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Proposed Maximum Residue Limit

PMRL2019-10

Flutolanil

(publié aussi en français)

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Publications
Pest Management Regulatory Agency
Health Canada
2720 Riverside Drive
A.L. 6607 D
Ottawa, Ontario K1A 0K9

Internet: canada.ca/pesticides
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

Canada 

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Under the authority of the [Pest Control Products Act](#), Health Canada's Pest Management Regulatory Agency (PMRA) is proposing to establish maximum residue limits (MRLs) for flutolanil on potatoes and peanuts to permit the import and sale of foods containing such residues.

Flutolanil is a fungicide not currently registered for use in Canada.

The PMRA must determine the quantity of residues that are likely to remain in or on the imported food commodities when flutolanil is used according to label directions in the exporting country, and that such residues will not be a concern to human health. This quantity is then legally established as an MRL on the corresponding imported commodity. 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 flutolanil is being conducted via this document (see Next Steps, the last section of this document). A summary of the field trial data used to support the proposed MRLs can be found in Appendix I.

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 [Canada's Notification Authority and Enquiry Point](#).

The proposed MRLs for flutolanil are as follows:

Table 1 Proposed Maximum Residue Limits for Flutolanil

Common Name	Residue Definition	MRL (ppm) ¹	Food Commodity
Flutolanil	N-[3-(1-methylethoxy)phenyl]-2-(trifluoromethyl)benzamide and metabolites converted to [2-(trifluoromethyl)benzoic acid], expressed as flutolanil equivalents	0.5	Peanuts
		0.2	Potatoes

¹ 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

The MRLs proposed for flutolanil in Canada are the same as corresponding American tolerances as listed in the [Electronic Code of Federal Regulations](#), 40 CFR Part 180, by pesticide. Currently, there are no Codex MRLs¹ listed for flutolanil on potatoes and peanuts on the Codex Alimentarius [Pesticide Index](#) webpage.

Next Steps

The PMRA invites the public to submit written comments on the proposed MRLs for flutolanil 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](#).

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

Appendix I

Summary of Field Trial Data Used to Support the Proposed Maximum Residue Limits

Residue data for flutolanil in potatoes and peanuts were submitted to support the maximum residue limits on imported potatoes and peanuts. In addition, processing studies in treated potato and peanut were reviewed to determine the potential for concentration of residues of flutolanil into processed commodities.

Maximum Residue Limits

The recommendation for maximum residue limits (MRLs) for flutolanil was based upon the residues observed in crop commodities treated according to label directions in the exporting country, and the guidance provided in the [OECD MRL Calculator](#). Table A1 summarizes the residue data used to calculate the proposed MRLs for imported potatoes and peanuts.

Table A1 Summary of Field Trial and Processing Data Used to Support the MRLs

Commodity	Application Method/ Total Application Rate	Preharvest Interval (days)	Minimum Field Trial Residues (ppm)	Maximum Field Trial Residues (ppm)	Experimental Processing Factor
Potatoes	Potato seed piece treatment/6.8-7.1 g a.i./45 kg seed piece ¹	Not applicable	<0.05	0.110	No concentration in processed fractions
Peanuts	Broadcast spray application/2.24 kg a.i./ha ²	40	0.10	0.24	No concentration in processed fractions

¹ g a.i./45 kg seed piece = grams of active ingredient per 45 kilograms seed piece

² kg a.i./ha = kilograms of active ingredient per hectare

Following the review of all available data, MRLs as proposed in Table 1 are recommended to cover residues of flutolanil. Residues of flutolanil in these imported crop commodities at the proposed MRLs will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.