



Health  
Canada Santé  
Canada

*Your health and  
safety... our priority.*

*Votre santé et votre  
sécurité... notre priorité.*

Proposed Maximum Residue Limit

PMRL2019-31

# Pethoxamid

*(publié aussi en français)*

**21 November 2019**

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. 6607 D  
Ottawa, Ontario K1A 0K9

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

Canada 

ISSN: 1925-0835 (print)  
1925-0843 (online)

Catalogue number: H113-24/2019-31E (print version)  
H113-24/2019-31E-PDF (PDF version)

© Her Majesty the Queen in Right of Canada, represented by the Minister of Health Canada, 2019

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 Services and Procurement Canada, Ottawa, Ontario K1A 0S5.

Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) has received applications to register technical grade pethoxamid and the end-use product Pethoxamid 480EC Herbicide for use in Canada on field corn and soybeans.

The evaluation of these pethoxamid applications indicated that the end-use product has value, and the human health and environmental risks associated with the proposed uses are acceptable. Details regarding these applications can be found in Proposed Registration Decision PRD2019-12, *Pethoxamid and Pethoxamid 480EC*, posted to the Canada.ca website on 8 October 2019.

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 be a concern to human health. This quantity is then legally specified 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.

In addition, the PMRA is proposing to specify MRLs for pethoxamid on cotton, popcorn and sweet corn to permit the import and sale of food containing such residues. The PMRA has determined the quantity of residues that are likely to remain in or on the imported commodities when pethoxamid is used according to label directions in the exporting country, and that such residues will not be a concern to human health. Details regarding the proposed MRLs on imported commodities can also be found in PRD2019-12.

Consultation on the proposed MRLs for pethoxamid is being conducted via PRD2019-12. Information regarding the proposed MRLs can be found in Sections 3.6 and 7.1. Supporting field trial residue data are also provided in the PRD. The PMRA invites the public to submit written comments on the proposed MRLs for pethoxamid in accordance with the guidance found in PRD2019-12.

To comply with Canada's international trade obligations, consultation on the proposed MRLs are also being conducted internationally by notifying the World Trade Organization, as coordinated by Canada's Notification Authority and Enquiry Point.

The proposed MRLs for pethoxamid are as follows.

**Table 1 Proposed Maximum Residue Limits for Pethoxamid**

Common Name	Residue Definition	MRL (ppm) <sup>1</sup>	Food Commodity
Pethoxamid	2-chloro- <i>N</i> -(2-ethoxyethyl)- <i>N</i> -(2-methyl-1-phenyl-1-propenyl) acetamide	0.01	Dry soybeans; eggs; fat, meat and meat byproducts of cattle, goats, hogs, horses, poultry and sheep; field corn; milk; popcorn grain;

Common Name	Residue Definition	MRL (ppm) <sup>1</sup>	Food Commodity
			sweet corn kernels plus cob with husks removed; undelinted cotton seeds

<sup>1</sup> ppm = parts per million

MRLs established in Canada may be found using the Maximum Residue Limit Database on the Maximum Residue Limits for Pesticides webpage. The database allows users to search for established MRLs, regulated under the *Pest Control Products Act*, both for pesticides or for food commodities.

### International Situation and Trade Implications

Pethoxamid is a new active ingredient that is concurrently being registered in Canada and the United States. The MRLs proposed for pethoxamid in Canada are the same as corresponding tolerances to be promulgated in the United States.

Once established, the American tolerances for pethoxamid will be listed in the Electronic Code of Federal Regulations, 40 CFR Part 180, by pesticide.

Currently, there are no Codex MRLs<sup>1</sup> listed for pethoxamid in or on any commodity on the Codex Alimentarius Pesticide Index webpage.

### Next Steps

The PMRA invites the public to submit written comments on the proposed MRLs for pethoxamid up to 75 days from the date of publication of this document. Please forward your comments to Publications (see the contact information on the cover page of this document). The PMRA will consider all comments received before making a final decision on the proposed MRLs. Comments received will be addressed in a separate document linked to this PMRL. The established MRLs will be legally in effect as of the date that they are entered into the Maximum Residue Limit Database.

---

<sup>1</sup> The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.