

Pulsar Herbicide

Evaluation Report for Category C, Subcategory 3.11 Application

Application Number: 2010-5863
Application: Streamlined Category C 3.11
Product: Pulsar Herbicide
Registration Number: 29450
Active ingredients (a.i.): 86.9 g/L dicamba/ 113.3 g/L fluroxypyr [DIC/FLR]
PMRA Document Number English PDF: 2063336

Background

Pulsar Herbicide (Reg. No. 29450) is registered for post emergence use on spring wheat, durum wheat and barley for the control of cleavers, wild buckwheat, kochia, Russian thistle, and suppression of redroot pigweed, lamb's-quarters, volunteer flax and storks' bill. Use of Pulsar Herbicide is restricted to the Prairie Provinces and 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 amend the registration of Pulsar Herbicide to replace MCPA Ester 500 series as a tank mix partner with MCPA Ester 600 series at the same rate in terms of active ingredient per hectare.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and Environmental assessments were not required since the use pattern, including host crops, rates and timings remain unchanged.

Value Assessment

Given that the performance of MCPA Ester 500 series was determined to be agronomically similar to MCPA Ester 600 series and that MCPA Ester 500 series are presently registered for use in tank mix with Pulsar Herbicide, efficacy and crop tolerance data are not required to replace MCPA Ester 500 series as tank mix partners with MCPA 600 series at the same rate in terms of active ingredients per hectare. Confirmatory data from 4 field research trials demonstrated that efficacy of Pulsar plus MCPA Ester 600 for the control of volunteer canola was acceptable and also comparable to that of Pulsar plus MCPA Ester 500.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Pulsar Herbicide to include a tank mix with 349.8 g a.e./ha MCPA Ester 600 for the control of labelled broadleaf weeds plus the additional control of volunteer canola.

References

PMRA # 2010046 Value summary, Pulsar Herbicide DACO 10.1 p.1

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2011

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.