

Amendment of the Maximum Levels for contaminants in feed commodities (notification)

1. The Ministry of Agriculture, Forestry and Fisheries (MAFF) is proposing to establish or modify Maximum Levels for contaminants in composite feeds or in their ingredients for food producing animals on a basis of new scientific data from surveillance/monitoring by MAFF.
2. The proposed levels are set in accordance with the principle of “as low as reasonably achievable”, and ensuring that at the maximum levels, the contaminants of concern will not pose health risk to food producing animals or humans.

Principle of ALARA is the international concept for setting the standards of contaminants, which shows in the *CODEX GENERAL STANDARD FOR CONTAMINANTS AND TOXINS IN FOOD AND FEED (CGSCTFF)*.

3. In addition, MAFF will specify the food producing animals to which the feeds are to be given.

The levels are described as follows/proposed changes is underlined:

【Maximum Limits⁽ⁱ⁾】

Contaminant	Proposed		Current	
	Feed commodities	levels (mg/kg)	Feed commodities	levels (mg/kg)
Aflatoxin B ₁	Composite feeds for dairy cattle, <u>dairy sheep</u> , and dairy goats	0.01	Composite feeds for dairy cattle	0.01

【Maximum Levels⁽ⁱⁱ⁾】

Contaminant	Proposed		Current	
	Feed commodities	levels (mg/kg)	Feed commodities	levels (mg/kg)
Heavy metal				
Cadmium	Composite feeds ⁽ⁱⁱⁱ⁾	<u>0.8</u>	Composite feeds ⁽ⁱⁱⁱ⁾	<u>1</u>

Lead	Composite feeds ⁽ⁱⁱⁱ⁾	<u>2</u>	Composite feeds ⁽ⁱⁱⁱ⁾	<u>3</u>
Mercury	Composite feeds ⁽ⁱⁱⁱ⁾	<u>0.2</u>	Composite feeds ⁽ⁱⁱⁱ⁾	<u>0.4</u>

Contaminant	Proposed		Current	
	Feed commodities	levels (mg/kg)	Feed commodities	levels (mg/kg)
Aflatoxin B ₁	Composite feeds for adult animals (cattle, pigs, <u>sheep, goats, deer</u> and poultry (except for dairy cattle, <u>dairy sheep and dairy goats</u>)) and quails	0.02	Composite feeds for adult animals (cattle, pigs and poultry (except for dairy cattle)) and quails	0.02
	Composite feeds for young animals (cattle, pigs, <u>sheep, goats, deer</u> and poultry)	0.01	Composite feeds for young animals (cattle, pigs and poultry)	0.01
Deoxynivalenol	Composite feeds for <u>adult ruminant animals</u>	<u>3</u>		<u>4</u>
	Composite feeds ⁽ⁱⁱⁱ⁾ (except for <u>adult ruminant animals</u>)	1		1
Zearalenone	Composite feeds ⁽ⁱⁱⁱ⁾	<u>0.5</u>	Composite feeds ⁽ⁱⁱⁱ⁾ (<u>except for poultry and quails</u>)	<u>1</u>
<u>Total Fumonisin (B₁ + B₂ + B₃)</u>	<u>Composite feeds⁽ⁱⁱⁱ⁾</u>	<u>4</u>	—	—

Proposed			Current		
Other	Feed commodities	levels (mg/kg)	Other	Feed commodities	levels (mg/kg)
<u>Melamine and Cyanuric acid (isocyanuric acid)</u> ^(iv)	Feed and ingredients except for urea	2.5	Melamine	Feed and ingredients except for urea	2.5

- (i) A maximum limit is the maximum concentration of contaminant allowed in specified feed(s) for distribution and expressed in mg/kg, detection of a concentration above which will lead to ban of distribution of the feed.
- (ii) A maximum level is the maximum concentration of contaminant allowed in specified feed(s) for distribution and expressed in mg/kg, detection of a concentration above which will require the Japanese Government to consider whether the feed should be recalled taking into account the probability of an adverse effect for food producing animals and/or human.
- (iii) for cattle, pigs, sheep, goats, deer, poultry and quails
- (iv) intentionally added to falsify the protein content in feed.