



Evaluation Report for Category C, Subcategory 3.10 Application

Application Number: 2009-3747
Application: New or Changes to Product Labels-Tank Mixes
Product: STRATEGO 250EC Fungicide
Registration Number: 27528
Active ingredients (a.i.): propiconazole, trifloxystrobin
PMRA Document Number : 1871760

Background

STRATEGO 250EC Fungicide was first registered in Canada on January 29, 2004. It is currently registered for use in controlling numerous foliar diseases on wheat, spring barley, and oats. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the respective product labels.

Purpose of Application

The purpose of this application is to add directions on the STRATEGO 250EC Fungicide label for two different tank-mixes with herbicides. The first tank mix consists of STRATEGO 250EC Fungicide with PUMA ADVANCE Herbicide and INFINITY Herbicide for use on spring wheat in the prairie provinces and Peace River region of British Columbia. The second tank mix consists of STRATEGO 250EC Fungicide with INFINITY Herbicide only for use on spring and winter wheat. In both tank mixes, all of the components will be used at rates currently labelled for solo applications.

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 application rates for the new use are equal or lower to the previously registered rates.

Value Assessment

Four fungicide efficacy trials conducted in Ontario in 2008, where disease pressure was low to heavy, were submitted in support of the fungicidal component of the proposed tank-mixes. These trials, along with a submitted rationale provided scientifically sound evidence that the tank mix would reasonably not be expected to lead to any adverse effects such as antagonism or phytotoxicity. In addition, the proposed use patterns fall within the currently registered directions for STRATEGO 250EC Fungicide (re: diseases, crops, rates and timing). The

herbicide efficacy data submitted for review supported the efficacy of the proposed tank mixes on labeled weeds. The data also demonstrated acceptable crop injury to spring wheat. Both proposed tank mixes are acceptable for use on spring wheat, and the use of STRATEGO 250EC Fungicide + INFINITY Herbicide on winter wheat is also acceptable.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of STRATEGO 250EC Fungicide to include recommendations for two tank mixes, one with INFINITY Herbicide, for use on spring and winter wheat, and the other with PUMA ADVANCE Herbicide, for use on spring wheat in the prairie provinces and Peace River region of British Columbia.

References

PMRA # 1803324. Data to Support a Tank-mixture with Infinity Herbicide for Combined Leaf Disease and Broadleaf Weed Control in Spring and Winter Wheat. Bayer CropScience. 2009. 226pp.

PMRA # 1803329. Data to Support a Tank-mixture with Infinity and Puma Advance Herbicides for Combined Leaf Disease and Weed Control in Spring Wheat. Bayer CropScience. 2009. 284pp.

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