



Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2011-0875
Application: B.3.10 – Tank Mixes
Product: Touchdown Pulse Herbicide (A Component of Pulse Plus Herbicide Tankmix)
Registration Number: 30629
Active ingredients (a.i.): Glyphosate present as potassium salt
PMRA Document Number : 2214094

Purpose of Application

The purpose of this application was to register Touchdown Pulse Herbicide containing glyphosate present as potassium salt, 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.

Flumioxazin 51WDG Pulse Herbicide was registered under application 2011-0995.

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 considered acceptable when workers follow label directions and precautions, including the listed restrictions and personal protective equipment.

The use pattern for glyphosate in Touchdown Pulse Herbicide in the co-pack is within the registered use pattern for glyphosate, therefore, a food residue chemistry review for glyphosate was not required.

Environmental Assessment

Touchdown Pulse Herbicide for use in field peas as part of the co-pack falls within the current use pattern for glyphosate. Therefore, no additional environmental data are required to support the use and no environmental assessment is conducted. Environmental concerns can be adequately mitigated through statements on the product label.

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 Touchdown Pulse Herbicide is acceptable for registration when used as part of the co-pack Pulse Plus Herbicide.

References

- | | |
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| 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 |
| 2022196 | 2010, Magnitude of the Residue of Flumioxazin on Dry Peas, DACO: 7.4.1 |
| 2022197 | 2010, Magnitude of the Residue of Flumioxazin on Dry Peas, DACO: 7.4.1 |

ISSN: 1911-8082

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