



Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2008-0234
Application: B.3.10, New to Product Labels-Tank Mixes
Product: ELIM EP Herbicide 25% Dry Flowable
Registration Number: 23518
Active ingredients (a.i.): Rimsulfuron
PMRA Document Number: 1735919

Background

ELIM EP Herbicide 25% Dry Flowable has been registered since March 09, 1994. The product may be applied either pre- or post-emergence to field corn in Eastern Canada and the Red River Valley region of Manitoba for control of annual grasses, quackgrass, redroot pigweed, and lamb's quarters. ELIM EP Herbicide 25% Dry Flowable can be used alone or in a tank mix. 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 is to add a tank mix of ELIM EP Herbicide 25% Dry Flowable with glyphosate and atrazine to provide residual control of lamb's quarters in glyphosate tolerant corn.

Chemistry Assessment

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

Health Assessments

Rimsulfuron, and the proposed tankmix partners glyphosate and atrazine are currently registered for use on glyphosate tolerant corn. The proposed 3-way tankmix use of rimsulfuron + glyphosate + atrazine on glyphosate tolerant corn at rates equal or less than the registered uses will not result in residues exceeding their established MRLs. Consequently, no increase in dietary exposure is anticipated.

Environmental Assessment

A review of the registered labels indicated that the proposed atrazine tank mix partners are currently registered for use at rates superior to those proposed in the current submission. Also, a statement in the proposed ELIM EP Herbicide 25% Dry Flowable label requires users to respect the most restrictive buffer zone of tank mix partners. Therefore, the addition of atrazine as a tank mix partner to ELIM EP Herbicide 25% Dry Flowable does not pose a significant increase in the environmental risk.

Value Assessment

The data from 17 small plot trials conducted at different locations in Ontario between 2004 and 2007 were submitted in support of the proposed three-way tank mix. Trials were laid out as randomized complete block designs with 4 replications. The data submitted for review support a claim of residual control of lamb's quarters for the proposed tank mix. The proposed tank mix is therefore acceptable from a value perspective.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of ELIM EP Herbicide 25% Dry Flowable to include the proposed tank mixture of ELIM EP Herbicide 25% Dry Flowable with glyphosate and atrazine to provide residual control of lamb's quarters in glyphosate tolerant corn.

References

LIST OF STUDIES/INFORMATION SUBMITTED BY REGISTRANT

Value Assessment

PMRA #	Title
1549908	1998. Efficacy and Crop Tolerance of Elim EP Herbicide + Glyphosate + Atrazine Tank Mix in Glyphosate Tolerant Corn. 640 pp.

ISSN: 1911-8082

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