



Evaluation Report Category C Streamline, Subcategory C.3.11 (New Pests)

Application Number: 2007-0509
Application: Category C Streamline, Subcategory C.3.11 - New Pests
Product: Solo WDG Herbicide
Registration Number: 25496
Active ingredients (a.i.): Imazamox (IMZ)
PMRA Document Number: 1436546

Background

Solo WDG Herbicide containing 70% imazamox is registered for post-emergent control of grassy and broadleaf weeds in field pea and imazamox tolerant canola in the Prairie Provinces and the Peace River Region of BC. The registered application rates are 15 or 20 g a.e./ha imazamox + 0.5% v/v Merge Adjuvant based on the weed spectrum present. The majority of the weed species was controlled at the higher rate. 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 application is to amend the registration of Solo WDG Herbicide to include a claim of suppression for Japanese brome grass (*Bromus japonicus*) at a rate of 20 g a.e./ha.

Chemistry Assessment

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

Health Assessment

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

Efficacy data submitted under application number 2007-0512 can be extrapolated to support a claim of suppression of Japanese brome grass for Solo WDG. The registered application rate for AC 299 263 120 AS is the same as that for Solo WDG Herbicide. Data from 6 efficacy trials were submitted for review. The trials were conducted in the 4 locations in Saskatchewan during a 2-year period (2005 and 2006). Control of Japanese brome grass following an application of AC 299 263 120 AS at a rate of 20 g a.e./ha was visually assessed 2 to 3 times during the growing season. Mean control of Japanese brome grass provided by AC 299 263 120 AS was 67.2% over 4 trials at the first rating (22-29 DAT), 73.5% over 6 trials at the second rating (42-50 DAT), and 90.6% over 2 trials at the third rating (64 DAT). The data support a claim of suppression for Japanese brome grass on the AC 299 263 120 AS label.

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

Conclusions

PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Solo WDG Herbicide to include a claim of suppression for Japanese brome grass.

Reference

List of Studies/Information Submitted by Registrant

PMRA # 1374208: Part 10 - Efficacy trial reports. BASF Canada. DACO 10.3.3. January 2, 2007. pp 83.

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