



Evaluation Report for Category B, Subcategory B.3.10 and 3.11 Application (New or Changes to Product Label – Tank Mixes and New Pests)

Application Number:	2021-0210
Application:	Category B.3.10 and 3.11 (New or changes to product label – Tank mixes and new pests)
Product:	Barricade SG
Registration Number:	29544
Active Ingredient (a.i.):	thifensulfuron-methyl and tribenuron-methyl each at 25%
PMRA Document Number:	3242506

Background

Barricade SG is registered for post-emergent control of broadleaf weeds in wheat (spring, durum, and winter), spring barley, oats, and certain grasses. It is recommended for application alone or in tank mix with listed herbicides, including Perimeter II + MCPA Ester and Perimeter II + MCPA Ester + a listed graminicide. 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 include:

- (1) A control claim for common ragweed (up to 10 cm) with the registered tank mixture of Barricade SG + Perimeter II + MCPA Ester each applied at their respective label rates.
- (2) Two tank mixtures of Barricade SG + a clodinafop 240 EC product and Barricade SG + Perimeter II + MCPA Ester + a clodinafop 240 EC product each applied at their respective label rates.

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 submitted for review consisted of data from replicated field trials and a scientific rationale. The trial data is considered sufficient to support control of common ragweed (up to 10 cm) with the tank mix of Barricade SG + Perimeter II + MCPA Ester each applied at their respective label rates. The rationale along with registrations of five clodinafop 240 EC products are considered sufficient to support the inclusion of MPower Aurora Clodinafop, NuFarm Clodinafop, Slam'R Clodinafop, NuFarm Signal, or Harmony Grass 240 as tank mix partners with Barricade SG or Barricade SG + Perimeter II + MCPA Ester in spring and durum wheat.

The requested amendments to the Barricade SG label provides growers (1) an additional tank mix option for control of common ragweed and (2) additional graminicide tank mix partners with Barricade SG or Barricade SG + Perimeter II + MCPA Ester for weed management flexibility.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the requested registration amendments subject to a required label amendment.

References

List of Studies/Information Submitted by Registrant

- PMRA # 3191650 2021, Barricade SG + Perimeter II Herbicide + MCPA Ester for control of common ragweed in wheat (spring, durum and winter) and barley, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3(B), 10.3.1, and 10.3.2.
- PMRA # 3191652 2021, Rationale to support the tankmix of Barricade SG + Clodinafop 240 EC formulations in spring and durum wheat, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, and 10.2.3.3(B).

© Her Majesty the Queen in Right of Canada, as represented by the Minister of Health Canada, 2021

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 Health Canada, Ottawa, Ontario K1A 0K9.