

## Evaluation Report for Category B, Subcategory 3.12 Application

**Application Number:** 2011-3266  
**Application:** Changes to Product Labels-Host  
**Product:** OcTTain XL Herbicide  
**Registration Number:** 30077  
**Active ingredients (a.i.):** 2,4-D (present as low volatile esters), fluroxypyr (present as 1-methylheptyl ester)  
**PMRA Document Number:** 2260143

### Purpose of Application

The purpose of this application was to add winter wheat as a new crop to the currently registered end-use product OcTTain XL Herbicide, containing the active ingredients fluroxypyr, present as 1-methylheptyl ester (guarantee of 90 g a.e./L) and 2,4-D, present as 2-ethylhexyl ester (guarantee of 360 g a.e.).

### Chemistry Assessment

No chemistry assessment was required for this application.

### Health Assessments

No toxicology assessment was required for this application.

All other use directions on the product label remain the same. Based on this assessment, the addition of winter wheat will not increase the dietary exposure to fluroxypyr and 2,4-D and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

An assessment was performed for individuals that may be exposed to OcTTain XL Herbicide. The proposed new use should not result in risks of concern to the active ingredients, 2,4-D and fluroxypyr. No unacceptable risk is expected when workers follow the label directions and wear the personal protective equipment identified on the label.

## **Environmental Assessment**

As the proposed rates were equal to current registered rates, no additional environmental risk is expected from the use of this product. Environmental concerns are mitigated on the existing label and through additional changes to this label.

## **Value Assessment**

In 8 trials conducted in the prairie region of Canada over 1 year the tolerance of winter wheat was visually assessed as percent injury to spring treatments of Starane II (a.i. fluroxypyr) plus 2,4-D ester. Grain yield was reported in one trial to confirm the qualitative assessments.

The crop tolerance data for the Starane II plus 2,4-D ester tank mix treatment was considered relevant and supportive to the subject application for OcTTain XL Herbicide given that the tank mix and OcTTain XL contain the same active ingredients (i.e., fluroxypyr and 2,4-D ester) and the tested rates exceeded the application rate for OcTTain XL Herbicide.

Qualitative assessments of injury, assessed as growth inhibition, chlorosis and delay in maturity in combination with quantitative assessment of yield indicated that winter wheat can be expected to exhibit adequate tolerance to OcTTain XL Herbicide applied in accordance with the label.

## **Conclusion**

The PMRA has completed an assessment of the available information and is able to support the addition of winter wheat to the OcTTain XL Herbicide label.

## References

PMRA  
Document  
No.

Reference

- |         |   |
|---------|---|
| 2085068 | 2011, Value Summary - Addition of Winter Wheat to Starane II label, DACO: 10.1,10.2.3.3 |
| 2085069 | 2011, Crop Tolerance of Winter Wheat (fluroxypyr products), DACO: 10.3.2                |

ISSN: 1911-8082

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