



## Evaluation Report for Category B, Subcategory 3.4 Application

**Application Number:** 2011-2831  
**Application:** New or Changes to the Application Method  
**Product:** Starane II Herbicide  
**Registration Number:** 29463  
**Active ingredients (a.i.):** fluroxypyr (present as 1-methylheptyl ester) / Herbicide  
**PMRA Document Number :** 2213817

### Purpose of Application

The purpose of this submission was to add an aerial application claim and to amend the spray volume for ground application to both product labels to the Master Product label for Starane II Herbicide (Reg. No. 29463).

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

An assessment was performed for individuals that may be exposed to Starane II Herbicide during aerial application. The new use should not result in risks of concern to the active ingredient fluroxypyr. No unacceptable risk is expected when workers follow the label directions and wear the personal protective equipment identified on the label.

No new residue data were submitted for fluroxypyr to support the addition of an aerial application claim and to amend the spray volume for ground application to the Starane II Herbicide label. All other use directions on the product label remain the same. Based on this assessment, the noted changes to the Starane II Herbicide label will not increase the dietary exposure to fluroxypyr and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

A toxicology assessment was not required for this application.

### Environmental Assessment

An environmental assessment of Starane II Herbicide for aerial application on spring wheat, durum wheat, winter wheat and spring barley has concluded that no-spray buffer zones are required for the protection of aquatic and terrestrial habitats, respectively. Environmental concerns have been mitigated through adequate statements on the product label.

## Value Assessment

Confirmatory data from 17 efficacy trials and 19 crop tolerance trials conducted in 2 provinces (Alberta and Manitoba) over 2 years (2006 and 2007) were submitted to support the option of applying Starane II Herbicide by aerial application and to amend the spray volume for ground application.

The submitted data confirmed that Starane II Herbicide can be applied in a spray volume of 30-50 L/ha for aerial application and in a spray volume of 50-100 L/ha for ground application without compromising efficacy or crop safety.

## Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, Starane II Herbicide, and has found the information sufficient to add an aerial application claim and to amend the spray volume for ground application to both product labels to the Master Product label for Starane II Herbicide.

## References

| <b>PMRA Document Number</b> | <b>Reference</b>  |
|-----------------------------|---|
| 2076326                     | 2011, Starane II Field Trial Reports, DACO: 10.2.3.3,10.3.2                           |
| 2078921                     | 2011, Value Summaries - Starane II, Sub no. 2011-2831, aerial application, DACO: 10.1 |

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