

Evaluation Report for Category C, Subcategory C.3.10 Application (New or Changes to Product Label - Tank Mixes)

Application Number: 2009-0483
Application: Category C, Subcategory C.3.10 Application (New or Changes to Product Label - Tank Mixes)
Product: DB 8454 Herbicide
Registration Number: 28894
Active ingredients (a.i.): 53.8% dicamba, 3.9% tribenuron methyl, and 7.7% thifensulfuron methyl
PMRA Document Number: 1738448

Background

DB-8454 Herbicide contains 3 active ingredients, 53.8% dicamba (Group 4 Herbicide), 3.9% tribenuron methyl (Group 2 Herbicide), and 7.7% thifensulfuron methyl (Group 2 Herbicide) and is registered for control of broadleaf weeds in spring wheat (including durum wheat) and spring barley in the Prairie Provinces and the 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

The registrant has applied to amend the registration of DB-8454 Herbicide to include a tank mix with Harmony Grass 128 EC Herbicide.

Chemistry Assessment

A chemistry assessment was not required as there was no change to product chemistry.

Health Assessment

A health assessment was not required as there was no change to the product formulation and use pattern.

Environmental Assessment

An environmental assessment was not required as each component of the tank mixture is presently registered for the same uses.

Value Assessment

A rationale in lieu of data was submitted in support of the amendment to the registration of DB-8454 Herbicide to include the tank mix with Harmony Grass 128 EC Herbicide.

- The tank mixture of DB-8454 Herbicide + Horizon 240 EC Herbicide + Score Adjuvant is presently registered on the DB-8454 Herbicide label.
- The agronomic equivalency between Harmony Grass 128 EC Herbicide and the treatment of Horizon 240 EC Herbicide + Score Adjuvant was previously established (PMRA Nos 1561937 and 1561938).
- The proposed use pattern and use directions are supported on each respective herbicide label.

Based on the rationale provided by the applicant, inclusion of the tank mixture of DB-8454 + Harmony Grass 128 EC is supported from an efficacy standpoint.

Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of DB-8454 Herbicide to include a tank mix with Harmony Grass 128EC Herbicide.

References

PMRA # 1717617: Rationale to support the tankmix of DB-8454 Herbicide + Harmony Grass 128EC Herbicide in spring and durum wheat. E.I. du Pont Canada Company. February 1, 2009. DACO 10.1, 10.2, 10.2.3, 10.2.3.3, 10.3.2.

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