



## Evaluation Report for Category B, Subcategory 3.1 Application

**Application Number:** 2014-3437  
**Application:** Changes to Product Labels – Application Rate Increase or Decrease  
**Product:** Roundup WeatherMAX with Transorb 2 Technology Liquid Herbicide  
**Registration Number:** 27487  
**Active ingredients (a.i.):** Glyphosate (present as potassium salt)  
**PMRA Document Number :** 2572331

### Purpose of Application

The purpose of this application was to expand the rate range for a single application of Roundup WeatherMAX with Transorb 2 Technology Liquid Herbicide on Roundup Ready sugar beets and to amend the maximum quantity of product that can be applied per hectare per year.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

No toxicological assessment was required for this application.

The exposure and risk from an increase in application rate of Roundup WeatherMAX with Transorb 2 Technology Liquid Herbicide on sugar beets were assessed. No risks of concern were identified for chemical handlers, post-application re-entry workers or bystanders when the product is applied according to the approved label directions, and when workers wear the personal protective equipment identified on the label.

No new dietary residue data for glyphosate in/on Roundup Ready sugar beets were submitted to support the amendments to the label of Roundup WeatherMax with Transorb 2 Technology Liquid Herbicide. Previously reviewed field trial and processing data for glyphosate tolerant sugar beets were considered in the context of the current application. Based on this assessment, residues in/on sugar beet roots treated according to the approved label directions will be covered under the MRL of 10 ppm established for residues of glyphosate, including the metabolite aminomethylphosphonic acid in/on sugar beet roots, including its processed commodities. No increase to the dietary burden of livestock is anticipated with these label amendments. Exposure to residues of glyphosate will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors

### Environmental Assessment

No additional environmental data were required to increase the single and yearly maximum application rates for field sprayer application of Roundup Weather MAX with Transorb 2 Technology Liquid Herbicide on Roundup Ready sugar beets. The increases in single and yearly maximum applications rates are within the registered use rates for glyphosate on other crops.

## **Value Assessment**

Value information consisting of a scientific rationale was submitted. The rationale outlined the need for a higher rate of Roundup WeatherMAX with Transorb 2 Technology Liquid Herbicide to improve early season weed control for hard to control weeds such as round-leaved mallow and wild buckwheat. The rationale also referred to crop tolerance data reviewed at the time Roundup Ready sugar beets was added to the Roundup WeatherMAX with Transorb 2 Technology Liquid Herbicide label. In addition, the rate increase would make the Canadian and US rates consistent. The information was found to support the rate increase from a value perspective.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of available information and is able to support the amendment to expand the rate range for a single application of Roundup WeatherMAX with Transorb 2 Technology Liquid Herbicide on Roundup Ready sugar beets and to amend the maximum quantity of product that can be applied per hectare per year.

## **References**

| PMRA<br>Document<br>Number | References                                  |
|----------------------------|---------------------------------------------|
| 2450515                    | 2014, Value Summary - Rationale, DACO: 10.1 |

ISSN: 1911-8082

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