

PP-2525 Herbicide Evaluation Report for Category C Streamlined, Subcategory 3.1 & 3.11 Application

Application Number: 2011-2371
Application: Category C, Subcategory C.3.1 & C.3.11 Application (Application Rate Decrease and New Pests)
Product: PP-2525 Herbicide
Registration Number: Reg. No. 29261
Active ingredients (a.i.): thifensulfuron-methyl/tribenuron-methyl [MMM/MEX]
PMRA Document Number English PDF: 2101208

Background

PP-2525 Herbicide (Reg. No. 29261) has been registered since March 30, 2009. PP-2525 Herbicide is a co-formulation containing 25% tribenuron methyl (Group 2 Herbicide) and 25% thifensulfuron methyl (Group 2 Herbicide) and registered for post emergence control or suppression of labelled broadleaf weeds. PP-2525 Herbicide is registered for use on wheat (spring and durum) and spring barley grown in the Prairie Provinces and the 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

E.I. du Pont Canada Company has applied to amend the registration of PP-2525 Herbicide to include the tank mixture of 15 g a.i./ha PP-2525 Herbicide + a reduced rate of 54 g a.i./ha Perimeter Herbicide (Reg. No. 29586) or Perimeter Mega PrecisionPac Herbicide (Reg. No. 29730) + 0.2% v/v non-ionic surfactant for the additional control of cleavers (at the 1 to 4 whorl stage) and kochia (including Group 2 resistant biotypes at the seedling to 8-lf stage) in spring wheat, durum wheat and spring barley grown in the Prairie Provinces and the Peace River region of British Columbia.

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 remain unchanged.

Value Assessment

A rationale was provided to support the tank mix of Perimeter II Herbicide with PP-2525 Herbicide. The rationale was sufficient to support the addition of a reduced rate of Perimeter Herbicide or Perimeter Mega PrecisionPac Herbicide (54 g a.i./ha) + 0.2% v/v non-ionic surfactant in tank mixture with PP-2525 Herbicide (15 g a.i./ha) for the additional control of cleavers (at the 1 to 4 whorl stage) and kochia (including Group 2 resistant biotypes at the seedling to 8-lf stage) in spring wheat, durum wheat and spring barley. Further crop tolerance data are not required.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of PP-2525 Herbicide to include a tank mixture with Perimeter Herbicide or Perimeter Mega PrecisionPac Herbicide (reduced rate) + non-ionic surfactant for the additional control of cleavers (at the 1 to 4 whorl stage) and kochia (including Group 2 resistant biotypes at the seedling to 8-lf stage) in spring wheat, durum wheat and spring barley.

References

PMRA Document Number: 2063713. 2011. Rationale to Support the Tankmix of PP-2525 Herbicide + Reduced Rate of Perimeter Herbicide. DACO: 10.2.3.3,10.2.3.3(B),10.3.2(A).

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