

Evaluation Report for Category C, Subcategory C.3.11 Application (*New or changes to product labels -New Pests*)

Application Number: 2006-2397
Application: Evaluation Report for Category C, Subcategory C.3.11
Application (*New or changes to product labels -New Pests*)
Product: Dividend XL Seed Treatment Fungicide
Registration Number: 25778
Active ingredients (a.i.): Difenoconazole (DFZ) and Metalaxyl-M (MFN), guarantee of
16.5% DFZ and 1.38% MFN
PMRA Document Number: 1372961

Background

Dividend XL Seed Treatment Fungicide was first registered December 22, 1998. It is registered to control seed and soil-borne diseases in cereals. For specific details of uses, diseases controlled, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

This application is to amend the registration of Dividend XL Seed Treatment Fungicide to add the disease claim for damping-off caused by *Fusarium spp* on all cereal crops including oats, rye, corn and triticale. The product was originally registered with a claim for control of damping-off caused by *Fusarium spp* on wheat and barley only.

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 remained unchanged.

Value Assessment

No data were included with this submission. A rationale was previously provided which argued that control of a pathogen on one (cereal) crop species can be expected to provide similar control on another crop species, because the control targets the pest and not the other crop species. This was accepted for the claim of damping-off caused by *Fusarium* for these crops. As a result, the claim for control of damping-off caused by *Fusarium* can also be added to the crops of oats, rye, triticale and corn which belong to Crop Group 15: Cereal Grains. The same registered rate for spring and winter wheat and barley can be used for oats, rye, triticale and corn.

Conclusions

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Dividend XL Seed Treatment Fungicide to add the disease claim for damping-off caused by *Fusarium spp* on all cereal crops including oats, rye, corn and triticale.

References

- 7.6.1 PMRA #1134225. Rationale for inclusion of all crop species in crop group 15. Letter from University of Guelph and AAFC researchers. Included in Efficacy Summary DACO 10.2.3.1-1. Syngenta Crop Protection Canada, Inc. date: 3-Feb-2006.

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