

Level of Control, New Pests

Evaluation Report for Category B, Subcategory 3.9, 3.11 Application

Application Number: 2020-3197
Application: Level of Control, New Pests
Product: Saltro
Registration Number: 33643
Active ingredients (a.i.): Pydiflumetofen, 500 g/L
PMRA Document Number :3199327

Background

Saltro was first registered on August 5, 2020. Saltro is a seed treatment fungicide applied to soybean at 100 mL/100 kg seed to control sudden death syndrome and to crops in crop subgroup 20A (rapeseeds), including canola, for suppression of seed and air-borne blackleg when applied at 80 mL/100 kg seed. 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 application was to amend the registration of Saltro to include new and modified claims pertaining to blackleg disease for crop subgroup 20A when applied in accordance with labelled use directions.

Chemistry Assessment

A chemistry assessment was not required as there was no change to the product formulation.

Health and Environmental Assessment

Health and environmental assessments were not required as there was no change to host crops, application rates, methods, and timings.

Value Assessment

Efficacy data generated in six field trials and five greenhouse trials conducted on canola demonstrated that Saltro applied to seed at the labelled rate can be expected to control cotyledon blight and early leaf blight caused by the blackleg pathogen as well as suppress stem infection by the same pathogen later in the season. The labelling of these claims more fully characterizes the way in which infection by the blackleg pathogen is managed by Saltro. The data generated on canola is supportive of extending these claims to other crops in the rapeseed subgroup since a claim of suppression of blackleg was already labelled for these crops.

Conclusion

The PMRA has conducted an assessment of the subject application and has determined that the submitted information is adequate to support claims of control of cotyledon blight and early leaf blight, and suppression of late season stem infection caused by the blackleg pathogen for Saltro applied at 80 mL/100 kg seed.

References

List of Studies/Information Submitted by Registrant

Value Assessment

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| 3140884 | Assessing the effectiveness of seed applied SYN545974 for the control of blackleg in Canola in Australia. Report (Trial) Number AUDL0T0032016. 2016, DACO: 10.2.3.3 |
| 3140885 | Assessing the effectiveness of seed applied SYN545974 for the control of blackleg in Canola in Australia. Report (Trial) Number AUDL0T0022016. 2016, DACO: 10.2.3.3 |
| 3140886 | APN Canola Efficacy 2017 AU, Report (Trial) Number AUGS0T0132017. DACO: 10.2.3.3 |
| 3140887 | APN Canola Efficacy 2017 AU. Report (Trial) Number AUAT0T0022017, DACO: 10.2.3.3 |
| 3140888 | Determine the lowest effective rate (LER) of seed applied Adepidyn (APN, A21972C) for the control of airborne blackleg in canola. Trial ID CAMB0722019. 2019, DACO: 10.2.3.3 |
| 3140889 | Evaluation of competitor offers against Phoma lingam on OSR2019, Lab Trial 1932. 2019, DACO: 10.2.3.3 |
| 3140903 | Assessing the effectiveness of seed applied SYN545974 for the control of blackleg in Canola in Australia. Report (Trial) Number AUDL0T0172016. 2016, DACO: 10.2.3.3 |
| 3140904 | Proceedings of Plant Canada 2019. Saltro™: a SDHI seed applied fungicide for early control of blackleg in canola. Page 305. DACO: 10.6 |
| 3140905 | Saltro™: a SDHI seed applied fungicide for early control of blackleg in canola. 2019, DACO: 10.6 |
| 3188266 | Saltro™: a SDHI seed applied fungicide for early control of blackleg in canola. 2019, DACO: 10.6 |

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