



Evaluation Report for Category B.3.10 Application (New or Changes to Product Label – Tank Mixes)

Application Number: 2013-2535
Application: Category B.3.10 (new or changes to tank mixes)
Product: Impact Herbicide
Registration Number: 28141
Active ingredients (a.i.): 336 g/L topramezone
PMRA Document Number: 2337370

Background

Impact Herbicide is a systemic post-emergence herbicide for selective control of grasses and broadleaf weeds in field corn, sweet corn, and seed corn. Impact Herbicide is registered for application at a rate of 12.4 g a.i./ha in combination with another herbicide, e.g., atrazine. It is also labelled that “*Merge Adjuvant or Assist Oil Concentrate plus liquid fertilizer (UAN 28%) must be added to all applications of Impact Herbicide*”. 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 Impact Herbicide to include Hasten NT Spray Adjuvant as an alternative to the registered adjuvants, i.e., Merge Adjuvant or Assist Oil Concentrate.

Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, formulation, and use pattern.

Value Assessment

Data from two field trials conducted on field corn in Ontario at Guelph in 2012 demonstrated that efficacy and crop safety of Impact Herbicide + atrazine + 28% UAN applied with Hasten NT Spray Adjuvant was not different with that applied with Merge Adjuvant at the same rates.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the inclusion of Hasten NT Spray Adjuvant as an alternative to the registered adjuvants, i.e., Merge Adjuvant or Assist Oil Concentrate, on the Impact Herbicide label.

Reference

List of Studies/Information Submitted by Registrant

PMRA # 2301509:Hasten NT Summary, DACO: 10.2.3.1.

PMRA # 2301514:Hasten NT, Impact Herbicide, Atrazine, UAN, 2012, Corn Data, DACO:
10.2.3.3(B).

PMRA # 2301515:Hasten NT, Impact Herbicide, Atrazine, UAN, 2012, Corn Report, DACO:
10.2.3.3(B)

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