



## Evaluation Report for Category C, Subcategory 3.10 Application

**Application Number:** 2007-5377  
**Application:** Category C, Subcategory 3.10  
**Product:** Refine SG Toss-N-Go  
**Registration Number:** 28286  
**Active ingredients (a.i.):** thifensulfuron methyl at 33.35% and tribenuron methyl at 16.65%  
**PMRA Document Number:** 1570809

### Background

Refine SG Toss-N-Go Herbicide (PCP 28286) is registered at 15 g a.i./ha for selective post-emergent control or suppression of broadleaf weeds in wheat (spring, winter or durum), spring barley and oats not underseeded to legumes or grasses, and in certain grasses for forage or seed production. Refine SG Toss-N-Go is to be applied from the 2-leaf to flag leaf growth stage of the crop.

MCPA Ester 500 (Nufarm MCPA Ester 500LV Liquid Herbicide, PCP 27054) is registered for weed control in cereals (not underseeded to legumes) and flax (do not use on low linolenic acid varieties). Rates are 350 - 550 g a.e./ha (0.7 - 1.1 L/ha) for susceptible weeds and 625 - 875 g a.e./ha (1.25 - 1.75 L/ha) for harder-to-control weeds.

MCPA Ester 600 (Nufarm MCPA Ester 600 Liquid Herbicide, PCP 27803) is registered at a rate of up to 630 g a.e./ha (1.05 L/ha) on spring wheat and spring barley. Rates are 348 - 540 g a.e./ha (0.58 - 0.9 L/ha) for susceptible weeds and 630 - 900 g a.e./ha (1.05 - 1.50 L/ha) for harder-to-control weeds.

For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

### Purpose of Application

E.I. Du Pont Canada Company submitted an application to amend the registration of Refine SG Toss-N-Go Herbicide (PCP 28286) by adding tank mixes with MCPA ESTER 600 (e.g. 27803). The registered label for Refine SG Toss-N-Go Herbicide currently includes several tank mixes with MCPA ESTER 500. This change will allow MCPA ESTER 600 to be used as an alternate formulation of MCPA in the following six tank mixes that include MCPA ESTER 500 on the Refine SG Toss-N-Go Herbicide label:

-Refine SG Toss-N-Go Herbicide + MCPA ESTER 500

- Refine SG Toss-N-Go Herbicide + MCPA ESTER 500 + HORIZON 240 EC
- Refine SG Toss-N-Go Herbicide + MCPA ESTER 500 + PUMA 120 SUPER
- Refine SG Toss-N-Go Herbicide + MCPA ESTER 500 + ASSERT
- Refine SG Toss-N-Go Herbicide + MCPA ESTER 500 + LONTREL 360
- Refine SG Toss-N-Go Herbicide + MCPA ESTER 500 + AXIAL 100EC Herbicide

### **Chemistry Assessment**

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

### **Health Assessments**

Health assessments were not required since the only change to the use pattern was to add an alternate formulation of MCPA Ester to the currently registered tank mixes.

### **Environmental Assessment**

An environmental assessment was not required since the only change to the use pattern was to add an alternate formulation of MCPA Ester to the currently registered tank mixes.

### **Value Assessment**

A rationale to request a waiver for efficacy and crop tolerance data was submitted for review. It was concluded that efficacy and crop safety would not be compromised with the substitution of MCPA ESTER 600 for MCPA ESTER 500 for the same use pattern at the same active ingredient rate of MCPA Ester.

### **Conclusion**

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Refine SG Toss-N-Go Herbicide to include the following six tank mixes on the label:

- Refine SG Toss-N-Go Herbicide + MCPA ESTER 600
- Refine SG Toss-N-Go Herbicide + MCPA ESTER 600 + HORIZON 240 EC
- Refine SG Toss-N-Go Herbicide + MCPA ESTER 600 + PUMA 120 SUPER
- Refine SG Toss-N-Go Herbicide + MCPA ESTER 600 + ASSERT
- Refine SG Toss-N-Go Herbicide + MCPA ESTER 600 + LONTREL 360
- Refine SG Toss-N-Go Herbicide + MCPA ESTER 600 + AXIAL 100EC Herbicide

## References

### A. LIST OF STUDIES/INFORMATION SUBMITTED BY REGISTRANT

#### VALUE

PMRA# 1454001      2007, Rationale for Waiver of Efficacy Data Requirements,  
DACO: 10.1,10.2.3,10.3.2

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services  
Canada 2009

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.