Follow-up report No.1 (Final report)


Report Summary

Name of sender of the report
Mr Ri Kyong Gun

Position
Director of the Veterinary and Animal Health Services

Address
Jungsong-Dong, Sungri Street PYONGYANG

Date submitted to OIE
22/05/2013

Animal type
Terrestrial

Date of report
22/05/2013

Disease
Highly pathogenic avian influenza

Date of start of the event
19/04/2013

Causal Agent
Highly pathogenic avian influenza virus

Date of pre-confirmation of the event
02/05/2013

Serotype(s)
H5N1

Diagnosis
Clinical, Laboratory (advanced)

Reason
New strain of a listed disease

Country or zone
the whole country

Number of reported outbreaks
submitted= 1, Draft= 0

Outbreak details

Provinces
PYONGYANG-SI

Number of outbreaks
submitted= 1

District
Rakrang

Sub-district
Farm

Unit Type
Tudan Duck Factory

Location

Latitude
38.978

Longitude
125.675

Start Date
19/04/2013

End Date
09/05/2013

Species
Birds

Susceptible
226000

Cases
166000

Deaths
44000

Destroyed
122000

Slaughtered
0

Affected Population
Ducks in one of the 20 cages showed clinical signs on 19 April 2013 but recovered 3-4 days later. As mortality increased, samples were sent to the Central Veterinary Station on 2 May 2013.

In total, one adult cage, 12 fattening cages and 7 duckling cages were infected. More than 2,000 adult ducks, 42,000 fattening ducks and 120,000 ducklings younger than 20 days were dead or killed.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species
Birds

Susceptible
226000

Cases
166000

Deaths
44000

Destroyed
122000

Slaughtered
0

Epidemiology

Epidemiological comments
All ducks in the infected cages were humanely culled.
Vaccination with an inactivated monovalent vaccine is on-going in all the 12 provinces (500,000 heads).

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

Measures applied

Applied
• control of wildlife reservoirs
• quarantine
• movement control inside the country
• screening
• zoning
• vaccination in response to the outbreak (s)
• disinfection of infected premises/establishment(s)
• modified stamping out

To be applied
• no planned control measures

Animals treated
Vaccination Prohibited

No

Diagnostic test results

Laboratory Type
Name of Laboratory
Species
Test Type
Date Results Provided
Result

Printed on: Wed Oct 30 14:02:52 CET 2013
<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>Veterinary Research Institute of the Academy of Agricultural Sciences</td>
<td>Birds</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>07/05/2013</td>
<td>Positive</td>
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<tr>
<td>National laboratory</td>
<td>Central Veterinary Station</td>
<td>Birds</td>
<td>enzyme-linked immunosorbent assay (ELISA)</td>
<td>05/05/2013</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

The report and all its outbreaks have been resolved.