



## Evaluation Report for Category B, Subcategory 3.2 Application

**Application Number:** 2018-0773  
**Application:** Changes to Product Labels – Application Timing  
**Product:** Rexade A Herbicide  
**Registration Number:** 32520  
**Active ingredients (a.i.):** Halauxifen-methyl, present as methyl ester and pyroxsulam  
**PMRA Document Number :** 2974247

### Purpose of Application

The purpose of this application was to amend the application timing for Rexade A Herbicide applied alone or in tank mixture with 2,4-D ester for control of annual grasses and broadleaved weeds in spring wheat, durum wheat and winter wheat.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

A toxicology assessment was not required for this application.

The amendment to the application timing window for wheat on the registered Rexade A Herbicide product label, containing halauxifen-methyl and pyroxsulam, does not represent an expansion of use for either active ingredient. All other use pattern parameters, including chemical handler and postapplication worker use directions and restrictions, are unchanged. As such, the label amendment is not expected to result in potential occupational or bystander exposure over the registered uses of halauxifen-methyl and pyroxsulam. No health risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

No residue data for the herbicide active ingredients halauxifen-methyl and pyroxsulam were submitted to support the amendment to the application timing to wheat on the registered Rexade A Herbicide label. No other amendments to parameters impacting the current food residue review were requested. As such, the amendment does not represent an expansion of use to either active ingredient. Therefore, residues of the herbicide active ingredients in/on treated wheat commodities are not expected to increase and will be covered under the maximum residue limits (MRLs) currently established for each component. Consequently, the dietary exposure to residues of halauxifen-methyl and pyroxsulam is not expected to increase and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

## **Environmental Assessment**

Since the application rates and number of applications will not increase as a result of the changes to the timing of application, there are no anticipated increases to environmental exposure or risk.

## **Value Assessment**

Expanding the application window for the Rexade A Herbicide applied alone or in tank mixture with 2,4-D ester will provide wheat growers with time management benefits and ensure that they can target their spray applications based on the optimal timing for weed removal.

Field trial data and a scientific rationale submitted for review demonstrated that wheat (spring, durum and winter) treated between the 2 leaf to just prior to flag emergence stage with Rexade A Herbicide alone at 20 g ae/ha or Rexade A Herbicide at 20 g ae/ha in tank mixture with 2,4-D ester at 280 or 350 g ae/ha would be expected to exhibit an adequate margin of crop tolerance. The provided value information collectively supports this new application window for Rexade A Herbicide applied alone or in tank mixture with 2,4-D ester on spring, durum and winter wheat as per label directions.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of available information and is able to support the amendment to the product label for Rexade A Herbicide.

## **References**

PMRA Document Number 2854493	References   2018, Trial Reports (12) - Rexade A 2 Leaf NSAE_Final - Fast Track, DACO: 10.3.2.
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ISSN: 1911-8082

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