

## Evaluation Report for Category B, Subcategory B.3.12 Application

**Application Number:** 2012-5643  
**Application:** Changes to Product Labels, New Site  
**Product:** OcTTain XL Herbicide  
**Registration Number:** 30077  
**Active ingredients (a.i.):** Fluroxypyr (present as 1-methylheptyl ester)  
2,4-D (Present as low volatile esters)  
**PMRA Document Number :** 2382022

### Purpose of Application

The purpose of this application was to remove the geographic restriction “for use and sale in the Prairie Provinces and Peace River Region of British Columbia only” for OcTTain XL Herbicide (Registration Number 30077), which is registered for use on spring wheat, durum wheat, winter wheat and spring barley. All other use directions (i.e., application method, timing of application, weed claims, host crop claims, application rates, etc.) remain the same.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

Toxicological and occupational exposure assessments were not required for this application.

No new residue data for fluroxypyr and 2,4-D were submitted in support of the removal of geographic restriction for use of Octtain XL Herbicide on wheat (spring, durum and winter), spring barley. Data on file support the national use of Octtain XL Herbicide. The use of Octtain XL Herbicide is not expected to increase the magnitude of fluroxypyr and 2,4-D residues in/on these crops. Therefore, the dietary exposure to fluroxypyr and 2,4-D is not expected to increase and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

### Environmental Assessment

The change to the product label to include national registration will not result in an increase in environmental risk. Fluroxypyr will pose a limited risk to estuarine/marine organisms provided all precautionary measures, including no spray buffer zones, are followed. Environmental risks have been mitigated through adequate label statements.

## Value Assessment

The removal of geographic restrictions for the sale and use of this herbicide in Canada is acceptable from a value perspective. Expanding the permitted use areas for OcTTain XL Herbicide will afford cereal / forage grass growers in eastern Canada greater weed management options, which may also contribute to improved weed resistance management strategies.

## Conclusion

The removal of the geographic sale and use restrictions for OcTTain XL Herbicide was approved.

## References

- 2259496 1994, Fluroxypyr: acute toxicity to the silverside, *Menidia beryllina*, DACO: 9.5.2.4
- 2259497 1996, Fluroxypyr 1-methylheptyl ester: acute toxicity to the sheepshead minnow, *Cyprinodon variegatus*, DACO: 9.5.2.4
- 2259498 1996, Fluroxypyr 1-methylheptyl ester: the toxicity to *Skeletonema costatum*, DACO: 9.8.3

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