



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: 2016-0857
Application: Category B.3.10 and 30.11 (New or changes to product label – Tank mixes and new pests)
Product: Velocity M3 All-in-One Herbicide
Registration Number: 29584
Active ingredients (a.i.): 5 g/L thiencarbazone-methyl, 31.3 g/L pyrasulfotole, and 175 g/L bromoxynil
PMRA Document Number : 2634954

Background

Velocity M3 All-in-One is registered for post-emergent control of 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 Velocity M3 All-in-One to include a tank mixture with Express SG EUP (Reg. No. 28606) at the labelled rate for additional control of perennial sowthistle, dandelion, scentless chamomile, and cow cockle in spring 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 Velocity M3 All-in-One label would provide additional weed control, including the hard-to-control weeds dandelion, perennial sow-thistle, and scentless chamomile, in spring and winter wheat with a more efficient one-pass application.

The value information available demonstrated that (1) the application of Velocity M3 All-in-One in tank mix with Express SG EUP provided acceptable control of the labelled weeds plus perennial sowthistle, dandelion, scentless chamomile, and cow cockle and (2) both spring 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 Velocity M3 All-in-One to include a tank mixture with Express SG EUP for additional weed control in spring and winter wheat.

Reference

List of Studies/Information Submitted by Registrant

| PMRA # | References |
|---------|--|
| 2608062 | 2016, Value assessment of a Velocity M3 All-in-One Herbicide + Express SG EUP Herbicide tank-mixture for annual and perennial weed control in spring 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. |
| 2608065 | 2016, Field trial reports for value assessment of a Velocity M3 All-in-One Herbicide + Express SG EUP Herbicide tank-mixture for annual and perennial weed control in spring and winter wheat, DACO: 10.2.3, 10.2.3.3(B), and 10.3.2(A). |

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