

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

Application Number: 2022-0567
Application: Category B.3.10 (New or changes to product label – Tank mixes)
Product: Liberty 200 SN Herbicide
Registration Number: 25337
Active Ingredient (a.i.): 200 g/L glufosinate-ammonium
PMRA Document Number : 3366332

Background

Liberty 200 SN Herbicide was first registered in 1998 for the post-emergent control of a broad spectrum of grassy and broadleaf weeds in canola, corn, and soybean that are specially developed to be tolerant to glufosinate ammonium. It is recommended for application at 1.5-2.5 L/ha based on the weed spectrum. For enhanced weed control, Liberty 200 SN may be applied with AMS. 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 to amend the registration of Liberty 200 SN Herbicide to include additional tank mix options, specifically with Armezon Herbicide, Armezon PRO Herbicide, or Zidua SC Herbicide in field corn and Zidua SC Herbicide in soybean at their respective label rates, for enhanced control of labelled weeds.

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

Tank mixtures of Liberty 200 SN Herbicide with Armezon Herbicide, Armezon Pro Herbicide, and/or Zidua SC Herbicide are acceptable for use on field corn and/or soybean since the use patterns of these tank mixtures are consistent with those that are registered for each of the tank mix partners and the labels of Armezon Herbicide, Armezon Pro Herbicide, and Zidua SC Herbicide do not contraindicate the use in tank mix with other herbicides not recommended on their labels. The conclusions were corroborated with data from efficacy and dedicated crop tolerance trials.

The expansion of the Liberty 200 SN Herbicide label to include the option of applying the tank mixtures with Armezon Herbicide, Armezon Pro Herbicide, and/or Zidua SC Herbicide for use on field corn and/or soybean provides growers additional flexibility to employ Liberty 200 SN Herbicide for enhanced control of the labelled weeds and as well for control of a broader spectrum of weeds in these crops.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Liberty 200 SN Herbicide to include its application in the tank mixtures with Armezon Herbicide, Armezon Pro Herbicide, and Zidua SC Herbicide in field corn and Zidua SC Herbicide in soybean.

References

List of Studies/Information Submitted by Registrant

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| PMRA # 3318457 | 2022, BASF value dossier Liberty 200 SN, DACO: 10.1, 10.2, 10.2.1, 10.2.3, 10.2.3.1, and 10.2.3.3. |
| PMRA # 3318458 | 2022, Raw data efficacy studies, DACO: 10.2.3 and 10.2.3.3. |
| PMRA # 3318459 | 2022, Raw data tolerance studies, DACO: 10.3.2. |

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