

## **Odyssey NXT II**

### **Evaluation Report for Category B Streamlined, Subcategory 3.10 and 3.11 Application**

**Application Number:** 2021-6506  
**Application:** Category B, Subcategory 3.10 and 3.11 Application (new or changes to product labels – tank mixes and new pests)  
**Product:** Odyssey NXT II  
**Registration Number:** Reg. No. 33678  
**Active ingredient (a.i.):** imazethapyr / imazamox [IMP / IMZ]  
**PMRA Document Number :** 3357876

#### **Background**

Odyssey NXT II is a selective herbicide that can be applied as an early post-emergent treatment to numerous crops 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 Caziva Ultra Q (Reg. No. 34282) as a tank mix partner that may be used in place of currently registered herbicides Assure II Herbicide (Reg. No. 25462) or Yuma GL Liquid EC Herbicide (Reg. No. 30100) for additional grassy weed control.
2. Add the following efficacy claims for control or suppression using Odyssey NXT II applied at 43 g/ha in tank mixture with Assure II Herbicide, Yuma GL Liquid EC Herbicide or Caziva Ultra Q applied at 0.38 L/ha + Merge Adjuvant applied at 0.5% v/v.

Control of Japanese brome, downy brome, yellow foxtail and foxtail barley.  
Suppression of quackgrass.

#### **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, yellow foxtail and foxtail barley and a suppression claim for quackgrass using Odyssey NXT II + a lower registered rate of quizalofop-p-ethyl + Merge Adjuvant will provide a more economical option for growers to control these troublesome weeds in a variety of labelled crops. Further, adding Caziva Ultra Q as a tank mix partner option will allow growers to select their preferred and/or available quizalofop-p-ethyl herbicide to use with Odyssey NXT II.

Efficacy data from field trials, rationales and existing registrations demonstrated that Caziva Ultra Q has acceptable value as a tank mix partner for Odyssey NXT II, and that adequate control or suppression would be expected for all five weeds, as requested, with Odyssey NXT II applied in tank mixture with a lower registered rate of quizalofop-p-ethyl + Merge Adjuvant.

### **Conclusion**

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

### **References**

<b>PMRA Doc Number</b>	<b>Reference</b>
3300100	2021, Application to Amend the Odyssey NXT II Tank Mix label with Assure Herbicide to Include Control of Japanese Brome, Downy Brome, Foxtail Barley and Yellow Foxtail, and Suppression of Quack grass, 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.
3300102	2021, Individual Trial Reports, DACO: 10.2.3.3(B).

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