



BLUETONGUE

Surveillance Luxembourg



SCOFCAH 11.-12. January 2012

Die natürlich
lange Mück





Overview

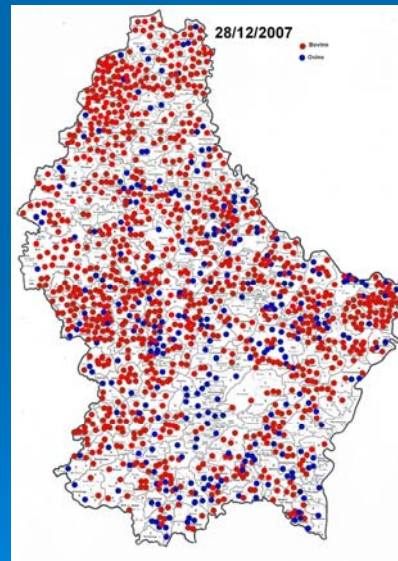
- Outbreaks
- Surveillance
- Vaccination
- Conclusions



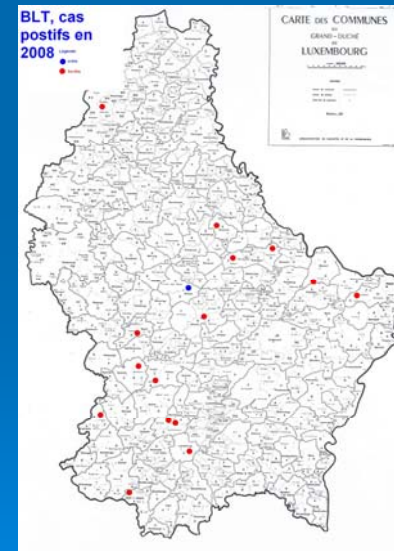
BTV 8 outbreaks

2006	2007	2008	2009	2010	2011
13	1197	21	0	0	0

Farm animal population:
Cattle total: 200.000
Sheep/Goat :10.000



2007



2008



Surveillance 2010

Luxembourg considered as one single grid

Serological surveillance

- 10 animals in 25 bovine farms distributed all over the country were sampled
- Non vaccinated animals of 6 months to 1 year age having been on pasture
- 246 samples analysed
 - 220 negative (90%) (in two farms vaccinated animals were sampled)



Surveillance 2010

Luxembourg considered as one single grid

Virological surveillance (PCR)

- 250 bovine animals aged between 6 months and 2 years sampled in slaughterhouse
- Suspicions and serological positive animals
 - Total in 2010: 337 all negative



Surveillance 2011

Luxembourg considered as one single grid

Serological surveillance (1.10-31.12)

- 10 animals in 30 bovine farms distributed all over the country were sampled
- Non vaccinated animals of 6 months to 2 years age having been on pasture
 - 294 samples analysed
 - 287 negative (98%) all negative in PCR
- In 2011 in total : 364 samples analysed
 - 348 negative (96%) all negative in PCR



Surveillance 2011

Luxembourg considered as one single grid

- *Virological surveillance (PCR)*
 - Suspicions and serological positive animals
 - Total : 82 all negative



Vaccination BTV 8

- Mandatory vaccination in 2008 and 2009 of cattle and small ruminants
 - Performed by farm veterinarians
 - Registered on central level (2008)
- Voluntary vaccination in 2010 and 2011



Conclusions

No clinical case of BT since 3 years

No virus confirmation BT since 3 years

No circulation of BT virus for 2 consecutive years

Conditions for Free Status are fulfilled



Thank you for attention