

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

Application Number: 2009-4606
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 : 1913181

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 tank mixture of Solo WDG Herbicide + Basagran Forte Liquid Herbicide + 28% UAN is labelled for a broader spectrum weed control, including volunteer Clearfield canola, wild buckwheat, and wild mustard (Group 2 resistant), in field peas. 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 lentils (including Clearfield lentils) and a suppression claim for cleavers (including Group 2 resistant biotypes) when tank mixing with Basagran Forte Liquid Herbicide + 28% UAN in field peas.

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 there was no change to the use patterns.

Value Assessment

Efficacy data from 5 trials demonstrate that the tank mixture of 20 g a.i./ha Solo WDG Herbicide plus 429 g a.i./ha Basagran Forte Herbicide plus 2 L/ha 28% UAN provided an acceptable level of lentil control (including Clearfield lentils) with a mean control of 93.9% at 21-30 DAT and 95.8% at 40-63 DAT over 5 trials. Therefore, a control claim for lentils (including Clearfield lentils) with the requested tank mixture was supported for labeling.

Efficacy data from 9 trials demonstrate that the tank mixture of 20 g a.i./ha Solo WDG Herbicide plus 429 g a.i./ha Basagran Forte plus 1 or 2 L/ha 28% UAN provided an acceptable

level of cleavers control (including Group 2 resistant biotypes) with a mean control of 86.9% at 21-30 DAT and 89.5% at 40-63 DAT over 12 data points. Therefore, a suppression claim for cleavers with the requested tank mixture was supported for labelling.

Crop tolerance data were 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 volunteer lentils (including Clearfield lentils) and a suppression claim for cleavers (including Group 2 resistant biotypes) with the requested tank mixture.

Reference

List of Studies/Information Submitted by Registrant

- PMRA # 1823617: 2009, Application for the addition of control of lentils and suppression of cleavers to the Solo WDG Herbicide label when tank mixed with Basagran Forte Liquid Herbicide + 28% UAN in field peas. DACO 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3, 10.3, 10.3.3, 10.4, 10.5.
- PMRA # 1823620: 2009, Trial reports. DACO 10.2.3.3.

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