Equine infectious anemia (EIA) in Germany

Standing Committee for Plants, Animals, Food and Feed
13 July 2017
### Outbreaks (as of 12.07.2017)

<table>
<thead>
<tr>
<th>Land</th>
<th>Outbreaks / polo horses affected / remaining horses</th>
<th>Confirmation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower Saxony</td>
<td>1 / 1 / 14</td>
<td>07.06.</td>
</tr>
<tr>
<td></td>
<td>1 / 1 / 17</td>
<td>23.06.</td>
</tr>
<tr>
<td>Hamburg</td>
<td>2 / 2 / 15 (2 +13)</td>
<td>28.06.</td>
</tr>
<tr>
<td></td>
<td>1 / 1 / 17</td>
<td>29.06.</td>
</tr>
<tr>
<td>Northrhine Westphalia</td>
<td>1 / 3 / 54</td>
<td>20.06.</td>
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<tr>
<td></td>
<td>2 / 2 / 104 (53+51)</td>
<td>07.07.</td>
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<tr>
<td>Bavaria</td>
<td>1 / 3 / 40</td>
<td>28.06.</td>
</tr>
<tr>
<td><strong>in total</strong></td>
<td><strong>9 / 13 / 261</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Legal base for measures:**
Verordnung zum Schutz gegen die Ansteckende Blutarmut der Einhufer
Outbreak details

First outbreak 07.06. – one polo horse intended for export:
- No clinical signs
- 06.06.: suspicion (private lab: EIA antibodies)
- 07.06.: confirmation (National Reference Lab (FLI): ELISA, Coggins)
- Affected horse culled and safely disposed of
- Holding put under restriction (lifting: two investigations with negative results at least three months)
- Prohibition on grazing (only during night and horse treated with insecticides)
- Investigation of the remaining horses (14): all negative EIA-results
- Restricted zone (1 km radius) established: all equines in those holdings investigated with negative EIA-results
- Epidemiological investigation started.

All outbreaks: same characteristics
Epidemiological investigations:

- **Tracing back:**
  four horses have been imported (between 2008 and 2012) by one person; source of infection: Third Country (according to FLI-results on molecular epidemiology)(distribution in Germany: unknown)

- **Tracing on:**
  contact holdings in other Laender (clinical surveillance/ serological sampling of horses of holdings in restricted zones until now: all negative EIA-results)
  contact holdings in Member States (immediate information of the veterinary services), no third countries affected

**Problems of traceability**

- only oral information of keeper/owner available (example: only name of the horse or telephone number of the keeper…), no documents

- Participation of the polo horse(s) on several competitions or for temporary stay („wintering grounds“), also in Member States; horses sold

- Lack of EC-harmonized rules (no register on the horse holding, no notification of competitions)
Further actions

Communications (ongoing) between BMEL/Laender/FLI and German Polo Association (Deutscher Polo Verband e.V.)

German Polo Association:
- around 1,100 polo horses (all EIA-negative)
- EIA-test for all horses which are foreseen on competitions in 2018.

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Thank you for your attention!!!