

New or Changes to Product Labels - Application Rate Increase Evaluation Report for Category B, Subcategory B. 3.1 Application

Application Number: 2006-0151
Application: Category B, Subcategory B. 3.1. (New or Changes to Product Labels - Application Rate Increase)
Product: Everest 70 WDG Herbicide
Registration Number: 26447
Active ingredients (A.I.): flucarbazone at a concentration of 66%
PMRA Document Number: 1402862

Background

Everest 70 WDG is registered as a post-emergence herbicide for control of wild oats, green foxtail and labelled broadleaf weeds in spring and durum wheat in the prairie provinces and Peace River region of British Columbia. Everest 70 WDG in combination with 23 broadleaf weed herbicides are labelled for spring wheat and with 4 broadleaf weed herbicides are labelled for durum wheat. 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 is to amend the registration of Everest 70 WDG to include:

(1) an application rate of 15 g a.i./ha of Everest 70WDG in combination with 18 broadleaf weed herbicide tankmix partners for control of green foxtail in spring wheat and 2 broadleaf weed herbicide tankmix partners for control of green foxtail in durum wheat. The same tankmixes are presently registered for control of wild oat and green foxtail at an application rate of 30 g a.i./ha of Everest 70 WDG.

(2) an application rate of 30 g a.i./ha of Everest 70 WDG (alone treatment) for control of wild oat populations in excess of 100 plants/m² in spring and durum wheat. An application rate of 20 g a.i./ha of Everest 70 WDG is presently registered for wild oat control. Differentiation of the application rates (20 g a.i./ha and 30 g a.i./ha) are based on wild oat weed density. The application rate of 20 g a.i./ha of Everest 70 WDG is recommended when wild oat densities are less than 100 plants/m² and the application rate of 30 g a.i./ha of Everest 70 WDG is recommended when wild oat densities are greater than 100 plants/m².

Chemistry Assessment

A chemistry assessment was not required as there was no change to product chemistry.

Health Assessments

A health assessment was not required as there was no change to the product formulation and use pattern.

Environmental Assessment

An environmental assessment was not required as the use rate for Everest 70 WDG component of the requested tankmixes is lower than the presently registered rate and as the use rate for Everest 70 WDG alone treatment is presently registered for Everest 70 WDG component of the labelled tankmixes.

Value Assessment

To support the claim of green foxtail control with the application of 15 g a.i./ha of Everest 70 WDG in combination with broadleaf weed herbicides, data from 29 trials conducted over 6 years in western Canada and North Dakota were submitted for review. Fourteen of the 18 requested tankmix combinations were assessed for green foxtail control. Data confirmed that 15 g a.i./ha of Everest 70 WDG plus the 14 broadleaf weed herbicides provided acceptable level of green foxtail control. Other 4 tankmixes, for which data were not submitted, were also acceptable for the claim of green foxtail control as data from the same chemical groups have been shown not to reduce the herbicide activity of Everest 70 WDG.

To support the claim of wild oat control with the application of 20 or 30 g a.i./ha of Everest 70 WDG (alone treatment) based on weed densities, data from 43 trials conducted over 7 years in western Canada and north U.S. states were submitted for review. The application rate of Everest 70 WDG at 20 g a.i./ha controlled wild oat populations of less than 100 plants/m² and the application rate of Everest 70 WDG at 30 g a.i./ha controlled wild oat populations of greater than 100 plants/m².

Crop safety data were not required since there was no change to maximum application rate for Everest 70 WDG and no new tankmixes were requested.

Conclusion

The Agency has completed an assessment of the subject application and has found the information sufficient to amend the registration of Everest 70 WDG to include (1) an application rate of 15 g a.i./ha of Everest 70WDG in combination with 18 broadleaf weed herbicide tankmix partners for the control of green foxtail in spring wheat and 2 broadleaf weed herbicide tankmix partners for the control of green foxtail in durum wheat and (2) an application rate of 30 g a.i./ha of Everest 70 WDG (alone treatment) for control of wild oat populations in excess of 100 plants/m² in spring and durum wheat.

References

List of Studies/Information Submitted by Registrant

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- PMRA # 1116242: Trial Report # 2 (575-2000-1079), Bayer CropSciences, 2000. DACO 10.2.3.3.
- PMRA # 1116243: Trial Report # 3 (PMA 2001-1318), Bayer CropSciences, 2001. DACO 10.2.3.3.
- PMRA # 1116244: Trial Report # 4 (554-2001-00615), Bayer CropSciences, 2001. DACO 10.2.3.3.
- PMRA # 1116245: Trial Report # 5 (575-2001-01020), Bayer CropSciences, 2001. DACO 10.2.3.3.
- PMRA # 1116246: Trial Report # 6 (PMA-2001-01322), Bayer CropSciences, 2001. DACO 10.2.3.3.
- PMRA # 1116247: Trial Report # 7 (555-2001-00809), Bayer CropSciences, 2001. DACO 10.2.3.3.
- PMRA # 1116248: Trial Report # 8 (575-2000-01034), Bayer CropSciences, 2001. DACO 10.2.3.3.
- PMRA # 1116249: Trial Report # 9 (575-2000-01080), Bayer CropSciences, 2000. DACO 10.2.3.3.
- PMRA # 1116250: Trial Report # 10 (PMA-2000-01327), Bayer CropSciences, 2000. DACO 10.2.3.3.
- PMRA # 1116251: Trial Report # 11 (PMA-2000-01328), Bayer CropSciences, 2000. DACO 10.2.3.3.
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- PMRA # 1116253: Trial Report # 13 (554-2001-00617), Bayer CropSciences, 2001. DACO 10.2.3.3.
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