

## Evaluation Report for Category B Streamlined, Subcategory 3.10 and 3.11 Application

**Application Number:** 2016-5828  
**Application:** Category B, Subcategory 3.10 and 3.11 Application (new or changes to product labels – tank mixes and new pests)  
**Product:** CS-100-2525 Herbicide  
**Registration Number:** Reg. No. 32121  
**Active ingredients (a.i.):** pyroxsulam / tribenuron-methyl / thifensulfuron-methyl [JUA / MEX / MMM]  
**PMRA Document Number:** 2722324

### Background

CS-100-2525 Herbicide contains 15% w/w pyroxsulam and 15% each of thifensulfuron-methyl and tribenuron-methyl (Group 2 Herbicide) and is registered for selective post-emergent control or suppression of broadleaf weeds and grasses in wheat (spring and durum) not underseeded to legumes or grasses grown in the Prairie Provinces and Peace River Region of British Columbia. 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 CS-100-2525 Herbicide to include the following tank mix:

CS-100-2525 Herbicide (30 g ai/ha) + a reduced rate of MCPA ester (280 g ae/ha) for post-emergent use on wheat (spring and durum) grown in the Prairie Provinces and Peace River Region of British Columbia for the additional control of white cockle, dandelion, scentless chamomile and volunteer canola (including imazethapyr tolerant canola varieties, e.g. Clearfield varieties or other varieties with the Pursuit Smart trait).

### 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**

The new tank mix will provide wheat growers in western Canada with a new treatment option to control a wider range of broadleaf weeds in a single pass across the field.

A scientific rationale was provided for review that demonstrated tank mixing CS-100-2525 Herbicide with a reduced rate of MCPA Ester would be expected to provide acceptable control of white cockle, dandelion, scentless chamomile, and volunteer canola (including imazethapyr tolerant canola varieties). Crop tolerance is not of concern since MCPA Ester is registered for post-emergent application in spring or durum wheat at a higher rate.

## **Conclusion**

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of CS-100-2525 Herbicide to include a new tank mix combination with a reduced rate of MCPA ester, for the additional control of white cockle, dandelion, scentless chamomile, and volunteer canola (including imazethapyr tolerant canola varieties).

## References

<b>PMRA Doc Number</b>	<b>Reference</b>
2683730	2016, Rationale to Support the Tank Mix of CS-100-2525 Herbicide plus a Reduced Rate of MCPA Ester, DACO: 10.2, 10.2.3, 10.2.3.1, 10.2.3.3(B).

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