

## Evaluation Report for Category B, Subcategory 3.10, 3.11, and 3.12 Application

**Application Number:** 2009-4352  
**Application:** Changes to Product Label: addition of Tank Mixes, Pests and Site/Host  
**Product:** Puma<sup>120</sup> Super Emulsifiable Concentrate Post-Emergent Herbicide  
**Registration Number:** 25864  
**Active ingredients (a.i.):** Fenoxyprop-p-ethyl  
**PMRA Document Number :** 2464995

### Purpose of Application

The purpose of this application is to amend the label of Puma<sup>120</sup> Super Emulsifiable Concentrate Post-Emergent Herbicide to 1) add a new host/site in spring barley; 2) add new tank-mix partners in spring wheat and barley, and; 3) add control of new pests in eastern Canada for spring wheat.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

The proposed use of Puma<sup>120</sup> Super Emulsifiable Concentrate Post Emergent Herbicide should not result in unacceptable exposure to the active ingredient, fenoxaprop-p-ethyl. No unacceptable risk is expected when workers follow the label directions and wear the personal protective equipment identified on the label.

Residue data for fenoxaprop-p-ethyl were not submitted to support the addition of barley and tank-mixes to the Puma 120 Super label to be used in Eastern Canada. Previously reviewed residue data from field trials conducted in/on barley and processing conducted in/on wheat with fenoxaprop-p-ethyl were assessed. The proposed use in or on barley in Eastern Canada will not increase the dietary exposure to fenoxaprop-p-ethyl and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

The use of the tank mix partner Infinity Herbicide (PCP# 28738; a.i. pyrasulfotole and bromoxynil) and of all the other proposed tank mix partners (Buctril M, Refine Extra, MCPA Amine 500, MCPA Ester 500, and Refine Extra + MCPA Ester 500) falls within the registered use pattern for these products; therefore, there is no increase in dietary exposure anticipated to any of the active ingredients resulting from these uses.

### Environmental Assessment

As there is no increase in application rate and the environmental precautions for tank mixtures are addressed by appropriate mitigative statements, there is no additional risk associated with the proposed uses and tank mixtures for Puma<sup>120</sup> Super Emulsifiable Concentrate Post-Emergent Herbicide.

### Value Assessment

Based on a scientific rationale submitted by the applicant, the previous data reviewed under the submission number 2006-0590, and existing use of Puma<sup>120</sup> Super experienced in the Prairies Provinces and the Peace River Region of British Columbia, the label amendments can be supported from a value standpoint.

## **Conclusion**

Following the assessment of all available data, the PMRA is able to support the amendments to the label of Puma 120 Super Emulsifiable Concentrate Post-Emergent Herbicide.

## **References**

- PMRA # 1814402: Puma<sup>120</sup> Super Emulsifiable Concentrate Post-emergent Herbicide: Rationale for use in spring barley grown in eastern Canada, alone and in a tank mixture with Infinity Herbicide. Authored by Ian Armour. Bayer CropScience Inc. DACO. 10.1, 10.2.3.3, 10.3.1, and 10.3.2. October 15, 2009. pp. 4.
- PMRA # 1834170: Puma<sup>120</sup> Super Emulsifiable Concentrate Post-emergent Herbicide: Rationale for use in spring barley grown in eastern Canada when applied in tank mixture with Buctril M, Refine Extra, MCPA Amine 500 or Ester 500, and Refine Extra + MCPA Ester 500. Authored by Ian Armour. Bayer CropScience Inc. DACO. 10.1, 10.2.2, 10.2.3.1, 10.2.3.3, 10.3.1, and 10.3.2. December 1, 2009. pp. 4.

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