



## Evaluation Report for Category B, Subcategory 4.6 Application

**Application Number:** 2010-0609  
**Application:** Application to fulfill conditions of registration on a product with full registration.  
**Product:** Starane II Herbicide  
**Registration Number:** 29463  
**Active ingredients (a.i.):** Fluroxypyr (present as fluroxypyr-meptyl) [FLR]  
**PMRA Document Number :** 1907253

### Background

Starane II Herbicide was first fully registered in 2009 as an agricultural product to be used as a selective herbicide for the postemergent control of annual broadleaved weeds including cleavers and certain ALS-resistant broadleaved weeds such as kochia in spring wheat, durum, wheat, and spring barley. Starane II Herbicide will also suppress hemp-nettle, common chickweed and wild buckwheat.

### Purpose of Application

The purpose of this application was to address a data gap identified during the review of the original category B.2.1, B.2.3, B.2.4 application to register Starane II Herbicide (submission 2007-2288). A one year storage stability and corrosion study was provided for review.

### Chemistry Assessment

Starane II Herbicide contains the active ingredient Fluroxypyr (present as fluroxypyr-meptyl) at a nominal concentration of 333 g/L. This product has a density of 1.0552 g/mL at 20°C and pH of 4.58. The chemistry requirements for Starane II Herbicide are complete.

### Health, Environmental and Value Assessments

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

### Conclusion

The PMRA has completed an assessment of available information for Starane II Herbicide and has found the information sufficient to complete the chemistry requirements.

## References

- 1395321 2006, Study Profile Template for End-Use Product Chemistry Data of GF-1784 Emulsifiable Concentrate, an End-Use Product CONTaining Fluroxypyr-meptyl, DACO: 3.1.3, 3.1.4, 3.2.1, 3.2.2, 3.2.3, 3.3.1 CBI
- 1395322 2006, Group A - Product Identity, Composition and Analysis for GF-1784, an Emulsifiable Concentrate End-use Product Containing Fluroxypyr-meptyl, DACO: 3.1.3, 3.1.4, 3.2.1, 3.2.2, 3.2.3, 3.3.1 CBI
- 1395323 2006, Extension to Analytical Method EU-AM-90-38 for the Analysis of Fluroxypyr MHE in GF-1784, DACO: 3.4.1 CBI
- 1395324 2007, 90-Day Accelerated Storage Study Results for GF-1784, a 333 g ae Fluroxypyr-meptyl/L EC, DACO: 3.5.10 CBI
- 1395326 2006, Determination of Physical and Chemical Properties of GF-1784., DACO: 3.5.1, 3.5.11, 3.5.12, 3.5.13, 3.5.2, 3.5.3, 3.5.4, 3.5.6, 3.5.7, 3.5.8, 3.5.9 CBI
- 1414460 2007, Chemistry Requirements - Applicant and Manufacturer, DACO: 3.1.1, 3.1.2 CBI
- 1414461 2007, Chemistry Requirements - Applicant and Manufacturer, DACO: 3.5.14, 3.5.15 CBI
- 1677798 2008, GF-1784 One year ambient stability in and compatibility with HDPE Packing, DACO: 3.5.10,3.5.14 CBI

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