



## Evaluation Report for Category B, Subcategory 3.5 Application

**Application Number:** 2007-0220  
**Application:** Category B, B.3.5-S-A-EP  
**Product:** Odyssey WDG Herbicide  
**Registration Number:** 25111  
**Active ingredients (a.i.):** Imazamox/Imazethapyr (herbicide)  
**PMRA Document Number:** 1596579

### Background

The end use product Odyssey Water Dispersible Granular Herbicide (PCP # 25111) contains two active ingredients, imazamox and imazethapyr. Odyssey WDG Herbicide is registered for use in the Prairie Provinces and Peace River Region of British Columbia for the control of certain grass and broadleaf weeds in field peas, fenugreek (for seed uses only), imazethapyr and imazamox tolerant canola, imazamox and imazethapyr tolerant lentils, and seedling and established alfalfa grown for seed.

### Purpose of Application

The purpose of this submission is to add corn as a rotational crop to the Odyssey WDG Herbicide label.

### Chemistry and Environmental Assessments

A chemistry assessment was not required because there was no change to the product chemistry. An environmental assessment was not required because the use pattern, application rates and timings remain unchanged.

### Health Assessments

A toxicology assessment is not required as there was no change in the product formulation. An occupational/bystander exposure assessment is not required since the use pattern and application rates remain unchanged.

To support the new crop rotation statement on the Odyssey WDG Herbicide label, no new data were submitted. Data on file was used to support the addition of field corn as a rotational crop to the Odyssey WDG Herbicide label. Following the evaluation of the label amendment, there is no indication this label amendment will lead to measurable residues of imazamox or imazethapyr in

field corn planted as a rotational crop with a plant back interval of 11 to 12 months; therefore, residues of imazamox and imazethapyr are expected to be covered by subsection B.15.002(1) of Division 15 of the FDAR. No increase in dietary exposure is anticipated.

### **Value Assessment**

Data were submitted from 10 field trials conducted in 2004 and 2005 in five locations across Manitoba, Saskatchewan and Alberta in which field corn was planted to soil on which Odyssey WDG herbicide had been applied to spring wheat in the preceding year, with the application to planting interval ranging from 306-370 days.

Visually assessed crop injury was less than 5% in all but one trial at the 1x rate when assessed from 14-91 days after planting. Rotational crop emergence and yield in all Odyssey WDG treatments were similar to that of the untreated check treatment.

### **Conclusion**

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Odyssey WDG Herbicide to include field corn as rotational crop with an 11 month interval between application and planting.

### **References**

2006. Odyssey WDG Herbicide - Application for corn as a rotational crop one year after treatment. PMRA document # 1362686

2006. Odyssey WDG Herbicide - Application for corn as a rotational crop one year after treatment. PMRA document # 1362687

2006. Odyssey WDG Herbicide - Application for corn as a rotational crop one year after treatment. PMRA document # 1362688

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