

## Evaluation Report for Category B, Subcategory 3.10, 3.11 Application

**Application Number:** 2012-5961  
**Application:** Product labels – tank mixes, new pests  
**Product:** Enforcer D Herbicide  
**Registration Number:** 30690  
**Active ingredients (a.i.):** Fluroxypyr, Bromoxynil and 2,4-D ester  
**PMRA Document Number :** 2289976

### Purpose of Application

The purpose of this application was to add several weed control claims and tank-mix recommendations to the Enforcer D Herbicide label.

### Chemistry, Health and Environmental Assessments

Chemistry, health and environmental assessments were not required for this application.

### Value Assessment

The applicant submitted an application to add a number of weeds to the registered list of weeds and also proposed to change the criteria for the selection for the rate of application from rates based on weed selectivity to a rate based on size of weeds and density. The addition of Nufarm Tralkoxydim Herbicide, Varro Herbicide and Simplicity Herbicide to the list of tank-mixes for use with Enforcer D Herbicide is also requested.

The applicant provided a scientific rationale detailing the use pattern of fluroxypyr, bromoxynil and 2, 4-D and cited different end-use products such as, Nufarm Fluroxypyr 180 Herbicide (fluroxypyr), Koril 235 (bromoxynil), 2,4-D ester 700, registered tank-mix of fluroxypyr + 2,4-D ester, and the co-formulations of Approve Herbicide (bromoxynil + 2,4-D ester) and OcTTain XL Herbicide (fluroxypyr + 2,4-D ester) as the precedent products in support of the proposed list of weeds. In addition, weed control data collected through research authorization field trials conducted in 2012 at 11 different sites in Manitoba (3 sites), Saskatchewan (5 sites) and Alberta (3 sites) were provided.

Based on the information provided, the value assessment concludes that broadleaf plantain, cleavers, common groundsel, hemp-nettle, knotweed, lady's thumb, night flowering catchfly, shepherd's purse, stinkweed, and stork's bill can be added to the list of weeds controlled with an application of Enforcer D Herbicide at 0.6 L/ha and Canada thistle (suppression), dandelion, field horsetail, round-leaved mallow, annual sow thistle and volunteer flax can be added to the list of weeds controlled with an application of Enforcer D Herbicide at 1.2 L/ha. The changes to the tank-mix section were also supported.

## **Conclusion**

The PMRA has completed an assessment of the available information and is able to support the addition of several weed control claims and tank-mix recommendations to the Enforcer D Herbicide label.

## **References**

- 2263908      Research Authorization (0008-RA-12) Results and Rationale to Add Additional Weed Control Claims to Enforcer D Herbicide Label. Nufarm Agriculture Inc. December 17, 2012, DACO 10 – Value.

ISSN: 1911-8082

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