



## Evaluation Report for Category B, Subcategory 3.11, 3.12 Application

**Application Number:** 2010-6257  
**Application:** B.3.11 (Product labels - new pests)  
B.3.12 (Product labels - new site or host)  
**Product:** Distinct Herbicide  
**Registration Number:** 25811  
**Active ingredients (a.i.):** Diflufenzopyr (DFF), Dicamba (DIC)  
**PMRA Document Number:** 2173368

### Purpose of Application

The purpose of this application was to amend the registration of Distinct Herbicide (Registration number 25811) to include post-harvest and chemfallow applications in tank mix with glyphosate at a use rate of 100 - 200 g a.e./ha Distinct Herbicide plus 450-900 g a.e./ha glyphosate plus either 0.5 L/ha Merge **or** 0.25% v/v non-ionic surfactant plus 1.25% v/v UAN. An amendment was also proposed to extend the use to western Canada.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

The use of Distinct Herbicide on chemfallow and post-harvest fields is not expected to result in an increase in the potential exposure for mixers, loader, applicators or post-application re-entry workers over currently registered uses of dicamba and diflufenzopyr.

### Environmental Assessment

There are no environmental issues associated with the addition of chemfallow and post-harvest control of weeds to the Distinct Herbicide label, as application rate and methods have not changed from those previously registered. No further environmental review is required.

### **Value Assessment**

Efficacy data were provided from replicated small plot field trials conducted in 2009-2010 in locations throughout western Canada to support additional control claims in summer fallow and post-harvest applications. Data were provided to adequately demonstrate control of kochia and suppression of dandelion with an application of 100 g a.e./ha Distinct Herbicide in tank mix with 450-900 g a.e./ha glyphosate plus either Merge (0.5L/ha) **or** a registered non-ionic surfactant (such as Agral 90), plus UAN to the Distinct Herbicide label.

In addition, a rationale was provided to support control claims for those weeds listed on the Distinct Herbicide label with control claims at the 200 g a.e./ha use rate when tank mixed with 450-900 g a.e./ha glyphosate plus either Merge (0.5L/ha) **or** a registered non-ionic surfactant (such as Agral 90).

### **Conclusion**

The PMRA has completed an assessment of the available information and is able to support the addition of post-harvest and chemfallow applications in tank mix with glyphosate, as well as use in western Canada, to the label of Distinct Herbicide.

**References**

PMRA No.	Reference
1998139	2010, DISTINCT Herbicide - Application to Register DISTINCT Herbicide for Broadleaf Weed Control in Chem-fallow and Post-harvest Crop-free Land, DACO: 10.1,10.2,10.2.1,10.2.2,10.2.3,10.2.3.1,10.2.3.3,10.2.3.4,10.3,10.3.1, 10.3.2, 10.3.3,10.4,10.5,10.5.1
1998140	2010, DISTINCT Herbicide - Application to Register DISTINCT Herbicide for Broadleaf Weed Control in Chem-fallow and Post-harvest Crop-free Land, DACO: 10.1,10.2,10.2.1,10.2.2,10.2.3,10.2.3.1,10.2.3.3,10.2.3.4,10.3,10.3.1, 10.3.2, 10.3.3,10.4,10.5,10.5.1
1998141	2010, DISTINCT Herbicide - Application to Register DISTINCT Herbicide for Broadleaf Weed Control in Chem-fallow and Post-harvest Crop-free Land, DACO: 10.1,10.2,10.2.1,10.2.2,10.2.3,10.2.3.1,10.2.3.3,10.2.3.4,10.3,10.3.1, 10.3.2, 10.3.3,10.4,10.5,10.5.1

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