



## Evaluation Report for Category B, Subcategory 3.10 Application

**Application Number:** 2015-1911  
**Application:** Category B.3.10 (new or changes to product label – tank mixes)  
**Product:** Primextra II Magnum Herbicide  
**Registration Number:** 25730  
**Active ingredients (a.i.):** 400 g/L s-metolachlor and 320 g/L atrazine and related triazines  
**PMRA Document Number :** 2573531

### Background

Primextra II Magnum Herbicide (Reg. No. 25730; 400 g/L s-metolachlor + 320 g/L atrazine and related triazines) is registered for selective control of grasses and broadleaf weeds in corn when applied as pre-plant surface, pre-plant incorporated, pre-emergent, early post-emergent (spike to 2-leaf stage), and post-emergent (3-6 leaf stage) treatments. Primextra II Magnum Herbicide may be applied alone or in tank mixes with listed herbicides for control of a broader spectrum of weeds. 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 update the Primextra II Magnum Herbicide label to include a non-ionic surfactant in tank mix with Touchdown Total or Traxion Herbicides. Presently this use is contraindicated with the following wording: 'No surfactant is required when using a tank mix with (Touchdown Total or Traxion) applied post-emergent on glyphosate tolerant corn at these rates', in the footnote (#8) of Table on pages 8-10 and as well in the 'Mixing and Spraying Instruction' section on page 11.

### Chemistry, Health, and Environmental Assessments

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

### Value Assessment

Value information including a rationale and supporting data from field trials was submitted for review. Based on the weight of evidence, the use of a labeled non-ionic surfactant in tank mix with PrimExtra II Magnum and Touchdown Total or Traxion herbicides applied post-emergence to glyphosate tolerant field corn is acceptable from a value perspective.

### Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the Primextra II Magnum Herbicide label to remove the contraindication in the label regarding the use of a non-ionic surfactant in tank mix with Touchdown Total or Traxion herbicides when applied post-emergence to glyphosate tolerant field corn.

## Reference

### List of Studies/Information Submitted by Registrant

2533181	2014, Value summary - PRIMEXTRA II MAGNUM 25730 - Cat C amend tank mix, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.2, 10.3.1, 10.3.2, 10.5.1, 10.5.2, 10.5.3, 10.5.4
2533183	2014, Non-safety adverse effects - PRIMEXTRA II MAGNUM 25730 - Trial summaries for PXIIM + TD TOTAL + surfactant, DACO: 10.3.2

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