



Health Canada  
Pest Management  
Regulatory Agency

Santé Canada  
Agence de réglementation  
de la lutte antiparasitaire

# Proposed Maximum Residue Limit

PMRL2007-08

## Quizalofop-ethyl

*(publié aussi en français)*

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Health Canada's Pest Management Regulatory Agency (PMRA), under the authority of the [Pest Control Products Act](#) (PCPA), has concluded that the addition of a new use to the label of Assure II Herbicide, containing technical grade quizalofop-p-ethyl, for the control of annual and perennial grasses on condiment and oilseed type oriental mustard grown in Western Canada is acceptable. The specific uses that were approved in Canada are detailed on the Assure II Herbicide label (PCPA Registration Number 25462).

The evaluation of this quizalofop-p-ethyl application indicated that the end-use product has merit and value and that the human health and environmental risks associated with the proposed new use are acceptable. Details regarding the registration can be found in the corresponding Evaluation Report that is available on the [PMRA website](#), under Public Registry, Product Information, Current Applications<sup>1</sup>.

Before registering a pesticide for food use in Canada, the PMRA must determine the quantity of residues that are likely to remain in or on the food when the pesticide is used according to label directions and that such residues will not pose an unacceptable health risk. This quantity is then legally established as a maximum residue limit (MRL). An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Currently, MRLs are legally established under the Food and Drug Regulations (FDR) after consultation through the *Canada Gazette*. Amendments to the *Food and Drugs Act* (FDA), via [Bill C-28](#), anticipated to come into force in 2007, will allow pesticide MRLs to be legally established under the PCPA without having to adopt MRLs by regulation under the FDA, resulting in a more efficient means of establishing, revising and revoking pesticide MRLs.

Residues of quizalofop-p-ethyl, the resolved (*R*)-isomer, are covered by MRLs established for quizalofop-ethyl, the unresolved isomeric mixture. Consultation on the proposed MRLs for quizalofop-ethyl is being conducted via this document (see Next Steps). This action is being taken in advance of Bill C-28 coming into force to allow the MRLs to be legally established as soon as possible after the FDA is amended.

The proposed MRL for quizalofop-ethyl in Canada in or on oriental mustard, to be added to those MRLs already legally established, is as follows:

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<sup>1</sup> The relevant report can be accessed by selecting the Applications/Amendment/All tab and opening the Evaluation Report found under Application Number 2005-0606.

**Table 1 Proposed Maximum Residue Limits for Quizalofop-ethyl**

<b>Common Chemical Name</b>	<b>Chemical Name of Substance</b>	<b>MRL (ppm)</b>	<b>Food Commodities</b>
Quizalofop-ethyl	ethyl ( <i>RS</i> ) 2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionate, including the acid metabolites of ( <i>RS</i> ) 2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propanoic acid, all expressed as quizalofop-ethyl	0.05	Oriental mustard (condiment and oilseed types)

A complete list of all MRLs established in Canada can be found in [Table II, Division 15](#) of the FDR. Once the amendments to the FDA via Bill C-28 are in force, the list of legally established Canadian MRLs will be available on the PMRA's [MRL webpage](#), which will be updated to include the MRLs listed in this document.

### **International Situation and Trade Implications**

Quizalofop-ethyl is not registered for use on mustard in the United States, and corresponding tolerances have not been established (American tolerances in [40 CFR 180](#) searchable by pesticide). Currently, there are no Codex<sup>2</sup> MRLs established for quizalofop-ethyl ([Codex MRLs](#) searchable by pesticide or commodity).

### **Next Steps**

The PMRA invites the public to submit written comments on the proposed MRLs for quizalofop-ethyl within 75 days from the date of publication of this document. Please forward your comments to Publications (see contact information on the cover page of this document). Health Canada will consider all comments received prior to making a final decision on the proposed MRLs for quizalofop-ethyl and before posting an Established Maximum Residue Limit document on the PMRA's website once the amendments to the FDA are in force.

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<sup>2</sup> Codex is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.