

Evaluation Report for Category B, Subcategory B 3.10 Application (New or Changes to Product Label – New Tank Mixes)

Application Number: 2021-1516
Application: Category B 3.10 (New or changes to product label – new tank mixes)
Product: Voraxor Herbicide
Registration Number: 33968
Active Ingredient (a.i.): 125 g/L trifludimoxazin and 250 g/L saflufenacil
PMRA Document Number : 3262766

Background

Voraxor Herbicide is registered for burndown control and residual suppression of listed weeds in several crops, including field pea. Voraxor Herbicide is labelled for application at 48-144 mL/ha with Merge Adjuvant at 0.5% v/v in 50-100 L water/ha. 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 (1) to remove the advisory statement, “*the application of Voraxor may result in injury to field pea, but should not affect grain yield*”, and (2) to amend the Merge Adjuvant rate from 0.5% v/v to a rate range of 0.5-1.0 L/ha, regardless of spray volume.

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

The advisory statement was added on the label due to moderate injury to field pea in two of the submitted field trials when Voraxor Herbicide was initially registered. Under the present application, the applicant provided further context to the observed field pea injury and data from additional crop tolerance trials as the petition to remove the advisory statement. The information collectively demonstrated that field pea exhibits an adequate margin of tolerance to Voraxor Herbicide applied as per the label instructions. As such, the removal of the advisory statement is supported.

Value information consisting of a scientific rationale and a precedent registration of the active ingredient saflufenacil was submitted to support the amendment to the application rate of Merge Adjuvant. The information collectively supported the amendment to the Merge Adjuvant rate from 0.5% v/v to a rate range of 0.5-1.0 L/ha, regardless of the spray volume. The amendment to the Merge Adjuvant rate provide users flexibility to choose the Merge Adjuvant rate based on weed species, population, and growth stage.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the requested amendments to the registration of Voraxor Herbicide.

References

List of Studies/Information Submitted by Registrant

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| PMRA # 3218940 | 2021, Petition for application: Removal of dried field pea injury warning on Voraxor label, DACO: 10.1, 10.2, 10.3,1 0.3.1, and 10.3.2(A). |
| PMRA # 3218942 | 2021, Individual trial reports, DACO: 10.3.2(A). |
| PMRA # 3218943 | 2021, Scientific rationale supporting the amendment of the labelled rate of Merge Adjuvant on the Voraxor Label, DACO: 10.6. |

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