



Evaluation Report for Category C, Subcategory C3.1, 3.9

Application Number: 2007-4536
Application: Application Rate Decrease and Level of Control
Product: Impact Herbicide
Registration Number: 28141
Active ingredients (a.i.): topramezone at 336g/L
PMRA Document Number (English PDF): 1541293

Background

Impact Herbicide has been registered since November 18, 2005. Impact Herbicide is registered in Canada for selective control of grasses and broadleaf weeds in field corn in both conventional and herbicide tolerant hybrids. It may be applied post emergent at 12.5g a.i./ha. 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 made an application to remove the following restriction that appears on the Impact Herbicide (Reg. No. 28141) label. “Do not use Impact Herbicide on corn hybrids with CHU ratings of 2700 or less or in geographic regions of 2700 or less, average crop heat units.”

Chemistry Assessment

Not Required

Health Assessments

Not Required

Environmental Assessment

Not Required

Value Assessment

For this application, the registrant submitted crop tolerance data from a total of 10 field trials conducted in Quebec and southern Ontario to support the proposed label amendment. The data provided were determined to be adequate to support an application of topramezone to field corn hybrids with ratings of less than 2700 corn heat units. Topramezone is currently registered in Canada for use on field corn hybrids with ratings above 2700 corn heat units, therefore efficacy data are not required.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Impact Herbicide to include field corn hybrids rated at less than 2700 Corn Heat Units and for use in geographic regions of 2700 CHU or less.

References

- PMRA # 1441268, 2007. Non-Safety Adverse Effects Evaluation of Topramezone (Impact) Herbicide in Field Corn in Growing Areas of 2700 CHU or Less, DACO 0.16005
- PMRA #1441585, 2007. Non-Safety Adverse Effects Evaluation of Topramezone (Impact) Herbicide in Field Corn in Growing Areas of 2700 CHU or Less DACO 10.3.1

ISSN: 1911-8082

Catalogue number: xxxxxxxxxxxx (xxxxxxxxxx)

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