



Federal Agency for the Safety of the Food Chain

# Bluetongue in Belgium: Epidemiological situation

SCOFGAH Brussels, 6 December 2011



# Outline

- **Outbreaks (2006 – 2011)**
- **Vaccination BTV8**
- **Entomological surveillance**
- **Surveillance 2011**



# Outbreaks (2006 – 2011)

2006	2007	2008	2009	2010	2011
695	6870	48 (including 25 imported animals)	0	0	0

- No clinical case in Belgium since 36 months
- No outbreaks in adjacent Member States since the beginning of 2010



# Vaccination BTV8

- Mandatory vaccination of cattle and sheep and voluntary vaccination of veal calves, goats and cervids in 2008-2009-2010.
- Vaccination by farm veterinarian.
- Registration of vaccinations in central database.
- Since January 2011: voluntary vaccination.



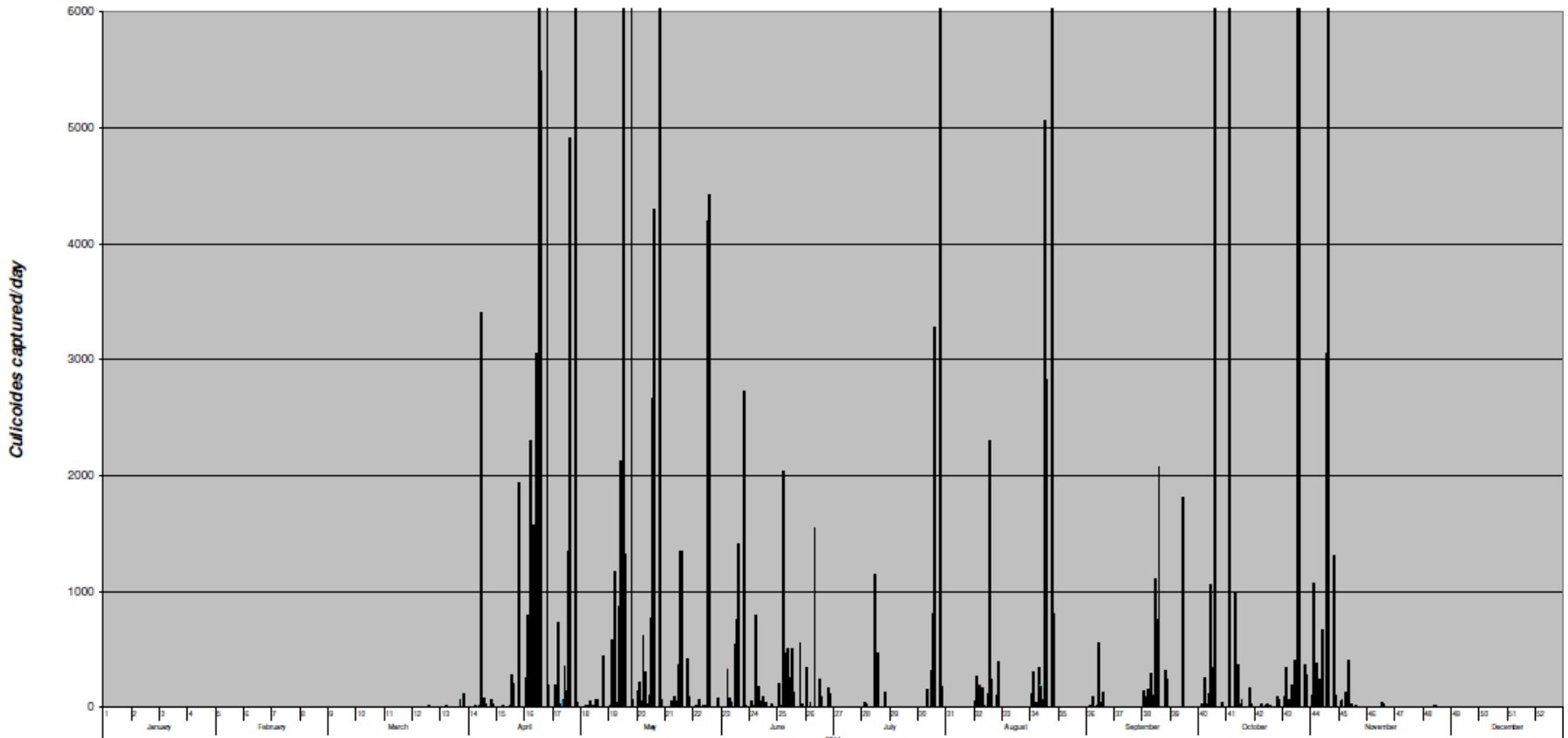
# Entomological surveillance 2011

- 20 traps
- End of vector free season in 2011 : 8 April 2011



# Entomological surveillance 2011

Trapped *Culicoides* January - November 2011 (week 48)



# Winterscreening 2011

- 1.030 bovine farms sampled (blood+serum) in January 2011-March 2011.
- Stratified for age (10 animals 6-12 month, 10 animals 12-24 month).
- 16.616 Ab ELISA: 10.823 positive (65%).
- 2.150 RT-PCR (non vaccinated young animals in sentinel herds): 22 false positive (1,02 %).
- All animals with a positive RT-PCR result were resampled and retested. **All results were negative.**

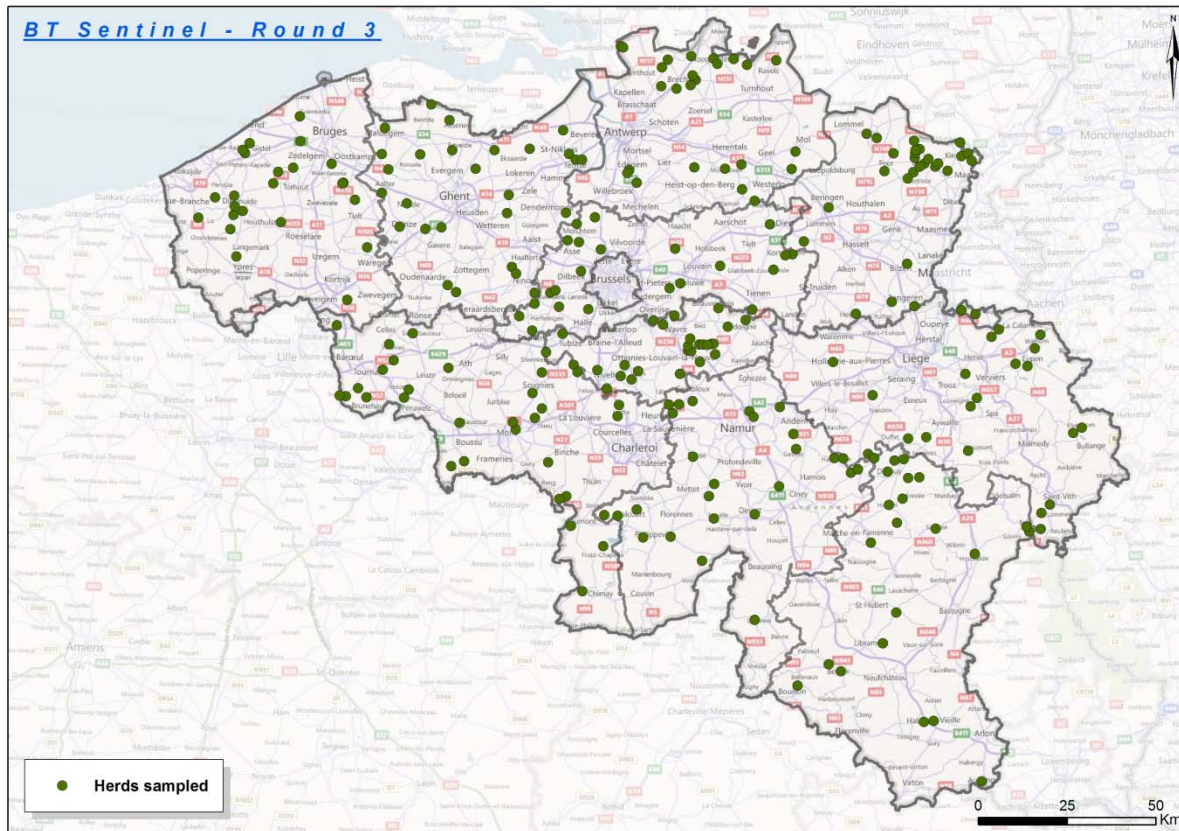


# Screening sentinels October 2011

- 250 bovine farms sampled (blood+serum) in October 2011
- 2 to 17 non vaccinated young animals sampled per herd
- 3.274 Ab ELISA: 81 positive (2.61%).
- 3.213 RT-PCR: all negative



# Screening sentinels October 2011



Source : AFSCA, ARSIA, DGZ, Cerva, BingMaps



# Suspicious in 2011

- 4.439 animals were tested (mostly abortions).

**All were negative in RT-PCR.**



# Conclusions

- No circulation of BT virus for 2 consecutive years
- Conditions for Free Status are fulfilled



# Website

[www.favv.be](http://www.favv.be)

[www.afsca.be](http://www.afsca.be)

Thank you for your attention

