

DuPont Travallas Herbicide

Evaluation Report for Category B Streamlined, Subcategory 3.10 Application

Application Number: 2016-1380
Application: Category B, Subcategory 3.10 Application (new or changes to product labels – tank mixes)
Product: DuPont Travallas Herbicide
Registration Number: Reg. No. 31685
Active ingredients (a.i.): fluroxypyr / metsulfuron-methyl / thifensulfuron-methyl [FLR / MEM / MMM]
PMRA Document Number: 2633952

Background

DuPont Travallas Herbicide (Reg. No. 31685) was first registered in January of 2015. DuPont Travallas Herbicide contains 3 g/L metsulfuron-methyl, 30 g/L thifensulfuron-methyl and 150 g ae/L fluroxypyr (Group 2, 2 and 4 Herbicide, respectively) and is labelled for the selective post-emergent control of or suppression of broadleaf weeds in wheat (spring and durum) and spring barley not underseeded to legumes or grasses grown in the Prairie Provinces and Peace River region of British Columbia. 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 was to amend the registration of DuPont Travallas Herbicide to include the following tank mix partners:

- a. Simplicity Herbicide (Reg. No. 28887; contains 30 g/L pyroxsulam (Group 2 Herbicide)) applied at 0.5 L/ha (15 g ai/ha) + MCPA Ester (contains 500 or 600 g ae/L MCPA ester; Group 4 Herbicide)) applied at 0.56 or 0.47 L/ha (280 g ae/ha) in spring and durum wheat for the additional control of wild oats and volunteer imazethapyr tolerant canola varieties (e.g. Clearfield canola or other varieties with the Pursuit Smart trait).

- b. Everest 2.0 Herbicide (Reg. No. 30342; contains 397.33 g/L flucarbazone (Group 2 Herbicide)) applied at 48, 60 or 72 ml/ha (19, 24 or 29 g ai/ha; rate dependent on wild oat density and environmental conditions at the time of application) + MCPA Ester (contains 500 or 600 g ae/L MCPA ester) applied at 0.56 or 0.47 L/ha (280 g ae/ha) + Agral 90 or AgSurf applied at 0.25% v/v in spring wheat for the additional control of wild oats and volunteer imazethapyr tolerant canola varieties (e.g. Clearfield canola or other varieties with the Pursuit Smart trait).
- c. Varro Herbicide (Reg. No. 29070; contains 10 g/L thiencazuron-methyl (Group 2 Herbicide)) applied at 0.5 L/ha (5 g ai/ha) + MCPA Ester (contains 500 or 600 g ae/L MCPA ester) applied at 0.56 or 0.47 L/ha (280 g ae/ha) in spring and durum wheat for the additional control of wild oats and volunteer imazethapyr tolerant canola varieties (e.g. Clearfield canola or other varieties with the Pursuit Smart trait).

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and Environmental assessments were not required since the use pattern, including host crops, application rates and timings of the component products remain unchanged.

Value Assessment

Wild oat is considered a serious problem weed in western Canada, wherein significant yield losses in cereal crops are possible if wild oat is left unchecked. The inclusion of Simplicity Herbicide, Everest 2.0 Herbicide or Varro Herbicide with the currently registered tank mix of DuPont Travallas Herbicide + MCPA Ester will allow for convenient, one-pass broadleaf and grassy weed control in wheat grown in western Canada.

Given that the three tank mixes do not introduce a new use direction that does not currently appear on the DuPont Travallas Herbicide, Simplicity Herbicide, Everest 2.0 Herbicide or Varro Herbicide labels, inclusion of all three tank mixes on the DuPont Travallas Herbicide label can be supported without the provision of additional value information / data according to the “Value Guidelines for New Plant Protection Products and Label Amendments” published in April 2016. Data submitted from small-scale field trials, which were conducted in the Canadian Prairies in 2015, confirmed that the inclusion of Simplicity Herbicide (15 g ai/ha) or Everest 2.0 Herbicide (20 g ai/ha) or Varro Herbicide (5 g ai/ha) in tank mix with DuPont Travallas Herbicide (91.5 g ai/ha) + MCPA Ester (280 g ae/ha) does not result in antagonism for the control of wild oats.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of registration of DuPont Travallas Herbicide to include new tank mix combinations with MCPA Ester + Simplicity Herbicide or Everest 2.0 Herbicide or Varro Herbicide labels, for the additional control of wild oats and volunteer imazethapyr tolerant canola varieties.

References

PMRA Doc Number	Reference
2615905	2016, Efficacy of Travallas + MCPA Ester + Varro, Simplicity or Everest 2.0 Tank-Mixes on Wild Oat in Wheat, DACO: 10.2, 10.2.3, 10.2.3.1, 10.2.3.3(B), 10.3.1, 10.3.2.

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