

Tank Mixes

Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2018-5812
Application: Tank Mixes
Product: Express SG Herbicide
Registration Number: 28262
Active ingredients (a.i.): Tribenuron-methyl
PMRA Document Number : 2969372

Background

Express SG Herbicide is registered for pre-seed applications to spring wheat (including durum), winter wheat, spring barley, oats, canary seed, pulse crops (including dry bean, faba bean, field pea, lupin and soybean), alfalfa, red clover, alsike clover, smooth brome grass, meadow brome grass, timothy and creeping red fescue grown for forage and seed production for control of broadleaf weeds and grasses. 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 Express SG Herbicide to include a tank mix of Express SG Herbicide + glyphosate + Pyroxasulfone 85WG (Reg. No. 30572) applied pre-seed to spring wheat and winter wheat.

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

Since the use pattern of the requested tank mixture is consistent with the registered use pattern for each of tank mix components applied as solo treatments, the three-way tank mixture is supported from a value standpoint. This will provide growers with a new option to control a broad range of grass and broadleaf weeds both pre-emergence and post-emergence, 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 three-way tank mix of Express SG Herbicide + glyphosate + Pyroxasulfone 85WG to be applied pre-seed to spring wheat and winter wheat.

Reference

List of Studies/Information Submitted by Registrant

Value Assessment

2931822 2018, Rationale to Support the Tank Mix of Express SG Herbicide plus
Glyphosate plus Pyroxasulfone 85 WG, DACO: 10.2.3.3, 10.2.3.3(B), 10.3.2(A)

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