

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

Application Number: 2023-2528
Application: Category B.3.10 (New or changes to product label – Tank mixes)
Product: Dual II Magnum
Registration Number: 25729
Active Ingredient (a.i.): 915 g/L S-metolachlor and R-enantiomer
PMRA Document Number: 3504569

Purpose of Application

The purpose of this application is to amend the registration of Dual II Magnum 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. Removal of banded application in corn and soybean, some tank mix options, including with 10-34-0 fertilizer, and option to apply Dual II Magnum impregnated into dry bulk granular fertilizers.
4. Replace label references to *Banvel II Herbicide* as the sole dicamba tank mix partner with the generic reference, '*a dicamba product*'.
5. Amend application rates of Sencor 75 DF and/or Sencor 480 F as tank mix options on soybean and sweet white lupin.
6. Include Sencor 480 F as a new tank mix option when applied at planting or pre-emergence in sweet white lupins.
7. Include sweet corn as a host crop for Dual II Magnum applied solo post-emergence at the crop 3- to 6-leaf stage.

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 addition of additional tank mixing statements, Sencor 480 F as a tank mix partner in sweet white lupin, and the post-emergent use of Dual II Magnum applied solo on sweet corn, were supported based on rationales and relevant precedent registrations. Also supported were certain amendments to rates of Sencor 75 DF and/or Sencor 480 F as tank mix partner products in soybean and sweet white lupin based on their respective registrations.

An assessment to remove tank mix options, a subset of labelled adjuvant options, fertilizer, and use with dry bulk granular fertilizers is not required.

Conclusion

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

References

List of Studies/Information Submitted by Registrant

PMRA # 3481896 2023, DACO 10.1 Value summary - Dual II Magnum (25729) labels changes for 2022 PMRA Tank mix policy, DACO: 10.1.

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