

## Evaluation Report for Category C, Subcategory C.3.10 Application (New or Changes to Tank Mix)

**Application Number:** 2009-1041  
**Application:** Category C, Subcategory C.3.10 (new or changes to the tank mix)  
**Product:** Thrasher EC Herbicide  
**Registration Number:** 28779  
**Active ingredients (a.i.):** 225 g/L bromoxynil and 225 g/L 2,4-D  
**PMRA Document Number:** 1903522

### Background

Thrasher EC Herbicide is a co-formulation of 225 g/L bromoxynil and 225 g/L 2,4-D and is currently registered for broadleaf weed control in spring wheat, durum wheat, and spring barley. It can be applied alone at a rate of 1.25 L/ha (i.e. 563 g a.i./ha) or in combination with Achieve Herbicide, Avenge 200-C, Horizon HTM, or Puma<sup>120</sup> Super. 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 submission is to amend the registration of Thrasher EC Herbicide to include a new tank mixture of Thrasher EC Herbicide at 1.25 L/ha + Everest 70 DF at 43 g/ha + a non-ionic surfactant at 0.25% for control of the weeds listed on both herbicide labels on spring wheat.

### Chemistry Assessment

A chemistry assessment was not required as there was no change to product chemistry.

### Health Assessment

A health assessment was not required as there was no change to the product formulation and use pattern.

### Environmental Assessment

An environmental assessment was not required as there was no change to the use site and pattern.

### Value Assessment

The agronomic equivalency of Thrasher EC Herbicide to Thumper Herbicide was established when Thrasher EC Herbicide was first registered in 2007. As the tank mixture of Thumper Herbicide plus Everest 70 DF plus non-ionic surfactant is presently registered and included on the Everest 70 DF label, the tank mixture of Thrasher EC Herbicide plus Everest 70 DF plus non-ionic surfactant is supported from a value standpoint.

### Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Thrasher EC Herbicide to

include Everest 70 DF as a tank mix partner.

## **Reference**

List of Studies/Information Submitted by Registrant

PMRA # 1854074: Scientific rationale for bridging from the Approve label to the Thrasher label to support the addition of Everest to the Thrasher label. January 19, 2010.

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