

## Evaluation Report for Category C, Subcategory B 3.10, 3.11 Application (New or Changes to Product Label – Tank Mixes, New Pests)

**Application Number:** 2013-5881  
**Application:** Category B, Subcategory B 3.10, 3.11 (new or changes to product label – tank mixes, new pests)  
**Product:** Tricor 75DF Herbicide  
**Registration Number:** 30661  
**Active ingredients (a.i.):** 75% metribuzin  
**PMRA Document Number :** 2395435

### Background

Tricor 75 DF Herbicide is a selective herbicide registered on a broad number of crops. Although Tricor 75DF is registered nationally, the label is organized by region into uses for Eastern Canada or uses for Western Canada. Tricor 75DF is a soil active herbicide containing metribuzin and the use rates vary by soil type and soil moisture (east vs. west). 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 registrant has applied to amend the Tricor 75DF label to include a tank mix with Prism SG Herbicide (Reg. No. 30057) on potatoes grown in eastern Canada, coastal BC and under irrigated conditions in Alberta. Proposed are an early post-emergence application to potatoes at 280-375 g/ha + 60 g/ha Prism; or a split application of Tricor alone at 550-1125 g/ha applied pre-emergence following by the early post-emergence application of 280-375 g/ha + 60 g/ha Prism.

### 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

The applicant submitted summarized field trial data (from eight trials in Ontario in 1992 and 1993) and a rationale in support of the label amendments. The field trials were conducted with application rates of 240-400 g Tricor/ha, which overlaps the proposed use rate structure. The data are supportive of the efficacy of the lower rate of Tricor 75DF and further indicates value to the use of a split application of Tricor 75DF at the rates proposed (280-375 g/ha). VRD does not anticipate crop tolerance problems due to the established use pattern of the tank mix on potatoes in Western Canada as well as the use of the individual components on potatoes in Eastern Canada, which has been used successfully in the past since the publication of the Memo regarding the Use of Unlabelled Tank Mixes of Commercial Class Pest Control Products Used

for Crop Production or Vegetation Management in 2009.

The applicant correctly states that this tank mix provides potato growers additional value in that Prism SG Herbicide may be used as an alternative to other registered herbicides. Furthermore, the tank mix will increase the control of key weeds when compared to the products being used independently. Registration of this tank mix in eastern Canada, coastal BC and under irrigated conditions in Alberta will provide another weed control option for use by all potato growers across Canada, not just those in select regions of western Canada. .

## **Conclusions**

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Tricor 75DF Herbicide to include a tank mix with Prism SG Herbicide (Reg. No. 30057) on potatoes grown in eastern Canada, coastal BC and under irrigated conditions in Alberta, at the rates proposed.

## **Reference**

### List of Studies/Information Submitted by Registrant

2357199      10.1, 10.2.2, 10.2.3.1, 10.4, 10.5.1, 10.5.3      2013, Value Summary for TriCor 75 DF Herbicide Tank mixed with Prism SG Herbicide for Weed Control in Potatoes in Eastern Canada

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services  
Canada 2014

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.