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## **China - Peoples Republic of**

**Post:** Beijing

### **China Releases Standard for Maximum Residue Limits in Foods**

**Report Categories:**

FAIRS Subject Report

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**Report Highlights:**

On June 21, 2018, the Chinese National Health Commission, the Ministry of Agriculture and Rural Affairs and the State Administration for Market Regulation jointly released the National Food Safety Standard - Maximum Residue Limits (MRL) for Pesticides in Foods (GB 2763.1-2018). It sets 302 MRL's for 43 pesticides (including Paraquat). The standard is an addendum of the current MRL Standard (GB 2763-2016) that was implemented on December 21, 2018. This report provides an unofficial translation of the standard.

**Begin Translation****National Food Safety Standard****Maximum Residue Limits for 43 Pesticides in Food (including Paraquat)****Preface**

This standard is formulated pursuant to rules provided in the *GB/T 1.1-2009*.

This standard is an addendum to GB 2763-2016 *National Food Safety Standard - Maximum Residue Limits for Pesticides in Food*, and could be used in conjunction with GB 2763-2016- *National Food Safety Standard - Maximum Residue Limits for Pesticides in Food*.

**National Food Safety Standard****Maximum Residue Limits for 43 Pesticides in Food (including Paraquat)****1 Scope**

This standard specifies 302 maximum residue limits for 43 pesticides (including Paraquat) in food.

The standard applies to foods related to residue limits .

The food categories and testing parts (Appendix A) provided in GB 2763-2016) apply to this standard. If the maximum residue limit of a pesticide is applicable for a certain food category, all the foods in this category will be applicable to this MRL, except otherwise specified.

**2 Normative references**

The following normative documents in this standard are essential for the application of the standard. For dated references, only the dated versions apply to this standard. For not dated references, the latest versions (including all modifications) apply to this standard.

GB 23200.8 *National Food Safety Standard - Determination of 500 pesticides and related chemical residues in fruits and vegetables - Gas chromatography-mass spectrometry*

GB 23200.51 *National Food Safety Standard - Determination of dinotefuran residue in foods - Liquid chromatography-mass spectrometry/Mass spectrometry*

GB 23200.56 *National Food Safety Standard - Determination of quinoxifen residue in foods*

GB 23200.76 *National Food Safety Standard - Determination of flubendiamide residue in foods - Liquid chromatography-mass spectrometry/Mass spectrometry*

GB 23200.115 *National Food Safety Standard - Determination of fipronil and its metabolite residues in eggs - Liquid chromatography-mass spectrometry*

GB/T 19650 *Determination of 478 pesticides and related chemicals residues in animal muscles - Gas chromatography-mass spectrometry*

GB/T 20769 *Determination of 450 pesticides and related chemicals residues in fruits and vegetables - Liquid chromatography-tandem mass spectrometry*

GB/T 20771 *Determination of 450 pesticides and related chemicals residues in honey - Liquid chromatography-tandem mass spectrometry*

GB/T 20772 *Determination of 461 pesticides and related chemicals residues in animal muscles - Liquid chromatography-tandem mass spectrometry*

GB/T 22979 *Determination of boscalid residues in milk and milk powder - Gas chromatography-mass spectrometry*

GB/T 23210 *Determination of 511 pesticides and related chemicals residues in milk and milk powder - Gas chromatography-mass spectrometry*

GB/T 23211 *Determination of 493 pesticides and related chemicals residues in milk and milk powder - Liquid chromatography-tandem mass spectrometry*

SN/T 0293 *Determination of paraquat and diquat residues in food of plant origin for export - Liquid chromatography-mass spectrometry/Mass spectrometry*

SN/T 2234 *Determination of profenofos residues in food for export and import – Gas chromatography and gas chromatography-mass spectrometry*

### **3 Terms and Definitions**

The terms and definitions below apply to this standard.

#### **3.1 Residue definition**

Residue means any specified substances in food, agricultural commodities, or animal feed resulting from the use of a pesticide, including any derivatives of a pesticide, such as conversion products, metabolites, reaction products, and impurities considered to be of toxicological significance.

#### **3.2 Maximum residue limit (MRL)**

MRL is the maximum concentration of a pesticide residue (expressed as mg/kg) to be legally permitted in or on food commodities and agricultural products.

#### **3.3 Acceptable daily intake (ADI)**

ADI of a substance is the daily intake which, during an entire lifetime, appears to be without appreciable risk to the health of the consumer. It is expressed in kilogram of the substance per kilogram of body weight.

### **4 Technical requirements**

#### **4.1 Paraquat**

4.1.1 Main applications: herbicide

4.1.2 ADI: 0.005 mg/kg bwt.

4.1.3 Residues: paraquat cation, expressed as paraquat dichloride.

4.1.4 MRL: shall meet provisions of Table 1.

Table 1

Food category/name	Maximum residue limits, mg/kg
Cereals	
Paddy rice	0.05
Beverages	
Tea leaf	0.2

4.1.5 Determination method: the MRL of cereals is determined according to the method specified in SN/T 0293, and that in the tea leaf is determined in the reference with the method specified in SN/T 0293.

## 4.2 Pyraclostrobin

4.2.1 Main applications: fungicide.

4.2.2 ADI: 0.03 mg/kg bw.

4.2.3 Residues: pyraclostrobin.

4.2.4 MRL: shall meet provisions of Table 2.

Table 2

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals), expressed as residue in fat	0.5*
Edible offal (from mammals other than marine mammals)	0.05*
Meat of poultry	0.05*
Edible offal of poultry	0.05*
Eggs (fresh)	0.05*
Raw milk	0.03*
* This limit is temporary.	

## 4.3 Isopyrazam

4.3.1 Main applications: fungicide.

4.3.2 ADI: 0.06 mg/kg bw.

4.3.3 Residues: isopyrazam.

4.3.4 MRL: shall meet provisions of Table 3.

Table 3

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	0.01*
Fat (from mammals other than milk)	0.01*
Edible offal (from mammals other than marine mammals)	0.02*
Meat of poultry	0.01*
Fat of poultry	0.01*
Edible offal of poultry	0.01*
Eggs (fresh)	0.01*
Raw milk	0.01*
*This limit is temporary.	

#### 4.4 Propiconazole

4.4.1 Main applications: fungicide.

4.4.2 ADI: 0.07 mg/kg bw.

4.4.3 Residues: propiconazole.

4.4.4 MRL: shall meet provisions of Table 4.

Table 4

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals), expressed as residue in fat	0.01
Meat of poultry, expressed as residue in fat	0.01
Fat of poultry	0.01
Eggs (fresh)	0.01
Raw milk	0.01

4.4.5 Determination method: MRL in the meat from mammals other than marine mammals, the meat, fat and egg (fresh) of poultry, and the raw milk shall be determined in the reference with the method specified in GB/T 20772.

#### 4.5 Prothioconazole

4.5.1 Main applications: fungicide.

4.5.2 ADI: 0.05 mg/kg bw.

4.5.3 Residues: prothioconazole-desthio.

4.5.4 MRL: shall meet provisions of Table 5.

Table 5

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	0.01*
Edible offal (from mammals other than marine mammals)	0.5*
Raw milk	0.004*
*This limit is temporary.	

#### 4.6 Profenofos

4.6.1 Main applications: insecticide.

4.6.2 ADI: 0.03 mg/kg bw.

4.6.3 Residues: profenofos.

4.6.4 MRL: shall meet provisions of Table 6.

Table 6

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals), expressed as residue in fat	0.05
Edible offal (from mammals other than marine mammals)	0.05
Meat of poultry	0.05
Edible offal of poultry	0.05
Eggs (fresh)	0.02
Raw milk	0.01

4.6.5 Determination method: MRL in the meat and edible offal from mammals other than marine mammals, the meat, edible offal and egg (fresh) of poultry, and the raw milk shall be determined in the reference with the method specified in SN/T 2234.

#### 4.7 Glufosinate-ammonium

4.7.1 Main applications: herbicide.

4.7.2 ADI: 0.01 mg/kg bw.

4.7.3 Residues: sum of glufosinate isomers and its metabolites 3-methyl-phosphinico-propionic acid (MPP) and N-acetyl-glufosinate (NAG).

4.7.4 MRL: shall meet provisions of Table 7.

Table 7

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	0.05*
Edible offal (from mammals other than marine mammals)	3*
Meat of poultry	0.05*
Edible offal of poultry	0.1*
Eggs (fresh)	0.05*
Raw milk	0.02*
*This limit is temporary.	

#### 4.8 Tebufenozide

4.8.1 Main applications: insecticide.

4.8.2 ADI: 0.02 mg/kg bw.

4.8.3 Residues: tebufenozide.

4.8.4 MRL: shall meet provisions of Table 8.

Table 8

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals), expressed as residue in fat	0.05
Edible offal (from mammals other than marine mammals)	0.02
Meat of poultry	0.02
Eggs (fresh)	0.02
Raw milk	
Raw milk (with the exception with cow milk)	0.01
Cow milk	0.05

4.8.5 Determination method: MRL in the meat and edible offal from mammals other than marine mammals, the meat and egg (fresh) of poultry, and the raw milk shall be determined in the reference with the method specified in GB/T 23211.

#### 4.9 Diflubenzuron

4.9.1 Main applications: insecticide.

4.9.2 ADI: 0.02 mg/kg bw.

4.9.3 Residues: diflubenzuron.

4.9.4 MRL: shall meet provisions of Table 9.

Table 9

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals), expressed as residue in fat	0.1*
Edible offal (from mammals other than marine mammals)	0.1*
Meat of poultry, expressed as residue in fat	0.05*
Fat of poultry	0.05*
Eggs (fresh)	0.05*
Raw milk	0.02*
*This limit is temporary.	

#### 4.10 Diquat

4.10.1 Main applications: herbicide.

4.10.2 ADI: 0.006 mg/kg bw.

4.10.3 Residues: diquat cation, expressed as dibromide.

4.10.4 MRL: shall meet provisions of Table 10.

Table 10

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	0.05*
Edible offal (from mammals other than marine mammals)	0.05*
Meat of poultry	0.05*
Edible offal of poultry	0.05*
Eggs (fresh)	0.05*
Raw milk	0.01*
*This limit is temporary.	

#### 4.11 Dichlorvos

4.11.1 Main applications: insecticide.

4.11.2 ADI: 0.004 mg/kg bw.

4.11.3 Residues: dichlorvos.

4.11.4 MRL: shall meet provisions of Table 11.

Table 11

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	0.01*
Edible offal (from mammals other than marine mammals)	0.01*
Fat (from mammals other than milk)	0.01*
Meat of poultry	0.01*
Edible offal of poultry	0.01*
Fat of poultry	0.01*
Eggs (fresh)	0.01*
Raw milk	0.01*
*This limit is temporary.	

## 4.12 Fenpropimorph

4.12.1 Main applications: fungicide.

4.12.2 ADI: 0.003 mg/kg bw.

4.12.3 Residues: fenpropimorph.

4.12.4 MRL: shall meet provisions of Table 12.

Table 12

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	0.02
Edible offal (from mammals other than marine mammals)	
Liver (pig, cattle and sheep)	0.3
Kidney (pig, cattle and sheep)	0.05
Fat (from mammals other than milk)	0.01
Meat of poultry	0.01
Edible offal of poultry	0.01
Fat of poultry	0.01
Eggs (fresh)	0.01
Raw milk	0.01

4.12.5 Determination method: MRL in the meat and edible offal from mammals other than marine mammals, the fat from mammals other than milk, and the meat, edible offal, fat and egg (fresh) of poultry shall be determined in the reference with the method specified in GB/T 23210, and that in the raw milk shall be determined according to the method specified in GB/T 23210.

## 4.13 Carbosulfan

4.13.1 Main applications: insecticide.

4.13.2 ADI: 0.01 mg/kg bw.

4.13.3 Residues: carbosulfan.

4.13.4 MRL: shall meet provisions of Table 13.

Table 13

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals), expressed as residue in fat	0.05
Edible offal (from mammals other than marine mammals)	0.05
Meat of poultry	0.05
Edible offal of poultry	0.05
Eggs (fresh)	0.05

4.13.5 Determination method: MRL in the meat from mammals other than marine mammals and the meat of poultry shall be determined according to the method specified in GB/T 19650, and that in the edible offal from mammals other than marine mammals and the edible offal and egg (fresh) of poultry shall be determined in the reference with the method specified in GB/T 19650.

## 4.14 Acetamiprid

4.14.1 Main applications: insecticide.

4.14.2 ADI: 0.07 mg/kg bw.



4.14.3 Residues: acetamiprid.

4.14.4 MRL: shall meet provisions of Table 14.

Table 14

Food category/name	Maximum residue limits, mg/kg
Meat of poultry	0.01
Edible offal of poultry	0.05
Eggs (fresh)	0.01

4.14.5 Determination method: MRL in the meat of poultry shall be determined according to the method specified in GB/T 20772, and that in the edible offal and egg (fresh) of poultry shall be determined in the reference with the method specified in GB/T 20772.

#### 4.15 Boscalid

4.15.1 Main applications: fungicide.

4.15.2 ADI: 0.04 mg/kg bw.

4.15.3 Residues: boscalid.

4.15.4 MRL: shall meet provisions of Table 15.

Table 15

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals), expressed as residue in fat	0.7
Edible offal (from mammals other than marine mammals)	0.2
Meat of poultry	0.02
Edible offal of poultry	0.02
Fat of poultry	0.02
Eggs (fresh)	0.02
Raw milk	0.1

4.15.5 Determination method: MRL in the meat and edible offal from mammals other than marine mammals, and the meat, edible offal, fat and egg (fresh) of poultry shall be determined in the reference with the method specified in GB/T 22979, and that in the raw milk shall be determined according to GB/T 22979.

#### 4.16 Chlorpyrifos

4.16.1 Main applications: insecticide.

4.16.2 ADI: 0.01 mg/kg bw.

4.16.3 Residues: chlorpyrifos.

4.16.4 MRL: shall meet provisions of Table 16.

Table 16

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	
Cattle fat	1
Lamb fat	1
Swine fat	0.02
Edible offal (from mammals other than marine mammals)	
Pig offal	0.01
Sheep offal	0.01
Cattle kidney	0.01
Cattle liver	0.01
Meat of poultry	0.01
Fat of poultry	0.01
Edible offal of poultry	0.01
Eggs (fresh)	0.01
Raw milk	0.02

4.16.5 Determination method: MRL in the meat from mammals other than marine mammals and the meat of poultry shall be determined according to the method specified in GB/T 20772, and that in the edible offal from mammals other than marine mammals, and the edible offal, fat and egg (fresh) of poultry, and the raw milk shall be determined in the reference with the method specified in GB/T 20772.

#### 4.17 Carbendazim

4.17.1 Main applications: fungicide.

4.17.2 ADI: 0.03 mg/kg bw.

4.17.3 Residues: carbendazim.

4.17.4 MRL: shall meet provisions of Table 17.

Table 17

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	
Beef	0.05
Edible offal (from mammals other than marine mammals)	0.05
Meat of poultry	0.05
Fat of poultry	0.05
Eggs (fresh)	0.05
Raw milk	0.05

4.17.5 Determination method: MRL in the meat from mammals other than marine mammals and the meat of poultry shall be determined according to the method specified in GB/T 20772, and that in the edible offal from mammals other than marine mammals, the fat and egg (fresh) of poultry, and the raw milk shall be determined in the reference with the method specified in GB/T 20772.

#### 4.18 Spinosad

4.18.1 Main applications: insecticide.

4.18.2 ADI: 0.02 mg/kg bw.

4.18.3 Residues: sum of spinosad A and B.

4.18.4 MRL: shall meet provisions of Table 18.

Table 18

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	
Meat from (mammals other than marine mammals and beef), expressed as residue in fat	2
Cattle fat	3
Edible offal (from mammals other than marine mammals)	
Edible offal (from mammals other than marine mammals) (with the exception of kidney and liver of cattle)	0.5
Cattle kidney	1
Cattle liver	2
Meat of poultry, expressed as residue in fat	0.2
Eggs (fresh)	0.01
Raw milk	1

4.18.5 Determination method: MRL in the meat from mammals other than marine mammals and the meat of poultry shall be determined according to the method specified in GB/T 20772, and that in the edible offal from mammals other than marine mammals, the egg (fresh) and the raw milk shall be determined in the reference with the method specified in GB/T 20772.

#### 4.19 Famoxadone

4.19.1 Main applications: fungicide.

4.19.2 ADI: 0.006 mg/kg bw.

4.19.3 Residues: famoxadone.

4.19.4 MRL: shall meet provisions of Table 19.

Table 19

Food category/name	Maximum residue limits, mg/kg
Dried fruits	
Dried grape	5
Meat (from mammals other than marine mammals)	0.5*
Edible offal (from mammals other than marine mammals)	0.5*
Meat of poultry	0.01*
Edible offal of poultry	0.01*
Eggs (fresh)	0.01*
Raw milk	0.03*
*This limit is temporary.	

4.19.5 Determination method: MRL in the dried fruit shall be determined according to the method specified in GB/T 20769.

**4.20 Diphenylamine**

4.20.1 Main applications: fungicide.

4.20.2 ADI: 0.08 mg/kg bw.

4.20.3 Residues: diphenylamine.

4.20.4 MRL: shall meet provisions of Table 20.

Table 20

Food category/name	Maximum residue limits, mg/kg
Meat from mammals	
Beef	0.01*
Edible offal (from mammals other than marine mammals)	
Cattle liver	0.05*
Cattle kidney	0.01*
Raw milk	0.01*
*This limit is temporary.	

**4.21 Diazinon**

4.21.1 Main applications: insecticide.

4.21.2 ADI: 0.005 mg/kg bw.

4.21.3 Residues: diazinon.

4.21.4 MRL: shall meet provisions of Table 21.

Table 21

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	
Meat of pig, cattle and sheep	2*
Edible offal (from mammals other than marine mammals)	
Kidney (pig, cattle and sheep)	0.03*
Liver (pig, cattle and sheep)	0.03*
Meat of poultry	
Chicken meat	0.02*
Poultry offal	
Chicken offal	0.02*
Eggs (fresh)	
Chicken egg	0.02*
Raw milk	0.02*
*This limit is temporary.	

**4.22 Flutriafol**

4.22.1 Main applications: fungicide.

4.22.2 ADI: 0.01 mg/kg bw.

4.22.3 Residues: flutriafol.

4.22.4 MRL: shall meet provisions of Table 22.

Table 22

Food category/name	Maximum residue limits, mg/kg
Oils and fats	
Beans	0.4
Peanut kernels	0.15
Vegetables	
Sweet peppers	1
Fruits	
Grape	0.8
Banana	0.3
Dried fruits	
Dried grape	2
Beverages	
Coffee beans	0.15
Seasonings	
Dried chili	10

4.22.5 Determination method: MRL in the oils and fats shall be determined in the reference with the method specified in GB/T 20769, and that in the vegetables, fruits and dried fruits shall be determined according to the method specified in GB/T 20769.

#### 4.23 Dinotefuran

4.23.1 Main applications: insecticide.

4.23.2 ADI: 0.2 mg/kg bw.

4.23.3 Residues: sum of dinotefuran and 1-methyl-3-(oxolan-3-ylmethyl) urea, expressed as dinotefuran.

4.23.4 MRL: shall meet provisions of Table 23.

Table 23

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	0.1*
Edible offal (from mammals other than marine mammals)	0.1*
Meat of poultry	0.02*
Edible offal of poultry	0.02*
Eggs (fresh)	0.02*
Raw milk	0.1*

4.23.5 Determination method: MRL in the meat from mammals other than marine mammals shall be determined according to the method specified in GB 23200.51, and that in edible offal from mammals other than marine mammals, the meat, edible offal and egg (fresh) of poultry, and the raw milk shall be determined in the reference with the method specified in GB 23200.51.

#### 4.24 Flubendiamide

4.24.1 Main applications: insecticide.

4.24.2 ADI: 0.02 mg/kg bw.

4.24.3 Residues: flubendiamide.

4.24.4 MRL: shall meet provisions of Table 24.

Table 24

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals), expressed as residue in fat	2
Edible offal (from mammals other than marine mammals)	1
Raw milk	0.1

4.24.5 Determination method: MRL in the meat from mammals other than marine mammals which is expressed as residue in fat, the edible offal from mammals other than marine mammals and the raw milk shall be determined according to the method specified in GB 23200.76.

#### 4.25 Fluopicolide

4.25.1 Main applications: fungicide.

4.25.2 ADI: 0.08 mg/kg bw.

4.25.3 Residues: fluopicolide.

4.25.4 MRL: shall meet provisions of Table 25.

Table 25

Food category/name	Maximum residue limits, mg/kg
Vegetables	
Onion	1*
Head cabbage	7*
Brussels sprout	0.2*
Flowerhead brassicas vegetables	2*
Leafy vegetables (with the exception of celery)	30*
Celery	20*
Solanaceous vegetables	1*
Melon vegetables	0.5*
Fruits	
Grape	2*
Dried fruits	
Dried grape	10*
Seasonings	
Dried chili	7*
Meat (from mammals other than marine mammals), expressed as residue in fat	0.01*
Edible offal (from mammals other than marine mammals)	0.01*
Meat of poultry	0.01*
Edible offal of poultry	0.01*
Eggs (fresh)	0.01*
Raw milk	0.02*
*This limit is temporary.	

#### 4.26 Fipronil

4.26.1 Main applications: insecticide.

4.26.2 ADI: 0.0002 mg/kg bw.

4.26.3 Residues: sum of fipronil, fipronil desulfinyl, MB46136 and MB45950, which is expressed as fipronil.

4.26.4 MRL: shall meet provisions of Table 26.

Table 26

Food category/name	Maximum residue limits, mg/kg
Edible offal (from mammals other than marine mammals)	
Cattle kidney	0.02*
Cattle liver	0.1*
Meat of poultry	0.01*
Edible offal of poultry	0.02*
Eggs (fresh)	0.02
Raw milk	
Cow milk	0.02*
*This limit is temporary.	

4.26.5 Determination method: MRL in the egg (fresh) shall be determined according to the method specified in GB 23200.115.

#### 4.27 Sulfoxaflor

4.27.1 Main applications: insecticide.

4.27.2 ADI: 0.05 mg/kg bw.

4.27.3 Residues: sulfoxaflor.

4.27.4 MRL: shall meet provisions of Table 27.

Table 27

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	0.3*
Edible offal (from mammals other than marine mammals)	0.6*
Fat (from mammals other than milk)	0.1*
Meat of poultry	0.1*
Edible offal of poultry	0.3*
Fat of poultry	0.03*
Eggs (fresh)	0.1*
Raw milk	0.2*
*This limit is temporary.	

#### 4.28 Flusilazole

4.28.1 Main applications: fungicide.

4.28.2 ADI: 0.007 mg/kg bw.

4.28.3 Residues: flusilazole.

4.28.4 MRL: shall meet provisions of Table 28.

Table 28

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals), expressed as residue in fat	1
Edible offal (from mammals other than marine mammals)	2
Meat of poultry	0.2
Edible offal of poultry	0.2
Eggs (fresh)	0.1
Raw milk	0.05

4.28.5 Determination method: MRL in the meat and edible offal from mammals other than marine mammals, and the meat, edible offal and egg of poultry shall be determined in the reference with the method specified in GB/T 20772, and that in the raw milk shall be determined according to the method specified in GB/T 20771.

#### 4.29 Cyfluthrin and beta- cyfluthrin

4.29.1 Main applications: insecticide.

4.29.2 ADI: 0.04 mg/kg bw.

4.29.3 Residues: cyfluthrin (sum of its isomer).

4.29.4 MRL: shall meet provisions of Table 29.

Table 29

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals), expressed as residue in fat	0.2*
Edible offal (from mammals other than marine mammals)	0.02*
Meat of poultry	0.01*
Edible offal of poultry	0.01*
Eggs (fresh)	0.01*
Raw milk	0.01*

\*This limit is temporary.

#### 4.30 Emamectin benzoate

4.30.1 Main applications: insecticide.

4.30.2 ADI: 0.0005 mg/kg bw.

4.30.3 Residues: emamectin B1A benzoate.

4.30.4 MRL: shall meet provisions of Table 30.

Table 30

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	0.004*
Edible offal (from mammals other than marine mammals)	0.08*
Fat (from mammals other than milk)	0.02*
Raw milk	0.002*

\*This limit is temporary.



**4.31 Methamidophos**

4.31.1 Main applications: insecticide.

4.31.2 ADI: 0.004 mg/kg bw.

4.31.3 Residues: methamidophos.

4.31.4 MRL: shall meet provisions of Table 31.

Table 31

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	0.01
Edible offal (from mammals other than marine mammals)	0.01
Meat of poultry	0.01
Edible offal of poultry	0.01
Eggs (fresh)	0.01
Raw milk	0.02

4.31.5 Determination method: MRL in the meat and edible offal from mammals other than marine mammals, the meat, edible offal and egg of poultry, and the raw milk shall be determined in the reference with the method specified in GB/T 20772.

**4.32 Phorate**

4.32.1 Main applications: insecticide.

4.32.2 ADI: 0.0007 mg/kg bw.

4.32.3 Residues: sum of phorate & its oxides (phorate sulfoxide & phorate sulfone), expressed as phorate.

4.32.4 MRL: shall meet provisions of Table 32.

Table 32

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	0.02
Edible offal (from mammals other than marine mammals)	0.02
Meat of poultry	0.05
Eggs (fresh)	0.05
Raw milk	0.01

4.32.5 Determination method: MRL in the meat and edible offal from mammals other than marine mammals, and the meat and egg (fresh) of poultry shall be determined in the reference with the method specified in GB/T 23210, and that in the raw milk shall be determined according to the method specified in GB/T 23210.

**4.33 Chlorpyrifos-methyl**

4.33.1 Main applications: insecticide.

4.33.2 ADI: 0.01 mg/kg bw.

4.33.3 Residues: chlorpyrifos-methyl.

4.33.4 MRL: shall meet provisions of Table 33.

Table 33

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals), expressed as residue in fat	0.1
Edible offal (from mammals other than marine mammals)	0.01
Meat of poultry, expressed as residue in fat	0.01
Fat of poultry	0.01
Edible offal of poultry	0.01
Eggs (fresh)	0.01
Raw milk	0.01

4.33.5 Determination method: MRL in the meat from mammals other than marine mammals and the meat of poultry shall be determined according to the method specified in GB/T 20772, that in the meat from mammals other than marine mammals, and the edible offal and egg (fresh) of poultry shall be determined in the reference with the method specified in GB/T 20772, and the raw milk shall be determined according to the method specified in GB/T 23210.

#### 4.34 Pirimiphos-methyl

4.34.1 Main applications: insecticide.

4.34.2 ADI: 0.03 mg/kg bw.

4.34.3 Residues: pirimiphos-methyl.

4.34.4 MRL: shall meet provisions of Table 34.

Table 34

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	0.01
Edible offal (from mammals other than marine mammals)	0.01
Meat of poultry	0.01
Edible offal of poultry	0.01
Eggs (fresh)	0.01
Raw milk	0.01

4.34.5 Determination method: MRL in the meat and edible offal from mammals other than marine mammals, and the meat, edible offal and egg (fresh) of poultry shall be determined according to the method specified in GB/T 20772, and that in the raw milk shall be determined according to the method specified in GB/T 23210.

#### 4.35 Carbaryl

4.35.1 Main applications: insecticide.

4.35.2 ADI: 0.008 mg/kg bw.

4.35.3 Residues: carbaryl.

4.35.4 MRL: shall meet provisions of Table 35.

Table 35

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	0.05
Edible offal (from mammals other than marine mammals)	
Liver (pig, cattle and sheep)	1
Kidney (pig, cattle and sheep)	3
Raw milk	0.05

4.35.5 Determination method: MRL in the meat and edible offal from mammals other than marine mammals shall be determined in the reference with the method specified in GB/T 20772, and that in the raw milk shall be determined in the reference with the method specified in GB/T 23210.

#### 4.36 Carbofuran

4.36.1 Main applications: insecticide.

4.36.2 ADI: 0.001 mg/kg bw.

4.36.3 Residues: sum of carbofuran and hydroxy carbofuran, expressed as carbofuran.

4.36.4 MRL: shall meet provisions of Table 36.

Table 36

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals)	
Meat (cattle, sheep, horse and pig)	0.05
Edible offal (from mammals other than marine mammals)	
Edible offal (cattle, sheep, horse and pig)	0.05
Mammalian fats	
Fat (cattle, sheep, horse and pig)	0.05

4.36.5 Determination method: MRL in the meat from mammals other than marine mammals shall be determined according to the method specified in GB/T 20772, and that in the edible offal from mammals other than marine mammals and the mammalian fat shall be determined in the reference with the method specified in GB/T 20772.

#### 4.37 Quinoxifen

4.37.1 Main applications: fungicide.

4.37.2 ADI: 0.2 mg/kg bw.

4.37.3 Residues: quinoxifen.

4.37.4 MRL: shall meet provisions of Table 37.

Table 37

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals), expressed as residue in fat	0.2
Edible offal (from mammals other than marine mammals)	0.01
Meat of poultry, expressed as residue in fat	0.02
Fat of poultry	0.02
Eggs (fresh)	0.01
Raw milk	0.01

4.37.5 Determination method: MRL in the meat and edible offal from mammals other than marine mammals, the meat, fat and egg (fresh) of poultry, and the raw milk shall be determined in the reference with the method specified in GB 23200.56.

#### 4.38 Dimethoate

4.38.1 Main applications: insecticide.

4.38.2 ADI: 0.002 mg/kg bw.

4.38.3 Residues: dimethoate.

4.38.4 MRL: shall meet provisions of Table 38.

Table 38

Food category/name	Maximum residue limits, mg/kg
Meat (from mammals other than marine mammals) Meat (cattle, sheep, horse and pig)	0.05
Edible offal (from mammals other than marine mammals) Cattle offal	0.05
Sheep offal	0.05
Mammalian fats (with the exception of milk fat)	0.05
Meat of poultry	0.05
Fat of poultry	0.05
Edible offal of poultry	0.05
Eggs (fresh)	0.05
Raw milk Milk of cow and goat	0.05

4.38.5 Determination method: MRL in the meat from mammals other than marine mammals shall be determined according to the method specified in GB/T 20772, and that in the edible offal from mammals other than marine mammals, the Mammalian fats with the exception of milk fat, the meat, fat, edible offal and eggs (fresh) of poultry, and the raw milk shall be determined in the reference with the method specified in GB/T 20772.

#### 4.39 Mandipropamid

4.39.1 Main applications: fungicide.

4.39.2 ADI: 0.2 mg/kg bw.

4.39.3 Residues: mandipropamid.

4.39.4 MRL: shall meet provisions of Table 39.

Table 39

Food category/name	Maximum residue limits, mg/kg
Dried fruits Dried grape	5*
Seasonings Dried chili	10*
*This limit is temporary.	

#### 4.40 Trifloxystrobin

4.40.1 Main applications: fungicide.

4.40.2 ADI: 0.04 mg/kg bw.

4.40.3 Residues: trifloxystrobin.

4.40.4 MRL: shall meet provisions of Table 40.

Table 40

Food category/name	Maximum residue limits, mg/kg
Cereals	
Wheat	0.2
Barley	0.5
Maize	0.02
Oils and fats	
Peanut kernels	0.02
Virgin olive oil	0.9
Refined olive oil	1.2
Vegetables	
Leek	0.7
Head cabbage	0.5
Head lettuce	15
Radish leaves	15
Eggplant	0.7
Sweet pepper	0.3
Celery	1
Asparagus	0.05
Carrot	0.1
Radish	0.08
Fruits	
Citrus fruits (with the exception of orange)	0.5
Pome fruits (with the exception of apple)	0.7
Stone fruits	3
Strawberry	1
Olive	0.3
Papaya	0.6
Dried fruits	
Dried grape	5
Nuts	0.02
Sugar crops	
Sugar beet	0.05
Beverages	
Hops	40

4.40.5 Determination method: MRL in the cereals, oils and fats, nuts, sugar crops and beverages shall be determined in the reference with the method specified in GB 23200.8, and that in the vegetables, fruits and dried fruits shall be determined according to the method specified in GB 23200.8.

#### 4.41 Spinetoram

4.41.1 Main applications: insecticide.

4.41.2 ADI: 0.05 mg/kg bw.

4.41.3 Residues: spinetoram.

4.41.4 MRL: shall meet provisions of Table 41.

Table 41

Food category/name	Maximum residue limits, mg/kg
Vegetables	
Scallion	0.8*
Brassica vegetables (with the exception of cauliflower and head cabbage)	0.3*
Spinach	8*
Head lettuce	10*
Leafy lettuce	10*
Celery	6*
Tomato	0.06*
Legumes vegetables (with the exception of broad bean, vegetable soybean and cowbeans)	0.05*
Fruits	
Sweet orange	0.07*
Pome fruits	0.05*
Peach	0.3*
Nectarine	0.3*
Blueberry	0.2*
Raspberry	0.8*
Grape	0.3*
Nuts	0.01*
Sugar crops	
Sugar beet	0.01*
*This limit is temporary.	

#### 4.42 Etoxazole

4.42.1 Main applications: acaricide.

4.42.2 ADI: 0.05 mg/kg bw.

4.42.3 Residues: etoxazole.

4.42.4 MRL: shall meet provisions of Table 42.

Table 42

Food category/name	Maximum residue limits, mg/kg
Vegetables	
Cucumber	0.02
Fruits	
Citrus fruits (with the exception of orange)	0.1
Pome fruits (with the exception of apple)	0.07
Grape	0.5
Nuts	0.01
Beverages	
Tea leaf	15
Hops	15
Seasonings	
Mint	15

4.42.5 Determination method: MRL in the vegetables and fruits shall be determined according to the method specified in GB 23200, and that in the nuts, beverages and seasonings shall be determined in the reference with the method specified in GB 23200.8.

#### 4.43 Fenpyroximate

4.43.1 Main applications: acaricide.

4.43.2 ADI: 0.01 mg/kg bw.

4.43.3 Residues: fenpyroximate.

4.43.4 MRL: shall meet provisions of Table 43.

Table 43

Food category/name	Maximum residue limits, mg/kg
Vegetables	
Solanaceous vegetables	0.2
Cucumber	0.3
Fruits	
Citrus fruits (with the exception of orange)	0.5
Pome fruits (with the exception of apple)	0.3
Grape	0.1
Dried fruits	
Dried grape	0.3
Nuts	0.05
Beverages	
Hops	10
Seasonings	
Dried chili	1

4.43.5 Determination method: MRL in the vegetables and fruits shall be determined according to the method specified in GB/T 20769, and that in the dried fruits, nuts, beverages and seasonings shall be determined in the reference with the method specified in GB/T 20769.

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## END OF TRANSLATION

Editor's Note: The asterisk appearing in the MRL column means that the limit is a temporary MRL. A temporary MRL is usually set under the following four conditions:

1. The dietary risk assessment is incomplete.
2. The Acceptable Daily Intake (ADI), which is the basis for MRL setting, is temporary.
3. There is no surveillance or analysis method for the MRL that complies with the standard requirements.
4. In emergency situations, the pesticide is approved to be used on un-registered crops.