

Evaluation Report for Category B, Subcategory 3.1, 3.2 Application

Application Number: 2020-4570
Application: Changes to Product Labels - Application Rate Increase or Decrease; Application Timing
Product: Rexade A Herbicide
Registration Number: 32520
Active ingredients (a.i.): Halauxifen, present as methyl ester; Pyroxsulam
PMRA Document Number: 3297450

Purpose of Application

The purpose of this application was to amend the registration of Rexade A Herbicide for spring, durum, and winter wheat to expand the application window from “2-leaf to just prior to flag emergence stage” to “2-leaf to flag leaf stage”, to reduce the preharvest interval (PHI) from 60 to 50 days, and to remove the highest rate of tank-mix partner Rexade B Herbicide (Reg. No. 32294; a.i. 2,4-D ester) from the product label.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicology assessment was not required for this application.

The request to amend the Rexade A Herbicide label can be supported from an occupational exposure perspective, given that the product use pattern remains within the registered use pattern for the active ingredients. Therefore, potential exposure for mixers, loaders, applicators, bystanders and postapplication workers is not expected to exceed the current exposure to the registered product. No health risks of concern are expected for workers and bystanders when label directions, precautions and restrictions are followed.

No new residue data for pyroxsulam or halauxifen-methyl in wheat were submitted to support the reduction in PHI from 60 to 50 days of these actives on the Rexade A Herbicide label. Previously reviewed residue data from field trials conducted in/on wheat were reassessed in the framework of this application. Residues in wheat and livestock commodities are expected to be covered by the existing maximum residue limits (MRLs) for these two actives. The risks from dietary exposure are considered acceptable to all segments of the population, including infants, children, adults and seniors.

Environmental Assessment

The amended application rate and use pattern is within the currently registered uses on spring/durum/winter wheat. Exposure to the environment is acceptable when Rexade A Herbicide is used according to the label directions.

Value Assessment

The expansion of the application window for Rexade A Herbicide applied alone or in tank mix with Rexade B Herbicide provides wheat growers with time management benefits and ensures that they can target their spray applications based on the optimal timing for weed removal.

Value information available for review consisted of precedent registrations, scientific rationales, and data from replicated field trials. This information collectively demonstrated that spring, durum, and winter wheat between the 2-leaf to flag leaf stage could be expected to have adequate margins of tolerance to the application of Rexade A Herbicide alone or in tank mix with Rexade B Herbicide as per the label instructions.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the amendments to the product label of Rexade A Herbicide.

References

PMRA Document Number	Reference
3157156	2020, Field trial ARM reports, Update application growth stage, Rexade A Herbicide, DACO: 10.2.3.2 and 10.3.2
3157158	2020, Pyroxsulam - Late stage of Application, Update application growth stage, Rexade A Herbicide, DACO: 10.1

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