

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2021-1235
Application: New Pests
Product: Saltro
Registration Number: 33643
Active ingredients (a.i.): Pydiflumetofen
PMRA Document Number: 3253369

Background

Saltro was first registered August 5, 2020. Saltro, containing pydiflumetofen at 500 g/L, is a seed treatment product registered to manage certain diseases on soybeans and crops within crop subgroup 20A (rapeseeds). On soybean, Saltro is registered at 100 mL product/100 kg seed to control early season infection by the pathogen that causes sudden death syndrome. 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 add a claim of suppression of soybean cyst nematode on soybean for Saltro 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 the host crops, application rates, methods, and timings.

Value Assessment

Data from three greenhouse trials and seven field trials collectively demonstrated that Saltro applied at 100 mL product/100 kg seed suppresses soybean cyst nematode on soybean. The addition of this claim to the label of Saltro will provide growers with an alternative seed treatment product to manage soybean cyst nematodes.

Conclusion

The PMRA has completed an assessment of the subject application and has concluded that the submitted information is adequate to support a claim to suppress soybean cyst nematode on soybean at 100 mL product/100 kg seed.

References

- 3140894 2018, A22417B Efficacy Trial - Soybean - Soybean Cyst Nematode Canada 2018, DACO: 10.2.3.3
- 3140895 2018, A22417B Efficacy Trial - Soybean - Soybean Cyst Nematode - Canada 2018, DACO: 10.2.3.3
- 3140901 2018, A22417B Efficacy Trial - Soybean - Soybean Cyst Nematode - United States 2018, DACO: 10.2.3.3
- 3140902 2018, A22417B Efficacy Trial - Soybean - Soybean Cyst Nematode - United States 2018, DACO: 10.2.3.3
- 3213201 2019, Evaluate Efficacy of Adepidyn for Control of Soybean Cyst Nematode in Soybeans in CA 2019, DACO: 10.2.3.3
- 3213202 2019, Evaluate Efficacy of Adepidyn for Control of Soybean Cyst Nematode in Soybeans in CA 2019, DACO: 10.2.3.3
- 3213203 2019, Evaluate Efficacy of Adepidyn for Control of Soybean Cyst Nematode in Soybeans in CA 2019, DACO: 10.2.3.3
- 3213206 2021, Nematicide - Development Support - 2021 US, Canada Saltro Registration Trials, Trial 1, DACO: 10.2.3.3
- 3213207 2021, Nematicide - Development Support - 2021 US, Canada Saltro Registration Trials, Trial 2, DACO: 10.2.3.3
- 3213208 2021, Nematicide - Development Support - 2021 US, Canada Saltro Registration Trials, Trial 3 (Stanton treated seed), DACO: 10.2.3.3

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