



Ministry of Economic Affairs,
Agriculture and Innovation



Results Bluetongue monitoring 2011



The Netherlands

Scofcah, January 2011
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July 2011

- Presentation showing that all compartments in the Netherlands:
 - for 2009 were free from BTV circulation at the threshold prevalence of 10% with 95% confidence
 - for 2010 were free from BTV circulation at the threshold prevalence of 2% with 95% confidence
- The Netherlands were ready to request the free status for bluetongue

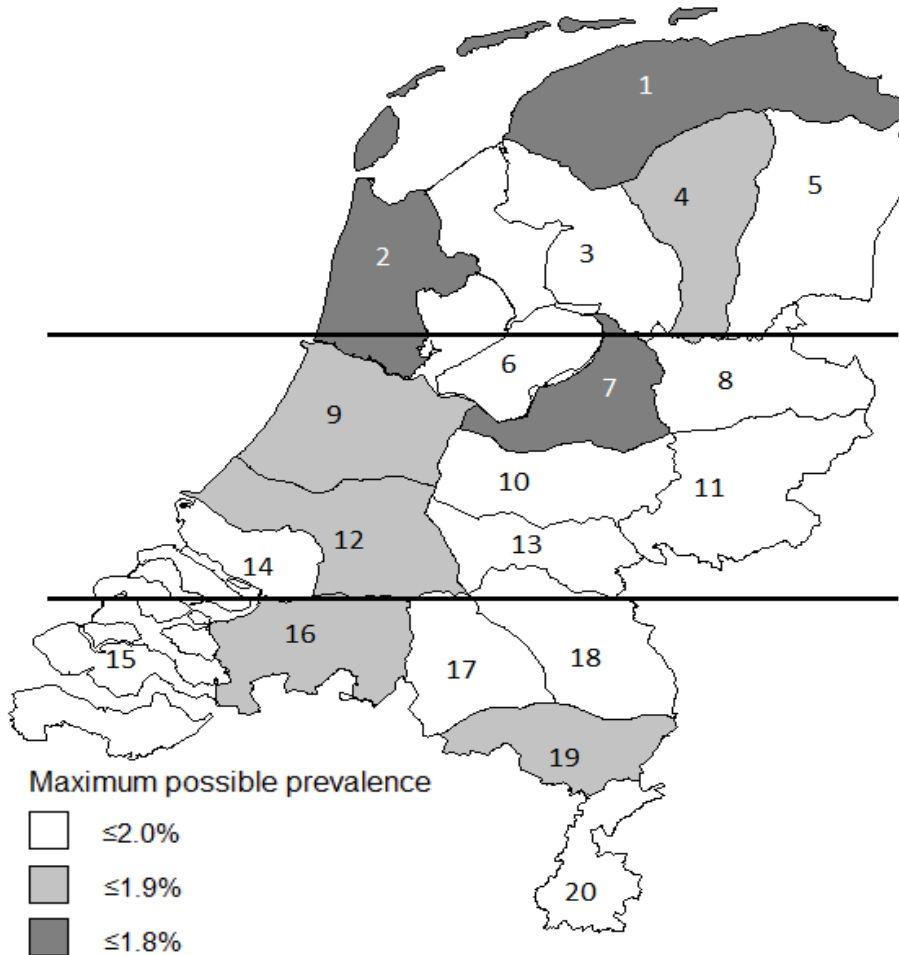


Monitoring 2011

- Same approach
- 21 Compartments (comp. 1 divided in 2 subcompartments)
- In total 3,240 heifers tested, 150 – 182 heifers per compartment
- Non-vaccinated born between January 1, 2010 and March 1, 2011
- Sampled between October 27th and December 12th, 2011
- Tested on antibodies with serum-ELISA test - all confirmed negative
- Confirmed max. prevalence below 2% with 95% confidence



Comp	N negative samples	max. possible prev
1*	302	1,0%
2	164	1.8%
3	152	2.0%
4	153	1.9%
5	151	2.0%
6	152	2.0%
7	181	1.6%
8	150	2.0%
9	158	1.9%
10	151	2.0%
11	150	2.0%
12	155	1.9%
13	150	2.0%
14	152	2.0%
15	152	2.0%
16	156	1.9%
17	152	2.0%
18	151	2.0%
19	157	1.9%
20	151	2.0%





Regular tests

- For export purposes: 44,000, by PCR
 - Due to notifications: 39 animals
- Also all negative!





Conclusion

- No BTV-circulation in the Netherlands in 2009, 2010 and 2011
- Can be extrapolated to any BTV-serotype, since fully susceptible cattle were tested and applied diagnostic tests detect all serotypes

