

## **DB-1254 Herbicide**

### **Evaluation Report for Category C Streamlined, Subcategory C.3.11**

### **Application**

**Application Number:** 2011-0654  
**Application:** Streamlined Category C.3.11  
**Product:** DB-1254 Herbicide  
**Registration Number:** 29515  
**Active ingredients (a.i.):** dicamba/thifensulfuron-methyl[DIC/MMM]  
**PMRA Document Number English PDF:** 2061096

#### **Background**

DB-1254 Herbicide (Reg. No. 29515) is registered for post emergence use on wheat (spring and durum), spring barley and oats for the control of certain broadleaf weeds. DB-1254 Herbicide is for use in the Prairie Provinces and the Peace River Region of BC only.

#### **Purpose of Application**

The purpose of this application was to amend the registration of DB-1254 Herbicide to include a claim of control for flixweed and to extend the window of control for wild buckwheat from the 1-3 leaf stage to the 1-6 leaf stage. The registered application rate remains unchanged, and there is no change to crop or crop growth stage.

#### **Chemistry, Health and Environmental Assessment**

A chemistry assessment was not required since there was no change to product chemistry. Health and Environmental Assessments were not required since the use pattern, including host crops, rates and timings remain unchanged.

#### **Value Assessment**

The data from eight trials conducted in western Canada were submitted in which the efficacy of DB-1254 Herbicide applied post emergence at 85 g a.i./ha in spring (including durum) wheat and spring barley for the control of flixweed and wild buckwheat was evaluated.

The efficacy data provided demonstrate that consistent control of flixweed can be expected following a post emergence application of PP-23235 Herbicide. The data also support extending the window of control of wild buckwheat from the 1-3 leaf stage to the 1-6 leaf stage.

#### **Conclusion**

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of DB-1254 Herbicide to include a claim of control for flixweed and wild buckwheat (from the 1-6 leaf stage).

## **References**

PMRA # 2010458      2011, DB-1254 Herbicide for Control of Flixweed and 1-6 leaf Wild Buckwheat, DACO: 10.2.3.3,10.2.3.3(B),10.3.2(A)

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