

## Evaluation Report for Category B, Subcategory B.3.11 Application (New or Changes to Product Label – New Pests)

**Application Number:** 2015-1001  
**Application:** Category B.3.11 (New or changes to product label – New pests)  
**Product:** Distinct Herbicide  
**Registration Number:** 25811  
**Active ingredients (a.i.):** 20% diflufenzopyr and 50% dicamba, both present as sodium salts  
**PMRA Document Number :** 2532473

### Background

Distinct Herbicide is a wettable granular formulation which contains 20% diflufenzopyr and 50% dicamba, both present as sodium salts. It is registered for the post-emergence control of broadleaf weeds in corn, chemfallow, and post-harvest. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

### Purpose of Application

The purpose of this application was to include claims of control of redroot pigweed and lamb's-quarters for the registered tank mixture of Distinct Herbicide at 143 g/ha + glyphosate herbicide at 450-900 g a.e./ha + Merge Adjuvant at 0.5 L/ha or NIS (non-ionic surfactant) at 0.25% v/v + UAN at 1.25% v/v in chemfallow and post-harvest.

### Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

### Value Assessment

The requested amendment would allow farmers to manage redroot pigweed and lamb's-quarters with the lower rate of Distinct Herbicide in tank mix with glyphosate herbicide in chemfallow and post-harvest. Value information, which included data from ten field trials conducted in the Canadian Prairies between 2009-2014, demonstrated that the tank mixture of Distinct Herbicide at 143 g/ha + glyphosate herbicide at 450 g a.e./ha + Merge Adjuvant at 0.5% v/v or NIS at 0.25% v/v + UAN at 1.25% v/v provided acceptable control of redroot pigweed and lamb's-quarter.

### Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Distinct Herbicide as requested.

### Reference

List of Studies/Information Submitted by Registrant

PMRA # 2511857 2015, Application to amend the labeled weeds to include control of redroot

pigweed and lambs-quarters in a chemfallow application, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3, 10.3, 10.3.3, 10.4, 10.5, 10.5.1, 10.5.2, 10.5.3, and 10.5.4.

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