



## Re-evaluation Note

REV2003-06

### Update on Re-evaluation of Carbaryl in Canada

The purpose of this document is to update registrants, pesticide regulatory officials and the Canadian public on the status of the re-evaluation of the carbamate insecticide carbaryl in Canada.

The Pest Management Regulatory Agency (PMRA) is currently pursuing a thorough re-evaluation of all active ingredients registered prior to 1995 to ensure that they meet modern safety standards, including new approaches to risk assessment which place specific emphasis on exposure to children. Uses of products that pose unacceptable risks to health, especially children's health, and the environment, will be phased out.

Carbaryl is a common insecticide and is being re-evaluated as part of the re-evaluation of carbamates announced by the PMRA in August 2002 in the Re-evaluation document REV2002-06 *Re-evaluation of Selected Carbamate Pesticides*. The re-evaluation of the turf uses of carbaryl precedes the examination of other registered uses and was announced in the Re-evaluation document REV2000-04, *Re-evaluation of Lawn and Turf Uses of Pesticides*.

*(publié aussi en français)*

**August 13, 2003**

**This document is published by the Alternative Strategies and Regulatory Affairs Division,  
Pest Management Regulatory Agency. For further information, please contact:**

**Publications Coordinator  
Pest Management Regulatory Agency  
Health Canada  
2720 Riverside Drive  
A.L. 6605C  
Ottawa, Ontario  
K1A 0K9**

**Internet:** [pmra\\_publications@hc-sc.gc.ca](mailto:pmra_publications@hc-sc.gc.ca)  
[www.hc-sc.gc.ca/pmra-arla/](http://www.hc-sc.gc.ca/pmra-arla/)

**Information Service:  
1-800-267-6315 or (613) 736-3799  
Facsimile: (613) 736-3798**



ISBN: 0-662-34723-4

Catalogue number: H113-5/2003-6E-PDF

**© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services  
Canada 2003**

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.

In Canada, Bayer CropScience, the registrant and manufacturer of carbaryl, has proposed several risk mitigation measures for this active ingredient, including:

- voluntary discontinuation of the broadcast application of liquid formulations to residential lawns (excluding golf courses and sod farms) pending the outcome of pharmacokinetics data which Bayer CropScience is voluntarily generating to refine post-application risks associated with this use scenario. Residential areas include areas around homes, school, parks, playgrounds, playing fields, public buildings or any other areas where the general public including children could be exposed. The use of liquid formulations on residential lawns would be limited to spot treatments only (defined as an area 100 m<sup>2</sup> or less);
- limitations on packaging of dusts products (e.g., shaker can only; restrictions on amount of active ingredient per container);
- discontinuation of pet care use products (dusts and sprays);
- various mitigation measures for ornamental uses.

Details on the implementation of these measures are under discussion and will be communicated in the near future. This action will help reduce human and environmental exposure to carbaryl.

Bayer CropScience has agreed to similar measures for carbaryl in the United States. Details of the United States Environmental Protection Agency's (USEPA) risk management decision for carbaryl, which is provided in the USEPA's Interim Reregistration Eligibility Decision (IREED) document, have recently been released on the USEPA website at [www.epa.gov/pesticides/](http://www.epa.gov/pesticides/). A 60-day comment period will be announced to provide interested parties an opportunity to comment on the risk management plan.

The PMRA will finalize its re-evaluation of the remaining uses of carbaryl and will publish the results of the full re-evaluation in a future consultation document.