

## **New or Changes to Product Labels-Rotational Crops/Plantback Intervals Evaluation Report for Category B, Subcategory 3.5 Application**

**Application Number:** 2006-3809  
**Application:** New or Changes to Product Labels-Rotational Crops\Plantback Intervals  
**Product:** Express 50 SG Herbicide  
**Registration Number:** 28262  
**Active ingredients (a.i.):** Tribenuron-methyl  
**PMRA Document Number:** 1440710

### **Background**

Express 50 SG Herbicide has been registered since March 30, 2006. Express 50 SG Herbicide is registered for use in the Prairie Provinces and Peace River Region of British Columbia for the control of flixweed and stinkweed in summerfallow and for control of broadleaf weeds and grasses in fallow and pre-seed to wheat (spring and durum) and barley. For specific details on 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 the registration of Express 50 SG Herbicide to include oats and canary seed to the list of pre-seeding crops which can be planted a minimum of 24 hours following an application of Express 50 SG Herbicide at 7.5 g a.i./ha in combination with a glyphosate herbicide at 450 g a.e./ha.

### **Chemistry Assessment**

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

### **Health Assessments**

A toxicology assessment is not required as there was no change in the product formulation. An occupational/bystander exposure assessment is not required since the use pattern and application rates remain unchanged.

To support the addition of oats and canary seed to the Express 50 SG Herbicide label, no new residue data were submitted. Canadian residue data on file supported the expansion of use on the Express 50 SG Herbicide label to oats. Residues of tribenuron-methyl are expected to be covered by the established maximum residue limit (MRL) on oats of 0.05 ppm. No increase in dietary exposure is anticipated with the addition of oats to the Express 50 SG Herbicide label. No MRL is established for canary seed and one will not need to be established since canary seed is not used for human consumption.

### **Environmental Assessment**

An environmental assessment is not required since the use pattern, application rates and timings remain unchanged.

### **Value Assessment**

Efficacy data were not required to support addition of new hosts to an existing list of crops which can be planted following a pre-seeding application of Express 50 SG Herbicide + glyphosate herbicide.

Crop tolerance data were submitted from a total of 8 field studies conducted over 2 years. Crop tolerance was assessed visually as percent crop injury (%) for oats in 6 trials and canary seed in 5 trials. Final grain yield were taken in some trials. Based on the information provided, following a pre-seeding application of Express 50 SG Herbicide in combination with a glyphosate herbicide, crop safety and yield of the proposed oats and canary seed for which data were provided is acceptable.

### **Conclusion**

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Express 50 SG Herbicide to include oats and canary seed as crops that can be pre-seeded a minimum of 24 hours following an application of Express 50 SG Herbicide in combination with a glyphosate herbicide.

### **References**

#### **Studies/Information Provided by Applicant/Registrant**

PMRA# 1229195. DPX-L5300 Residue Analysis - Oats (Ref. Letter: CLM - ADF, 01/29/86). E.I. du Pont de Nemours and Co. Study Report Date: 16-May-1986. 7 pages. DACO 7.4.2.

PMRA# 1213579. DPX-L5300 Residue Analysis - Oats (Ref. Letter: CLM - ADF, 12/01/86). E.I. du Pont de Nemours and Co. Study Report Date: 3-June-1987. 9 pages. DACO 7.4.2.

PMRA # 1263325. Tolerance of oats and canary seed to a pre-seed application of Express 50 SG Herbicide. 7-April-2006. E.I. du Pont Canada Company. 49 pages. DACO 10.3.2.

PMRA# 1263326. DuPont-20074 supplement-1: Test reports. May 1, 2006. E.I. du Pont Canada Company. 235 pages. DACO 10.3.2.

ISSN: 1911-8082

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