

Tandem A Herbicide

Evaluation Report for Category B Streamlined, Subcategory 3.10 Application

Application Number: 2015-0698
Application: Category B, Subcategory 3.10 Application (new or changes to product labels – tank mixes)
Product: Tandem A Herbicide
Registration Number: Reg. No. 29985
Active ingredients (a.i.): pyroxsulam [JUA]
PMRA Document Number : 2550563

Background

Tandem A Herbicide (Reg. No. 29985) was first registered in January of 2011. Tandem A Herbicide contains 30 g/L pyroxsulam and is labelled for selective post-emergent control or suppression of grassy and broadleaf weeds in spring wheat, durum wheat, and winter wheat not underseeded with legumes 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

Dow AgroSciences Canada Inc. has applied to amend the registration of Tandem A Herbicide to include a new tank mix partner, Tandem B Herbicide (103 g ai/ha), for use on spring and durum wheat grown in the Prairie Provinces and Peace River region of British Columbia. Furthermore, the applicant has requested the addition of a reduced rate for the Tandem A Herbicide (11.25 g ai/ha) + Tandem B Herbicide (70 to 103 g ai/ha) tank mix for use when wild oat populations are less than 75 plants/m².

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 or were reduced.

Value Assessment

The tank mix additions to the Tandem A Herbicide label will provide value to the end-user by allowing flexibility on the use rate for both herbicides based on the level of weed infestation, allowing for a reduction in the amount of herbicide applied when there are low weed pressures.

A rationale was provided by the applicant in support of the registration amendment request. After a review of the provided rationale, in conjunction with the use patterns for the precedent registrations of Simplicity Herbicide (Reg. No. 28887) and Starane II Herbicide (Reg. No. 29463), it was determined that undesirable effects, such as decreased efficacy or increased crop injury, would not be expected when Tandem B Herbicide is tank mixed with Tandem A Herbicide (at both full and reduced rates) as per label directions for broadleaf and grassy weed control in spring and durum wheat.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Tandem A Herbicide to include a new tank mix partner, Tandem B Herbicide, for use on spring and durum wheat at full or reduced rates.

References

PMRA Doc Number	Reference
2513322	2015, 10.2.3.3 & 10.3.2A REVISED Rationale for tank mixes to Tandem A., DACO: 10.2.3.3,10.2.3.3(B),10.3.2,10.3.2(A)

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