

Evaluation Report for Category B, Subcategory 3.5 Application

Application Number: 2007-8658
Application: B.3.5 : Amend product label – Rotational Crops/Plantback interval
Product: Triton C Herbicide
Registration Number: 28622
Active ingredients (a.i.): Tribenuron methyl, Thifensulfuron methyl, Quinclorac
PMRA Document Number: 1720260

Purpose of Application

The purpose of this application is to amend the Triton C Herbicide (Reg. No. 28622) label to reduce the rotational cropping intervals for flax and lentil from 22 to 10 months, and to add oats as a rotational crop with a 12 month recropping interval.

Health Assessments

To support the new crop rotation statement for flax, lentils and oats on the Triton C Herbicide label, no new residue data were submitted. Previously reviewed residue data were reassessed in the framework of this petition. Following the evaluation of the label amendment, there is no indication that this change will lead to measurable residues of either tribenuron methyl, thifensulfuron methyl or quinclorac in rotational crops when used according to the amended label. Since the use rate and preharvest interval remain the same, no increase in dietary exposure is anticipated.

Value Assessment

Data from 11 field trials conducted across the prairie provinces from 2005 to 2007 were submitted to support a reduction in the recropping interval for flax and lentil from 22 to 10 months. In the field trials, Accord DF Herbicide (Reg. No. 25118), containing quinclorac (the active ingredient in Triton C Herbicide which carries the rotational crop restrictions), was applied at 50 and 100 g a.i./ha, representing the 1x and 2x application rates of Triton C Herbicide. When grown as rotational crops planted 10 to 11 months following an application of Accord DF Herbicide, both flax and lentil showed acceptable crop tolerance and yield.

Oats can be supported as a rotational crop with a 12 month recropping interval as oats is currently registered as a rotational crop on the Accord WSB Herbicide (Reg. No. 27813) label with a recropping interval of 12 months following an application of 101 – 124 g quinclorac/ha (2 – 2.5x greater than that applied as Triton C Herbicide).

Chemistry and Environmental Assessment

Chemistry and Environmental assessment were not required for this application.

Conclusion

The reduction of the rotational cropping intervals for flax and lentil from 22 to 10 months and the addition of oats as a rotational crop with a 12 month recropping interval on the Triton C Herbicide label is acceptable for full registration.

References

15162582007, TRITON C Herbicide - Re-Crop Tolerance of Flax and Lentils, DuPont-24347
CA, MRID: n/a, DACO: 10.1,10.2.3.1,10.2.3.3,10.3.1,10.3.2

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