

## Evaluation Report for Category B, Subcategory 3.10 Application

**Application Number:** 2022-0568  
**Application:** Changes to End-Use Product Label – Tank Mixes  
**Product:** AIM EC Herbicide  
**Registration Number:** 28573  
**Active ingredient (a.i.):** Carfentrazone-ethyl  
**PMRA Document Number:** 3456570

### Purpose of Application

The purpose of this application was to amend the label of AIM EC Herbicide, by adding two alternate adjuvants when applied pre-plant in mint, as well as when tank mixed with the listed tank mix partners and used per current label directions for pre-plant/pre-emergence burndown in a wide variety of crops, post-harvest burndown and weed control in fallow cropping systems.

### Chemistry and Environmental Assessment

Chemistry and environmental assessments were not required for this application.

### Health Assessments

No new residue data for carfentrazone-ethyl in crops were submitted to support the addition of Destination MSO (Reg. No. 33689) and Journey HSCO (Reg. No. 33800) as two alternate adjuvant options on the label of AIM EC Herbicide. Previously reviewed residue data in/on the crops, and from field trials conducted with carfentrazone-ethyl in the presence of a non-ionic surfactant, a crop oil concentrate, or an organosilicone wetting agent adjuvant in the spray mixture of all applications, were reassessed in the framework of this application and were considered adequate to support the uses. Therefore, no increase in residue levels are expected and established MRLs for carfentrazone-ethyl are acceptable to cover the registered uses. No health risks of concern have been identified for any segment of the population, including infants, children, adults and seniors.

Toxicology and occupational exposure assessments were not required for this application.

### Value Assessment

The provision of alternative adjuvant options allows users greater flexibility to tailor the use of AIM EC Herbicide according to their specific adjuvant preferences and adjuvant availability when used for pre-plant/pre-emergence and post-harvest burndown as well as in fallow system uses.

Confirmatory trial data, together with scientific rationales and use history information, demonstrated that Destination MSO applied at 1% v/v and Journey HSOC applied at 0.5% v/v have value when used in tank mix with AIM EC Herbicide for the cited uses.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the amendments to add alternate adjuvants to the label of AIM EC Herbicide.

## References

### PMRA

#### Document Number

#### Reference

3318472	2022, AIM EC Herbicide (PCP No. 28573): Value Summary to Add Adjuvants for Preplant, Preemergence or Post-Harvest Burndown and In-Fallow Applications, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.3.2, 10.3.3, 10.4, 10.5, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5.
3318474	2021, Adjuvant Comparison with AIM - 21-GH-A-JOURNEY-COMP-1.4, DACO: 10.2.3.3.
3318475	2021, Adjuvant Comparison with AIM - 21-GH-A-JOURNEY-COMP-1.5, DACO: 10.2.3.3.
3318476	2021, Adjuvant Comparison with AIM - 21-GH-A-JOURNEY-COMP-1.6, DACO: 10.2.3.3.
3318477	2022, Agricultural Use History AIM EC Herbicide, DACO: 10.2.4.
3318478	2021, AIM Crop Safety - Field Pea - 21-GH-A-JOURNEY-PHY-1.1, DACO: 10.3.2.
3318479	2021, AIM Crop Safety - Sunflower - 21-GH-A-JOURNEY-PHY-5.2, DACO: 10.3.2.
3318480	2021, AIM Crop Safety - Winter Wheat - 21-GH-A-JOURNEY-PHY-6.1, DACO: 10.3.2.
3318481	2021, AIM Crop Safety - Winter Wheat - 21-GH-A-JOURNEY-PHY-6.2, DACO: 10.3.2.
3318482	2021, AIM Crop Safety - Field Pea - 21-GH-A-JOURNEY-PHY-1.2, DACO: 10.3.2.
3318483	2021, AIM Crop Safety - Canola - 21-GH-A-JOURNEY-PHY-2.1, DACO: 10.3.2.
3318484	2021, AIM Crop Safety - Canola - 21-GH-A-JOURNEY-PHY-2.2, DACO: 10.3.2.
3318485	2021, AIM Crop Safety - Lentil - 21-GH-A-JOURNEY-PHY-3.1, DACO: 10.3.2.
3318486	2021, AIM Crop Safety - Lentil - 21-GH-A-JOURNEY-PHY-3.2, DACO: 10.3.2.
3318487	2021, AIM Crop Safety - Flax - 21-GH-A-JOURNEY-PHY-4.1, DACO: 10.3.2.
3318488	2021, AIM Crop Safety - Flax - 21-GH-A-JOURNEY-PHY-4.2, DACO: 10.3.2.
3318489	2021, AIM Crop Safety - Sunflower - 21-GH-A-JOURNEY-PHY-5.1, DACO: 10.3.2.

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