

## **Odyssey Water Dispersible Granular Herbicide Evaluation Report for Category C Streamlined, Subcategory 3.10 Application**

**Application Number:** 2013-2041  
**Application:** Category C, Subcategory C.3.10 Application (addition of a tank mix)  
**Product:** Odyssey Water Dispersible Granular Herbicide  
**Registration Number:** 25111  
**Active ingredients (a.i.):** imazamox / imazethapyr [IMZ / IMP]  
**PMRA Document Number:** 2319366

### **Background**

Odyssey Water Dispersible Granular Herbicide (hereafter referred to as Odyssey; Reg. No. 25111) has been registered since April 24, 1997. Odyssey is a water dispersible granular herbicide containing the active ingredients imazethapyr and imazamox in a 1:1 ratio. It provides selective post-emergence grassy and broadleaf weed control in several crops, including field peas, Clearfield (henceforth referred to as CL) lentils, CL canola, and soybeans. Odyssey belongs to the imidiazolinone chemical family and is classified as a Weed Science Society of America (WSSA) Group 2 herbicide. 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 Odyssey to include the tank mixture of Odyssey (30 g ae/ha) + Poast Ultra Herbicide (144 - 212 g ai/ha) + Merge Adjuvant (0.5% v/v) for the post-emergence control of grassy and broadleaf weeds in field peas, CL lentils, CL canola and soybeans. The value of the proposed treatment relates to its utility as a resistance management tool (tank mix includes a WSSA Group 1 + Group 2 Herbicide) in addition to providing control of volunteer CL wheat.

### **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 component products remain unchanged.

## **Value Assessment**

A rationale plus a database summary (created from field trials that were conducted between 1999 and 2004 in Alberta, Saskatchewan and Manitoba in field peas, CL lentils and CL canola) were provided to support the registration request. The information were sufficient to support an amendment to the registration of Odyssey to include the tank mixture of 30 g ae/ha Odyssey + 144 - 212 g ai/ha Poast Ultra + 0.5% v/v 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 to include a tank mixture with Poast Ultra Herbicide + Merge Adjuvant for resistance management and the additional control of volunteer CL wheat.

## References

### PMRA

#### Document Number

#### Reference

|         |   |
|---------|---|
| 2291642 | 2013, Application for ODYSSEY WDG Herbicide + POAST ULTRA Liquid Emulsifiable Herbicide Tank Mix in Field Peas, CLEARFIELD Lentils, CLEARFIELD Canola and Soybeans, DACO: 10.1,10.2,10.2.3,10.2.3.1,10.2.3.3,10.3,10.3.1,10.3.2 |
|---------|---|

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2013

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.