



New or changes to product label - level of control Evaluation Report for Category B, Subcategory B.3.10 Application

Application Number: 2007-8032
Application: Application Category B, Subcategory B.3.10 (New or changes to product label - tank mixes)
Product: Triton C Herbicide
Registration Number: 28622
Active ingredients (a.i.): 51.55% quinclorac, 10.30% thifensulfuron methyl and 5.15% tribenuron methyl
PMRA Document Number: 1571192

Background

Triton C Herbicide containing 51.55% quinclorac, 10.30% thifensulfuron methyl and 5.15% tribenuron methyl, is registered for selective post-emergence control and suppression of annual broadleaf weeds in spring wheat, durum wheat, and spring barley, in the Prairie provinces and the Peace River Region of British Columbia. The registered application rate is 65 g a.i./ha + 1% v/v Merge adjuvant. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Axial 100EC Herbicide containing 100 g/L pinoxaden is registered for selective post-emergence control of annual grass weeds in spring wheat and barley in the Prairie provinces and Peace River, Okanagan and Creston Flats regions of British Columbia. The registered application rate is 60 g a.i./ha + 539 g a.i./ha Adigor Adjuvant. 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 Triton C Herbicide label (Reg. No. 28622) to add a tank mix with Axial 100EC Herbicide (Reg. No. 28642) + Adigor adjuvant (Reg. No. 28151) for post-emergence control and suppression of those broadleaved weeds on the Triton C Herbicide label plus the annual grasses currently on the Axial 100 EC Herbicide label, plus Persian darnel, when applied to spring wheat, durum wheat, and spring barley.

Chemistry Assessment

A chemistry assessment was not required as there was no change to product chemistry.

Health Assessments

A health assessment was not required as there was no change to the product formulation and use pattern.

Environmental Assessment

An environmental assessment was not required as the use rate and use pattern for each component product in the requested tank mixes are registered.

Value Assessment

Efficacy and non-safety adverse effects data from six small plot field trials, conducted in Alberta, Saskatchewan and Manitoba in 2006 and 2007 were submitted for review. Based on the data submitted for review, the addition of the tank mix of Triton C Herbicide + Axial 100EC Herbicide + Adigor Adjuvant for the control and suppression of those broadleaved weeds on the Triton C Herbicide label plus the annual grasses currently on the Axial 100 EC Herbicide label, when applied to spring wheat and spring barley is acceptable.

Conclusion

The Agency has completed an assessment of the subject application and has found the information sufficient to amend the registration of Triton C Herbicide to add a tank mix with Axial 100EC Herbicide + Adigor adjuvant.

References

- PMRA ID# 1498936. Efficacy and Crop Tolerance of TRITON[®] C Herbicide + Axial* 100EC in Spring Wheat and Spring Barley. October 25, 2007. Unpublished. 164 pp.
- PMRA ID# 1498937. Efficacy and Crop Tolerance of TRITON[®] C Herbicide + Axial* 100EC in Spring Wheat and Spring Barley. Supplement 1. October 25, 2007. Unpublished.

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