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Proposed Maximum Residue Limit

PMRL2010-66

Chlorantraniliprole

(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 concluded that the addition of new uses on caneberries (Crop Subgroup 13-07A) to the product label of DuPont Altacor Insecticide, containing technical grade chlorantraniliprole, is acceptable. The specific uses approved in Canada are detailed on the label of DuPont Altacor Insecticide, *Pest Control Products Act* Registration Number 28981.

The evaluation of this chlorantraniliprole application indicated that the end-use product has merit and value and the human health and environmental risks associated with the new uses are acceptable. Details regarding the registration can be found in the corresponding Evaluation Report that is available in the Pesticides and Pest Management section of Health Canada's website, under Public Registry, Pesticide Product Information Database.¹

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 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.

Consultation on the proposed MRLs for chlorantraniliprole is being conducted via this document (see Next Steps, the last section of this document).

To comply with Canada's international trade obligations, consultation on the proposed MRLs is also being conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada.

The proposed MRLs for chlorantraniliprole in Canada in or on food, to be added to the MRLs already legally established, are as follows.

Table 1 Proposed Maximum Residue Limits for Chlorantraniliprole

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Chlorantraniliprole	3-bromo- <i>N</i> -[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1 <i>H</i> -pyrazole-5-carboxamide	0.9	Caneberries (Crop Subgroup 13-07A)

MRLs are proposed for each commodity included in the caneberry crop subgroup in accordance with Appendix I.

¹ The relevant report can be accessed by selecting the Programs and Special Actions/Minor Use/Historical tab and opening the Evaluation Report found under Application Number 2010-1034.

A complete list of all 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.

International Situation and Trade Implications

MRLs may vary from one country to another for a number of reasons, including differences in pesticide use patterns and the locations of the field crop trials used to generate residue chemistry data.

As per Table 2, the MRL proposed for chlorantraniliprole in Canada differs from the corresponding tolerance established in the United States (tolerances are listed in the Electronic Code of Federal Regulations, 40 CFR Part 180, by pesticide). Currently, Codex Alimentarius MRLs² have not been established for chlorantraniliprole on any commodity. A listing of all established Codex MRLs is available on the Codex Alimentarius Pesticide Residues in Food website.

Table 2 Comparison of Canadian MRL, American Tolerance and Codex MRL

Food Commodity	Canadian MRL (ppm)	American Tolerance (ppm)	Codex MRL (ppm)
Caneberries (Crop Subgroup 13-07A)	0.9	1.8	No MRL established

Next Steps

The PMRA invites the public to submit written comments on the proposed MRL for chlorantraniliprole 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 MRL for chlorantraniliprole and posting a corresponding Established Maximum Residue Limit document in the Pesticides and Pest Management section of Health Canada's website.

² The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.

Appendix I

Crop Groups: Numbers and Definitions

Crop Group		Crop Subgroup		Food Commodities Included in the Crop Subgroup
Number	Name	Number	Name	
13-07	Berry and Small Fruit	13-07A	Caneberry	Blackberries Loganberries Raspberries Wild raspberries