



## Evaluation Report for Category B, Subcategory 3.5 Application

**Application Number:** 2013-2057  
**Application:** New or changes to product labels – rotational crops/plantback interval  
**Product:** SC547 Herbicide  
**Registration Number:** 29981  
**Active ingredients (a.i.):** Tembotrione (LAD), Thiencazone-methyl (RRR)  
**PMRA Document Number:** 2311028

### Purpose of Application

The purpose of this application was to amend the SC547 Herbicide label to include the following rotational crops on the subject product labels: alfalfa, canola, dry beans, oats, peas, potato spring barley, spring wheat, sugarbeet and tomato.

### Chemistry and Environmental Assessments

Chemistry and environmental assessments were not required for this application.

### Health Assessments

Occupational exposure and toxicological assessments were not required for this application.

No new residue data for tembotrione or thiencazone-methyl were submitted to support the addition of various rotational crops to the SC547 Herbicide label, containing both of these active ingredients. Previously submitted residue data for these active ingredients were reassessed to support the addition of the rotational crops alfalfa, canola, dry beans, field peas, oats, spring barley and spring wheat (with a plant-back interval of 10 months), and potato, sugarbeet and tomato (with a plant-back interval of 22 months). No quantifiable residues of tembotrione or thiencazone-methyl were observed in rotational crop trials at exaggerated application rates and relevant plant-back intervals. Therefore, the dietary exposure to tembotrione or thiencazone-methyl is not expected to increase and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

### Value Assessment

The results from 37 field trials conducted in Canada and the USA indicate that alfalfa, canola, dry beans, oats, peas, spring barley and spring wheat may be safely grown 10 months after application of VIOS G3; and potato, sugarbeet and tomato 22 months after application. These data were used to support the current application. The addition of these rotational crops to the SC547 Herbicide label will provide growers more flexibility in their cropping practices.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, SC547 Herbicide, and has found the information sufficient to include the following rotational crops on the subject product labels: alfalfa, canola, dry beans, oats, peas, potato spring barley, spring wheat, sugarbeet and tomato on the product label.

## References

PMRA Document Number	Reference
2291883	2013, VIOS G3 Herbicide- Data to Support Additional Rotational Crops, 369 pp., DACO: 10.1, 10.3, 10.3.3

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