

Past Change of the feedban

Consequences for respective
EURLs





fasfc

Federal Agency
for the Safety of the Food Chain

Federal Agency for the Safety of the Food Chain

Born from the dioxin and TSE
crisis

.be

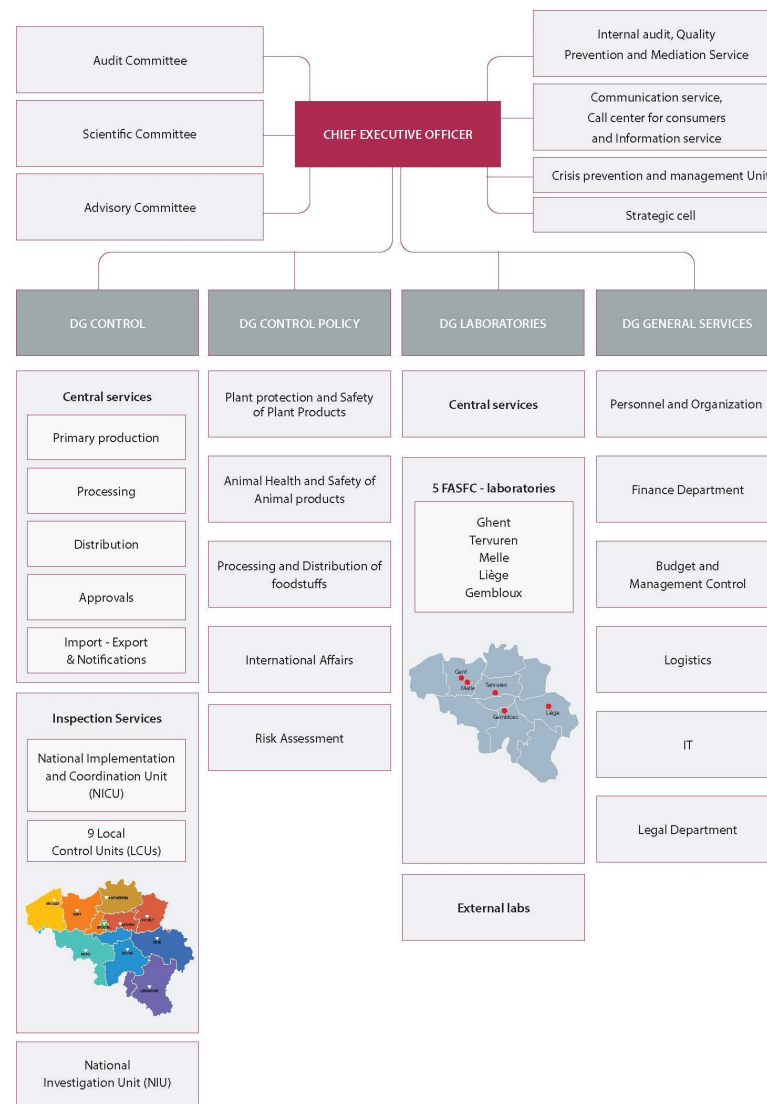




Federal Agency
for the Safety of the Food Chain



.be



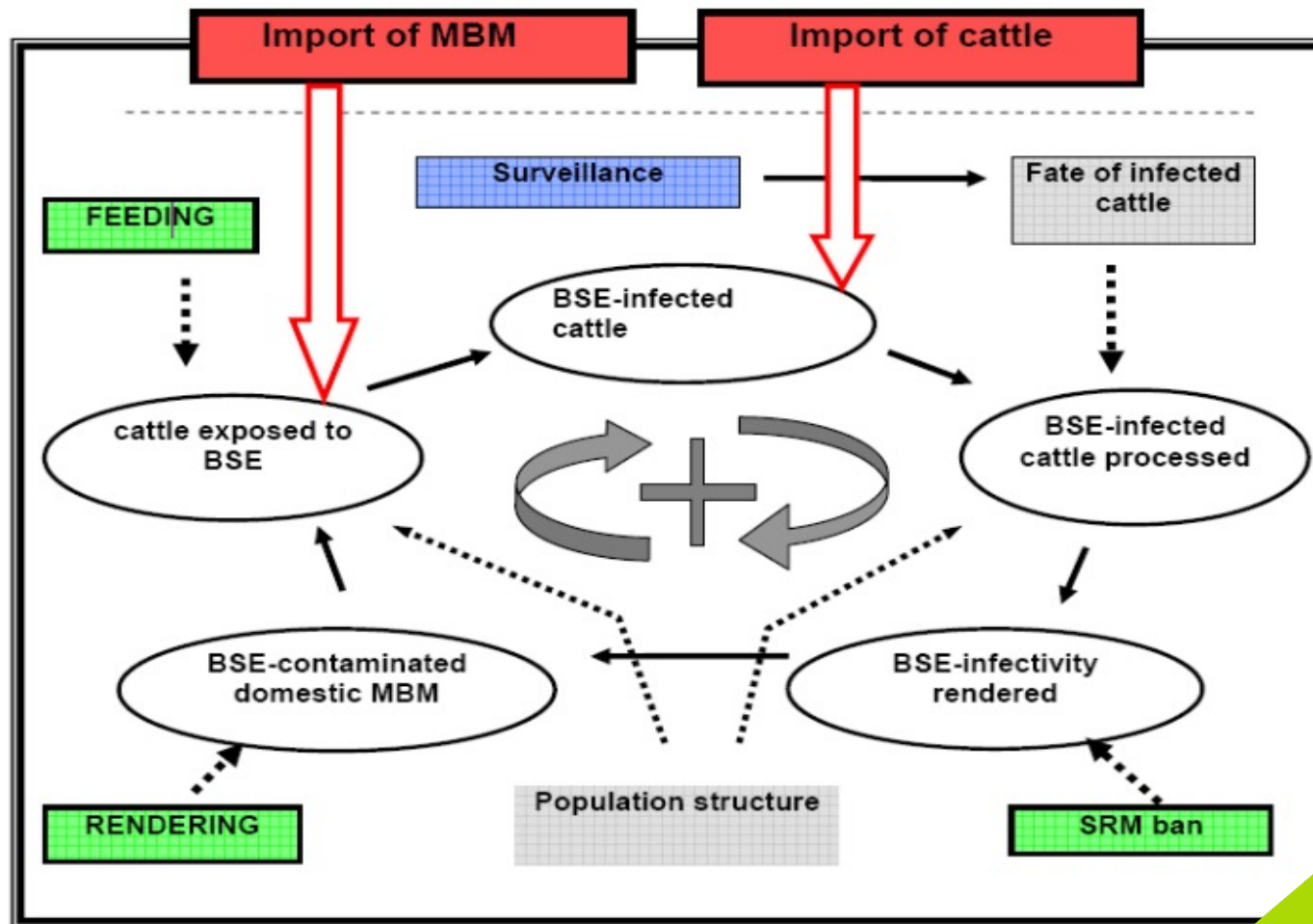
History of TSE measures

**Feedban, a key TSE
measure**

Main TSE legislation prior to Regulation (EC) 999/2001

Year	Legislation
1988	Initial feed ban introduced in the UK
1989	EU legislation banning the export of certain types of cattle from the UK
1990	BSE made a notifiable disease in the EU
	Modifications to the ban on the export of cattle from the UK
1994	EU feedban (mammalian protein to ruminants)
1996	Total prohibition on animal and animal products from the UK to the EU.
	Method 1 rendering required for high-risk material in EU
1997	EU SRM controls

Cycle of infection for BSE



The 2 main TSE prevention measures

Feed ban is the main measure in place for the protection of **animal health**

SRM controls are the main measure in place for the protection of **public health**

Feed ban

The **feed ban** is the main TSE preventive measure for the protection of animal health

Legal base: Regulation 999/2001 Article 7 & annex IV

Two things to regulate:

- What feed material is banned for which species?
- Prevention of cross contamination

For both goals, the analytic possibilities lead the way

Recent amendments of Regulation (EC) N°999/2001 with respect to feed ban

Commission Regulation (EU) No 56/2013

- PAP from non-ruminant animals and feedingstuffs containing such PAP were reauthorised for feeding aquaculture. **“The test case” -> need for the ruminant test -> ruminant PCR**

Commission Regulation (EU) No 2016/27

- Under certain conditions allows export of non-ruminant PAP without prior agreement with Third countries. **“End of extra-terrestrial requirements”**

Commission Regulation (EU) No 2017/893

- Authorises the feeding of farmed insect PAP to aquaculture animals. **Need for an insect test -> insect microscopy**
- Defines rules for export of ruminant PAPs and allows export of petfood containing ruminant PAP

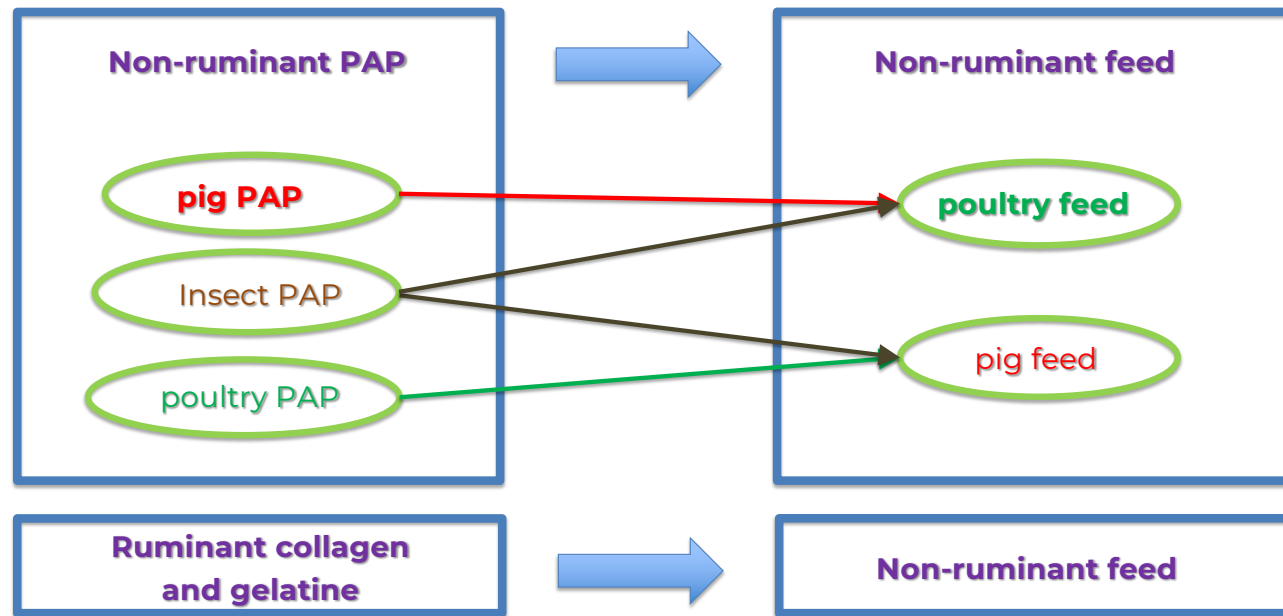
Commission Regulation (EU) No 2019/1091

- Authorises export of organic fertilisers or soil improvers containing ruminant PAP

FEED BAN – Most recent changes

COMMISSION REGULATION (EU) 2021/1372 OF 17 AUGUST 2021;

After + 10 years the analytical methods (PCR pig & PCR Poultry) allow the steps foreseen in 2010 (see <https://data.consilium.europa.eu/doc/document/ST-13889-2010-ADD-1-REV-1/en/pdf>)



Summary of feed ban rules laid down in the TSE regulation 999/2001 annex IV (applicable as from 7 September 2021)

	Farmed animals other than fur animals					Pet and fur animals
	Ruminants	Porcine animals	Poultry	Other non-ruminants	Aquaculture animals & fishing bait*	
Ruminant Processed Animal Proteins (PAP), incl. blood meal						
PAP from porcine animals incl. blood meal						
PAP from poultry incl. blood meal						
PAP from farmed insects						
Fishmeal (PAP) (includes blood meal of aquatic animals)	In milk replacers for unweaned ruminants only				No fishmeal of farmed species X to same species X	
Other non-ruminant PAP						
Blood products from non-ruminants						
Blood products from ruminants						
Hydrolysed proteins from non-ruminants and/or ruminants hides and skins						
Hydrolysed proteins other than those only derived from non-ruminants and/or ruminants hides and skins						
Gelatin and collagen from ruminants						
Gelatin and collagen from non-ruminants						
Di and tricalcium phosphate of animal origin						
Egg, egg products, milk, milk products & colostrum						
Animal proteins other than the above mentioned ones						

 Not authorised

 Authorised

 Authorised for certain types of animals

*fishing bait is considered to fall under the category of feed for aquaculture, since one cannot guarantee that the fishing bait is only used for wild aquatic animals and not for kept aquatic animals

Prevention of cross-contamination

- Cross-contamination can occur at any point along the production chain
- Rules to prevent cross-contamination set out in Annex IV of Regulation 999/2001



Rendering



Compound feed

Some advice for future changes

**After working 20 years with
the feedban (and ABP)
regulations**





Some ideas for future legislative work

“BSE was 20 years ago”

- Back to the core
- Keep what works/is needed, leave what doesn't
- Controllability and simpler rules are key to keep the public, political and administrative “goodwill”

New “building plan” needed

- No more product-by-product rules
- “Incompatibilities” logic approach/basic bans
- Keep developing analyses that help detecting authorized and non-authorized products (e.g. milk, eggs)
- Cleaning regimes?

Incompatibilities

Transport of →	bulk fishmeal & feed containing incl. Milk replacers for unweaned ruminants	bulk PAP pig & feed containing	bulk poultry PAP & feed containing	bulk farmed insect PAP & feed containing	other bulk non ruminant PAP & feed containing	Bulk di-/tricalcium phosphate of animal origin & feed containing these feed materials	bulk blood products derived from non-ruminants & feed containing these feed materials	bulk ruminant feed materials (excl. Milk, di-tricalcium phosphate, hydrolyzed proteins and rendered fat) & feed containing these feed materials
feed for ruminants	chapter III, section A, 1, (a) & (d) or chapter IV, section E, (g)	chapter III, section A, 1, (a) & (d)	chapter III, section A, 1, (a) & (d)	chapter III, section A, 1, (a) & (d)	chapter III, section A, 1, (a) & (d)	chapter III, section A, 1, (b) & (d)	chapter III, section A, 1, (c) & (d)	chapter V, section B
feed for porcines		chapter III, section A, 4			chapter III, section A, 10			chapter V, section B
feed for poultry			chapter III, section A, 6		chapter III, section A, 10			chapter V, section B
feed for aquaculture (and fishing bait)								chapter V, section B
feed for non ruminants other than aquaculture, poultry & porcines		chapter III, section A, 4	chapter III, section A, 6	chapter III, section A, 8	chapter III, section A, 10			chapter V, section B
feed for fur animals								
feed for pet animals								
Storage of →	bulk fishmeal & feed containing incl. Milk replacers for unweaned ruminants	bulk PAP pig & feed containing	bulk poultry PAP & feed containing	bulk farmed insect PAP & feed containing	other bulk non ruminant PAP & feed containing	Bulk di-/tricalcium phosphate of animal origin & feed containing these feed materials	bulk blood products derived from non-ruminants & feed containing these feed materials	bulk ruminant feed materials (excl. Milk, di-tricalcium phosphate, hydrolyzed proteins and rendered fat) & feed containing these feed materials
feed for ruminants	chapter III, section A, 1, (a) & (d) or chapter IV, section E, (g)	chapter III, section A, 1, (a) & (d)	chapter III, section A, 1, (a) & (d)	chapter III, section A, 1, (a) & (d)	chapter III, section A, 1, (a) & (d)	chapter III, section A, 1, (b) & (d)	chapter III, section A, 1, (c) & (d)	chapter V, section B
feed for porcines		chapter III, section A, 4			chapter III, section A, 10			chapter V, section B
feed for poultry			chapter III, section A, 6		chapter III, section A, 10			chapter V, section B
feed for aquaculture (and fishing bait)								chapter V, section B
feed for non ruminants other than aquaculture, poultry & porcines		chapter III, section A, 4	chapter III, section A, 6	chapter III, section A, 8	chapter III, section A, 10			chapter V, section B
feed for fur animals								
feed for pet animals								
Production Compound feed with →	fishmeal or in milk replacers for unweaned ruminants	PAP pig	poultry PAP	farmed insect PAP	other non ruminants PAP for aquaculture, pets or fur animals feed	di-/tricalcium phosphate of animal origin for non ruminants	blood products derived from non ruminants for non ruminants	ruminant feed materials (excl. Milk, di-tricalcium phosphate, hydrolyzed proteins and rendered fat) for pets & fur animals
	chapter III, section B, 1, (a) or chapter IV, section E, (g)	chapter III, section B, 1, (e)	chapter III, section B, 1, (f)	chapter III, section B, 1, (d)	chapter IV, section D, (d)			
feed for ruminants	chapter V, section C, 2	chapter V, section C, 2	chapter V, section C, 2	chapter V, section C, 2	chapter V, section C, 2	chapter III, section B, 1, (b)	chapter III, section B, 1, (c)	chapter V, section C, 1
feed for porcines		chapter IV, section G, (d) chapter V, section C, 2			chapter IV, section D, (d) chapter V, section C, 2			chapter V, section C, 1
feed for poultry			chapter IV, section H, (d) chapter V, section C, 2		chapter IV, section D, (d) chapter V, section C, 2			chapter V, section C, 1
feed for aquaculture (and fishing bait)								chapter V, section C, 1
feed for non ruminants other than aquaculture, poultry & porcines		chapter IV, section G, (d) chapter V, section C, 2	chapter IV, section H, (d) chapter V, section C, 2	chapter IV, section F, (b) chapter V, section C, 2	chapter IV, section D, (d) chapter V, section C, 2			chapter V, section C, 1
feed for fur animals								
feed for pet animals								

	authorized & no danger for cross contamination
	authorized but danger for not authorized cross contamination
	ban without derogation
	ban with possible derogation using a documented cleaning procedure which has been given prior authorisation by the competent authority
	ban with possible derogation using physically separate facilities
	ban with derogation using a documented procedure which has been given prior authorisation by the competent authority + authorisation based on verification of compliance
text	reference to text in annex IV of REG 999/2001 where the ban is imposed (i.e. not the occasional derogation)

Incompatibilities

	authorized & no danger for cross contamination
	authorized but danger for not authorized cross contamination
	ban without derogation
	ban with possible derogation using a documented cleaning procedure which has been given prior authorisation by the competent authority
	ban with possible derogation using physically separate facilities
	ban with derogation using a documented procedure which has been given prior authorisation by the competent authority + authorisation based on verification of compliance
text	reference to text in annex IV of REG 999/2001 where the ban is imposed (i.e. not the occasional derogation)

The TSE story



Success story

- 1 comprehensive legislation (together with ABP rules) succeeded in reducing the prevalence the TSE drastically
- Was no easy task dealing with an “unknown”, revolutionary and scary causing agent.
- General plan of first complete ban and relaxation when needed and possible worked brilliantly



Next steps

- Training and implementation
- Constant advocacy to maintain TSE and feedban rules
- But lean and logic



Federal Agency
for the Safety of the Food Chain

Thanks for your attention

TOGETHER TOWARDS
A SAFER FOOD CHAIN



.be