Low pathogenic Avian Influenza H7N7 in poultry in Germany

SCOFCAH - 14 June 2013
LPAI - cases in Lower Saxony:

**Landkreis Osnabrück (OS)(lifted), Landkreise Emsland (EL) and Vechta (VEC)**

<table>
<thead>
<tr>
<th>Case</th>
<th>Subtype</th>
<th>confirmed - lifted</th>
<th>animals affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS-Badbergen (Wehdel)</td>
<td>LPAI H7N7 (FLI)</td>
<td>18.04.2013 - 13.05.2013</td>
<td>7,677 turkeys</td>
</tr>
<tr>
<td>OS-Menslage (Hahlen)</td>
<td>LPAI H7N7 (FLI)</td>
<td>18.04.2013 - 13.05.2013</td>
<td>16,135 Turkeys</td>
</tr>
<tr>
<td>OS-Badbergen</td>
<td>LPAI H7 (regional lab)</td>
<td>24.04.2013 - 21.05.2013</td>
<td>19,150 turkeys</td>
</tr>
<tr>
<td>EL-Herzlake</td>
<td>LPAI H7N7 (FLI)</td>
<td>01.05.2013 - foreseen end of June</td>
<td>34,500 laying hens free ranged</td>
</tr>
<tr>
<td>VEC</td>
<td>LPAI H7N7 (FLI)</td>
<td>15.05.2013 - foreseen mid June</td>
<td>11,816 turkeys</td>
</tr>
<tr>
<td>EL-Herzlake</td>
<td>LPAI H7N7 (FLI)</td>
<td>24.05.2013 - foreseen end of June</td>
<td>13,406 laying hens kept inside</td>
</tr>
</tbody>
</table>
LPAI - cases in Lower Saxony: measures, restricted areas, epidemiological investigations

All cases:
• Company´s own control: mild clinical symptoms and positive PCR-results.
• All poultry culled (CO₂, electricity) and safely disposed of.
• Cleansing and disinfection of affected holdings finished.
• For all holdings in restricted areas (each 1.000 m around affected holdings): no clinical signs and all negative PCR-results.

• No trade of poultry to and from the affected holdings to other Laender, Member States or Third Countries.
• All contact holdings (linked by staff): no clinical signs and negative PCR-results.
Preliminary conclusions:  
• No epidemiological link between OS-cases and EL-cases.  
• Epidemiological link between cases in EL:  
  Case EL (24.05.) is a holding in the restricted zone of case EL-01.05; previous investigation (30.04.) with negative results (clinical, serological, PCR).  
• Case VEC (15.05.): staff contact case of OS-Badbergen-18.04; previous investigation (18.04.) with negative results (clinical, serological, PCR).  
• FLI: preliminary analysis of genome sequences of H7-strains:  
  - no link to previous outbreaks in DE (2011, NRW) and NL (2011);  
  - outbreaks in DE (2013): sequence comparisons awaited;  
• Source of infection: unknown; further investigations necessary.

Thank you for your attention!