

Evaluation Report for Category B, Subcategory 3.10 and 3.11 Application

Application Number: 2006-3606
Application: Changes to the product label and the addition of a new pest.
Product: Bumper 418 EC Fungicide
Registration Number: 28017
Active ingredients (a.i.): Propiconazole (418g/L)
PMRA Document Number: 1602778

Background

Bumper 418 EC Fungicide (Reg No. 28017) was first registered in 2005 and is used for broad-spectrum disease control in wheat, barley, oats, canola, corn and soybeans (grown for seed), dry edible beans and for the suppression of Septoria Leaf Mottle on canary seed.

Purpose of Application

The purpose of this application is to amend the Bumper 418 EC Fungicide label to change the herbicide tank-mix options and to add the claim of control of soybean rust. The applicant requested a label amendment to change herbicide tank-mix partners of Buctril M (Reg No. 18022) and Pardner Herbicide (in wheat and barley)(Reg No. 18001) to Badge Emulsifiable Selective Weedkiller (Reg No. 16164) and Bromotril 240 EC (Reg No. 28276), respectively.

Buctril M contains 280 g/L bromoxynil present as mixed octanoate and heptanoate esters plus 280 g/L MCPA present as 2-ethylhexyl ester. Badge Emulsifiable Selective Weedkiller contains 225 g/L bromoxynil present as esters plus 225 g/L MCPA present as esters. Pardner Herbicide contains 280 g/L bromoxynil present as an ester. Bromotril 240 EC contains 240 g/L bromoxynil present as the octanoate ester.

The request for claim of soybean rust (*Phakospora* spp.) was withdrawn by the applicant on April 4, 2007, and is, therefore, not included in this Evaluation report.

Chemistry Assessment

No changes to the product's specifications have been proposed, thus, a chemistry assessment was not required.

Health Assessments

The application rates for bromoxynil and MCPA on wheat and barley on the Badge Emulsifiable Selective Weedkiller and Bromotril 240 EC labels are within the label rates of the current tank-mix partners Buctril M and Pardner Herbicide. The label restrictions regarding pre-harvest grazing intervals are similar for all four end-use products. As such, exposure to residues of bromoxynil and MCPA in treated barley and wheat for all population subgroups will not increase with the change in tank-mix partners.

Environmental Assessment

The proposed amendments to tank mix partners is not an expansion to the use of propiconazole and will not result in increased releases of propiconazole onto the environment.

Value Assessment

The applicant requested a label amendment to change herbicide tank-mix partners of Buctril M and Pardner Herbicide (in wheat and barley) to Badge Emulsifiable Selective Weedkiller and Bromotril 240 EC, respectively.

Badge Emulsifiable Selective Weedkiller (PCP 16164) was originally named Buctril M. The PMRA accepted the name change to the product in 2003. Therefore, the replacement of Buctril M with Badge Emulsifiable Selective Weedkiller on the Bumper 418 EC Fungicide label is acceptable.

Bromotril 240 EC (PCP 28276) was accepted for registration by the PMRA in 2006. Bromotril 240 EC was determined to be agronomically equivalent to Pardner Herbicide, whether applied alone or in tank mixtures. Therefore, the use of Pardner Herbicide instead of Bromotril 240 EC is not expected to impact fungicide efficacy in the tank-mix with Bumper 418 EC Fungicide.

Conclusion

The PMRA has completed an assessment of available information for Bumper 418 EC Fungicide and has found the information sufficient to support an amendment to tank mix partners on the label.

References

PMRA Document Number	Reference
423885	Notification
942841	Value Summaries. DACO 10.1.

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services
Canada 2008

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.