

Evaluation Report for Category B, Subcategory 3.5, 3.10, 3.11 Application

Application Number: 2017-1063
Application: Changes to End-Use Product Label – Rotational Crops/Plant-back Interval, Tank Mixes and New Pests
Product: Everest 2.0 Herbicide
Registration Number: 30342
Active ingredient (a.i.): flucarbazone (present as flucarbazone-sodium)
PMRA Document Number : 2850599

Purpose of Application

The purpose of this application was to amend the label of Everest 2.0 Herbicide to add new pests, two new rotational crops and new tank mix partners.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicology assessment was not required for this application.

The addition of new pests, rotational crops and tank-mix partners on the Everest 2.0 Herbicide label is not expected to result in potential occupational or bystander exposure over the registered use of flucarbazone, present as flucarbazone-sodium. No health risks of concern are expected when workers follow the label directions and wear the personal protective equipment as stated on the label.

No residue data for flucarbazone, present as flucarbazone-sodium were submitted to support the use expansion of this active on the Everest 2.0 Herbicide label. The use expansion is to add new weeds, to include Enforcer D as a new tank mix partner, and to add soybeans and sunflowers as rotational crops. Previously reviewed residue data were considered in the context of the current submission.

The use expansion of Everest 2.0 Herbicide will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

No additional risk to the environment is expected from the addition of new pests, tank-mix partners, and rotational crops to the Everest 2.0 Herbicide label.

Value Assessment

Yellow foxtail, barnyard grass and wild buckwheat are agronomically important weeds that can be problematic for wheat producers. The availability of another herbicide option like Everest 2.0 Herbicide to control these weeds will be of value to wheat growers in western Canada. Furthermore, having an Everest 2.0 Herbicide label that supports soybean and sunflower as rotational crops would be of value to wheat growers in the dark brown and black soil zones of western Canada as it will provide flexibility for herbicide re-crop management.

Scientific rationales and field trial data submitted for review demonstrated that:

- yellow foxtail, barnyard grass and wild buckwheat would be expected to be suppressed by Everest 2.0 Herbicide when applied at 25 or 30 g a.i./ha;
- yellow foxtail and barnyard grass would be expected to be controlled by Everest 2.0 Herbicide at 20 or 25 g a.i./ha + Inferno WDG Herbicide at 7.5 g a.i./ha; and
- soybean and sunflower would be expected to have an adequate margin of crop tolerance to Everest 2.0 Herbicide applied at labelled rates when planted on dark brown and black soil zones 11 months following application.

The inclusion of Enforce D Herbicide as a tank mix partner on the Everest 2.0 Herbicide label is supported since the use direction for the tank mix is consistent with that registered for each of the tank mix components.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found the information sufficient to support the amendment of the label for Everest 2.0 Herbicide to add new pests, two new rotational crops and new tank mix partners.

References

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