

Tank Mixes

Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2017-5021
Application: Tank Mixes
Product: PP-31155 Herbicide
Registration Number: 29579
Active ingredients (a.i.): Thifensulfuron-methyl, Tribenuron-methyl, Metsulfuron-methyl
PMRA Document Number: 2840290

Background

PP-31155 Herbicide was first registered on May 14, 2010. PP-31155 Herbicide is registered for use on wheat (spring or durum) and spring barley for selective post-emergent control or suppression of broadleaf weeds in the Prairie Provinces and the Peace River Region of British Columbia. 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 expand the registration of PP-31155 Herbicide to include five additional non-ionic surfactant (NIS) options: Liberate Adjuvant (Reg. No. 29491), Ag-Surf II (Reg. No. 30267), HiActivate Non-Ionic Liquid Spreader/Activator (Reg. No. 31817), Super Spreader Adjuvant (Reg. No. 17402) and Enhance (Reg. No. 29270) applied at 0.2 or 0.25% v/v.

Chemistry Assessment

A chemistry assessment was not required as there was no change to the product formulation.

Health and Environmental Assessment

Health and environmental assessments were not required since there are no changes made to the application rate and use pattern of all tank mix components.

Value Assessment

A rationale cited precedent products with similar active ingredients that are registered on each non-ionic surfactant label (Liberate Adjuvant, Ag-Surf II, HiActivate Non-Ionic Liquid Spreader/Activator, Super Spreader Adjuvant and Enhance). When applied at 0.2 or 0.25% v/v, efficacy and crop tolerance are not expected to be compromised when one of the non-ionic

surfactants are applied with PP-31155 Herbicide to labeled crops and weeds. This will provide growers with additional surfactant options and greater flexibility in managing broadleaf weeds in labeled crops.

Conclusion

The PMRA has conducted an assessment of the subject application and has determined that in accordance with the label, the submitted information is adequate to support five additional non-ionic surfactants: Liberate Adjuvant, Ag-Surf II, HiActivate Non-Ionic Liquid Spreader/Activator, Super Spreader Adjuvant and Enhance.

References

List of Studies/Information Submitted by Registrant

Value Assessment

2801272 2017, Rationale to Support the use of Additional Non-Ionic Surfactants with DuPont Herbicide Products, DACO: 10.2,10.2.3,10.2.3.1,10.3,10.3.2,10.3.2(A)

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2018

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.