



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

**Application Number:** 2007-0512  
**Application:** Category C Streamline, Subcategory C.3.11 - New Pests  
**Product:** AC 299 263 120 AS Herbicide  
**Registration Number:** 26705  
**Active ingredients (a.i):** Imazamox (IMZ)  
**PMRA Document Number:** 1436444

### Background

AC 299 263 120 AS Herbicide containing 120 g/L of imazamox is registered for post-emergent control of grassy and broadleaf weeds in imazamox tolerant wheat in the Prairie Provinces and the Peace River Region of BC. The registered application rates are 15 or 20 g a.e./ha imazamox + 0.25% v/v non-ionic surfactant based on the weed spectrum present. The majority of the weed species are 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 AC 299 263 120 AS 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**

Data from 6 efficacy trials were submitted for review. The trials were conducted at 4 locations in Saskatchewan during a 2-year period (2005 and 2006). Control of Japanese brome grass was visually assessed 2 to 3 times during the growing season. Mean control of Japanese brome grass following an application of AC 299 263 120 AS at a rate of 20 g a.e./ha 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 supported a claim of suppression for Japanese brome grass with AC 299 263 120 AS Herbicide at the rate of 20 g a.e./ha.

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 AC 299 263 120 AS 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.

ISSN: 1911-8082

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