

Evaluation Report for Category C, Subcategory 3.10 (new tank mix) Application

Application Number: 2006-3004 and 2006-3661
Application: Evaluation Report for Category C, Subcategory 3.10 (new tank mix)
Product: Express Pack HTM: Express Herbicide Dry Flowable, 2,4-D Low Volatile Ester
Registration Number: 22335 (Express Herbicide Dry Flowable), 28309 (2,4-D Low Volatile Ester)
Active ingredients (a.i.): tribenuron methyl at 75% and 2,4-D ester at 660 g/L present as iso-octyl ester
PMRA Document Number: 1382699

Background

Express Pack is registered for use in the Prairie Provinces and the Peace River Region of British Columbia for agricultural use on: wheat (spring and durum), barley, and summerfallow only. The currently registered tank mix of Express Pack HTM + Banvel or Banvel II is applied for control of sulfonylurea resistant kochia and control or suppression of broadleaf weeds on the Express Pack label in spring (excluding durum) wheat and barley.

Purpose of Application

The purpose of this application was to amend the registration of Express Pack HTM herbicide to add a new tank mix partner, Banvel Dry Herbicide (PCP# 24362), with Express Pack HTM containing Express Herbicide Dry Flowable at 75% tribenuron methyl (PCP# 22335) and 2,4-D Low Volatile Ester at 660 g/L present as iso-octyl ester (PCP# 28309). Banvel Dry is to be applied at the same rate of active ingredient (dicamba) as Banvel II at 53 g a.i./ha.

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 only change to the use pattern was the addition of a tank mix partner, Banvel Dry. The active ingredient of Banvel Dry, dicamba, is currently registered as a tank mix partner. The host crop and the application timing remain the same.

Value Assessment

A rationale was submitted in lieu of data to support this application. The rationale provided by the applicant did not provide sufficient evidence that Banvel Dry is agronomically equivalent to Banvel II in tank-mix with Express Pack HTM. Instead, data submitted under a separate application was used in support of the subject application. Under application number 2006-2747, the data submitted from six field trials demonstrated that the performance of Banvel Dry Herbicide was similar to that of Banvel II Herbicide when tank mixed with either Refine SG Herbicide or both Refine SG Herbicide and Horizon 240EC Herbicide. As both Express Pack and Refine SG Herbicide contain a common active ingredient, tribenuron methyl, and given that both Banvel Dry and Banvel II are already labelled for tank mixing with phenoxy-type herbicides, including 2,4-D, it is not anticipated that the performance of Banvel Dry would markedly differ from that of Banvel II when tank mixed with Express Pack herbicide.

Conclusions

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Express Pack HTM labels to include a tank mix with Banvel Dry.

References

A. LIST OF STUDIES/INFORMATION SUBMITTED BY REGISTRANT

VALUE

PMRA 1262711 Rationale For Waiver Of Efficacy Data Requirements For Bridging Use Of Banvel II, PCP 23957 To Banvel Dry, PCP 24362, In Tank Mixtures With Express Herbicide, PCP 22335, and Du Pont 2,4-D Low Volatile Ester Herbicide, PCP 28039.

ISSN: 1911-8082

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