

## Evaluation Report for Category B, Subcategory 3.12 Application

**Application Number:** 2020-0361  
**Application:** Changes to Product Labels - New Site or Host  
**Product:** Cleat Herbicide  
**Registration Number:** 33327  
**Active ingredient (a.i.):** Tribenuron-methyl  
**PMRA Document Number:** 3147986

### Purpose of Application

The purpose of this application was to amend the label of Cleat Herbicide to include soybean and sulfonylurea (SU)-tolerant canola as host crops that can be planted after a pre-seeding application to control certain broad-leaved weeds.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

A toxicological assessment was not required for this application.

The use of Cleat Herbicide for pre-seed application to soybeans fits within the registered use pattern for tribenuron-methyl. The use of tribenuron-methyl on sulfonylurea-tolerant canola is considered an expansion of use and a mixer/loader/applicator risk assessment was conducted. No health risks of concern are expected, provided that workers wear the appropriate personal protective equipment and follow all label directions.

No new residue data for tribenuron-methyl were submitted with the current application. Previously reviewed data for tribenuron-methyl on soybeans and sulfonylurea-tolerant canola were re-assessed and found adequate to support the addition of these two new host crops to the label of Cleat Herbicide. The established Maximum Residue Limits (MRLs) of 0.05 ppm in/on dry soybeans and 0.02 ppm in/on rapeseeds (canola) are adequate to support the pre-seed application at 7.5 g a.i./ha to fields to be planted with soybeans and sulfonylurea-tolerant canola. No health risks of concern for chronic dietary exposure (food and drinking water) are expected for any segment of the population, including infants, children, adults and seniors.

## **Environmental Assessment**

The environmental risks associated with the use of Cleat Herbicide on soybean and sulfonylurea-tolerant canola are acceptable when the product is used according to the label directions.

## **Value Assessment**

The expansion of the use pattern for Cleat Herbicide in combination with glyphosate herbicide would provide Canadian growers additional option to manage grasses and broadleaf weeds early in the season in soybean and sulfonylurea tolerant canola in western Canada.

Value information submitted for review included data from replicated field research trials, which were conducted in the Canadian Prairies and North Dakota over multiple years. The information demonstrated that soybean and sulfonylurea-tolerant canola as host crops can be expected to have adequate margins of crop tolerance to Cleat Herbicide when applied pre-seeding in combination with glyphosate herbicide as per the label instructions.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the amendment to the label of Cleat Herbicide to include a pre-seeding application for the host crops soybean and sulfonylurea (SU)-tolerant canola.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
3084561	2019, Efficacy trial – Mar 1319 (2018 Cibus Timing - 68K), DACO: 10.3.2(A)
3084562	2019, Pre-plant treatments in SU canola, DACO: 10.3.2(A)
3084563	2019, Pre-plant treatments in soybean, DACO: 10.3.2(A)
3084564	2019, Pre-plant treatments in SU canola, DACO: 10.3.2(A)
3084565	2019, Pre-plant treatments in soybean, DACO: 10.3.2(A)
3084566	2019, Pre-plant treatments in soybean, DACO: 10.3.2(A)

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