

Evaluation Report for Category B, Subcategory B.3.10 Application (New or Changes to Product Label – Tank Mixes)

Application Number: 2016-7012
Application: Category B.3.10 (New or changes to product label – Tank mixes)
Product: Eragon LQ Herbicide
Registration Number: 31469
Active Ingredients (a.i.): 342 g/L saflufenacil
PMRA Document Number: 2720700

Background

Eragon LQ is registered for pre-plant and pre-emergent application in corn, soybean, and small grain cereals for burndown of broadleaf weeds. It is also registered to be used as a harvest aid in soybean, dry beans, and canola and as a pre-harvest weed management treatment in wheat, barley, and triticale. 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 was to amend the registration of Eragon LQ to include a 3-way tank mixture with glyphosate at 900 g a.e./ha and metribuzin at 408 g a.i./ha for improved control of Canada fleabane in soybean.

Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

Value Assessment

The tank mixture of Eragon LQ plus metribuzin plus glyphosate offers growers a flexible, one-pass pre-plant or pre-emergent herbicide option in soybean with three modes of action (Group 14, 5, and 9) with overlapping spectrums of control, providing a valuable tool that may assist with delaying the development of resistant weed biotypes in soybean.

Value information submitted for review included data from replicated field trials conducted in Ontario in 2014 and 2015. Efficacy information demonstrated that the tank mixture of Eragon LQ + Roundup WeatherMax + Sencor 75DF each applied at their respective labelled rate for use in soybean provided improved and more consistent control of glyphosate-resistant Canada fleabane.

Crop injury information demonstrated that soybean can be expected to have an adequate margin of crop tolerance to the pre-plant and pre-emergent application of the 3-way tank mixture.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the amendment to the registration of Eragon LQ Herbicide to include a new tank mixture with glyphosate herbicide + listed metribuzin containing products for improved control of Canada fleabane in soybean.

Reference

List of Studies/Information Submitted by Registrant

PMRA # 2695391 2016, ERAGON LQ - Application for the addition of a tank mix- PDF version, DACO: 10.1, 10.2, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3, 10.3, 10.3.1, 10.3.2, 10.3.3, 10.5, 10.5.1, 10.5.2, 10.5.3, 10.5.4, and 10.5.5.

ISSN: 1911-8082

8 Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2016

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.