

This draft has not been adopted or endorsed by the European Commission. Any views expressed are the preliminary views of the Commission services and may not in any circumstances be regarded as stating an official position of the Commission. The information transmitted is intended only for the Member State or entity to which it is addressed for consultation and discussion.

Mycotoxins in feed

Deoxynivalenol, T2 and HT2 toxin, zearalenone, fumonisins and ochratoxin A

This document contains the provisions reflecting the current state of the technical discussions with Member States and on which input is requested from the stakeholders through this targeted stakeholder consultation

Comments are requested by Thursday 4 March 2021 by email to Frans Verstraete Frans.Verstraete@ec.europa.eu.

A dedicated stakeholder forum on mycotoxins in feed is (provisionally) scheduled for Tuesday 9 March 2021. Stakeholder organisation wishing to have a presentation on their position at this dedicated stakeholder forum are requested to inform thereof Frans Verstraete by email by Friday 26 February 2021 with indication of the title of the presentation and the approximate time needed for presentation (without Q & A).

1) Approach

Feed materials

Establishment of guidance levels in a Commission Recommendation for feed materials, based on the available occurrence data according to As Low As Reasonably Achievable (ALARA), and taking into account the year-to-year variation, climate change, the large variety of feed materials, etc...

Complementary feed

Application of Article 6 of Directive 2002/32/EC on undesirable substances: “ *Insofar as there are no special provisions for complementary feed, Member States shall prescribe that complementary feed may not, taking into account the proportion prescribed for their use in a daily ration, contain level of the undesirable substances listed in Annex I that exceed those fixed for complete feed.*”

In the Commission Recommendation with the guidance levels, some recommendations can be mentioned as regards examinations /investigations to be performed in case the complementary feed contains a level of the mycotoxin higher than the maximum level for complete feed but the level is below the maximum level for complete feed when the proportion in a daily ration is taken into account.

Complete feed

Establishment of maximum level in complete feed, taking into account the Reference Point for Adverse Animal Health Effect (NOAEL/LOAEL)).

In case the current guidance level as established in Commission Recommendation 2006/576/EC is below the level reflecting the Reference Point for Adverse Animal Health Effect and there has been no problem as regards compliance with the current guidance level for the past 15 years, it might be appropriate in certain cases to establish the maximum level not at the level reflecting the Reference Point for Adverse Animal Health Effect, but lower (but in any case not lower than the current guidance level) as it is important to ensure that prevention measures/good practices continue to be applied by all operators in the feed chain.

2) Regulatory levels for deoxynivalenol

	Guidance level in mg/kg (ppm) relative to a feedingstuff with a moisture content of 12%
Feed materials (*)	
Cereals and cereal products (**) with the exception of maize and maize products	6.0
Maize and maize products (***)	10.0
Sugar beet products	5.0

(*) Particular attention has to be paid to feed materials fed directly to the animals that their use in a daily ration should not lead to the animal being exposed to a higher level of these mycotoxins than the corresponding levels of exposure where only the complete feedingstuffs are used in a daily ration.

(**) The term 'Cereals and cereal products' includes not only the feed materials listed under heading 1 'Cereal grains and products derived thereof' of the list of feed materials referred to in part C of the Annex to Commission Regulation (EU) No 2017/1017 of 15 June 2017 on the Catalogue of feed materials (OJ L 159, 21.6.2017, p. 48) but also other feed materials derived from cereals in particular cereal forages and roughages

(***) The term 'Maize and maize products' includes not only the feed materials listed under heading 1 'Cereal grains and products derived thereof' of the list of feed materials referred to in part C of the Annex to Commission Regulation (EU) No 2017/1017 of 15 June 2017 (OJ L 159, 21.6.2017, p. 48) but also other feed materials derived from maize in particular maize forages and roughages.

	Maximum level in mg/kg (ppm) relative to a feedingstuff with a moisture content of 12%
Complete feed	
Complete feed with the exception of	5.0
- complete feed for pigs	0.7
- complete feed for calves (< 4 months), lambs, kids and dogs	2.0
- complete feed for rabbits	4.0
- complete feed for fur animals	1.0
- complete feed for fish	0.5

3) Regulatory levels for the sum of T-2 and HT-2 toxin

	Guidance level in mg/kg (ppm) relative to a feedingstuff with a moisture content of 12%
Feed materials (*) (**)	
Oats (with husk)	1.0
Cereals other than oats (with husk)	0.2
Oat milling products (including husk)	3.0
Cereal products other than oat milling products	0.5

(*) Particular attention has to be paid to cereals and cereal products fed directly to the animals that their use in a daily ration should not lead to the animal being exposed to a higher level of these mycotoxins than the corresponding levels of exposure where only the complete feedingstuffs are used in a daily ration.

(**) The reference to cereals, oats and cereal products includes not only the feed materials listed under heading 1 'Cereal grains and products derived thereof' of the list of feed materials referred to in part C of the Annex to Commission Regulation (EU) No 2017/1017 of 15 June 2017 on the Catalogue of feed materials (OJ L 159, 21.6.2017, p. 48) but also other feed materials derived from cereals in particular cereal forages and roughages

	Maximum level in mg/kg (ppm) relative to a feedingstuff with a moisture content of 12%
Complete feed	
Complete feed with the exception of	0.2
- complete feed for adult ruminants, laying hens and fish	0.5
- complete feed for poultry other than laying hens	0.1
- complete feed for cats	0.05

4) Regulatory levels for zearalenone

	Guidance level in mg/kg (ppm) relative to a feedingstuff with a moisture content of 12%
Feed materials (*)	
Cereals and cereal products (**) with the exception of maize and maize products	1.0
Maize and maize products (***)	2.0
Sugar beet products	0.5
Oilseeds and derived products	0.5

(*) Particular attention has to be paid to feed materials fed directly to the animals that their use in a daily ration should not lead to the animal being exposed to a higher level of these mycotoxins than the corresponding levels of exposure where only the complete feedingstuffs are used in a daily ration.

(**) The term 'Cereals and cereal products' includes not only the feed materials listed under heading 1 'Cereal grains and products derived thereof' of the list of feed materials referred to in part C of the Annex to Commission Regulation (EU) No 2017/1017 of 15 June 2017 on the Catalogue of feed materials (OJ L 159, 21.6.2017, p. 48) but also other feed materials derived from cereals in particular cereal forages and roughages

(***) The term 'Maize and maize products' includes not only the feed materials listed under heading 1 'Cereal grains and products derived thereof' of the list of feed materials referred to in part C of the Annex to Commission Regulation (EU) No 2017/1017 of 15 June 2017 (OJ L 159, 21.6.2017, p. 48) but also other feed materials derived from maize in particular maize forages and roughages.

	Maximum level in mg/kg (ppm) relative to a feedingstuff with a moisture content of 12%
Complete feed	
Complete feed with the exception of	2.0
- piglets, gilts (young sows), puppies, kittens, adult dogs and cats for reproduction	0.1
- adult dogs and cats other than for reproduction	0.2
- fish	0.3
- dairy cattle (including calves), sheep (including lambs), goats (including kids), sows and fattening pigs	0.5
- horses and cattle for fattening	1.0

5) Regulatory levels for the sum of fumonisin B1+B2

	Guidance level in mg/kg (ppm) relative to a feedingstuff with a moisture content of 12%
Feed materials (*)	
Maize and maize products (**)	30

(*) Particular attention has to be paid to maize and maize products fed directly to the animals that their use in a daily ration should not lead to the animal being exposed to a higher level of these mycotoxins than the corresponding levels of exposure where only the complete feedingstuffs are used in a daily ration.

(**) The term 'Maize and maize products' includes not only the feed materials listed under heading 1 'Cereal grains and products derived thereof' of the list of feed materials referred to in part C of the Annex to Commission Regulation (EU) No 2017/1017 of 15 June 2017 (OJ L 159, 21.6.2017, p. 48) but also other feed materials derived from maize in particular maize forages and roughages.

	Maximum level in mg/kg (ppm) relative to a feedingstuff with a moisture content of 12%
Complete feed	
Complete feed with the exception of :	5.0
- adult ruminants and fur animals	30
- calves (< 4 months), lambs and kids	10
- poultry except ducks	20
- horses	2.0
- rabbits	1.0
- pigs	0.5

6) Regulatory levels for ochratoxin A (OTA)

	Guidance level in mg/kg (ppm) relative to a feedingstuff with a moisture content of 12%
Feed materials (*)	
Cereals and cereal products (**)	0.25

(*) Particular attention has to be paid to feed materials fed directly to the animals that their use in a daily ration should not lead to the animal being exposed to a higher level of these mycotoxins than the corresponding levels of exposure where only the complete feedingstuffs are used in a daily ration.

(**) The term 'Cereals and cereal products' includes not only the feed materials listed under heading 1 'Cereal grains and products derived thereof' of the list of feed materials referred to in part C of the Annex to Commission Regulation (EU) No 2017/1017 of 15 June 2017 on the Catalogue of feed materials (OJ L 159, 21.6.2017, p. 48) but also other feed materials derived from cereals in particular cereal forages and roughages

	Maximum level in mg/kg (ppm) relative to a feedingstuff with a moisture content of 12%
Complete feed	
Complete feed for	
- pigs	0.05
- poultry	0.1
- cats and dogs	0.01