

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

Application Number: 2015-0877
Application: Category B, Subcategory B.3.10 (new or changes to product label – tank mixes)
Product: Heat WG Herbicide
Registration Number: 29368
Active ingredients (a.i.): 70% saflufenacil
PMRA Document Number : 2560735

Background

Heat WG Herbicide is registered as a pre-seed or pre-emergent treatment or as a chemfallow treatment for rapid burndown control plus suppression of secondary flush of listed weeds or as pre-harvest treatment for crop desiccation. Heat WG Herbicide may be applied alone or in tank mix with glyphosate herbicide. 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 use pattern of Heat WG Herbicide as the follows:

- (1) To expand the spray volume recommendation of 200 L/ha to a range of 100-200 L/ha when applied in tank mix with glyphosate herbicide for use as a desiccant.
- (2) To harmonize the application rates of Merge Adjuvant at 0.5 or 1.0 L/ha and Amigo Adjuvant at 0.5 L/ha to a rate range of 0.5-1.0 L/ha throughout the label.
- (3) To include MSO Concentrate (Reg. No. 28385) at 1.0 L/ha (for Heat WG Herbicide) or 0.5-1.0 L/ha (for Heat WG Herbicide + glyphosate) as an alternative to Merge Adjuvant.

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, which included data from 12 field trials, a scientific rationale, and history of use, demonstrated the equivalency of Merge Adjuvant and MSO Concentrate and the interchangeability of Merge Adjuvant with MSO Concentrate when applied with Heat WG Herbicide or the tank mixture of Heat WG Herbicide + glyphosate. The inclusion of MSO Concentrate as an alternative to Merge Adjuvant would provide users additional flexibility with adjuvant choice.

Furthermore, the expansion of spray volume recommendation and harmonization of application rate for Merge Adjuvant and Amigo Adjuvant were supported by the scientific rationale and use history information.

Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the use pattern of Heat WG Herbicide to include MSO Concentrate as an alternative to Merge Adjuvant, expand the spray volume recommendation of 200 L/ha to a range of 100-200 L/ha, and harmonize the application rate for Merge Adjuvant at 0.5 or 1.0 L/ha and Amigo Adjuvant at 0.5 L/ha to a rate range of 0.5-1.0 L/ha as per requested.

References

PMRA #	References
2508353	2015, Application for the addition of MSO Concentrate as an adjuvant alternative, DACO: 10.1, 10.2, 10.2.3, 10.2.3.1, 10.2.3.3, 10.3, 10.3.1, 10.3.2, 10.3.3, 10.4, 10.5, 10.5.1, 10.5.2, 10.5.3, and 10.5.4.
2508354	2015, Individual trial reports, DACO: 10.2.3.3, and 10.3.2(A).
2508356	2015, Raw data, DACO: 10.2.3.1, 10.2.3.3, 10.3.1, and 10.3.2.

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.