

## Evaluation Report for Category B, Subcategory B.3.14 Application

**Application Number:** 2007-4098  
**Application:** Category B.3.14 (new product label classification)  
**Product:** Biobarrier Root Control System (Domestic)  
**Registration Number:** 28780  
**Active ingredients (a.i.):** Trifluralin  
**PMRA Document Number:** 1467971

### Background

Biobarrier Root Control System containing the active ingredient trifluralin (17.5%) is currently registered as a Commercial class product for the control of plant root growth. The product is a ready-to use fabric which can be installed in soil horizontally, vertically or as a surround to inhibit or redirect the plant root growth. For specific details of uses, application methods, precautions and restriction, refer to the product label.

### Purpose of Application

The purpose of this application is to register a Domestic class Biobarrier Root Control System product for residential use.

### Chemistry Assessment

The product chemistry database is complete with the exception of the required storage stability study.

### Health Assessments

All toxicological data requirements were addressed for the currently registered commercial product (Biobarrier Root Control System, PCP# 28477). No additional toxicological data were required.

## **Environmental Assessment**

As the data requirements for the environmental assessment were addressed for the commercial product (Biobarrier Root Control System, PCP# 28477), no further data were required.

## **Value Assessment**

The use pattern and use directions for the Biobarrier Root Control System Domestic Class product are the same as the conditionally registered Commercial class product. The data requirements identified as conditions of registration for the commercial product apply to the domestic use product as well. Thus conditional registration status of the domestic product is warranted until the identified data requirements are fulfilled.

## **Conclusion**

The PMRA has completed an assessment of available information for Biobarrier Root Control System (Domestic) and can support conditional registration. Full registration is contingent on the fulfilment of the following data requirements:

- One-year storage stability data (DACO 3.5.10)
- Trials that would confirm that Biobarrier Root Control System inhibits plant root development by stopping or redirecting roots (DACO 10.2.3.3), while maintaining the health and vigour of desirable vegetation (DACO 10.3.2)

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