

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

**Application Number:** 2018-2967  
**Application:** Category B.3.11 (New or changes to product label – New pests)  
**Product:** Boundary LQD Herbicide  
**Registration Number:** 30812  
**Active ingredient (a.i.):** S-metolachlor and metribuzin  
**PMRA Document Number:** 2915973

### Background

Boundary LQD Herbicide is registered for pre-plant surface, pre-plant incorporated, and/or pre-emergent application to control several grasses and broadleaf weeds in soybean, potato, and transplanted tomato 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 Boundary LQD Herbicide to include a claim of control of waterhemp at the label rate of 2.5 L/ha.

### 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

Value information submitted for review included data from field trials, which were conducted in Ontario during a three year period. This information demonstrated that the application of Boundary LQD Herbicide as per the label instruction can be expected to provide acceptable control of waterhemp.

The inclusion of waterhemp on the Boundary LQD Herbicide label will provide growers with another option to control waterhemp including glyphosate resistant biotypes and may aid in herbicide resistance management.

### Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the control claim of waterhemp on the Boundary LQD Herbicide label.

## References

### List of Studies/Information Submitted by Registrant

PMRA #	References
2900956	2018, GRW15A1A - Waterhemp (glyphosate resistant) control with PRE herbicides in RR soybean, DACO: 10.2.3.3.
2900957	2018, GRW17A3A - Waterhemp (glyphosate resistant) - Two-pass weed control in RR Xtend soybean I, DACO: 10.2.3.3.
2900958	2018, GRW17A3B - Waterhemp (glyphosate resistant) - Two-pass weed control in RR Xtend soybean II, DACO: 10.2.3.3.
2900959	2018, GRW17A3C - Waterhemp (glyphosate resistant) - Two-pass weed control in RR Xtend soybean III, DACO: 10.2.3.3.
2900960	2018, GRW15A1B - Waterhemp (glyphosate resistant) control with PRE herbicides in RR soybean II, DACO: 10.2.3.3.
2900961	2018, GRW15A5B - Waterhemp (glyphosate resistant) - Two-pass weed control in Enlist soybean II, DACO: 10.2.3.3.
2900962	2018, GRW15A7A - Waterhemp (glyphosate resistant) - Two-pass weed control in Liberty Link soybean I, DACO: 10.2.3.3.
2900963	2018, GRW16A1A - Waterhemp (glyphosate resistant) control with PRE herbicides in RR soybean, DACO: 10.2.3.3.
2900964	2018, GRW16A1B - Waterhemp (glyphosate resistant) control with PRE herbicides in RR soybean II, DACO: 10.2.3.3.
2900965	2018, GRW16A5B - Waterhemp (glyphosate resistant) - Two-pass weed control in Enlist soybean II, DACO: 10.2.3.3.
2900966	2018, GRW16A7A - Waterhemp (glyphosate resistant) - Two-pass weed control in Liberty Link soybean I, DACO: 10.2.3.3.
2900967	2018, GRW17A2B - Waterhemp (glyphosate resistant) - Second effective mode-of-action in RR Xtend soybean applied PP II , DACO: 10.2.3.3.

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