

Evaluation Report for Category C, Subcategory 3.10 Application

Application Number: 2009-3753
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 : 1871767

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; one for use on spring barley, spring wheat, and durum wheat; and the other, for use on spring and durum wheat only. The first tank mix consists of STRATEGO 250EC Fungicide with PUMA ADVANCE Herbicide and REFINE SG Herbicide. The second tank mix consists of STRATEGO 250EC Fungicide with BUCTRIL M Herbicide and PUMA ADVANCE Herbicide. 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

Two fungicide efficacy trials conducted in Saskatchewan and Alberta in 2008, where disease pressure was low to moderate, 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 also support the efficacy of the proposed tank mixes on labeled weeds. The data demonstrated acceptable levels of crop injury to spring and durum wheat for both proposed tank mixes, and to spring barley for the tank mix of STRATEGO 250EC Fungicide + REFINE SG Herbicide + PUMA ADVANCE Herbicide.

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 BUCTRIL M Herbicide and PUMA ADVANCE Herbicide on spring and durum wheat, and the other with PUMA ADVANCE Herbicide and REFINE SG Herbicide on spring wheat, durum wheat, and spring barley.

References

PMRA # 1803394. Data to Support Tank-mixtures with Puma 90:45 Herbicide, Buctril M Herbicide and Refine SG Herbicide for Combined Weed and Cereal Leaf Disease Control in Spring Wheat, Durum Wheat and Barley. Bayer CropScience. 2009. 167pp.

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