

Evaluation Report for Category C Streamlined Application

Application Number: 2008-0881
Application: Streamlined Category C
Product: Solo WDG Herbicide
Registration Number: 25496
Active ingredients (a.i.): imazamox
PMRA Document Number: 1632351

Background

Solo WDG Herbicide is registered for sale in the Prairie Provinces and the Peace River Region of British Columbia only for control of grass and broadleaf weeds in field peas, imazamox and imazethapyr tolerant canola, and imazamox and imazethapyr tolerant lentils. It may be applied post emergent at rates of 15 or 20g a.e./ha. Lontrel Dry Herbicide is registered for sale in Western Canada for use in canola to achieve top growth control of Canada thistle at 150g a.i./ha or control of Canada thistle, wild buckwheat, and perennial sow thistle (top growth control) in canola at a rate of 200g a.i./ha. For specific details of uses, application rates, 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 Solo WDG Herbicide (Reg. No. 25109) containing the technical active ingredient imazamox (70% a.e.) to include a tank mix with a reduced rate of Lontrel Dry Soluble Granular Herbicide (Reg. No. 27306) + Merge adjuvant (Reg. No. 24702) for the control of weeds appearing on the Solo WDG Herbicide label in addition to control of wild buckwheat and suppression of Canada thistle, annual sow thistle and perennial sow thistle for use in imazamox tolerant canola.

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

Data were submitted from a total of 16 field trials conducted between 2005-2007 from Manitoba, Saskatchewan and Alberta. Efficacy and crop safety of the tank mixture of Solo WDG Herbicide + Lontrel Dry Herbicide + Merge adjuvant were directly compared to that of the registered stand alone treatments of Solo WDG Herbicide (Reg. No. 25496) and Lontrel Dry Herbicide (Reg. No. 27306).

The performance of the tank mixture of Solo WDG Herbicide + Lontrel Dry Herbicide + Merge adjuvant was similar to that of the registered alone treatments of Solo WDG Herbicide + Merge adjuvant for control of weed species listed on the Solo WDG Herbicide label, in addition to control of wild buckwheat. Performance was also similar in terms of crop safety, assessed as percent visual crop injury. Insufficient data were provided to demonstrate a claim of suppression for Canada thistle, annual sow thistle or perennial sow thistle.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of the Solo WDG Herbicide label to include a tank mix with Lontrel Dry Herbicide and Merge adjuvant for the control of weeds appearing on the Solo WDG Herbicide label and wild buckwheat.

References

PMRA # 1560932 Application for SOLO + Lontrel Dry tank mix in CLEARFIELD® (Imidazolinone tolerant) Canola. DACO's: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3, 10.3, 10.3.1, 10.3.2, 10.3.3 25 pp.

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