Health Canada Santé Canada

Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2017-1889
Application: Changes to Product Labels – New Site or Host
Product: GoldWing Herbicide
Registration Number: 32112
Active ingredients (a.i.): MCPA (present as esters) and pyraflufen-ethyl
PMRA Document Number: 2870451

Purpose of Application

The purpose of this application was to add flax as a host crop to the product label for GoldWing Herbicide.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

The occupational exposure and risk from the addition of the use on flax to the GoldWing Herbicide label was assessed. No health risks of concern are expected from the use, provided that workers follow the label directions and wear the personal protective equipment identified on the label.

Previously reviewed residue data for MCPA, present as esters, and pyraflufen-ethyl were considered in the context of this application to add flax as a host crop on the product label of GoldWing Herbicide. The established MRLs in/on flaxseeds for pyraflufen-ethyl and metabolite E-1, and for (4-chloro-2-methylphenoxy)acetic acid (MCPA), both at 0.01 ppm, are adequate to cover the expected residues resulting from the use. No health risks of concern were identified for any segment of the population, including infants, children, adults and seniors.

A toxicology assessment was not required for this application.

Environmental Assessment

The environmental assessment of GoldWing Herbicide indicates that the addition of flax to the current label, at the registered rate, will not result in concerns from an environmental perspective. The mitigation measures, ie., buffer zones and hazard statements, are adequate for aquatic habitats, and terrestrial buffer zones will remain at 2m.

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Value Assessment

The expansion of the registration of GoldWing Herbicide to include flax as a host crop will provide Canadian growers with another option to control broadleaf weeds, especially volunteer canola, in flax prior to seeding or post seeding prior to emergence.

Value information submitted for review consisted of a scientific rationale and data from small-plot replicated field trials, which were conducted in the Canadian Prairies in 2016. The value information demonstrated that flax can be expected to have an adequate margin of crop tolerance to GoldWing Herbicide applied in accordance with the label instructions.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the available information and has found it sufficient to support the addition of flax to the product label for GoldWing Herbicide.

References

PMRA Document Number	References
1913109	2009, Agricultural Handler Exposure Scenario Monograph: Open Cab Groundboom Application of Liquid Sprays, Report Number AHE1004, DACO: 5.3, 5.4.
2572745	2015, Agricultural Handler Exposure Scenario Monograph: Open Pour Mixing and Loading of Liquid Formulations, Report Number AHE1003-1, DACO: 5.3, 5.4.
2763007	2017, Evaluate the crop safety of GoldWing Herbicide in a pre-seed or pre-emergent application in flax, DACO: 10.3.2(A).
2445453	2014, A rationale based on trial data to support the use of GoldWing Herbicide (pyraflufen-ethyl + MCPA ethyl-hexyl ester) for broadleaf weed control in a pre-seeding application, DACO: 10.2.2, 10.2.3.1, and 10.2.3.3.

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