

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

**Application Number:** 2022-1882  
**Application:** New Changes to Product Labels – New Pests  
**Product:** Flexstar GT Herbicide  
**Registration Number:** 30412  
**Active ingredients (a.i.):** 67 g/L a.e. Fomesafen, 271 g/L Glyphosate  
**PMRA Document Number:** 3371362

### Background

Flexstar GT Herbicide is a solution herbicide containing 67 g/L a.e. fomesafen and 271 g/L glyphosate and is registered for the non-selective burndown of certain annual and perennial grasses and certain broadleaf weeds. Additionally, Flexstar GT Herbicide is registered for the residual control of redroot pigweed and common ragweed in glyphosate-tolerant soybeans.

### Purpose of Application

The purpose of the subject application is to amend the Flexstar GT Herbicide label to include waterhemp, tall and common (including glyphosate resistant biotypes) as a weed controlled during burndown application as well as residual control.

### Chemistry, Health and Environmental Assessment

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

### Value Assessment

The applicant submitted a value summary on the use of Flexstar GT Herbicide on waterhemp, tall and common (including glyphosate resistant biotypes) which details information on four small-plot field trials conducted between 2015 and 2018 in Ontario, and included a rationale based on precedent registrations. The trials directly compared the efficacy of a precedent product with a similar application rate as Flexstar GT Herbicide on glyphosate resistant waterhemp (tall and common) in glyphosate tolerant soybeans. Results from the trials demonstrated acceptable control of waterhemp (tall and common, including glyphosate resistant biotypes). Given the similarity of product application rates of the precedent product and Flexstar GT Herbicide, and the results of the field trials, efficacy of Flexstar GT Herbicide is expected to demonstrate an acceptable level of efficacy on tall and common waterhemp (including glyphosate resistant biotypes). Adding waterhemp, tall and common (including glyphosate resistant biotypes) as a weed controlled by Flexstar GT Herbicide provides growers an additional option for managing this weed in glyphosate-tolerant soybeans.

## **Conclusion**

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the inclusion of the post-emergence control of waterhemp, tall and common (including glyphosate resistant biotypes) by Flexstar GT Herbicide at the time of application.

## References

- 3350932 2022, DACO 10 VALUE SUMMARY: Efficacy for Control of Waterhemp in Soybean with Flexstar GT Herbicide, DACO: 10.1, 10.2.2, 10.5.1, 10.5.3
- 3350933 2022, Trial Summary Table for Flexstar GT Herbicide for Control of Waterhemp in Soybean, DACO: 10.2.3.1
- 3350934 2015, Waterhemp (glyphosate resistant) - Two-pass weed control in RR soybean II, DACO: 10.2.3.3
- 3350935 2017, Waterhemp (glyphosate resistant) control in soybean with UPI offers applied postemergence I, DACO: 10.2.3.3
- 3350936 2017, Waterhemp - control with Group 14 herbicides applied postemergence I, DACO: 10.2.3.3
- 3350937 2018, Waterhemp - control with Group 14 herbicides applied postemergence I, DACO: 10.2.3.3

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