

Evaluation Report for Category C, Subcategory C3.1-S-A-EP

Application Number: 2007-7252
Application:
Product: Primextra II Magnum Herbicide
Registration Number: 25730
Active ingredients (a.i.): s-metolachlor, atrazine
PMRA Document Number: 1711447

Background

Primextra II Magnum Herbicide has been registered since November 12, 1998. Primextra II Magnum Herbicide is registered in Canada (excluding British Columbia) for selective control of grasses and broadleaf weeds in field corn. It may be applied pre-plant surface, pre-plant incorporated, pre-emergence, or post emergence at 1800-2880g 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 applied to include the presently labelled post-emergence rate of 1800 g ai/ha Primextra II Magnum to be applied pre-plant surface, pre-plant incorporated or pre-plant, for suppression of labelled weeds during the critical crop establishment stage. This treatment is to be made only in conjunction with a registered post-emergence herbicide application. The proposed treatment may also be tank mixed with a labelled glyphosate partner if desired, for the purposes of enhanced burndown of emerged weeds.

Chemistry Assessment

Not Required

Health Assessments

Not Required

Environmental Assessment

Not Required

Value Assessment

The data from 20 small plot trials conducted at different locations in Ontario in 2007 were submitted for review. Trials were laid out as randomized complete block designs with 4 replications. The data submitted for review support a claim of suppression of labelled weeds during the critical crop establishment stage, with or without glyphosate as a tank mix partner.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Primextra II Magnum Herbicide to include a pre-plant surface, pre-plant incorporated or pre-plant treatment of 1800 g ai/ha for suppression of labelled weeds during the critical crop establishment stage. The data also support a tank mix of 1800 g ai/ha Primextra II Magnum Herbicide with labelled rates of glyphosate for use pre-plant surface or pre-emergence in eastern Canada.

References

- PMRA # 1481337, 2007. Summary of Efficacy Trials, 7 pp. DACO 10.2.3.1
- PMRA #1481339, 2007. Trial Reports, 81 pp. DACO 10.2.3.3, 10.3.2

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