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Established Maximum Residue Limit

EMRL2011-68

Lambda-Cyhalothrin

(publié aussi en français)

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) has established maximum residue limits (MRLs) for lambda-cyhalothrin in or on various commodities to permit the import and sale of foods containing such residues.

Corresponding MRLs were proposed in the consultation document published on 30 June 2011, Proposed Maximum Residue Limit PMRL2011-27, *Lambda-Cyhalothrin*. The PMRA received no comments in response to this consultation.

To comply with Canada's international trade obligations, consultation on the proposed MRLs was also conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada. No comments were received as a result of the World Trade Organization consultation.

The following MRLs take legal effect in Canada as of the publication date of this document and either replace or are in addition to the MRLs previously established for lambda-cyhalothrin.

Established Maximum Residue Limits for Lambda-Cyhalothrin

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Lambda-cyhalothrin	(S)- α -cyano-3-phenoxybenzyl (Z)-(1 <i>R</i> ,3 <i>R</i>)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate and (R)- α -cyano-3-phenoxybenzyl (Z)-(1 <i>S</i> ,3 <i>S</i>)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate, including the epimer, in a 1:1 mixture, (R)- α -cyano-3-phenoxybenzyl (Z)-(1 <i>R</i> ,3 <i>R</i>)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate and (S)- α -cyano-3-phenoxybenzyl (Z)-(1 <i>S</i> ,3 <i>S</i>)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate	2.0	Tea (dried leaves)
		1.0	Rice, wild rice
		0.5	Stone fruits (Crop Group 12-09), ¹ olives
		0.4	Head and stem <i>Brassica</i> (Crop Subgroup 5A, except broccoli and cabbages) ²
		0.3	Pome fruits (Crop Group 11-09) ³
		0.2	Fruiting vegetables (Crop Group 8-09), ⁴ avocados, barley bran, grapes, oranges, rye bran, Satsuma mandarins, sorghum, wheat bran
		0.05	Cucurbit vegetables (Crop Group 9), tree nuts (Crop Group 14), cereal grains (Crop Group 15; except corn, rice, sorghum and wild rice), ⁵ peanuts, pistachios, sugarcane, undelinted cotton seeds
		0.02	Tuberous and corm vegetables (Crop Subgroup 1C) ⁶

¹ The MRL replaces the 0.2 ppm MRL previously established for stone fruits (Crop Group 12) and includes all commodities in the expanded crop group.

² The MRL replaces the 0.1 ppm MRLs previously established for Brussels sprouts and cauliflower and extends the 0.4 ppm MRL already established for broccoli and cabbages to all crop subgroup commodities.

³ The MRL replaces the MRLs previously established for apples (0.07 ppm) and pears (0.01 ppm) and includes all commodities in the expanded crop group.

⁴ The MRL replaces the 0.1 ppm MRL previously established for tomatoes and includes all commodities in the expanded crop group.

⁵ The MRL replaces the MRLs previously established for barley (0.01 ppm) and wheat (0.03 ppm) and extends the 0.05 ppm MRL already established for corn (field, pop and sweet) to all crop group commodities except rice, sorghum and wild rice for which distinct MRLs are established via this action.

⁶ The MRL replaces the 0.01 ppm MRL previously established for potatoes and sweet potato roots and includes all crop subgroup commodities.

MRLs are established for each commodity included in the listed crop groupings in accordance with the Residue Chemistry Crop Groups webpage in the Pesticides and Pest Management section of Health Canada's website.

A complete list of all pesticide MRLs established in Canada can be found on the Maximum Residue Limits for Pesticides webpage in the Pesticides and Pest Management section of Health Canada's website.