



Evaluation Report for Category B, Subcategory 3.1 Application

Application Number: 2010-2978
Application: B.3.1 (Application rate decrease)
Product: Converge Flexx Herbicide
Registration Number: 29071
Active ingredients (a.i.): Isoxaflutole (IXF)
PMRA Document Number English PDF: 2085037

Purpose of Application

The purpose of this application was to amend the Converge Flexx Herbicide (Registration number 29071) label to include a reduced rate of Converge Flexx Herbicide (52.5 g a.i./ha isoxaflutole) alone, or in tank mixture with Converge 480 Herbicide (Registration number 26277) for early season pre-plant (up to 14 days prior to planting) or pre-emergence applications for weed control in corn.

Chemistry, Health and Environmental Assessment

Chemistry, health and environmental assessments were not required for this application.

Value Assessment

Data were provided from 22 trials, conducted between 1996 and 2009 at various locations throughout Ontario, demonstrating efficacy and crop tolerance of Converge Flexx Herbicide applied at a reduced rate of isoxaflutole (52.8 g a.i./ha) alone or in tank mix with a reduced rate of atrazine (532 g a.i./ha) for pre-plant surface (up to 14 days prior to planting), pre-emergence or early post emergence application in field corn.

The information provided supported early season control claims for lamb's-quarters and witchgrass in addition to an early season suppression claim for green foxtail following an application of Converge Flexx Herbicide alone at a reduced rate (52.8 g a.i./ha). In addition to the above claims, the tank mix of Converge Flexx Herbicide (reduced rate) plus a reduced rate of atrazine (Converge 480 Herbicide; 532 g a.i./ha) provided early season control for fall panicum and yellow foxtail.

Conclusion

The PMRA is able to support control or suppression claims for various weeds when applying the reduced rate of Converge Flexx Herbicide alone, or in tank mixture with Converge 480 Herbicide for early season pre-plant or pre-emergence applications in corn.

References

- PMRA 1926956 2010, Converge Flex Herbicide: Data to support early season control of broadleaf and grassy weeds with a reduced rate on field corn. DACO's 10.1, 10.2.3.1, 10.2.3.3(B), 10.3, 10.3.1, 10.3.2(A) p. 165.

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