

DuPont Sortan IS Herbicide

Evaluation Report for Category B Streamlined, Subcategory 3.1, 3.9 and 3.11 Application

Application Number: 2017-2757
Application: Category B, Subcategory 3.1, 3.9 and 3.11 Application (new or changes to product labels – application rate increase / decrease, level of control and new pests)
Product: DuPont Sortan IS Herbicide
Registration Number: Reg. No. 32627
Active ingredient (a.i.): rimsulfuron [DPY]
PMRA Document Number : 2819981

Background

DuPont Sortan IS Herbicide is registered for the pre-emergence or post-emergence control or suppression of annual grasses, quackgrass, redroot pigweed, lamb's quarters, wild buckwheat and volunteer canola in field corn. 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 Sortan IS Herbicide as follows:

1. add control claims for giant foxtail and shepherd's-purse when DuPont Sortan IS Herbicide is applied post-emergent at 75 g/ha (15 g ai/ha);
2. add a suppression claim for large (hairy) crabgrass when DuPont Sortan IS Herbicide is applied post-emergent at 75 g/ha (15 g ai/ha);
3. add a control claim for redroot pigweed when DuPont Sortan IS Herbicide is applied post-emergent at 37.5 g/ha (7.5 g ai/ha);
4. include volunteer canola (excluding Clearfield) in the list of weeds that will be controlled using DuPont Sortan IS Herbicide applied post-emergent at 75 g/ha (15 g ai/ha); and,
5. simplify the use pattern section of the DuPont Sortan IS Herbicide label.

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 remained unchanged.

Value Assessment

Redroot pigweed, shepherd's-purse, giant foxtail, large (hairy) crabgrass and volunteer canola are all agronomically important weed species that can be problematic for Canadian corn growers. Therefore, the availability of effective herbicide options is desirable for the management of these weeds in corn. Furthermore, having a product label that is simpler for users to follow is desirable for the effective use of this product in corn production.

Value information was submitted in the form of field trial data and rationales, in which it was demonstrated that DuPont Sortan IS Herbicide can be expected to provide control of redroot pigweed, shepherd's-purse, giant foxtail and volunteer canola (excluding Clearfield) and suppression of large (hairy) crabgrass when applied in accordance with label directions.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of DuPont Sortan IS Herbicide to include the requested efficacy claims.

References

PMRA Doc Number	Reference
2767686	2017, Value Submission, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3(B), 10.2.3.4(B).

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