

Evaluation Report for Category C, Subcategory C.3.11 Application (New or Changes to Product Label – New Pest)

Application Number: 2010-1256
Application: Category C, Subcategory C.3.11 (new or changes to product label – new pests)
Product: Solo WDG Herbicide
Registration Number: 25496
Active ingredients (a.i.): 70% imazamox
PMRA Document Number : 1915697

Background

Solo WDG Herbicide is presently registered at a rate of 20 g a.i./ha applied with Merge Adjuvant at 0.5% v/v for broadleaf weed and grass control in field peas, Clearfield canola, Clearfield lentils, and Clearfield sunflower. The presently labelled weeds are: barnyard grass, cleavers, cow cockle, green foxtail, green smartweed, Japanese brome grass, kochia, lamb's-quarters, Persian darnel, redroot pigweed, shepherd's purse, stinkweed, volunteer barley, volunteer canary seeds, volunteer canola, volunteer durum wheat, volunteer spring wheat, volunteer tame oats, wild buckwheat, wild mustard, wild oats, yellow foxtail. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

BASF Canada Inc has applied to amend the registration of Solo WDG Herbicide to include a control claim for Russian thistle and a suppression claim for round-leaved mallow.

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 or the use pattern.

Environmental Assessment

An environmental assessment was not required as there was no change to the use pattern.

Efficacy data from 16 trials demonstrate that the treatment of 20 g a.i./ha Solo WDG Herbicide + 0.5% v/v Merge Adjuvant provided an acceptable level of Russian thistle control ranging from 84-94% at 14-27 days after treatment (DAT) and 80-92% at 42-74 DAT and an acceptable level of round-leaved mallow suppression ranging from 68-95% at 14-27 DAT and 75-95% at 42-74 DAT. Therefore, a control claim for Russian thistle and a suppression claim for round-leaved mallow were supported for labeling.

Crop tolerance data are not required for an application to add new pest claims.

Conclusions

The 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 control claim for Russian thistle and a suppression claim for round-leaved mallow.

Reference

List of Studies/Information Submitted by Registrant

- PMRA # 1884119: Application for the addition of suppression of round-leaved mallow (*Malva pusilla*) and control of Russian thistle (*Salsola kali*) to the Solo 70 WDG Herbicide label. BASF. March 29, 2010. DACO 10, Value. pp. 28.
- PMRA # 1884126: Trial reports. BASF. DACO 10.2.3.3. pp. 38.
- PMRA # 1884129: Trial reports. BASF. DACO 10.2.3.3. pp 33.

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