

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

**Application Number:** 2024-1046  
**Application:** Category B.3.10 (New or changes to product label – Tank mixes)  
**Product:** Infinity Herbicide  
**Registration Number:** 28738  
**Active Ingredients (a.i.):** 37.5 g/L pyrasulfotole and 210 g/L bromoxynil, present as mixed octanoate and heptanoate esters  
**PMRA Document Number:** 3612955

### Purpose of Application

The purpose of this application is to amend the registration of Infinity Herbicide to include the amendments that are listed below:

1. Add the general tank mix statement as per the published PMRA Guidance Document – Tank Mix Labelling.
2. Include additional tank mixing statements to accompany the general tank mixing statement above.
3. Replace Horizon Herbicide Tank Mix as a tank mix partner with Horizon NG Herbicide at 930 mL/ha for control of the listed grasses and at 1.17 L/ha for additional control of Persian darnel.
4. Add Axial Herbicide as a tank mix partner at 1.2 L/ha for control of annual grasses.
5. Add Turbocharge 2 Adjuvant and Intake Adjuvant as alternates to Turbocharge Adjuvant for tank mix with Achieve Liquid Herbicide.
6. Add Turbocharge 2 Adjuvant as an alternate to Turbocharge Adjuvant for tank mix with Achieve Liquid Herbicide + FX Herbicide.
7. Reformat the Rotational Crop Table to improve clarity.
8. Remove the pre-emergence application timing.

Other minor label amendments were also proposed.

### 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**

A thorough review of the label determined that the addition of the general tank mix statement is acceptable as it is consistent with the requirements in the PMRA Guidance Document – Tank Mix Labelling.

The inclusion of the general tank mixing statement on the label allows growers greater flexibility to select tank mixtures to control pests in labelled crops. Flexibility in the selection of tank mix partners may contribute to resistance management practices, integrated weed management programs or the control of a broader range of pests, with an associated cost- and time-savings by the user.

Other label amendments, including the addition of additional tank mixing statements, Horizon NG Herbicide and Axial Herbicide as tank mix partners, and Turbocharge 2 Adjuvant and Intake Adjuvant as alternates to Turbocharge Adjuvant for certain tank mixes, are supported based on rationales and relevant precedent registrations. Also supported were label format changes for the Rotational Crop Table and the removal of the pre-emergence application timing uses.

## **Conclusion**

The PMRA has completed an assessment of the subject application and has found the information sufficient to support all the requested label amendments.

## **References**

### List of Studies/Information Submitted by Registrant

PMRA # 3564936      2024, Infinity Herbicide: Rationale supporting the addition of registered tank-mix partners in certain cereal crops, DACO: 10, 10.1, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3(B), 10.3.1, 10.3.2, and 10.3.2(A).

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