

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

**Application Number:** 2006-0427  
**Application:** Category B, Subcategory B.4.1 (conversion from temporary to full registration)  
**Product:** Estaprop Plus Liquid Herbicide  
**Registration Number:** 27968  
**Active ingredients (a.i.):** dichlorprop + 2,4-D ester  
**PMRA Document Number:** 1507532

### Background

Estaprop Plus Liquid Herbicide (PCP # 27968) is conditionally registered for use in cereals and non-crop areas for the control of several broadleaf weeds, annual and perennial, and woody growth. Application rates for Estaprop Plus are dependant on the use-site and the weed claims. 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 is to convert Estaprop Plus Liquid Herbicide from conditional to full registration. With Application No. 2003-1107 this product was granted conditional registration. As a requirement of the conditional registration of Estaprop Plus Liquid Herbicide, the registrant was instructed to submit confirmatory crop tolerance and efficacy data to confirm the crop tolerance and weed control claims for the new product when applied by air.

### Chemistry Assessment

A chemistry assessment was not required as no deficiencies were identified with Application No. 2003-1107.

### Health Assessments

Health assessments were not required as no deficiencies were identified with Application No. 2003-1107.

## **Environmental Assessment**

An environmental assessment was not required as no deficiencies were identified with Application No. 2003-1107.

## **Value Assessment**

To support the conversion of conditional to full registration of Estaprop Plus Liquid Herbicide, the applicant submitted six trials. All trials were conducted in Prairie Provinces in 2005. Crop tolerance was examined for spring wheat and barley at the labelled rate and at twice the labelled rate. Efficacy data for nine broadleaf weed species was provided. All trials included side-by-side treatments where the product was applied in a spray volume of 100 L/ha (within the range for ground application) and 30 L/ha (minimum spray volume for aerial application). The maximum crop injury observed for either of the two crops, at either spray volume, was 1.5%. Yield, expressed as a percentage of a weedy check, varied little when comparing the two spray volumes. The difference between the two spray volumes varied between 1 and 2 percentage points. Differences in percent weed control, when comparing the two spray volumes, varied between 0 and 3 percentage points. The condition for full registration, from a Value perspective, was determined to be fulfilled.

## **Conclusion**

The conditions of full registration have been fulfilled. Estaprop Plus Liquid Herbicide can be converted to a full registration.

## **References**

### **A. List of Studies/Information Submitted by Registrant**

1120376 DACO 10.2.3.3, 10.3.2. Field Trial Reports: Appendix to: Evaluation of Typical Aerial and Ground Application Water Volumes; FDR Task Force (Nufarm, IPCO, UAP). FDR-A1 to FDR-A9. Part 10 - Value. Volume 1 of 1.

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