

Amendment of the ministerial ordinance on the specifications and standards of feeds and feed additives, the Maximum Levels for contaminants in feed commodities and issue of the public notification of the horse only for intended for human consumption.

1 The Scope of horse on the Act on Safety Assurance and Quality Improvement of Feeds  
“horse intended for human consumption”

2 Amendment of the ministerial ordinance on the specifications and standards of feeds and feed additives

(1) Maximum levels for pesticides (contaminants) in feeds for horse

The changes are described by underlined:

Pesticide(Contaminant)	Feed commodities	Levels (mg/kg)
γ-BHC	Cattle, <u>horse</u> , sheep, goat and deer Pig Chicken and quail	0.4 mg/kg 0.05 mg/kg 0.05 mg/kg
BHC (as total of α-BHC, β-BHC, γ-BHC and δ-BHC)	Cattle, <u>horse</u> , sheep, goat and deer Pig Chicken and quail	0.005 mg/kg 0.005 mg/kg 0.005 mg/kg
DDT (including DDD and DDE)	Cattle, <u>horse</u> , sheep, goat and deer Pig Chicken and quail	0.1 mg/kg 0.1 mg/kg 0.1 mg/kg

Aldrin and Dieldrin (as total)	Cattle, <u>horse</u> , sheep, goat and deer	0.02 mg/kg
	Pig	0.02 mg/kg
	Chicken and quail	0.02 mg/kg
Endrin	Cattle, <u>horse</u> , sheep, goat and deer	0.01 mg/kg
	Pig	0.01 mg/kg
	Chicken and quail	0.01 mg/kg
Heptachlor	Cattle, <u>horse</u> , sheep, goat and deer	0.02 mg/kg
	Pig	0.02 mg/kg
	Chicken and quail	0.02 mg/kg

## (2) Feed additives for horse

Classification	Name of feed additives
Prevent deterioration of feed quality	Ethoxyquin, Dibutylhydroxytoluene, Butylhydroxyanisol
	Propionic Acid, Calcium Propionate, Sodium Propionate
	Sodium Alginate, Sodium Caseinate, Sodium Carboxymethyl Cellulose, Sodium Polyacrylate
	Glycerin Fatty Acid Ester, Sucrose Fatty Acid Ester, Sorbitan Fatty Acid Ester, Polyoxyethylene Glycerol Fatty Acid Ester, Polyoxyethylene Sorbitan Fatty Acid Ester
	Formic acid

Supply of nutrient ingredients and other effective ingredients of feed	Aminoacetic Acid, DL-Alanine, L-Arginine, L-Lysine Monohydrochloride, Monosodium L-glutamate, N-(aminoimino-methyl) glycine, 2-deamino-2-hydroxymethionine, Taurine, DL-Tryptophan, L-Tryptophan, L-Threonine, L-Valine, DL-Methionine, L-Lysine sulphate
	L-Ascorbic Acid, Calcium L-Ascorbate, Sodium L-Ascorbate, Sodium-Carcium-L-Ascorbic acid-2-phosphate ester, L-Ascorbic acid-2-phosphoestermagnesium, Acetomenaphthone, Inositol, Dibenzoyl Thiamine Hydrochloride, Ergocalciferol, Choline Chloride, Thiamine Hydrochloride, Pyridoxine Hydrochloride, $\beta$ -Carotene, Cholecalciferol, DL- $\alpha$ -Tocopherol Acetate, Cyanocobalamin, Thiamine Mononitrate, Nicotinic Acid, Nicotinamide, p-Aminobenzoic Acid, Calcium D-Pantothenate, Calcium DL-Pantothenate, d-Biotin, Vitamin A Powder, Vitamin A Oil, Vitamin D Powder, Vitamin D3 Oil, Vitamin E Powder, Menadione Dimethylpyrimidinol Bisulfite, Menadione Sodium Bisulfite, Folic Acid, Riboflavin, Riboflavin Tetra butyrate, Potassium Chloride, Ferric Citrate, Calcium gluconate, Iron and Sodium Succinate Citrate, Magnesium oxide, Aluminum Hydroxide, Zinc Carbonate, Cobaltous Carbonate, Sodium Bicarbonate, Magnesium Carbonate, Manganese Carbonate, Zinc bis(2-hydroxy-4-methylthio butyrate), Copper bis (2-hydroxy-4-methylthio butyrate), Manganese bis (2-hydroxy-4-methylthio butyrate), Ferrous DL-Threonate, Calcium Lactate, Ferrous Fumarate, Zinc Peptide, Iron Peptide, Copper Peptide, Manganese Peptide, Potassium Iodide, Potassium Iodate, Calcium Iodate, Zinc Sulfate, Exsiccated, Zinc Sulfate, Zinc Methionine Sulfate, Cobaltous Sulfate, Exsiccated, Cobaltous Sulfate, Ferrous Sulfate, Exsiccated, Copper Sulfate, Exsiccated, Copper Sulfate

(continued) Supply of nutrient ingredients and other effective ingredients of feed	Sodium Sulfate, Exsiccated, Magnesium Sulfate, Exsiccated, Magnesium Sulfate, Manganese Sulfate, Dipotassium Hydrogen Phosphate, Exsiccated, Disodium Hydrogen Phosphate, Exsiccated, Potassium Dihydrogen Phosphate, Exsiccated, Sodium Dihydrogen Phosphate, Exsiccated, Sodium Dihydrogen Phosphate
	Flavour
	Saccharin Sodium
Promote efficient use of feed nutrient ingredients	Amylase, Alkaline Protease, Xylanase, Xylanase and Pectinase Complex, $\beta$ -Glucanase, Acid Protease, Cellulase, Cellulase, Protease and Pectinase Complex, Neutral Protease, Phytase, Lactase, Lipase
	Bacillus subtilis (BN strain, C-3102 strain, DB9011 strain), Clostridium butyricum (MIYAIRI strain), Lactobacillus acidophilus (GBL-2 strain, LAC-300 strain)

### (3) Feed regulation on BSE prevention

- Animal protein, etc.

Feeds for horse do not contain animal-origin protein (except milk, dairy products, eggs, egg products, gelatin, processed non-ruminants\*–origin protein)

\* pig (including boar), poultry, horse (blood meal, etc.), fish, shellfish

- Animal oil and fat

The content ratio of insoluble impurities in animal fats and oils (except fish or shellfish fat and oils) is no more than 0.15%.

Feeds for horse do not contain ruminant fats or oils (tallow) derived from SRM or dead cattle.

### 3 Amendment of the Maximum Levels for contaminants in feed commodities

The change is described by underlined:

Mycotoxin	Feed commodities	Levels (mg/kg)
Total Fumonisin ( $B_1 + B_2 + B_3$ )	Compound feed for cattle, <u>horse</u> , pigs, sheep, goats, deer, poultry and quails	4 mg/kg

### 4 Labeling of a compound feed for horse

- Labeling of a compound feed for horse includes following:
  - Name of the product
  - Type of compound feed
  - Year and month of manufacture (Year and month of import, if imported)
  - Name and address of manufacturer (Name and address of importer, if imported)
  - Name and address of manufacturing plant (Country of origin, if imported)
  - etc.