



Evaluation Report for Category C, Subcategory 3.11 Application

Application Number: 2007-0166
Application: C, Subcategory C.3.11 (New or changes to product label - New pest)
Product: Adrenalin SC Herbicide
Registration Number: 27879
Active ingredients (a.i.): imazamox at 20 g/L + 2,4-D at 560 g/L
PMRA Document Number: 1422909

Background

Adrenaline SC herbicide is currently registered for use on imazamox tolerant wheat (wheat varieties with the Clearfield® trait) at the requested rate of 1 L product /ha (580 g a.e./ha) to control a wide range of broadleaf and grassy weeds.

Purpose of Application

The purpose of this submission is to add two weed claims, Volunteer Durum Wheat and Volunteer Tame Oat as controlled by the registered rate of 1 L/ha of Adrenaline SC Herbicide (20 g a.e. imazamox/ha + 560 g a.e. 2,4-D/ha).

Chemistry Assessment

A chemistry assessment was not required as there was no change to product chemistry.

Health Assessments

A health assessment was not required as there was no change to the product formulation and use pattern.

Environmental Assessment

An environmental assessment was not required as the use rate and use pattern are presently registered.

Value Assessment

Data from 48 trials conducted at 14 locations in Alberta (7), Saskatchewan (5) and Manitoba (2) were submitted for review. Trials were conducted in 2003 (24), 2004 (15), 2005 (8) and 2006

(1). Out of 48 trials, 30 had data for Volunteer Tame Oat only, 3 had data for Volunteer Durum Wheat only and 15 had data for both weeds. Trials were conducted in spring wheat and treatments were applied postemergence to the crop at the 3-6 leaf stage.

The data submitted for review indicate that control of volunteer durum wheat and volunteer tame oats in imazamox tolerant spring wheat with a post-emergence application of the co-formulation of imazamox at 20 g a.e./ha and 2,4-D at 560 g a.e./ha was acceptable.

Crop tolerance data are not required to add a new pest to the product label.

Conclusion

PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Adrenalin SC Herbicide to include a claim of control for volunteer durum wheat and volunteer tame oat.

References

List of Studies/Information Submitted by Registrant

- PMRA # 1358224: Part 10 - Value. Study title: Adrenaline SC Herbicide. Application for control of Volunteer Durum wheat (*Triticum durum*) and Volunteer Tame oat (*Avena sativa*) by Adrenaline SC Herbicide. Glen Forster, BASF Canada. December 11, 2006. pp. 15.
- PMRA # 1358225: Part 10-Value. Data summary tables (Excel).
- PMRA # 1358226: Part 10-Value. Raw data reports. pp 555.

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