

Bluetongue – update on the situation in the Federal Republic of Germany

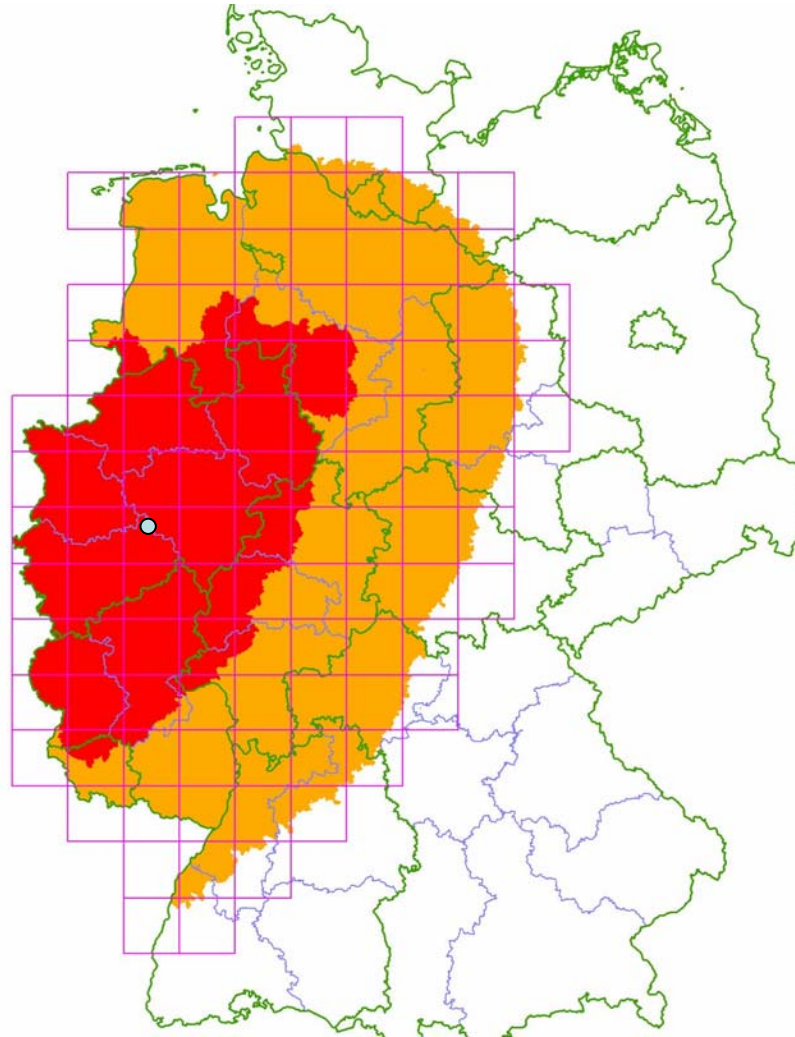
SCoFCAH Brussels 5-6 July 2007



results of sentinel testing April 2007

Land	serologically		PCR	
	positive	negative	positive	negative
Hesse	0	945	0	0
North Rhine Westfalia	0	2.482	0	0
Rhineland- Palatinate	0	932	0	0
Saarland	0	150	0	0
Total	0	4.509	0	0

new BT-case of 6-6-07 (Oberbergischer Kreis)



(grits:

45 x 45 km/2.025 qkm

examination of 10-15
establishments per grid/
10-15 cattle per
establishment)

BT-case in North Rhine Westfalia – further information

- 10 sentinel animals from the herd tested negative on 2 April 2007
- 3 May 2007 one animals seropositive
- additional sample of 21 May from the same animal positive (NRL)
- no success to isolate BT-virus in the NRL
- inoculation of bovines with samples gave positive results in rt PCR-testing of these animals on day 4 p.i. (additionally seroconversion stated)
- positive animal was culled and used for further diagnostics
- 25 May samples of all 81 bovines in the holding were taken, 38 of which tested serologically positive (only the one animal positive in PCR)
- within a 20 km circle testing of 19 cattle holdings (negative)

Entomological monitoring – results (April 2007)

Federal land	Culicoides Total	C. obsoletus Σ	C. pulicaris Σ	others Σ
BB (1 trap)	0	0	0	0
BW (5 traps)	118	72	7	0
BY (4 traps)	72	72	0	0
HB (1 trap)	0	0	0	0
HE (10 traps)	1094	1084	10	0
HH (1 trap)	30	30	0	0
MV (1 trap)	3	2	0	1
NI (24 traps)	314	277	21	16
NW (18 traps)	824	684	140	0
RP (10 traps)	904	888	16	0
SH (2 traps)	1	1	0	0
SL (2 traps)	13	10	3	0
ST (5 traps)	19	19	0	0
TH (5 traps)	42	41	1	0
Total	3349	3180 (94,9 %)	198 (5,9 %)	17 (0,5 %)

Entomological monitoring – results (Mai 2007-prelim.)

Federal land	Culicoides Total	C. obsoletus Σ	C. pulicaris Σ	others Σ
BB (1 trap)	375	26	91	18
BW (5 traps)	2624	2077	511	36
BY (4 traps)	1663	1401	227	35
HB (1 trap)				
HE (10 traps)	25287	23056	1731	500
HH (1 trap)				
MV (1 trap)	234	162	30	42
NI (24 traps)	13348	11825	735	788
NW (18 traps)	17336	11093	1703	4540
RP (10 traps)				
SH (2 traps)				
SL (2 traps)				
ST (5 traps)	5461	3779	1410	272
TH (5 traps)				
Total	64.665	53.659 (82,9 %)	6.438 (9,9 %)	6.231 (9,6 %)

- Thank you.

