



Re-evaluation Note

REV2000-08

Update on Re-evaluation of Diazinon in Canada

The purpose of this document is to notify registrants, pesticide regulatory officials and the Canadian public on the regulatory status of the organophosphate insecticide diazinon 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 management which place specific emphasis on assessing the risk to children. Those products that pose unacceptable risks to health, especially children's health, and the environment will be targeted for elimination.

Diazinon, one of the more commonly used lawn and turf pesticides, is being re-evaluated as part of the priority re-evaluation of organophosphates announced by the PMRA in June 1999 in the document *Re-evaluation of Organophosphate Pesticides* (REV99-01). Action on the lawn uses was also one of the commitments in the Action Plan on Urban Use Pesticides.

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The PMRA has reached an agreement on the regulatory status of diazinon with the basic manufacturers of diazinon in Canada, Novartis and Makhteshim. The major registrants of diazinon end-use products for this insecticide have also cooperated in the development of this agreement.

Novartis and Makhteshim have agreed to a voluntary discontinuation of certain uses and products in Canada, one that is very similar to the voluntary cancellation agreement recently reached in the United States.

- Residential and commercial diazinon products for indoor uses will be phased out starting in 2001, when production of these products will be ended. Sales of diazinon products for use indoors will virtually end in 2001 with provision for a small amount of carryover into 2002. This is the same schedule as in the United States (U.S.).
- Domestic Class products for use by home owners on lawns will be virtually phased out by the end of 2002, with a provision for a small amount of carry-over in to 2003. This is one year earlier than in the U.S.
- Commercial class products for use by pest control operators on residential and other lawns, will be virtually phased out by the end of 2003, again with provision for a small amount of carry-over into 2004. This is similar to the phase-out schedule in the U.S.

In addition, the basic manufacturers have agreed that the amount of product offered for sale for use on lawns and turf will be reduced by 25% in 2002 and by 50% in 2003. Registrants will also be implementing product stewardship measures for the remainder of the time that these products will be available.

This action serves to phase out all indoor uses and non-agricultural outdoor uses of diazinon, including all uses on lawns and turf. This will help reduce human and environmental exposure and allow for the transition to other means of managing turf pests.

Some agricultural uses will be phased out in Canada, but the details of this action are still under review, and are being discussed with provincial and territorial officials. For uses which remain in the agricultural area there will be additional risk mitigation measures applied.