Highly pathogenic Avian Influenza of subtype H5N8 in poultry in Germany

SCoPAFF – 13 November 2014
05.11.2014:
Outbreak of HPAI H5N8 in a turkey fattening farm in Heinrichswalde, Landkreis Vorpommern-Greifswald, Mecklenburg-Western Pomerania
Outbreak holding:
Fattening turkeys in 6 houses
since 21.07.2014 and 29.09.2014
in total: 31,000 turkeys

Suspicion on 04.11.2014 (priv. lab.)

Confirmation on 05.11.2014 (FLI: HPAI H5N8)

Culling completed on 06.11.2014
(CO₂, electricity)

Cleaning and disinfection completed on 10.11.2014

Samples:
57/102 pos. for H5
HPAI H5N8 – *poultry* – 05.11.2014, commune Heinrichswalde, Landkreis Vorpommern-Greifswald (Mecklenburg-Western Pomerania)

**Protection zone:**
82 holdings with 1.391 poultry

Culling of 48 poultry holdings (591 poultry) within the 3-km-radius completed on 06.11.2014 (all samples neg.)

34 remaining holdings (800 poultry) were checked clinically (neg.) and virologically (results pending)

**Surveillance zone (MV and BB):**
599 holdings with 177.542 poultry as of 11.11.2014 all results neg.
Mandatory housing of all poultry within a radius of 50 km in Mecklenburg-Western Pomerania and Brandenburg

11,720 holdings

2,651,263 poultry
Epidemiology, \textit{tracing back}:

First occurrence of H5N8 in Europe

Purchase of turkey chickens from a hatchery on 21.07.2014 and 29.09.2014

No dead wild birds at the lake nearby, for the time being all samples from wild birds neg.

\textbf{Source of infection}: still unknown, investigations ongoing
Epidemiology, *tracing on*:

No poultry or poultry products have been moved from the affected holding to other Länder, Member States or Third countries.

Private veterinarian (veterinary stock supervision): Two turkey carcasses have been sent to the Berlin University on 04.11.2014 for investigation purposes and found H5-pos.; 88 poultry of the University have been precautionary culled, all samples tested with negative results.

Contacts of the private veterinarian:

- other poultry holdings in Mecklenburg-Western Pomerania, Brandenburg, Saxony-Anhalt, Lower Saxony are under investigation
- poultry holdings in Poland; communication to the Polish vet service
Thank you for your attention!