



Health Canada Santé Canada

Your health and safety... our priority.

Votre santé et votre sécurité... notre priorité.

Re-evaluation Note

REV2012-03

# Re-evaluation Project Plan for Paclobutrazol

*(publié aussi en français)*

**9 November 2012**

This document is published by the Health Canada Pest Management Regulatory Agency. For further information, please contact:

Publications  
Pest Management Regulatory Agency  
Health Canada  
2720 Riverside Drive  
A.L. 6604-E2  
Ottawa, Ontario K1A 0K9

Internet: [pmra.publications@hc-sc.gc.ca](mailto:pmra.publications@hc-sc.gc.ca)  
[healthcanada.gc.ca/pmra](http://healthcanada.gc.ca/pmra)  
Facsimile: 613-736-3758  
Information Service:  
1-800-267-6315 or 613-736-3799  
[pmra.infoserv@hc-sc.gc.ca](mailto:pmra.infoserv@hc-sc.gc.ca)

Canada 

ISSN: 1925-0630 (print)  
1925-0649 (online)

Catalogue number: H113-5/2012-3E (print version)  
H113-5/2012-3E-PDF (PDF version)

**© Her Majesty the Queen in Right of Canada, represented by the Minister of Health Canada, 2012**

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.

## Introduction

In Canada, paclobutrazol is under re-evaluation by Health Canada's Pest Management Regulatory Agency (PMRA). The PMRA's pesticide re-evaluation program considers potential risks as well as the value of pesticide products to ensure they continue to meet standards of modern science and current policy established to protect human health and the environment. Under the authority of section 16 of the *Pest Control Products Act*, the registrants of paclobutrazol were notified of the initiation of the re-evaluation of paclobutrazol. Following this, the registrants of paclobutrazol technical grade active ingredients in Canada indicated their intention to support all uses included on the labels of commercial products in Canada. This Re-evaluation Note outlines a project plan and timeline for review, as well as summarizes the anticipated area(s) of focus related to the re-evaluation of paclobutrazol.

Paclobutrazol is a plant growth regulator that has been registered in Canada since 1995. Paclobutrazol is currently registered for use on Greenhouse Non-Food Crops (Use-site Category 6). All registered paclobutrazol end-use products are formulated as liquids, to be applied either by drench application or by hand-held spray equipment.

The project plan discussed below outlines the anticipated area(s) of focus and risk assessments required to complete the re-evaluation of paclobutrazol. Should additional information become available during the re-evaluation period that affects the regulatory status of paclobutrazol, the Agency will reconsider the area(s) of focus and risk assessments required. Currently, a proposed re-evaluation decision for paclobutrazol is anticipated to be published for consultation by Winter 2013.

## Re-evaluation Project Plan

### Human Health Risk Assessment

- A review of paclobutrazol toxicology was conducted in support of the initial registration and the toxicology database for paclobutrazol is considered complete. *Pest Control Products Act* hazard considerations will be addressed.
- Occupational risk assessments previously conducted to support the registered uses will be verified to ensure that they continue to meet the standards of modern science and reflect current policy. Residential exposure will be addressed.
- Based on the registered use pattern for paclobutrazol, a dietary exposure assessment is not required.

### Environmental Risk Assessment

- Based on the registered use pattern, environmental exposure to paclobutrazol is expected to be limited.
- Environmental risk mitigation measures will be reviewed to ensure consistency with current label requirements and the Toxic Substances Management Policy (TSMP) will be considered.

## **Value**

- The value of paclobutrazol will be considered. The viability of alternatives will be examined if risks of concern are identified.

## **Data Requirements**

- No additional data requirements have been identified for paclobutrazol at this time.

## **Anticipated Timeline for Re-evaluation**

- A proposed re-evaluation decision for paclobutrazol is anticipated to be published for consultation by Winter 2013.

## **Additional Information**

PMRA documents can be found on our website at [www.healthcanada.gc.ca/pmra](http://www.healthcanada.gc.ca/pmra). PMRA documents are also available through the Pest Management Information Service. Phone: 1-800-267-6315 within Canada or 1-613-736-3799 outside Canada (long distance charges apply); fax: 613-736-3798; e-mail: [pmra.infoserv@hc-sc.gc.ca](mailto:pmra.infoserv@hc-sc.gc.ca).