



Evaluation Report for Category B, Subcategory 3.12, 3.5, 3.6 Application

Application Number: 2022-0501
Application: Changes to Product Labels – New Site or Host, Rotational Crops, Pre-Harvest Interval
Product: Reflex Liquid Herbicide
Registration Number: 24779
Active ingredient (a.i.): Fomesafen (present as sodium salt)
PMRA Document Number: 3444998

Purpose of Application

The purpose of this application was to amend the label of the end-use product Reflex Liquid Herbicide by expanding the use on soybeans from the Red River Valley of Manitoba only to all of Manitoba, adding oats, field peas, canola, and sunflower as rotational crops, and adding a pre-harvest interval for lima beans.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

No new residue data for fomesafen in soybeans or lima beans were submitted or required to support the amendments to the label of Reflex Liquid Herbicide. Previously reviewed residue data from field trials conducted in/on lima beans, snap beans, common beans, and soybeans were reassessed in the framework of this application. No increase in fomesafen residue levels in/on soybean or lima bean food commodities are expected and established maximum residue limits (MRLs) for fomesafen are acceptable to cover the registered uses. No dietary health risks of concern have been identified for any segment of the population, including infants, children, adults and seniors.

Toxicology and occupational exposure assessments were not required for this application.

Environmental Assessment

Expanding Reflex Liquid Herbicide's treatment area from the Red River Valley only to all of Manitoba for soybeans will not pose any additional risks to the environment. When used according to label directions, the environmental risks are acceptable for Reflex Liquid Herbicide.

Value Assessment

Value information consisted of scientific rationales and field trial data generated outside of the Red River Valley region of Manitoba. This information collectively supported the expansion of registered efficacy and soybean tolerance claims from the Red River Valley to the remainder of Manitoba for Reflex Liquid Herbicide applied at 0.58 L/ha. The information demonstrates that listed rotational crops can be safely planted to fields previously treated with Reflex Liquid Herbicide at 0.58 L/ha provided that the minimum rotational crop interval is observed.

The expansion of the use pattern of Reflex Liquid Herbicide to include all of Manitoba provides soybean growers who are located outside of the Red River Valley region an additional option to manage problematic weeds, especially volunteer canola. The labelling of additional rotational crops provides Manitoba farmers who use Reflex Liquid Herbicide additional flexibility in crop rotation planning.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the amendment of the Reflex Liquid Herbicide product label.

References

PMRA Document Number	Reference
3317142	2021, Value summary for Reflex Liquid Herbicide in Soybean, DACO: 10.1,10.2.1,10.2.3.1,10.2.4,10.3.1,10.3.2,10.3.3,10.4,10.5.1,10.5.2,10.5.3, 10.5.4
3317144	2020, Initiate Fomesafen Recrop (Year 1) for Plant Back in Year 2 (2020) Outside the Red River Valley in Manitoba, DACO: 10.2.3.3
3317145	2020, Initiate Fomesafen Recrop (Year 1) for Plant Back in Year 2 (2020) Outside the Red River Valley in Manitoba, DACO: 10.2.3.3
3317146	2020, Initiate Fomesafen Recrop (Year 1) for Plant Back in Year 2 (2020) Outside the Red River Valley in Manitoba, DACO: 10.2.3.3
3317147	2020, Initiate Fomesafen Recrop (Year 1) for Plant Back in Year 2 (2020) Outside the Red River Valley in Manitoba, DACO: 10.2.3.3

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