Follow-up report No.1 (Final report)

Report reference: , Reference OIE : 34213, Report Date : 04/05/2020, Country : Denmark

Report Summary

Name of sender of the report Mr Torben Grubbe
Position Specialist consultant
Address Stationsparken 31-33 Glostrup DK-2600

Date submitted to OIE 04/05/2020

Animal type Terrestrial
Disease Low pathogenic avian influenza (poultry)
Causal Agent Low pathogenic avian influenza virus
Serotype(s) H5N1

Date of report 04/05/2020
Date of start of the event 27/01/2020
Date of confirmation of the event 20/01/2020
Date of last occurrence 01/07/2019

Reason Recurrence of a listed disease

Country or zone the whole country

Number of reported outbreaks submitted= 1, Draft= 0

Outbreak details

Regional Veterinary and Food Administration

West-other report - submitted
Municipality Aalborg
Unit Type Farm
Location Sæderup
Latitude 56.9636
Longitude 9.9899
Start Date 27/01/2020
End Date 04/02/2020

Species Birds
Measuring units Animals
Susceptible 48000
Cases 0
Deaths 0
Killed and disposed of 48000
Slaughtered 0

Affected Population On 29 January 2020, low pathogenic avian influenza H5 has been confirmed in a commercial poultry holding with organic laying hens. The layers were tested in accordance with the Danish surveillance programme for avian influenza in poultry. The holding consists of 48,000 organic egg layers. All susceptible animals at the infected holding were killed and disposed of by rendering. The poultry was killed using carbon dioxide (CO2) and took place on 31 January and 1 February 2020. The killing was performed over two days due to the size of the herd. The cleaning and disinfection was approved by the Danish Veterinary and Food administration on 4 February 2020.

Outbreak summary: Total outbreaks = 1 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>48000</td>
<td>0</td>
<td></td>
<td>48000</td>
<td>0</td>
</tr>
</tbody>
</table>

Epidemiology

Epidemiological comments
The Danish Veterinary and Food Administration has implemented the control measures in accordance with the European Union's Council Directive 2005/94/EC.
A restricted zone of 1 km around the holding was established, which was lifted on 26 February 2020.
No new outbreaks of avian influenza has been detected in Denmark since 29 January 2020.
A self-declaration of the recovery of country freedom from Avian Influenza has been sent to the OIE on 4 May 2020.

Source of the outbreak(s) or origin of infection
• Unknown or inconclusive

Measures applied

Applied
• movement control inside the country
• traceability
• quarantine
• official disposal of carcasses, by-products and waste
• stamping out
• zoning
• disinfection

To be applied
• no planned control measures

Animals treated

Vaccination Prohibited

Diagnostic test results

Laboratory Type Name of Laboratory Species Test Type Date results provided Result
<table>
<thead>
<tr>
<th>Laboratory Type</th>
<th>Name of Laboratory</th>
<th>Species</th>
<th>Test Type</th>
<th>Date results provided</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>National laboratory</td>
<td>Statens Serum Institut</td>
<td>Birds</td>
<td>virus sequencing</td>
<td>29/01/2020</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Statens Serum Institut</td>
<td>Birds</td>
<td>polymerase chain reaction (PCR)</td>
<td>29/01/2020</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

The report and all its outbreaks have been resolved.