



New or Changes to Product Labels-Rotational Crops\Plantback Intrvl Evaluation Report for Category B, Subcategory 3.5 Application

Application Number: 2006-5096
Application: The addition of oats as a rotational crop
Product: Assure Water Soluble Bag
Registration Number: 27813
Active ingredients (a.i.): Quinclorac [QUC]
PMRA Document Number : 1460230

Background

ACCORD WSB herbicide is a herbicide with mainly systemic action. Uptake into the plant occurs through both the foliage and root system. Accord WSB herbicide is registered for use on spring and durum wheat, spring barley (grown for feed purposes only) and canary seed in the prairie provinces and Peace River region of British Columbia only.

Purpose of Application

The purpose of the current petition is to add oats as a rotational crop.

Chemistry Assessment

A chemistry assessment is not required since there was no change to the product chemistry.

Health Assessments

A toxicology assessment is not required as there was no change in the product formulation. An occupational/bystander exposure assessment is not required since the use pattern and application rates remain unchanged.

To support the addition of oats as a rotational crop to the Accord WSB Herbicide label, no new residue data were submitted. Canadian rotational field trial data on file supports the proposed re-cropping interval of 12 months. Residues of quinclorac in oats planted as a rotational crop 12 months after the last application of Accord WSB would not be expected to be present at levels measurable by the currently established enforcement methods. Therefore, there is no need to establish an MRL for rotational oats and an increase in dietary exposure is not anticipated.

Environmental Assessment

An environmental assessment is not required since the use pattern, application rates and timings remain unchanged.

Value Assessment

The data from a total of seven trials were submitted in support of tame oats as a rotational crop option in the year following application of quinclorac. Crop injury to and yield of tame oats was acceptable. The data submitted for review support tame oats as a rotational crop 12 months after an application of quinclorac.

Additional data generated by AAFC in Lethbridge were also referenced by the applicant. Three trials conducted between 1993 and 1995 evaluated the tolerance of tame oats seeded 7-17 days following an application of quinclorac. Trial reports indicate there was no visual injury or yield reduction in tame oats planted 7-13 days after an application of quinclorac. These data further support the proposed label amendment.

Conclusion

The PMRA has completed an evaluation of the subject application and has determined that Oats can be added as a rotational crop to the Assure Water Soluble Bag Label (PCP# 27813).

References

- PMRA # 1291121, Quinclorac: Petition for Oats as Rotational Crops One Year After Treatment, BASF Canada, Inc., 8 pp.
- PMRA # 1291123, Trial Reports, 28 pp.

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