

Evaluation Report for Category B, Subcategory 4.6 Application

Application Number: 2011-0331
Application: To fulfill conditions of registration on a product with full registration.
Product: Mesosulfuron-Methyl Technical Herbicide
Registration Number: 29706
Active ingredients (a.i.): Mesosulfuron-methyl
PMRA Document Number English PDF: 2149611

Background

Mesosulfuron-Methyl Technical Herbicide (Registration number 29706) and its associated end-use product, Silverado WDG Herbicide (Registration number 29707), were granted full registration in August 2010 for use on wheat in Canada. A full review of the original application can be found in the Proposed Registration Decision PRD2010-01 - *Mesosulfuron-Methyl* and Registration Decision RD2010-07 - *Mesosulfuron-Methyl*. Confirmatory analytical methodology data for livestock matrices were requested as condition of full registration.

Purpose of Application

The purpose of this application was to fulfill the conditions of full registration of Mesosulfuron-Methyl Technical Herbicide. An application (2011-0445) has also been submitted to the associated end-use product, Silverado WDG Herbicide.

Chemistry, Environmental and Value Assessments

Chemistry, environmental and value assessments were not required for this application.

Health Assessments

Toxicology and occupational assessments were not required for this application.

Data regarding analytical methodology for mesosulfuron-methyl in animal matrices were reviewed to support the registration of Mesosulfuron-Methyl Technical. Based on the review of submitted data, there are no changes expected regarding the dietary exposure to mesosulfuron-methyl residues, and dietary exposure from the supported mesosulfuron-methyl uses do not pose an unacceptable risk to human health. The full registration of Mesosulfuron-Methyl Technical Herbicide can be supported from a food residue point of view.

Conclusion

The PMRA has completed an assessment of available information for Mesosulfuron-Methyl Technical. All conditions of full registration have been met and there are no further outstanding data requirements at this time.

References

- 2002394 2010, Modification M001 of the Residue Analytical Method 01208 for the Determination of Amidosulfuron (AE F075032), Metsulfuron-methyl (AE F075736), Iodosulfuronmethyl-sodium (AE F115008), Mesosulfuron-methyl (AE F130060), Foramsulfuron (AE F130360) in animal tissues (meat, fat, liver, kidney), egg, and milk by HPLC MS/MS. DACO: 7.2.2
- 2002395 2010, Amendment No. 1 to Report No: MR-10/103 Modification M001 of the Residue Analytical Method 01208 for the Determination of Amidosulfuron (AE F075032), Metsulfuron-methyl (AE F075736), Iodosulfuronmethyl-sodium (AE F115008), Mesosulfuron-methyl (AE F130060), Foramsulfuron (AE F130360) in animal tissues (meat, fat, liver, kidney), egg, and milk by HPLC MS/MS. DACO: 7.2.2
- 2002396 2010, Independent Laboratory Validation of an Analytical Method 01208/M001 for the Determination of Amidosulfuron (AE F075032), Metsulfuron-methyl (AE F075736), Iodosulfuron-methyl-sodium (AE F115008), Mesosulfuron-methyl (AE F130060), Foramsulfuron (AE F130360) in animal tissues (meat, fat, liver, kidney), egg, and milk by HPLC MS/MS. DACO: 7.2.3
- 2002397 2010, Analytical Method for Mesosulfuron-methyl in Animal Tissues Extraction Efficiency, DACO: 7.2.3

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