

Everest 3.0

Evaluation Report for Category B Streamlined, Subcategory 3.10 and 3.11 Application

Application Number: 2017-1525
Application: Category B, Subcategory 3.10 and 3.11 Application (new or changes to product labels – tank mixes and new pests)
Product: Everest 3.0
Registration Number: Reg. No. 32602
Active ingredient (a.i.): flucarbazone-sodium [FLS]
PMRA Document Number: 2792169

Background

Everest 3.0 formulated with 210 grams g/L of flucarbazone-sodium is registered for the post-emergence control of wild oats, green foxtail, tame oats, Japanese brome, volunteer canola, redroot pigweed, wild mustard, stinkweed, green smartweed and shepherd's purse in wheat (spring, durum and winter) grown in the Prairie Provinces and interior of British Columbia (including the Peace River region). For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purposes of Application

The purposes of this application were to amend the registration of Everest 3.0 to include the following:

1. add suppression of yellow foxtail, barnyard grass and wild buckwheat to the Everest 3.0 label when Everest 3.0 is applied at registered rates of 119 and 144 mL/ha (25 g ai/ha and 30 g ai/ha),
2. add control of yellow foxtail and barnyard grass to the Everest 3.0 label when Everest 3.0 is applied at registered rates of 95 and 119 mL/ha (20 g ai/ha and 25 g ai/ha) when tank mixed with Inferno WDG Herbicide or Express Pack (tribenuron methyl) at 7.5 g ai/ha, and
3. add a tank mix with Enforcer D Herbicide.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and Environmental assessments were not required since the use pattern, including host crops, application rates and timings of the component products remain unchanged.

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 3.0 Herbicide to control these weeds will be of value to wheat growers in western Canada.

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

1. yellow foxtail, barnyard grass and wild buckwheat would be expected to be suppressed by Everest 3.0 when applied at 25 or 30 g ai/ha, and
2. yellow foxtail and barnyard grass would be expected to be controlled by Everest 3.0 at 20 or 25 g ai/ha + Inferno WDG Herbicide at 7.5 g ai/ha.

The inclusion of Enforce D Herbicide as a tank mix partner on the Everest 3.0 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 PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Everest 3.0 to include the requested label claims.

References

PMRA Doc Number	Reference
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2734870	2005, Everest Efficacy as affected by AMS, UAN and Various Adjuvants, DACO: 10.2.3.3 CBI
2734871	2005, Everest Efficacy as affected by AMS, UAN and Various Adjuvants, DACO: 10.2.3.3
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2734900	2015, Everest 3.0 concept testing, DACO: 10.3.2(A)
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