



## Evaluation Report for Category B, Subcategory 3.10 Application

**Application Number:** 2010-5402  
**Application:** Add Tank Mix  
**Product:** Velocity Herbicide  
**Registration Number:** 29070  
**Active ingredients (a.i.):** Thien carbazono-methyl  
**PMRA Document Number English PDF:** 2150054

### Purpose of Application

The purpose of this application was to amend the Velocity Herbicide label to include the use of a non ionic surfactant in spring and durum wheat or ammonium sulphate in spring wheat, for improved weed control.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

Residue data for thien carbazono-methyl and safener mefenpyr-diethyl in/on wheat generated with the addition of a non ionic surfactant were reviewed to support the addition of a non-ionic surfactant or ammonium sulphate to the label of Velocity Herbicide containing this active ingredient. Based on the review of submitted data, the use of the tank-mixes on wheat will not increase dietary exposure to thien carbazono-methyl, and will not pose an unacceptable health risk to any segment of the population, including infants, children, adults and seniors.

### Environmental Assessment

The use of the tank mixes with a non ionic surfactant or ammonium sulphate, with Velocity Herbicide was not expected to increase risk to the environment.

### Value Assessment

Efficacy and crop tolerance data were submitted by the applicant in support of the addition of a non ionic surfactant or ammonium sulphate to Velocity Herbicide for improved weed control of all labeled weeds. A claim of more consistent weed control, including wild oat in areas of heavy infestation, is supported with the addition of a non ionic surfactant or ammonium sulphate to Velocity Herbicide.

## Conclusion

The PMRA has reviewed the data provided and has determined the amendment to the Velocity label to include the use of a non ionic surfactant in spring and durum wheat or ammonium sulphate in spring wheat, for improved weed control is acceptable.

## References

- 1979411      2010, Velocity herbicide + agral 90 or ammonium sulphate for improved weed control in spring wheat and durum wheat - Data to support registration of velocity herbicide + agral 90 or ammonium sulphate, DACO: 10,10.2.3.1,10.2.3.3,10.3.1,10.3.2
- 1979480      2009, BYH 18636 - Magnitude of residues in/on wheat when used with an external adjuvant, DACO: 7.2.5,7.4,7.4.1,7.4.6

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