



Federal Agency  
for the Safety  
of the Foodchain

# BLUETONGUE

## Belgium

SCOFCAH Brussels, 07-08 September 2010



# Outline

- **Vaccination BTV8**
- **Entomological surveillance**
- **Winterscreening 2009-2010**
- **Surveillance 2010**



# Vaccination BTV8

- Mandatory vaccination of cattle and sheep in 2008-2009-2010
- Voluntary vaccination of veal calves, goats and cervids
- Vaccination by farm veterinarian
- Registration of vaccinations in central database



# Vaccination BTV8 - 2009

## Mandatory vaccination of cattle and sheep

	Cattle	Sheep	Goat	Total
Vaccinated animals	2.333.980	222.295	3.675	2.559.950
Vaccine doses	2.934.277	222.295	3.675	3.160.247
Population	2.670.292	209.322	51.406	2.931.020
% animals vaccinated	87,4	106,2	7,1	87,3



# Vaccination BTV8 - 2010

## Mandatory vaccination of cattle and sheep

3/09/2010	Cattle	Sheep	Goat	Total
Vaccinated animals	1.057.601	119.694	632	1.177.927
Vaccine doses	1.192.179	119.862	632	1.312.673
Population	2.670.292	209.322	51.406	2.931.020
% animals vaccinated	39,6	57,2	1,2	40,2



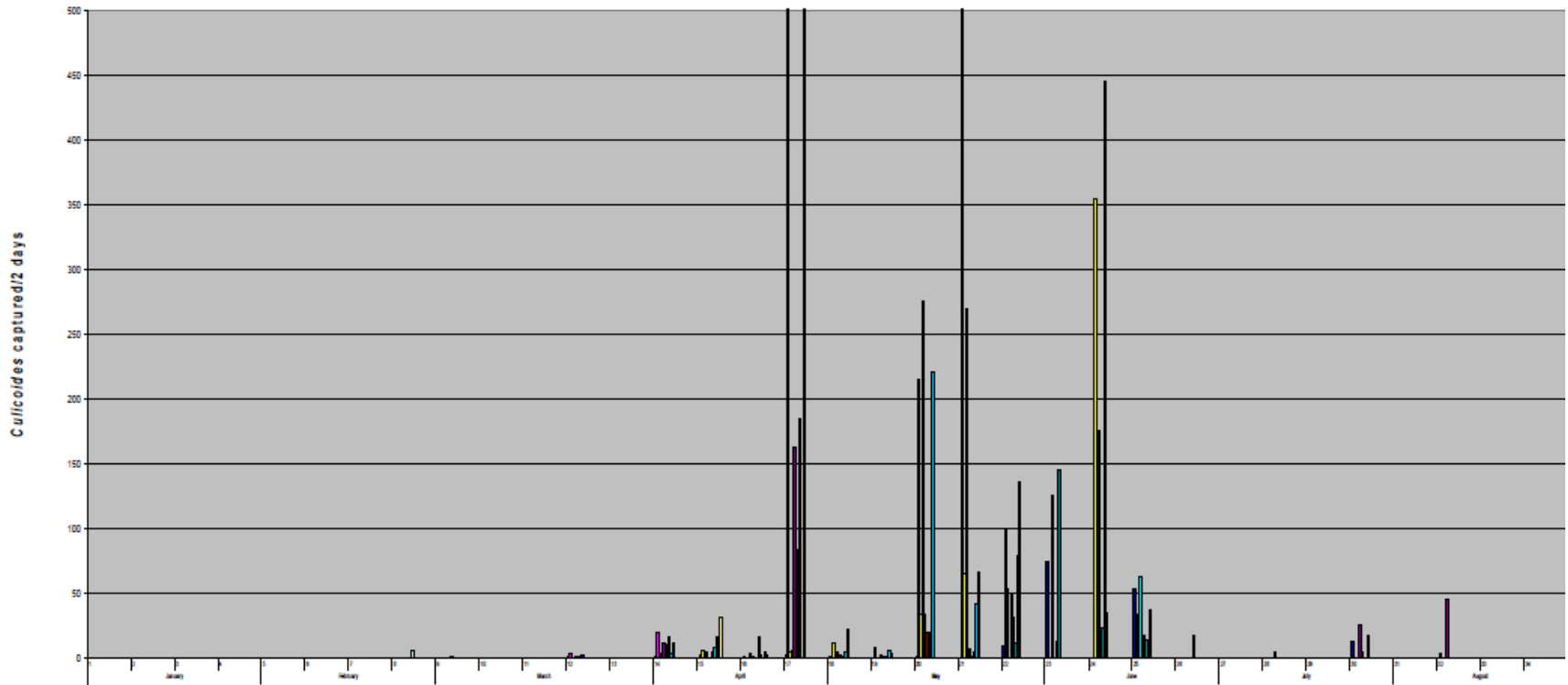
# Entomological surveillance 2010

- 20 traps
- End of vector free season: 3 May 2010



# Entomological surveillance 2010

Trapped *Culicoides* January - August 2010 (week 34)



# Winterscreening 2009-2010

- 916 bovine farms sampled (blood+serum) in December 2009-February 2010
- Stratified for age (10 animals 6-12 month, 10 animals 12-24 month)
- 11.695 Ab ELISA: 8.012 positive (69%)
- 8.574 RT-PCR: 115 (false) positive (1,34 %)
- All animals with a positive RT-PCR result were resampled and retested. All results were negative
- Conclusion: no or a very low level of viruscirculation in 2009



# Surveillance 2010

- Clinical suspicions
- Abortions
- Cross sectional studies
- Risk based surveillance (animals introduced from regions with other serotypes)
  
- No positives in the BT season 2010



# Website

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

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

Thank you for your attention

