

Conversion to Full Registration Evaluation Report for Category B, Subcategory B.4.1 Application

Application Number: 2011-5549
Application: Conversion to Full Registration, Without Consultation
Product: Bengal 120 EC
Registration Number: 29268
Active ingredients (a.i.): Fenoxaprop-p-ethyl (11.9%)
and safener, fenchlorazole-ethyl (2.9%)
PMRA Document Number : 2251657

Background

Bengal 120 EC (Registration Number 29268) is registered for use in spring wheat, durum wheat in the Prairie Provinces and Peace River region of British Columbia, and in spring wheat in eastern Canada. Data for this end-use product were previously requested by the PMRA to address chemistry requirements and the phytotoxic potential of the safener, fenchlorazole-ethyl.

Purpose of Application

The purpose of this application was to convert Bengal 120 EC to full registration.

Chemistry Assessment

Bengal 120 EC is formulated as an emulsifiable concentrate containing fenoxaprop-P-ethyl at a nominal concentration of 120 g/L. This end-use product has a density of 1.045 g/mL and pH of 5.02. The chemistry requirements for Bengal 120 EC are complete.

Health Assessments

A health risk assessment was not required for this application.

Environmental Assessment

Environmental risks to terrestrial and aquatic habitats were identified based on newly-submitted and existing data. The calculated risk quotients (RQ) for Bengal 120 EC were 3.9 for terrestrial habitats and 1.3 for freshwater habitats which indicated that the level of concern (LOC) was exceeded (RQ >1). Hence, mitigative measures are required in the form of spray buffer zones for the protection of non-target terrestrial vegetation and freshwater habitats.

Value Assessment

A value assessment was not required for this application.

Conclusion

The PMRA has approved the full registration of Bengal 120 EC for use in spring wheat, durum wheat in the Prairie Provinces and Peace River region of British Columbia, and in spring wheat in eastern Canada.

References

PMRA

Document

Number	Reference
2130518	Determination of Chiral Inversion of Fenoxaprop-p ethyl During One Year Storage Stability Test at Ambient Temperature. DACO: 3.5.10, 3.5.14
2130513	2011, Fenoxaprop 120 EC – terrestrial Plants Test, Seedling Emergence and Growth Test. DACO: 9.8.4
2130514	2011, Fenoxaprop 120 EC – Terrestrial Plants Test, Vegetative Vigour Test. DACO: 9.8.4
2130515	2011, Fenoxaprop 120 EC Aquatic Plant Toxicity Test, <i>Lemna gibba</i> , Semi-Static, 7d DACO: 9.8.5

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