

Yuma GL Liquid EC Herbicide Evaluation Report for Category B Streamlined, Subcategory 3.9 and 3.11 Application

Application Number: 2016-6492
Application: Category B, Subcategory 3.9 and 3.11 Application (new or changes to product labels – level of control and new pests)
Product: Yuma GL Liquid EC Herbicide
Registration Number: Reg. No. 30100
Active ingredients (a.i.): quizalofop-p-ethyl [QPE]
PMRA Document Number: 2738731

Background

Yuma GL Liquid EC Herbicide contains 96 g ai/L quizalofop-p-ethyl and is registered for selective post-emergence control of annual and perennial grass weeds in a wide range of broadleaf crops grown across Canada. 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 purposes of this application were to amend the registration of Yuma GL Liquid EC Herbicide by:

1. Changing the labelled claim of suppression for foxtail barley to control when it is applied at 0.5 L/ha; and
2. Adding a label claim of control for both downy brome and Japanese brome when it is applied at 0.5 L/ha.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and Environmental assessments were not required since the use pattern, including host crops, application rates and timings of the component products remain unchanged.

Value Assessment

Downy brome, Japanese brome and foxtail barley are economically important grassy weeds that can be problematic for Canadian farmers. The availability of effective herbicide options is desirable for the management of these problematic weeds.

Field trial data demonstrated that Yuma GL Liquid EC Herbicide would be expected to control downy brome, Japanese brome and foxtail barley when applied at 0.5 L/ha with an appropriate adjuvant as per label directions.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Yuma GL Liquid EC Herbicide by 1) changing the labelled claim of suppression for foxtail barley to control and 2) adding a label claim of control for both downy brome and Japanese brome when Yuma GL Liquid EC Herbicide is applied in accordance with the label instructions.

References

PMRA Doc Number	Reference
2690181	2016, Value Summary, DACO: 10.1,10.2.2,10.2.3.1
2690182	2015, The Performance of Yuma GL in LL Canola, DACO: 10.2.3.3(B)
2690183	2014, Yuma GL + adjuvant for control of downey brome, DACO: 10.2.3.3(B)
2690184	2016, Evaluate the efficacy performance of Yuma GL (quizalopfog) on new label weed additions such as foxtail barley and brome grasses, DACO: 10.2.3.3(B)
2690185	2014, Yuma for control of Japanese brome in RR Canola, DACO: 10.2.3.3(B)
2690186	2014, Yuma for control of downy brome in RR Canola, DACO: 10.2.3.3(B)
2690187	2015, Yuma GL (Quizalofop) on new label weed additions such as downy brome in lentils, DACO: 10.2.3.3(B)

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