

Evaluation Report for Category B, Subcategory B 3.1 and 3.10 Application (New or Changes to Product Label – Application Rate and Tank Mixes)

Application Number: 2017-7709
Application: Category B 3.1 and 3.10 (New or changes to product label – Application Rate and Tank mixes)
Product: GF-1352 Herbicide
Registration Number: 30162
Active ingredients (a.i.): Florasulam at 25%
PMRA Document Number: 2847593

Background

GF-1352 Herbicide is registered for post-emergent control of broadleaf weeds in pre-seed application for spring wheat (including durum), spring barley, winter wheat, and oats or in summer-fallow. It is recommended for application alone at 20 g/ha or in combination with glyphosate herbicide or other listed herbicides. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purposes of Application

The purposes of this application are to include a claim of control of volunteer canola at a reduced rate of 14 g/ha and a tank mixture of GF-1352 Herbicide at 14 g/ha with glyphosate + Heat LQ or Heat WG at their respective label rates.

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

Value information available for review included data from replicated field trials and scientifically sound rationales. The information demonstrated that an application of GF-1352 Herbicide at the reduced rate of 14 g/ha can be expected to provide acceptable control of volunteer canola.

The inclusion of a claim of volunteer canola control at 14 g/ha will reduce the herbicide load in the agricultural environment but maintain the same level of weed control with the same use pattern of GF-1352 Herbicide.

The information also demonstrated that the requested tank mixture can be expected to provide acceptable control or suppression of the listed weeds.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the requested amendment to the registration of GF-1352 Herbicide.

References

List of Studies/Information Submitted by Registrant

- PMRA # 2832476 2017, Small scale field trial reports with reduced rate, DACO: 10.2.3.1 and 10.2.3.3.
PMRA # 2839245 2018, A rationale on tank mix, DACO: 10.2.3.3 and 10.3.2.
PMRA # 2839246 2018, A rationale on adverse effects at reduced rate, DACO: 10.3.1 and 10.3.2.

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