



Evaluation Report for Category B, Subcategory 3.10 and 3.12 Application

Application Number: 2011-0995
Application: B.3.10 – Tank Mixes
B.3.12 – New Host
Product: Flumioxazin 51 WDG Pulse Herbicide (A Component of Pulse Plus Herbicide Tankmix)
Registration Number: 30630
Active ingredients (a.i.): Flumioxazin
PMRA Document Number : 2214097

Purpose of Application

The purpose of this application was to register Flumioxazin 51 WDG Pulse Herbicide containing flumioxazin as part of the co-pack “Pulse Plus Herbicide Tankmix” for use field peas.

The co-pack “Pulse Plus Herbicide Tankmix” contains Touchdown Pulse Herbicide and Flumioxazin 51WDG Pulse Herbicide.

Touchdown Pulse Herbicide was registered under application 2011-0875.

Flumioxazin 51 WDG Herbicide was registered for use on field peas under application 2011-0990.

Health Assessments

The use of Touchdown Pulse Herbicide and Flumioxazin 51WDG Pulse Herbicide in the co-pack “Pulse Plus Herbicide Tankmix” for the control of weeds in field peas is acceptable when workers follow label directions and precautions, including the listed restrictions and personal protective equipment.

The use pattern for flumioxain in Flumioxazin 51 WDG Pulse Herbicide in the co-pack is within the registered use pattern for flumioxazin, therefore, a food residue chemistry review for flumioxazin was not required. The use of flumioxazin on field peas was reviewed and accepted under application 2011-0990.

Environmental Assessment

Flumioxazin 51WDG Pulse Herbicide for use in field peas as part of the co-pack falls within the registered use pattern for flumioxazin. The buffer zones are adequate for the protection of terrestrial and aquatic habitats. Therefore, application in accordance with the approved label will not result in unacceptable environmental risks.

Value Assessment

Given that flumioxazin is currently registered for use in tank-mix with glyphosate, present as potassium salt, reduced efficacy of the co-pack of “Pulse Plus Herbicide Tankmix” for labelled weeds is not expected.

Crop injury, assessed as percent overall injury, was either slight or not detectable following fall pre-plant application of the co-pack “Pulse Plus Herbicide Tankmix” to field peas, when applied in accordance with the label. The lack of injury was corroborated by yield data.

Conclusion

The PMRA has reviewed the information provided and has determined Flumioxazin 51 WDG Pulse Herbicide is acceptable for registration when used as part of the co-pack Pulse Plus Herbicide.

References

2017593 2011, DACO 10.2.3.3-1 Pulse Plus TSR 2010 Document - TOUCHDOWN Pulse
- a component of Pulse Plus Herbicide DACO: 10.2.3.3,10.3.2

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services
Canada 2012

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.