



## Evaluation Report for Category B.2.6 Application

**Application Number:** 2010-1147  
**Application:** New combination of Technical Active Grade Ingredients  
**Product:** PP-Q50-882 Herbicide  
**Registration Number:** 30583  
**Active ingredients (a.i.):** Metsulfuron-Methyl, Tribenuron-Methyl, Thifensulfuron-Methyl, Quinclorac  
**PMRA Document Number:** 2201844

### Purpose of Application

The purpose of this an application was to register a new commercial end-use product containing four active ingredients, metsulfuron-methyl, tribenuron-methyl, thifensulfuron-methyl, and quinclorac for PP-Q50-882 Herbicide for post-emergent application in spring wheat (including durum) and spring barley grown in the Prairie Provinces and Peace River region of British Columbia for the control of broadleaf weeds.

### Chemistry Assessment

PP-Q50-882 Herbicide, is formulated as dry flowable solid containing tribenuron-methyl at 7.5 %, thifensulfuron-methyl at 7.5%, metsulfuron-methyl at 1.5%, and quinclorac at 50%. This end-use product has a density range of 0.57-0.67 g/cm<sup>3</sup> and pH range of 3.2-9.7. The product may contain the allergens sulfites and milk, and also contains two List 2 formulants. The chemistry requirements for PP-Q50-882 Herbicide are complete.

### Health Assessments

As all active ingredients are currently registered for use on spring wheat, durum wheat and spring barley at similar application rates and conditions, the registration of PP-Q50-882 Herbicide will not result in an increase in dietary exposure to these active ingredients.

The use of PP-Q50-882 Herbicide on spring wheat, durum wheat and spring barley should not result in potential occupational or bystander exposure over the registered uses of metsulfuron methyl, tribenuron methyl, thifensulfuron methyl or quinclorac. No unacceptable risk is expected when workers follow label directions and wear personal protective equipment as stated on the label.

## **Environmental Assessment**

All of the active ingredients are currently registered for use on spring wheat, durum wheat and spring barley at similar application rates and conditions, thus the registration of PP-Q50-882 Herbicide was not expected to increase environmental exposure to these active ingredients.

## **Value Assessment**

Trial data and scientific rationales were provided to support the registration of the new four-way blend end-use product PP-Q50-882 and its tank mix with MCPA Ester. Based on the data / information provided for review, VSAD can support the registration of PP-Q50-882 and its tank mix with MCPA Ester from a value perspective.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of information provided in support of PP-Q50-882 Herbicide and has found the information sufficient to grant full registration.

## References

PMRA Document Number	Reference
1650234	2008, Rationale to Support Wider Limits For DB-8454 MUP, DACO: 3.3.1 CBI
1650235	2000, Apr00 PSD Mtg Summary (Ref#2), DACO: 3.3.1
1650236	2004, DPX-GBF92 50SG, DPX-R9674 50SG and DPX-JMQ48 50SG: Homogeneous Granule Blends, DACO: 3.3.1 CBI
1667603	2008, Rationale to Support Wider Limits For DB-8454 MUP (Part II), DACO: 3.3.1 CBI
1667605	2005, Homogeneous Granule Blends - Concept and Proposal for FAO Specifications, DACO: 3.3.1 CBI
1688637	2007, Determination of Dicamba Sodium (DPX-Y0727), Nicosulfuron (DPX-V9360), Thifensulfuron Methyl (DPX-M6316), Metsulfuron Methyl (DPX-T6376), Chlorsulfuron (DPX-W4189), Rimsulfuron (DPX-E9636) and Tribenuron Methyl (DPX-L7300) in Blends of Paste Extrude
1878891	2010, PP-Q50-882 Herbicide Part 3.1 - 3.2 (Chemistry), DACO: 3.1,3.1.1,3.1.2,3.1.3,3.1.4,3.2,3.2.1,3.2.2,3.2.3
1878892	2010, PP-Q50-882 Herbicide Request for Waiver of Part 3 Chemistry Data, DACO: 3.0
2035722	2011, Rationale to Support Waiver for Enforcement Analytical Method for PP-Q50-882 Herbicide, DACO: 3.4.1
2035723	2005, Correspondence Wong to Brown - Data to support Triton C Toss-N-Go Herbicide, DACO: 3.4.1,3.5.10,3.5.14,3.5.8
2035724	2011, Rationale to Support Waiver for Chemical and Physical Properties of PP-Q50-882 Herbicide, DACO: 3.5,3.5.10,3.5.14,3.5.8
1878889	2010, Efficacy and Crop Tolerance of PP-Q50-882 Herbicide in Spring Wheat (including Durum) and Barley, DACO: 10.1,10.2.1,10.2.2,10.2.3,10.2.3.1,10.2.3.3,10.3.1,10.3.2

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