

(Unofficial Translation)

Notification of the Ministry of Public Health  
(No.419) B.E 2563 (2020)

Issued by virtue of the Food Act B.E. 2522

Re: Food Containing Pesticide Residues (*Pesticide Residues in Food*) (No.3)

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It deems appropriate to amend the notification of the Ministry of Public Health,  
Re: Food Containing Pesticide Residues (*Pesticide Residues in Food*).

By the virtue of the provisions in the first phase of Section 5 and Section 6 (2) (3) and (9) of the Food Act B.E. 2522 (1979), the Minister of Public Health hereby issues the notification as follows:

**Clause 1.** The definition in Clause 3 of the Notification of the Ministry of Public Health (No 387) B.E. 2560 (2017) Re: Food Containing Pesticide Residues (*Pesticide Residues in Food*), dated 18th August 2017, having text of “Type 4 Hazardous Substance” shall be repealed and replaced with the following texts

“**Type 4 Hazardous Substance**” means the hazardous substance which is not allowed to be produced, imported, exported or possessed in accordance with the Notification of the Ministry of Industry on The List of Hazardous Substances issued under the Hazardous Substance Act B.E. 2535 (1992).

**Clause 2.** Clause 4 of the Notification of the Ministry of Public Health (No 387) B.E. 2560 (2017) Re: Food Containing Pesticide Residues (*Pesticide Residues in Food*), dated 18th August 2017, shall be repealed and replaced with the following texts

“Food Containing Pesticide Residues shall be complied with standard that shall not contain any pesticide define as Hazardous Substances Type 4 under the Hazardous Substance Act B.E. 2535 (1992) prescribed in Annex 1 of this Notification, except those other pesticides specified as follows:

(1) Detected pesticide residues in food shall not exceed the Maximum Residue Limit (MRL) prescribed in Annex 2 of this Notification,

(2) Detected pesticide residues in food, that does not specified in the List No. 2 annexed to this Notification, shall not exceed the limits recommended by Codex Alimentarius Commission, Joint FAO/WHO Food Standards Programme,

(3) Where no MRLs specified in (1) and (2), detected pesticide residues in plant or animal shall not exceed 0.01 milligrams of pesticide residue per kilogram of the food (default limit), unless default limits for plant specified in Annex 3 of this Notification,

(4) Detected Extraneous pesticide residues in food shall not exceed the Extraneous Maximum Residue Limit (EMRL) prescribed in Annex 4 of this Notification.”

**Clause 3.** The following content as No.83 to No.87 is added to Annex 1 of Notification of the Ministry of Public Health No.387 B.E. 2560 (2017) Re: Food Containing Pesticide Residues (*Pesticide Residues in Food*), dated 18th August 2017, as follow:

83.	Chlorpyrifos
84.	Chlorpyrifos-methyl
85.	Paraquat
86.	Paraquat dichloride
87.	Paraquat [bis (methyl sulfate)] or Paraquat methosulfate

**Clause 4.** No.1 Chlorpyrifos and No.23 Paraquat from Annex 2 Maximum Residue Limit (MRL) Attachment of Notification of the Ministry of Public Health No. 387 B.E.256 0 (2017 ) Re: Pesticide Residues in Food, dated 18th August 2017 shall be repealed

**Clause 5.** The annex 5 of the Notification of the Ministry of Public Health No.387 B.E. 2560 (2017) Re: Food Containing Pesticide Residues (*Pesticide Residues in Food*), dated 18th August 2017, shall be repealed and replaced with the annex 5 of this Notification.

**Clause 6.** This Notification have come into force from 1 June 2021 onwards.

Notified on 25<sup>th</sup> September B.E. 2563 (2020)

(Signed) Anutin Charnvirakul

(Mr. Anutin Charnvirakul)

Minister of Public Health

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This English version of the notification is translated to meet the need of the non-Thai speaking people. In case of any discrepancy between the Thai original and the English translation, the original Thai version shall prevail.

## Annex 5

### The analytical methods for pesticide residues in food resulting from the use of pesticides in agriculture

Attachment of Notification of the Ministry of Public Health No. 387 B.E.2560 (2017)

Re: Food Containing Pesticide Residues (Pesticide Residues in Food)

The analytical methods for pesticide residues in food resulting from the use of pesticides in agriculture shall be one of the following:

1. Analytical methods issued by National Organizations or International Standards Organizations, or published in the manuals or publications which are internationally recognized.

2. Performance characteristics of pesticide residue analytical methods must be accurate and reliable. Method validation is performed by a collaborative study or single laboratory based on international guidelines. The result shall be in document comply with the latest version of ISO/IEC 17025.

The analytical methods of pesticide defined as Hazardous Substance Type 4 under the Hazardous substance Act B.E. 2535 (1992) prescribe in Annex 1 of Notification of the Ministry of Public Health No 387 B.E 2560 (2017) Re: Food Containing Pesticides in food).The level should be limited by the sensitivity of the analytical methods. The detected level of pesticide residues in food shall be lower than the Limit of Detection (LOD] and The LOD value shall be specified in an Annex;

Pesticides	Commodities	Limit of Detection; LOD (mg/kg)
1. Chlorpyrifos)	Fresh vegetable, Fresh fruit and others plant	0.005
	Cereal grains and pulses	0.01
	Meats, Milks, Eggs	0.005
2. Chlorpyrifos-methyl	Fresh vegetable, Fresh fruit and others plant	0.005
	Cereal grains and pulses	0.01
	Meats, Milks, Eggs	0.005
3. Paraquat (Includes Paraquat dichloride , {Paraquat [bis (methyl sulfat)]} or Paraquat methosulfate)	Fresh vegetable, Fresh fruit and others plant	0.005
	Cereal grains and pulses	0.02
	Meats, Milks, Eggs	0.005

Note : MRL of processed food shall not exceed MRL of raw materials as specified conditions.