Follow-up report No.1  (Final report)

Report Summary
Name of sender of the report | Dr Bimal Kumar Nirmal | Telephone | +977 5522056
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| Address | Department of Livestock Services | Email | bknirmal2001@yahoo.com
| Date submitted to OIE | 11/06/2017

Animal type | Terrestrial | Date of report | 11/06/2017
Disease | Highly pathogenic avian influenza | Date of start of the event | 01/03/2017
Causal Agent | Highly pathogenic avian influenza virus | Date of confirmation of the event | 08/03/2017
Serotype(s) | H5N8 | Diagnosis | Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Reason | New strain of a listed disease in the country | Clinical signs | Yes
Country or zone | the whole country | Number of reported outbreaks | submitted= 1, Draft= 0

Outbreak details
<table>
<thead>
<tr>
<th>a zone or compartment</th>
<th>Number of outbreaks</th>
<th>District</th>
<th>Village</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>KOSHI-other report - submitted</td>
<td>-</td>
<td>Sunsari</td>
<td>Santitole,Khanar Farm</td>
<td>Itahari-12</td>
<td>26.635389</td>
<td>87.271422</td>
<td>01/03/2017</td>
<td>10/03/2017</td>
<td></td>
</tr>
</tbody>
</table>

Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered |
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</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>6200</td>
<td>3650</td>
<td>3650</td>
<td>2550</td>
<td>0</td>
</tr>
</tbody>
</table>

Affected Population | 40-weeks and 20-weeks old commercial layers birds reared in a two different sheds.

Outbreak summary: Total outbreaks = 1 (Submitted)
Species | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered |
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Epidemiology
Epidemiological comments
Stamping out followed by cleaning and disinfection, disposal and sealing of infected premises of the last infected farm at Khanar, Sunsari was completed on 10 March 2017. Samples were sent to the OIE Reference Laboratory, Geelong, Australia, for genetic characterization and clade was identified as 2.3.4.4. During the post-operative surveillance in the surveillance zone throughout the outbreak area and also in other risk areas including live bird markets and wild water bird area of the country surveillance was intensified. During the surveillance period a total of 654 samples(267 tracheal swabs,173 cloacal swabs, 14 environmental swabs, 6 dead birds, 32 fresh fecal samples and 162 serum samples) were collected and tested. None of the samples showed further evidence of Highly Pathogenic Avian Influenza (HPAI) for more than 90 days from the last outbreak in Sunsari district of Nepal. Therefore, Nepal declares itself free from HPAI with effect from 10 June 2017. The event is resolved.

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

Measures applied
Applied | To be applied
---|---
• movement control inside the country | • no planned control measures
• screening | |
• quarantine | |
• official disposal of carcasses, by-products and waste | |
• stamping out | |
• disinfection | |
Animals treated | Vaccination Prohibited
No | Yes

Future Reporting
The report and all its outbreaks have been resolved.