

Evaluation Report for Category B, Subcategory 3.5 Application

Application Number: 2013-2056
Application: New or changes to product labels – rotational crops/plantback interval
Product: VIOS G3
Registration Number: 29643
Active ingredients (a.i.): Tembotrione (LAD), Thiencazone-methyl (RRR)
PMRA Document Number : 2311020

Purpose of Application

The purpose of this application was to amend the VIOS G3 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 Vios G3 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. The addition of these rotational crops to the VIOS G3 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, VIOS G3, 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

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2014

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.