	2014, CAN14-04 - Evaluate FUSHA LER for the control of Sclerotinia in canola, DACO: 10.2.3.3
2569930	2013, CAN13-02 - Evaluate FUSHA LER for the control of Sclerotinia in canola, DACO: 10.2.3.3
2569931	2013, CAN13-03 - Evaluate FUSHA LER for the control of Sclerotinia in canola, DACO: 10.2.3.3
3103013	2020, Value Summary, DACO: 10.1
3103016	2013, Evaluate FUSHA LER for the control of Sclerotinia in canola, DACO: 10.2.3.3
3103017	2016, Evaluate Adepidyn (APN) and Exempla compared to competitive standards for the control of Sclerotinia in canola, DACO: 10.2.3.3
3103018	2016, Evaluate Adepidyn (APN) and Exempla compared to competitive standards for the control of Sclerotinia in canola, DACO: 10.2.3.3

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