

Solo ADV II Evaluation Report for Category B Streamlined, Subcategory 3.10 and 3.11 Application

Application Number: 2021-6660
Application: Category B, Subcategory 3.10 and 3.11 Application (new or changes to product labels – tank mixes and new pests)
Product: Solo ADV II
Registration Number: Reg. No. 33720
Active ingredient (a.i.): imazamox [IMZ]
PMRA Document Number: 3357886

Background

Solo ADV II is a selective herbicide that can be applied as an early post-emergent treatment to Clearfield lentil, Clearfield sunflower and soybean for the control of grassy and broadleaf 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

The purpose of this application was to amend the registration of Odyssey NXT II per the following:

1. Add downy brome for control using Solo ADV II applied at 0.8 L/ha post-emergent in labelled crops.
2. Re-instate Assure II Herbicide (Reg. No. 25462) as a tank mix partner that may be used in place of currently registered herbicides Caziva Ultra Q (Reg. No. 34282) or Yuma GL Liquid EC Herbicide (Reg. No. 30100) for additional grassy weed control.
3. Add the following efficacy claims for control using Solo ADV II applied at 0.8 L/ha in tank mixture with Assure II Herbicide, Yuma GL Liquid EC Herbicide or Caziva Ultra Q applied at 0.38 L/ha.

Control of Japanese brome, downy brome and foxtail barley.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and Environmental assessments were not required since the use pattern, including host crops, application rates and timings of the product, remained unchanged.

Value Assessment

The addition of control claims for Japanese brome, downy brome and foxtail barley using Solo ADV II alone and/or in tank mixture with a lower registered rate of quizalofop-p-ethyl will provide a viable and/or more economical option for growers to control these troublesome weeds in a variety of labelled crops. Further, re-instating Assure II Herbicide as a tank mix partner option will allow growers to select their preferred and/or available quizalofop-p-ethyl herbicide to use with Solo ADV II.

Efficacy data from field trials, rationales and former registrations demonstrated that Assure II Herbicide has acceptable value as a tank mix partner for Solo ADV II, and that adequate control would be expected for downy brome with Solo ADV II applied alone, or for all three weeds with Solo ADV II applied in tank mixture with a lower registered rate of quizalofop-p-ethyl.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Solo ADV II to include the requested label claims.

References

PMRA Doc Number	Reference
3304068	2021, Application to Amend the SOLO ADV II Tank Mix label with Assure Herbicide to Include Control of Japanese Brome, Downy Brome, and Foxtail Barley, DACO: 10.1, 10.2, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3(B), 10.4, 10.5, 10.5.2, 10.5.3, 10.5.4.
3304072	2021, Individual Trial Reports, DACO: 10.2.3.3(B).

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