

Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2018-5058
Application: Changes to Product Labels - New Site
Product: Dimension 2EW Herbicide
Registration Number: 32844
Active ingredient (a.i.): Dithiopyr
PMRA Document Number : 3024693

Purpose of Application

The purpose of this application was to amend the label for Dimension 2EW Herbicide to remove the geographic sale and use restrictions, allowing for Canada-wide use of the product beyond Ontario and Quebec. Dimension 2EW Herbicide is registered for the control of crabgrass in established turfgrass associated with sod farms, golf courses, parks and recreational areas, and residential and commercial lawns.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

Toxicological and occupational exposure assessments were not required for this application.

No food residue data were submitted in support of the application, or are required, as there are no food uses associated with Dimension 2EW Herbicide. The use of dithiopyr on turf does not constitute a health risk of concern for chronic dietary exposure (drinking water only) or aggregate exposure (dermal and inhalation exposure from entering treated turf with dietary exposure from drinking water) to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The removal of geographic restrictions from the label of Dimension 2EW Herbicide is not expected to increase environmental exposure or risk. Existing label guidance is sufficient for risk mitigation.

Value Assessment

The expansion of the Dimension 2EW Herbicide label will provide crabgrass control in established turfgrass across Canada. Value information, in the form of use history, demonstrated that established turfgrass is expected to exhibit an adequate margin of crop safety to Dimension 2EW Herbicide applied as per the label instructions across Canada.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to remove the geographic sale and use restrictions for Dimension 2EW Herbicide.

References

PMRA Document Number	Reference
1147851	1992, Terrestrial field dissipation study for the determination of MON 15100 following broadcast application of MON15151 and 15175 – bare ground, DACO 8.3.2.3
1233337	1990, Terrestrial field soil dissipation study for the determination of MON 15100 following broadcast application of MON15151, MON15119 and MON15175, DACO 8.3.2.3
2951464	1990, Terrestrial Field Soil Dissipation Study for the Determination of MON 15100 Following Broadcast Application of MON 15151, MON 15119, and MON 15175, DACO: 8.3.2.3 CBI
2951465	1990, Terrestrial Field Soil Dissipation Study for the Determination of MON 15100 Following Broadcast Application of MON 15151, MON 15119, and MON 15175, DACO: 8.3.2.3
2951466	1989, Terrestrial Field Soil Dissipation Study for the Determination of MON-15100 and Its Major Soil Metabolites Following Broadcast Application of MON-15126, MON-15120 and MON-15172, DACO: 8.3.2.3 CBI
2951467	1989, Terrestrial Field Soil Dissipation Study for the Determination of MON-15100 and Its Major Soil Metabolites Following Broadcast Application of MON-15126, MON-15120 and MON-15172, DACO: 8.3.2.3
2951468	1989, Dissipation of Foliar and Dislodgeable Residues of Dithiopyr Following Application to Turfgrass, DACO: 8.3.2.3 CBI
2951469	1989, Dissipation of Foliar and Dislodgeable Residues of Dithiopyr Following Application to Turfgrass, DACO: 8.3.2.3
2960648	2019, 8.3.2.3 Field Site Locations, Dimension 2EW 18-5058, DACO: 8.3.2.3
2966329	1989, Pesticide Residue Study, MSL 9593 Site Locations, DACO: 8.3.2.3
2966330	1991, Field Summary Report, MSL 12059 Site Locations, DACO: 8.3.2.3
2966331	1992, Terrestrial Field Soil Dissipation Study for the Determination of Dithiopyr and Identified Soil Metabolites Following Broadcast Application of Dimension Turf Herbicide to Bare-Ground, DACO: 8.3.2.3

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.