

Evaluation Report for Category B, Subcategory B 3.11 Application (New or Changes to Product Label – New Pests)

Application Number: 2015-6048
Application: Category B, Subcategory B 3.11 (new pests)
Product: Tandem GoDRI A
Registration Number: 31932
Active ingredients (a.i.): 21.5% pyroxsulam
PMRA Document Number : 2626237

Background

Tandem GoDRI A is an agricultural herbicide registered for selective weed management in spring and durum wheat in the Prairie Provinces and Peace River Region of BC. 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 Tandem GoDRI A to modify the rate and timing for the presently labelled Japanese brome, and to add a new weed claim, suppression of Persian darnel, at presently labelled rates of application. Japanese brome is presently labelled for control with 70 g/ha from the 1-6 leaf stage but the applicant has proposed control with the lower rate of 52 g/ha for Japanese brome in the 1-4 leaf stage plus two tillers growing under optimal conditions, to control with 70 g/ha Japanese brome growing under less than optimal conditions or larger Japanese brome (up to the six leaf stage).

Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

Value Assessment

Japanese brome and Persian darnel are two aggressive and difficult to control grassy weeds that are becoming more common in western Canada, especially in spring and durum wheat.

The value information provided for review included a summary of small plot research trial data (15 trials) that support modifying the existing claim of Japanese brome control to be 52 g/ha for Japanese brome in the 1-4 leaf stage plus two tillers growing under optimal conditions, or control with 70 g/ha of Japanese brome growing under less than optimal conditions or larger Japanese brome (up to the six leaf stage).

In addition, a claim of suppression of Persian Darnel from the 1-4 leaf stage plus two tillers, with 70 g/ha Tandem GoDRI A can be supported based on the data from seven small plot field trials.

Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Tandem GoDRI A to modify the control claim for Japanese brome and to include a claim of suppression of Persian darnel.

References

List of Studies/Information Submitted by Registrant

- | | |
|--------|---|
| 258145 | 2015, 10.2.3.3 ARM Field Trial Reports for Japanese |
| 8 | Brome, DACO: 10.2.3.3 |
| 258145 | 2015, 10.2.3.3 ARM Field Trial Reports for Persian |
| 9 | Darnel, DACO: 10.2.3.3 |
| 258146 | 2015, 10.2.3.3B_Pyroxsulam on BROJA and LOLPS - LTJ |
| 0 | Sept. 22 2015 - Final, DACO: 10.2.3.3(B) |

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