

Ad hoc meeting with Industry Representatives

18 October 2021

Animal dietary exposure in GMO RA: update on planned activities

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Trusted science for safe food

SCIENTIFIC REPORT

APPROVED: 22 October 2019

doi: 10.2903/j.efsa.2019.5896

Animal dietary exposure: overview of current approaches used at EFSA

European Food Safety Authority (EFSA),
Michele Ardizzone, Marco Binaglia, Bruce Cottrill, Jean-Pierre Cugier, Lucien Ferreira,
Jose Ángel Gómez Ruiz, Matteo Innocenti, Sofia Ioannidou, Secundino López Puente,
Caroline Merten, Marina Nikolic and Giovanni Savoini

Methodologies vary across RA areas ranging from quick worst-case estimations to actual exposure

Weaknesses for ADE acknowledged by the EFSA GMO Panel

Lack of:

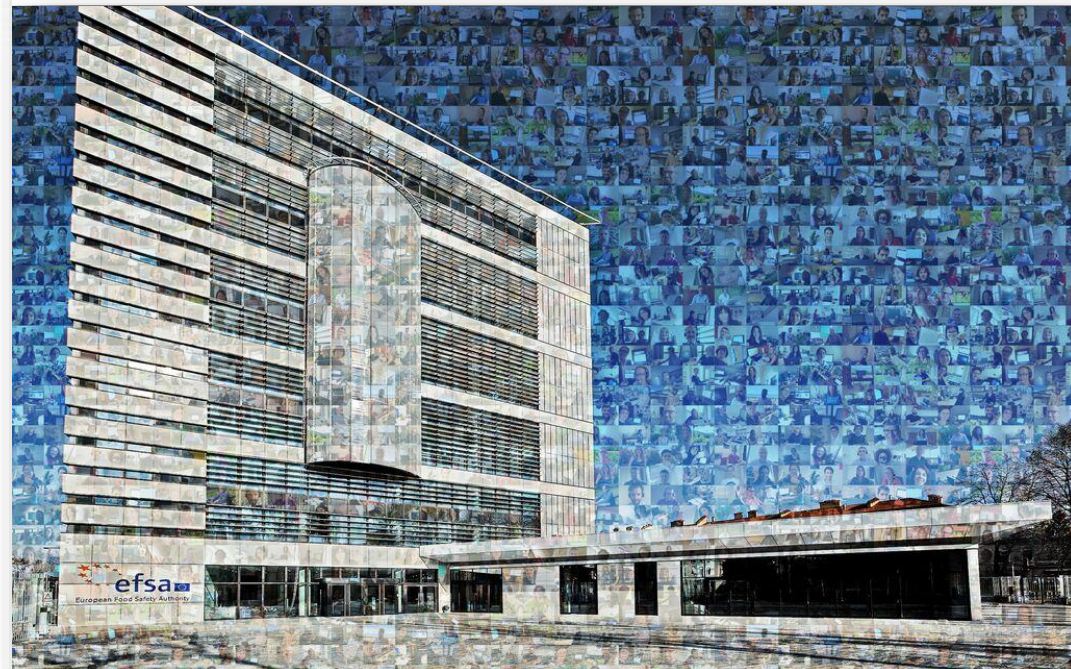
- GUIDANCE for the conduction of ADE at international level
- RECOMMENDATIONS in the EU regulatory frame for ADE of GM feed
- comprehensive FEED CONSUMPTION DATABASE
- harmonised FEED CLASSIFICATION

Heterogeneous approaches:

- selection of animal species
- selection of feed materials to estimate the overall intake of NEPs
- default values to estimate feed consumption

Need for ADE to approach the standard in place for HDE:

- Comprehensive food classification system (FoodEx2 system)
- Food consumption database for the EU human population



REGULATIONS

COMMISSION IMPLEMENTING REGULATION (EU) No 503/2013

of 3 April 2013

on applications for authorisation of genetically modified food and feed in accordance with Regulation (EC) No 1829/2003 of the European Parliament and of the Council and amending Commission Regulations (EC) No 641/2004 and (EC) No 1981/2006

Output on ADE in the RA of GMO

Aim

to give *further clarifications* and *clear indications* to applicants when submitting ADE in the frame of GMO dossiers

Engagement

Applicant's *involvement* before publication is recognized a precious added value

Timelines

- Although the activities were originally planned in 2021, a prioritization was necessary to cope with the workload resulting from the emergency of the *Covid-19 outbreak* and the entry into force of the new *Transparency regulation*.
- Following the *greenlight* from EFSA management, the *plan is to conclude activities in 2022*.



Animal dietary exposure: *Feed classification & consumption database*

Call for tenders' details

Title:	Feed Classification and Feed Consumption Database		
Contracting authority:	European Food Safety Authority (EFSA)		
TED publication date:	06/08/2021		
Time limit for receipt of tenders:	21/10/2021	Status:	Open



Aim

Mapping of existing **systems and methodologies** for FEED CLASSIFICATION and FEED CONSUMPTION DATA COLLECTION

Developing a **proposal** for:

- update of the current EFSA food/feed classification system (FoodEx2)
- development of a feed consumption database

Providing a **PROOF OF CONCEPT** for the development of a feed consumption database

Organizing a **workshop with** potential **stakeholders**