



Evaluation Report for Category C, Subcategory 3.10 Application

Application Number: 2009-3581 and 2009-3583
Application: Addition of a new tank-mix
Product: Prepass A Suspension Concentrate Herbicide and Prepass B Herbicide Solution Herbicide, components of Prepass Herbicide Tank-Mix
Registration Number: Reg. No. 27395 (Prepass A) and Reg. No. 27394 (Prepass B)
Active ingredients (a.i.): Florasulam (Prepass A) and glyphosate present as isopropylamine salt (Prepass B)
PMRA Document Number: 1864726

Background

Prepass Herbicide Tank Mix is a registered co-pack of the broadleaf and grass herbicides florasulam at 50 g/L (Prepass A Suspension Concentrate Herbicide, Reg. No. 27395) and glyphosate at 360 g/L as isopropylamine salt (Prepass B Herbicide Solution, Reg. No. 27394). Prepass is to be applied at a rate of 5 g active ingredient (ai)/ha of florasulam + 450 g acid equivalent (ae)/ha of glyphosate in the fall or spring prior to planting spring wheat (including durum), spring barley and oats, or as an initial treatment in summerfallow for the control of wild buckwheat, volunteer canola (including all herbicide tolerant canola varieties), common chickweed, cleavers, volunteer flax, Canada fleabane, flixweed, hempnettle, lady's thumb, lamb's quarters, wild mustard, redroot pigweed, narrow-leaved hawk's beard, common ragweed, shepherd's purse, smartweed, stinkweed, Russian thistle, volunteer barley, downey brome, giant foxtail, green foxtail, wild oats, Persian darnel, and volunteer wheat and for the suppression of kochia, annual sow-thistle and perennial sow-thistle.

Purpose of Application

The registrant requested an amendment of the end-use products Prepass A Suspension Concentrate Herbicide (Reg. No. 27395) and Prepass B Herbicide Solution Herbicide (Reg. No. 27394), components of Prepass Herbicide Tank-Mix, to include a tank mix with Vantage Plus Max II Herbicide Solution (Reg. No. 28840), a non-selective herbicide containing glyphosate, present as dimethylamine salt, for the control of annual and perennial weeds listed on the Vantage Plus Max II label for the proposed rates of application.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since the use pattern, including host crops, application rates and timings, of the component products remained unchanged.

Value Assessment

A rationale and a tank-mix compatibility study submitted by Dow AgroSciences Canada Inc., was determined to be supportive that the subject tank mix combination would provide acceptable control of all weeds listed on the respective Prepass Herbicide Tank-Mix and Vantage Plus Max II Herbicide Solution labels for the proposed rates of application.

Conclusion

The PMRA completed an evaluation of the subject application and found the information sufficient to amend the registration of the Prepass Herbicide Tank-Mix label to include the tank mix of Prepass A (5 g ai/ha) + Prepass B (450 g ae/ha) + Vantage Plus Max II (360 - 2064 ae/ha) for the post-emergent control of currently labelled broadleaf and grass weeds when the tank mix is applied pre-emergence to the crops in cropland systems or in summerfallow.

References

A. List of Studies/Information Submitted by Registrant

- 1790449 2009, Storage Stability Data, Tank Mix Compatibility of EF-1343 with NAF-595 & GF-1280 using a 14L Laboratory Sprayer under Cold Temperature Conditions, DACO: 10.1,3.5.10 CBI
- 1801021 2009, PrePass Herbicide Tank-Mix + Vantage Plus MAX II Herbicide Solution, DACO: 10.1

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