



Tank Mixes

Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2019-3438
Application: Tank Mixes
Product: Select Emulsifiable Concentrate Post-Emergence Herbicide
Registration Number: 22625
Active ingredients (a.i.): Clethodim
PMRA Document Number: 3054455

Background

Select Emulsifiable Concentrate Post-Emergence Herbicide (Select Herbicide) is registered for control of grasses in several broadleaf crops including glufosinate ammonium tolerant canola. 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 expand the registration of Select Herbicide to include the following tank mixes:

1. Select Herbicide + Interline Herbicide (Reg. No. 32860) + Amigo Adjuvant and
 2. Select Herbicide + Liberty 150 SN Herbicide (Reg. No. 28837) or Interline Herbicide + Facet L Herbicide (Reg. No. 31539) + Amigo Adjuvant
- applied in glufosinate ammonium tolerant canola.

Chemistry Assessment

A chemistry assessment was not required as there was no change to the product formulation.

Health and Environmental Assessments

Health and environmental assessments were not required since there are no changes made to the application rate and use pattern of all tank mix components.

Value Assessment

Based on weight of evidence from submitted field trials conducted with precedent products along with extrapolations from registered use patterns for tank mix components applied as tank mixtures or solo treatments, the requested tank mixtures are supported from a value standpoint.

These will provide growers with a new option to control a broad range of grass and broadleaf weeds in glufosinate ammonium tolerant canola, while combining multiple modes of action for resistant weed management.

Conclusion

The PMRA has conducted an assessment of the subject application and has determined that in accordance with the label, the submitted information is adequate to support the tank mixtures of Select Herbicide + Interline Herbicide + Amigo Adjuvant and Select Herbicide + Liberty 150 SN Herbicide or Interline Herbicide + Facet L Herbicide + Amigo Adjuvant applied in glufosinate ammonium tolerant canola.

Reference

List of Studies/Information Submitted by Registrant

Value Assessment

- 3014133 2019, SUMMARY OF VALUE FOR THE ADDITION OF INTERLINE HERBICIDE (CONTAINING GLUFOSINATE AMMONIUM) AS A TANKMIX PARTNER TO THE SELECT EMULSIFIABLE CONCENTRATE POSTEMERGENCE HERBICIDE LABEL, DACO: 10.1,10.2,10.3
- 3014135 2017, General Efficacy of New Surfactants with Clethodim and Liberty Herbicide., DACO: 10.2.3.3(B),10.3.2(A)
- 3014136 2016, Tolerance of LL Canola to Amigo Surfactants with Clethodim and Liberty Herbicide., DACO: 10.2.3.3(B),10.3.2(A)
- 3014137 2015, Amigo Equivalency when Tankmixed with Liberty Herbicide, DACO: 10.2.3.3(B),10.3.2(A)
- 3014138 2016, General Efficacy of New Surfactants with Clethodim and Liberty Herbicide., DACO: 10.2.3.3(B),10.3.2(A)
- 3014139 2018, General Efficacy of ARY-0411 (H1231) Formulations with Tankmix Partner, DACO: 10.2.3.3(B),10.3.2(A)
- 3014140 2017, General Efficacy of New Formulations of ARY-0411 Tankmixed with Liberty Herbicide., DACO: 10.2.3.3(B),10.3.2(A)
- 3014141 2018, General Efficacy of ARY-0411 (H1231) Formulations with Tankmix Partner, DACO: 10.2.3.3(B),10.3.2(A)
- 3014142 2016, General Efficacy of New Formulations of ARY-0411 Tankmixed with Liberty Herbicide., DACO: 10.2.3.3(B),10.3.2(A)
- 3014143 2016, General Efficacy of New Surfactants with Clethodim and Liberty Herbicide., DACO: 10.2.3.3(B),10.3.2(A)
- 3014144 2017, General Efficacy of New Formulations of ARY-0411 Tankmixed with Liberty Herbicide., DACO: 10.2.3.3(B),10.3.2(A)

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