

Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2010-5632
Application: Add Tank Mix
Product: Velocity M3 Herbicide
Registration Number: 29584
Active ingredients (a.i.): Bromoxynil, Pyrasulfotole, Thiencazone-methyl
PMRA Document Number English PDF: 2150058

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 necessary for this application.

Health Assessments

Residue data for thiencazone-methyl and bromoxynil in/on wheat generated with the addition of a non ionic surfactant were reviewed and residue data for pyrasulfotole in/on wheat were reassessed to support the addition of ammonium sulphate to the label of Velocity M3 Herbicide containing these active ingredients. Based on the review of submitted data, the use of the tank-mixes on wheat will not increase dietary exposure to thiencazone-methyl, bromoxynil and pyrasulfotole, 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 mix with a non ionic surfactant or ammonium sulphate and Velocity M3 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 ammonium sulphate (AMS) to the Velocity M3 Herbicide label for more consistent control of wild oat in areas of heavy infestation. The efficacy data submitted for review support a claim of more consistent control of wild oats with the addition of AMS to Velocity M3 Herbicide.

A rationale was also provided to support the addition of a claim of control of ALS-resistant cleavers at the 4-6 whorl growth stage, and a claim of suppression of spreading atriplex and giant ragweed with the addition of AMS, which is consistent with the Infinity Herbicide label.

Conclusion

The PMRA has reviewed the data provided and has determined the amendment to the Velocity M3 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

- 1983215 2010, Velocity M3 herbicide - Data to support registration of Velocity M3 herbicide + ammonium sulphate for improved wild oat and cleaver control in spring wheat, DACO: 10,10.1,10.2,10.2.3,10.2.3.1,10.2.3.3,10.2.3.3(B),10.3,10.3.1,10.3.2,10.3.2(A)
- 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
- 1190060 2006, AE 0317309 02 SE06 A1 and and AE 0317309 03 EC23 A8 - Magnitude of the Residue in/on Wheat, DACO: 7.4.1,7.4.2,7.4.6

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