

## **DuPont SB-02 Herbicide**

### **Evaluation Report for Category B Streamlined, Subcategory 3.11 Application**

**Application Number:** 2016-8088  
**Application:** Category B, Subcategory 3.11 Application (new or changes to product labels – new pests)  
**Product:** DuPont SB-02 Herbicide  
**Registration Number:** Reg. No. 32086  
**Active ingredient (a.i.):** chlorimuron-ethyl / metribuzin [CHE / BAX]  
**PMRA Document Number:** 2773973

#### **Background**

DuPont SB-02 Herbicide contains 1.54% w/w chlorimuron-ethyl and 70.4% w/w metribuzin and is registered for pre-plant or post-plant pre-emergence control of Canada fleabane in soybean (conventional and glyphosate tolerant varieties) grown in eastern Canada. 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 amend the registration of DuPont SB-02 Herbicide to include

1. a season long control claim of dandelion when applied alone pre-plant or post-plant pre-emergence at 586 g/ha (421.5 g ai/ha) in soybean; and,
2. season long control claims of yellow woodsorrel and lady's-thumb when SB-02 Herbicide (421.5 g ai/ha) is tank mixed with glyphosate (as per labelled rate) and applied pre-plant or post-plant pre-emergence in soybean.

#### **Chemistry, Health and Environmental Assessments**

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, application rates and timings of the component products remain unchanged.

## **Value Assessment**

Dandelion, yellow woodsorrel and lady's-thumb are all agronomically important weed species that can be problematic for Canadian soybean growers. The availability of effective herbicide options is desirable for the management of these problematic weeds in soybeans.

The collective consideration of field trial data, a scientific rationale and existing precedent product registrations demonstrated that DuPont SB-02 Herbicide would be expected to control dandelion, yellow woodsorrel and lady's-thumb when applied in accordance with label directions.

## **Conclusion**

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of DuPont SB-02 Herbicide to include the requested efficacy claims.

## References

<b>PMRA Doc Number</b>	<b>Reference</b>
2711406	2016, Value Submission, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3(B), 10.2.4, 10.3, 10.3.1, 10.3.2, 10.3.2(A), 10.3.3, 10.4, 10.5.

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