



Evaluation Report for Category C, Subcategory 3.10 Application

Application Number: 2009-3083 and 2009-3084
Application: Registration of a new concept tank-mix
Product: Prepass Max A Herbicide and Prepass Max B Herbicide, components of Prepass Herbicide Tank-Mix
Registration Number: Reg. No. 29651 (Prepass Max A) and Reg. No. 29652 (Prepass Max B)
Active ingredients (a.i.): Florasulam (Prepass A) and glyphosate present as isopropylamine salt (Prepass B)
PMRA Document Number : 1876102

Background

Prepass Max Herbicide Tank-Mix is a new concept tank-mix of Prepass Max A Herbicide (florasulam at 50 g/L) and Prepass Max B Herbicide (glyphosate, present as dimethylamine salt, at 480 g/L) based on the precedent concept tank-mix Prepass Herbicide Tank Mix which 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 Max Herbicide Tank-Mix 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, volunteer wheat and dandelion seedling and for the suppression of kochia, annual sow-thistle and perennial sow-thistle.

Purpose of Application

The registrant requested the registration of the end-use products Prepass Max A Herbicide and Prepass Max B Herbicide, as components of Prepass Max Herbicide Tank-Mix, based on the precedent concept tank-mix Prepass Herbicide Tank-Mix. The use pattern and rates of application are the same as the Prepass HTM concept tank-mix (Reg. No. 27395 & 27394). The only difference between Prepass HTM and Prepass Max HTM is the nature of the glyphosate salt; isopropylamine in the case of Prepass HTM and dimethylamine for Prepass Max HTM.

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 concept tank mix would provide acceptable control of all weeds listed on the Prepass Max Herbicide Tank-Mix for the proposed rates of application.

Conclusion

The PMRA completed an evaluation of the subject applications and found the information sufficient to grant registration of the Prepass Max A Herbicide and Prepass Max B Herbicide, components of Prepass Max Herbicide Tank-Mix label for the post-emergent control of labelled broadleaf and grass weeds when the concept 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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