



Evaluation Report for Category C Streamlined Application

Application Number: 2009-0851
Application: Streamlined Category C
Product: DB-10550 Herbicide
Registration Number: 28836
Active ingredients (a.i.): dicamba / tribenuron-methyl / thifensulfuron-methyl
PMRA Document Number: 1784485

Background

DB-10550 Herbicide (Reg. # 28836) is registered for the selective post-emergence control or suppression of broadleaf weeds in spring wheat (including durum) and spring barley grown in the Prairie Provinces and Peace River region of British Columbia. 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 was to amend the registration of DB-10550 Herbicide to include a tank mixture with Harmony Grass 128 EC Herbicide (Reg. No. 29202), containing 128 g/L clodinafop-propargyl; both herbicides are applied at currently labelled rates (note that Harmony is applied at only the lowest currently registered rate with this tank mix). The tank mixture is applied post-emergence on spring and durum wheat (not underseeded to legumes) grown in the Prairie Provinces and Peace River Region of British Columbia for the control or suppression of DB-10550-labelled broadleaved weeds, wild oat and green foxtail.

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

A rationale was provided to support the tank mix of DB-10550 Herbicide + Harmony Grass 128EC Herbicide applied at currently labelled rates for the control or suppression of currently labelled weeds in spring and durum wheat. The rationale provided demonstrates that the subject tank mix combination can be expected to provide acceptable control or suppression of wild oat, green foxtail and all broadleaf weeds listed on the DB-10550 Herbicide label with minimal injury to spring and durum wheat.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of the DB-10550 Herbicide label to include the tank mix of DB-10550 Herbicide (68 g a.i./ha) + Harmony Grass 128EC Herbicide (56 g a.i./ha) for the post-emergent control or suppression of currently labelled broadleaf weeds, wild oat and green foxtail growing in spring and durum wheat when the tank mix is applied between the 2-5 leaf stage of the crop.

References

PMRA # 1729610. 2009. Rationale to Support the Tankmix of DB-10550 Herbicide + Harmony® Grass 128EC Herbicide in Spring and Durum Wheat. 2 pg. DACO's 10.1, 10.2.3 and 10.3.2.

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