

New or Change to Product Label - Tank Mixes Evaluation Report for Category C, Subcategory C.3.10 Application

Application Number: 2007-8171
Application: Category C, Subcategory C.3.10 (new or changes to product label - tank mixes)
Product: Refine SG Toss-N-Go Herbicide
Registration Number: 28286
Active ingredients (a.i.): 33.35% thifensulfuron methyl and 16.65% tribenuron methyl
PMRA Document Number: 1528677

Background

Refine SG Herbicide (Group 2 Herbicide) is recommended for selective post-emergent control or suppression of broadleaf weeds in wheat (spring, winter, and durum), spring barley and oats not under-seeded to legumes or grasses, and in certain grasses for forage or seed production. Refine SG Herbicide is to be applied with a recommended adjuvant, including Agral 90, AgSurf, and Citowett Plus. 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 is to amend registration for Refine SG Herbicide to allow the use in tankmix with MCPA Ester without an addition of a surfactant.

Chemistry Assessment

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

Health Assessment

A health assessment was not required as there was no change to the product formulation and use pattern.

Environmental Assessment

An environmental assessment was not required as it was to remove a component from a registered tank mix.

Value Assessment

Data from 18 trials were submitted for review. The trials were conducted in the Prairie Provinces in 2004, 2005, and 2006.

Efficacy of the proposed treatment of Refine SG + MCPA Ester was compared to that of the registered treatment of Refine SG + MCPA Ester + Agral 90 or AgSurf in these trials. Control of volunteer canola, wild buckwheat, and Canada thistle was visually assessed on 2-3 occasions during the growing season. Mean control of these weeds following the application of Refine SG + MCPA Ester was comparable to that of Refine SG + MCPA Ester + Agral 90 or AgSurf in the trials. These weeds are typically more difficult to control than the other weeds listed on the Refine SG label, therefore, all the weeds currently labelled for the treatment of Refine SG + MCPA + a non-ionic surfactant should be controlled or suppressed by the treatment of Refine SG + MCPA.

Crop safety would not be a concern when removing a surfactant from a registered herbicide treatment.

Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Refine SG to allow the use in tankmix with MCPA Ester without the addition of a surfactant.

Reference

List of Studies/Information Submitted by Registrant

PMRA # 1504519: Submission to register Refine SG Herbicide + MCPA Ester without the addition of surfactant. E.I. du Pont Canada Company. October 5, 2007. DACO 10.1, 10.2.2, 10.2.3, 10.2.3.1, and 10.2.3.3. pp. 284.

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