

Evaluation Report for Category, Subcategory 2.4, 3.10, 3.11, 3.12 Application

Application Number:	2012-4927
Application:	New / Changes EP Product Chemistry -Proportion of Formulants; New / Changes to Product Labels - Tank Mixes, New Pests, New Site or Host
Product:	Spectrum B Herbicide (a component of Spectrum Herbicide)
Registration Number:	27032
Active ingredients (a.i.):	Clopyralid, present as acid MCPA, present as present as 2-ethylhexyl ester
PMRA Document Number :	2367750

Purpose of Application

The purpose of the application was to change the formulation, to update the tank mix partners, to add new weeds, and to add winter wheat as a host crop, to the label of Spectrum B Herbicide (a component of Spectrum Herbicide).

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicological review was not required for this application.

No new residue data were submitted in support of the addition of new tank mix partners of Everest 2.0 Herbicide and Simplicity Herbicide, and winter wheat to the registered labels of Spectrum B Herbicide. The use of Spectrum B Herbicide is not expected to increase the magnitude of clopyralid and MCPA residues in/on wheat. Therefore, the dietary exposure to clopyralid and MCPA is not expected to increase and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

The use on winter wheat, the addition of new tank mixes and a change in the formulation for Spectrum B Herbicide was compared to the currently registered use pattern for clopyralid and MCPA. The changes should not result in risks of concern to the active ingredients, clopyralid and MCPA. No unacceptable risk is expected when workers follow the label directions and wear the personal protective equipment identified on the label.

Environmental Assessment

The addition of new tank mix partners, new pests and host crop, and change of formulation of Spectrum B Herbicide do not involve any changes to application rates of active ingredients. Therefore, the environmental exposure and risk are expected to remain the same as the current registered uses. Environmental label statements are required to identify environmental hazards and to reduce the potential exposure of non-target organisms. Buffer zones are required to protect sensitive terrestrial and aquatic habitats.

Value Assessment

The label updates, including the addition of Everest 2.0 and Simplicity Herbicide as tank mix partners; addition of cowcockle control, narrow leaved hawk's beard control, and suppression of plantain top growth; and addition of winter wheat as a host crop; can all be supported based on a rationale provided by the applicant.

Conclusion

The Pest Management Regulatory Agency (PMRA) has reviewed the information provided in support of this application and has determined that the change in the formulation, and the addition of the tank mix partners, three new weeds, and winter wheat as host crop to the label of Spectrum B Herbicide is acceptable.

Reference

2263882 Value Summary. DOW AgroSciences Canada. DACO:
10.1,10.2,10.2.2,10.2.3.1,10.2.3.3,10.2.3.4,10.3,10.3.1,10.3.2 10

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services
Canada 2014

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.