

## Evaluation Report for Category B, Subcategory 3.10 and 3.11 Application

**Application Number:** 2008-5007  
**Application:** New product label – tank-mix and new pests  
**Product:** Reclaim B Herbicide  
**Registration Number:** 29750  
**Active ingredients (a.i.):** 2,4-D present as 2-ethylexyl ester (DXF)  
**PMRA Document Number:** 1915507

### Purpose of Application

The purpose of this application was to register a new commercial herbicide, Reclaim B Herbicide, which will be packaged with its tank-mix partner Reclaim A Herbicide (Submission Number 2008-5008; aminopyralid and metsulfuron-methyl). The active ingredient in Reclaim B Herbicide is 2,4-D. The formulation for Reclaim B Herbicide is a 100 % repack of 2,4-D LV 600 Emulsifiable Concentrate (Registration Number 9650). The intended use for the tank-mix is for the control of western snowberry, wild rose, shrubby cinquefoil, silverberry, broadleaf weeds and invasive plants on rangeland and permanent pasture.

2,4-D has undergone re-evaluation (RVD2008-11) and Aminopyralid Technical Herbicide (Registration Number 28136) is currently conditionally registered.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

A toxicology assessment was not required for this application.

The use of Reclaim B Herbicide should not result in an increase in potential occupational or bystander exposure over the registered uses of 2,4-D. No unacceptable risk is expected when workers follow the label directions and wear personal protective equipment as recommended on the label.

No new residue data were submitted to support the registration of Reclaim B Herbicide containing 2, 4-D for tank-mix use with Reclaim A Herbicide. Data on file support the use of 2,4-D on rangeland, permanent pasture, rights-of way, industrial and other non-crop areas. The use of Reclaim B Herbicide will not result in the residues of 2,4-D exceeding the established MRLs in livestock commodities. Therefore, the dietary exposure 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**

An environmental assessment of Reclaim Herbicide Tank-Mix, composed of Reclaim A Herbicide and Reclaim B Herbicide was not required since the use pattern (application rates, number of applications and use areas) is encompassed by the uses currently registered. The aerial application method for metsulfuron-methyl represents a new application method for this active and aerial buffer zones were calculated and are required on the tank-mix booklet. The buffer zones for the protection of freshwater habitat are based on aminopyralid (ground and aerial) and the buffer zones for the protection of terrestrial habitat are based on metsulfuron-methyl (ground and aerial). Environmental concerns are adequately mitigated provided that the required statements are added on the tank-mix booklet.

### **Value Assessment**

The efficacy data submitted for review support the labelled weed claims and support extended control for 24 months after application for certain labelled weeds, when applied by ground or by air. Crop injury, assessed as percent overall injury, was either slight or not detectable following application of Reclaim Herbicide Tank-Mix, to pasture grasses in accordance with the label.

### **Conclusion**

The PMRA has completed an assessment of available information for Reclaim B Herbicide and has found the information sufficient to support the registration of Reclaim B Herbicide. Reclaim B Herbicide is to be packaged with its tank-mix partner Reclaim A Herbicide (Submission Number 2008-5008), which has been granted a conditional registration pending the conversion of Aminopyralid Technical Herbicide from conditional to full registration. Since Reclaim B Herbicide is only to be used with Reclaim A Herbicide, it too is granted a conditional registration.

## References

1668728 2008, GF2050 Herbicide for control of annual and perennial broadleaf noxious and invasive weeds and shrubs in Rangeland and Permanent Pasture, Non-cropland and Industrial Vegetation Management Areas in Canada, DACO: 10.2.3.3.

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