

## Evaluation Report for Category B, Subcategory 3.4 & 3.5 Application

**Application Number:** 2013-4738  
**Application:** Changes to Product Labels-Application Method, Rotational Crops\Plantback Interval  
**Product:** Authority 480 Herbicide  
**Registration Number:** 29012  
**Active ingredients (a.i.):** Sulfentrazone  
**PMRA Document Number:** 2379529

### Purpose of Application

Authority 480 Herbicide is a flowable suspension concentrate herbicide registered since May 2008. It contains the active ingredient sulfentrazone, present at 480 g per litre. The purpose of this application was to amend the label of Authority 480 Herbicide to remove the pre-plant incorporated application method and to decrease the re-cropping interval for canola (from 24 months to 12 months) and lentils (from 36 months to 24 months).

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

Toxicological and occupational assessments were not required for this application.

No new residue data were submitted in support of the request to revise the plant back intervals for canola and lentils, and to remove the pre-plant incorporated application method for Authority 480 Herbicide containing active ingredient sulfentrazone. These revisions on the Authority 480 Herbicide label will not have an impact on the magnitude of sulfentrazone residues in the rotational crops. Therefore, the use of Authority 480 Herbicide will not increase the dietary exposure and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

### Environmental Assessment

An environmental assessment was not required for this application.

## **Value Assessment**

To support the application, reports from 11 trials for canola and 9 trials for lentils as well as letters of support from a researcher at Agriculture and Agri-Food Canada and from a research assistant at the University of Saskatchewan were provided for review.

Based on the information available, the removal of pre-plant incorporated application method to be replaced with pre-plant (no incorporation required) would not change the level of efficacy of the product nor would it affect the tolerance of host crops. The efficacy data provided support the change in rotational interval following an application of Authority 480 Herbicide at 140 g a.i./ha of sulfentrazone from 24 months to 12 months for canola and from 36 months to 24 months for lentils.

## **Conclusion**

The PMRA has conducted a review of the available information and has concluded that removal of pre-plant incorporated application method and the decrease of re-cropping interval for canola and lentil on the Authority 480 Herbicide label are acceptable.

## References

- 2339163 2012, Summary of Data to Support an Amendment of Authority 480 Herbicide (sulfentrazone active) Based on the Crop Rotational Data Generated to Date, DACO: 10.3,10.3.2(A)

ISSN: 1911-8082

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