

Pulsar Herbicide

Evaluation Report for Category C, Subcategory C.3.1 Application (Application Rate Decrease)

Application Number: 2011-0645
Application: Category C, Subcategory C.3.1 Application (application rate decrease)
Product: Pulsar Herbicide
Registration Number: 29450
Active ingredients (a.i.): dicamba (DIC) and fluroxypyr (FLR)
PMRA Document Number English PDF: 2064401

Background

Pulsar Herbicide has been registered since December 21, 2009. Pulsar Herbicide is registered for post-emergence control of broadleaf weeds in spring wheat, durum wheat and barley. 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 submission was to amend the registration of Pulsar Herbicide to include a claim of control of wild buckwheat at the lower rate of 0.607 L/Ha.

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, application rates and timings, of the component products remained unchanged.

Value Assessment

The efficacy of Pulsar Herbicide applied to cereals at two rates for control of wild buckwheat was directly compared to that of Dycleer Herbicide plus Starane Herbicide (Reg. No. 28761 & 24815) applied at registered rates. The submitted data support a claim of control for wild buckwheat at 184 g ai/ha and a claim of suppression at the 122 g ai/ha rate.

The submitted data for the two way tank mixture of 122 or 184 g a.i./ha of Pulsar Herbicide + 350 g a.e./ha MCPA ester support a claim of control of wild buckwheat for both rates of Pulsar when applied in tank-mixture with MCPA ester.

Conclusions

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Pulsar Agricultural Herbicide to include a claim of suppression of wild buckwheat at an application rate of 0.607 L/ha and a claim of control of wild buckwheat with a tank-mixture of Pulsar plus MCPA Ester 500 applied at 0.607 L/ha + 350 g a.e./ha, respectively.

References

A. LIST OF STUDIES/INFORMATION SUBMITTED BY REGISTRANT

- | | |
|---------|---|
| 1584503 | 2005-06-06, EFFICACY SUMMARY – TM of DYCLEER + STARANE – Field Trial Reports 2005, DACO 10.2.3.3. |
| 1584504 | 2005-06-06, TOLERANCE SUMMARY– TM of DYCLEER + STARANE – Field Trial Reports 2006, 2007, DACO 10.2.3.3. |
| 1584505 | 2005-06-06, EFFICACY SUMMARY – TM of DYCLEER + STARANE – Field Trials 2006, DACO 10.2.3.3. |
| 1584506 | 2005-06-06, EFFICACY SUMMARY – TM of DYCLEER + STARANE – Field Trials 2007, DACO 10.2.3.3 |

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