



Federal Agency
for the Security
of the Food Chain

SPECIFIC MEASURES TAKEN IN BELGIUM WITH RESPECT TO DIOXINS IN FEED.

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- As a consequence of the dioxin crisis in Belgium in 1999, several national measures were taken in order to control this risk (RD 18 November 1999).
- Those measures were amended, following to the dioxin incident that broke out in Belgium in 2006 (RD of 1 July 2008).



1) Ban on recycled frying oils :

- Ban of the recycled frying oils
 - In Belgium by RD of 08/02/1999 (vegetable oils)
 - In Europe by Regulation 1774/2002 (animal by-products)



2.1) Critical feed : definition

- Critical raw materials :
 - animal fats
 - fish meals, fish solubles and fish oils
- Critical additives
 - E559 kaolinite,
 - E561 vermiculite,
 - E566 natrolite-phonolite,
 - E568 clinoptinolite,
 - E598 calcium aluminates



2.2) Critical feed : systematic analysis

- Each operator who puts a critical feed on the Belgian market have to :
 - be authorized
 - carry out an analysis of dioxin and PCB like dioxin of each consignment
 - 3 x 500g for each consignment
 - Lot max 200 tons (critical raw material)
 - Sampling by an accredited body (ISO17020 or ISO17025)
 - Analysis performed by an approved or accredited laboratory



2.3) Critical feed : check sample

- Each operator who uses critical feed shall keep:
 - a 500 g sample, representative of each batch, during at least 6 months for critical feed
 - until the limit of consumption (at least 3 months) for compound feed
- Regulation 183/2005 later enforced to keep a check sample of any ingredient and compound feed produced, but without specifying the size and period.
- A compound feedingstuffs producer may not possess batches of critical feed without an analysis report
 - Exception for import product



3) Impact of the measure :

- Calux analysis (Dioxin and dioxin-like PCBs) :
 - price : 260 € (emergency price x 1.5)
 - duration : 5 days (in case of emergency : 2 to 4 days)
- GCMS analysis (dioxin and dioxin-like PCBs):
 - price : 437 to 463.5 €, (emergency price 550 € to 660 €)
 - duration : 5 days (in case of emergency : 2 to 5 days)
- 200 tons batch fat → 1.3 €/ton fat (0.19 % of the fat value)
- Compound feedingstuff : 1 to 7% incorporation → 0.013 at 0.091 €/ton feed



4) Traceability (in addition to European requirements) :

- Specific registers are required for operators who put critical feed on the Belgian market ; in those registers the storage places of bulk products are mentioned.
- In Belgium the sales register of compound feedingstuffs shall mention the herd number of the buyer.



5) Notification by laboratories

- Belgium enforces as a general rule the compulsory notification by laboratories and not only by the operator.



6.1) FASFC official controls 2010 in feed (not definitive numbers)

Number of analyses	Coumpound feeding stuffs	Additives	Raw materials	Premixes	Total
<i>PCB</i>	500	32	190	127	849
<i>Dioxin-like PCBs</i>	37	32	81	18	168
<i>Dioxin</i>	456	159	443	118	1176



6.2) Sectorial sampling plan 2010 (feed)

Number of analyses	Coumpound feeding stuffs	Additives	Raw materials	Premixes	Total
<i>PCB</i>	0	18	59	22	99
<i>Dioxin +Dioxin-like PCBs</i>	0	58	96	22	176



Question?

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