

Evaluation Report for Category B, Subcategory B.3.11 Application (New or Changes to Pests)

Application Number: 2013-6402
Application: Category B, Subcategory B.3.11 (new or changes to product label – new pests)
Product: Assure II Herbicide
Registration Number: 25462
Active ingredients (a.i.): 96 g/L quizalofop-p-ethyl
PMRA Document Number : 2383168

Background

Assure II Herbicide is a selective post-emergent herbicide that is currently registered for use on multiple crops, most of which are broadleaved crops, for control or suppression of labelled annual and perennial grass weeds. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

Purpose of this application is to amend the Assure II Herbicide label to include a claim of downy brome control at the labelled rate of 0.5 L/ha.

Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

Value Assessment

Value information including data from two field trials conducted in Oregon in 1998 demonstrated that mean downy brome control with Assure II Herbicide at 0.5 L/ha achieved 91% at 49 days after treatment. Therefore, inclusion of a claim of downy brome control on the Assure II Herbicide label is supported.

The registrant indicates that downy brome is becoming increasingly troublesome in cropland in the Canadian Prairies. The inclusion of the claim of downy brome control on the Assure II Herbicide label will provide farmers with an effective tool for post-emergence control of this weed in an array of crops.

Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Assure II Herbicide to include the claim of downy brome control at the 2-5 leaf stage.

Reference

List of Studies/Information Submitted by Registrant

PMRA No. 2364583 2013, control of downy brome (*Bromus tectorum*) with quizalofop-p-ethyl,
DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.2(B), 10.2.3.3,
10.2.3.3(B), 10.2.3.4, 10.2.3.4(B), 10.3.1, 10.3.2, 10.3.2(A), and 10.3.3.

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