



Evaluation Report for Category B, Subcategory B.3.10 & B.3.11 Application (New or Changes to Product Label – Tank Mixes and New Pests)

Application Number: 2016-0855
Application: Category B.3.10 and B.3.11 (New or changes to product label – Tank mixes and new pests)
Product: Varro Herbicide
Registration Number: 29070
Active ingredient (a.i.): 10 g/L thiencazuron-methyl
PMRA Document Number : 2634934

Background

Varro Herbicide is registered for post-emergent control of certain annual grasses and broadleaf weeds in spring, durum, and winter wheat in the Canadian Prairies and Peace River, Okanagan, and Creston Flats regions 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 Varro Herbicide to include a tank mixture with Express SG EUP (Reg. No. 28606) at the labelled rate of 15 g/ha for additional control of Canada thistle, perennial sowthistle, dandelion, scentless chamomile, narrow-leaved hawk's-beard, lamb's quarters, and cow cockle in spring, durum, and winter wheat.

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

The inclusion of Express SG EUP as a tank mix partner on the Varro Herbicide label would provide additional weed control, including the hard-to-control weeds Canada thistle, dandelion, perennial sowthistle, scentless chamomile, etc., in spring, durum, and winter wheat with a more efficient one-pass application.

The value information available demonstrated that (1) the application of Varro Herbicide in tank mix with Express SG EUP provided additional control of Canada thistle, perennial sowthistle, dandelion, scentless chamomile, narrow-leaved hawk's-beard, lamb's quarters, and cow cockle and (2) spring, durum, and winter wheat could be expected to exhibit an adequate margin of crop tolerance to the requested tank mixture when applied in accordance label instructions. The information included data from field trials conducted in the Canadian Prairies and scientific rationales.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information

sufficient to support the requested amendment to the registration of Varro Herbicide to include Express SG EUP as a tank mix partner for additional weed control in spring, durum, and winter wheat.

References

List of Studies/Information Submitted by Registrant

PMRA #	References
2607993	2016, Value assessment of a Varro Herbicide + Express SG EUP Herbicide tank-mixture for annual and perennial weed control in spring, durum and winter wheat, DACO: 10, 10.1, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3(B), 10.3, 10.3.1, 10.3.2(A), 10.5, 10.5.1, 10.5.2, and 10.5.3.
2607996	2016, Value assessment of a Varro Herbicide + Express SG EUP Herbicide tank-mixture for annual and perennial weed control in spring, durum and winter wheat, DACO: 10.2.3, 10.2.3.3(B), and 10.3.2(A).

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