

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

**Application Number:** 2012-5639  
**Application:** Changes to Product Labels, New Site  
**Product:** Starane II Herbicide  
**Registration Number:** 29463  
**Active ingredients (a.i.):** Fluroxypyr (present as 1-methylheptyl ester)  
**PMRA Document Number :** 2381868

### 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 Starane II Herbicide (Registration Number 29463) which is registered for use on spring wheat, durum wheat, winter wheat, spring barley and oats. 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 were submitted in support of the removal of geographic restriction for use of Starane II Herbicide on wheat (spring, durum and winter), spring barley, and oats. Data on file support the national use of Starane II Herbicide. The use of Starane II Herbicide is not expected to increase the magnitude of fluroxypyr residues in/on these crops. Therefore, the dietary exposure to fluroxypyr 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 Starane II Herbicide

will afford cereal / rangeland / pasture 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 Starane II 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

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2014

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.