

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

Application Number: 2009-5403
Application: Category C, Subcategory C.3.10 (new or changes to the tank mixes)
Product: Puma Advance EC Herbicide
Registration Number: 29488
Active ingredients (a.i.): 90 g/L fenoxaprop-P-ethyl
PMRA Document Number : **1894437**

Background

Puma Advance EC Herbicide containing 90 g/L fenoxaprop-P-ethyl (Group 1 Herbicide) is registered for post-emergence control of wild oats, green foxtail, yellow foxtail, and barnyard grass in spring wheat, durum wheat, and spring barley in the Prairie Provinces and the Peace River Region of British Columbia and control of wild oats in spring wheat in Eastern Canada. Puma Advance EC Herbicide can be applied alone at either 92.4 g a.i./ha or 46.2 g a.i./ha or in combination with other herbicides. 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 Puma Advance EC Herbicide to include tank mixtures with Refine Extra, MCPA Amine 500, MCPA Ester 500, or Refine Extra + MCPA Ester 500 in spring wheat in eastern Canada as are currently registered in the Prairie Provinces and the Peace River Region of British Columbia.

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 registration of the tank mixtures of Refine Extra, MCPA Amine 500, MCPA Ester 500, and Refine Extra + MCPA Ester 500 in spring wheat grown in eastern Canada on the Puma¹²⁰ Super label is supported from a value standpoint under the submission number 2009-5301. Puma¹²⁰ Super was used as the precedent product when Puma Advance EC Herbicide was registered under the submission number 2007-8429. The agronomic equivalency of Puma¹²⁰ Super applied alone or in tank mixture with other tankmix partners to Puma Advance EC Herbicide was established. As such, the amendment to the registration of Puma Advance EC Herbicide to include the tank mixtures of Refine Extra, MCPA Amine 500, MCPA Ester 500, and Refine Extra + MCPA Ester 500 in spring wheat grown in eastern Canada can also be 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 Puma Advance EC Herbicide to include the tank mixtures with Refine Extra, MCPA Amine 500 or Ester 500, or Refine Extra + MCPA Ester 500 in spring wheat grown in eastern Canada and no further data are required.

Reference

List of Studies/Information Submitted by Registrant

PMRA # 1838675: Puma¹²⁰ Super Emulsifiable Concentrate Post-emergent Herbicide: Rationale for use in spring wheat grown in eastern Canada when applied in tank mixture with Refine Extra, MCPA Amine 500 or Ester 500, and Refine Extra + MCPA Ester 500. DACO. 10.1, 10.2.2, 10.2.3.1, 10.2.3.3, 10.3.1, and 10.3.2. December 8, 2009. pp. 4.

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2010

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.