

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

Application Number: 2017-3004
Application: Category B, Subcategory B.3.10 (new or changes to product label – tank mixes)
Product: Enlist Duo Herbicide
Registration Number: 30958
Active ingredients (a.i.): 194 g/L 2,4-D present as choline salt and 204 g/L glyphosate present as dimethylamine salt
PMRA Document Number: 2786813

Background

Enlist Duo Herbicide is registered for control of annual and perennial weeds. It is recommended for post-emergent application in Enlist corn and Enlist soybean, pre-plant and pre-emergent applications in spring and winter varieties of small grain cereals and field corn, and for use in summerfallow. 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 Enlist Duo Herbicide to include two tank mixtures, clethodim at 0.19 L/ha and sethoxydim at 0.32 L/ha, for control of volunteer Enlist corn in Enlist 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

Value information in the form of data from replicated field trials demonstrated that Enlist Duo Herbicide applied in tank mix with Select EC at 0.19 L/ha + Amigo Adjuvant at 0.5% v/v or Poast Ultra at 0.32 L/ha + Merge Adjuvant at 1 L/ha would be expected to control volunteer Enlist corn in Enlist soybean. Crop injury to Enlist soybean was not observed for any treatments in any of the field trials.

The inclusion of these tank mixtures on the Enlist Duo label will provide farmers useful tools to manage volunteer Enlist corn in the Enlist soybean field.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the use pattern of Enlist Duo Herbicide to include Select EC or Centurion EC at 0.19 L/ha or Poast Ultra at 0.32 L/ha as tank mix partners for control of volunteer Enlist corn in Enlist soybean.

Reference

PMRA # 2774942 2017, Efficacy, small scale trials, control volunteer of Enlist corn in Enlist soybean, DACO: 10.2.3.3.

ISSN: 1911-8082

**8 Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services
Canada 2017**

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.