**TERRESTRIAL ANIMALS**

**IMMEDIATE NOTIFICATION OR FOLLOW-UP REPORT OF A DISEASE, INFECTION OR OTHER SIGNIFICANT EPIDEMIOLOGICAL EVENT**

**Type of report**  Immediate notification [ ] Follow-up report [✓] Number: 6

1. **03 / 11 / 2005**
   - **Report date (dd/mm/yyyy)**

2. **People's Republic of China**
   - **Country**

3. **Jia Youling**
   - **Name of sender**

4. **Bureau of Veterinary, Ministry of Agriculture, P. R. China**
   - **Address (line 1)**

5. **National Chief Veterinary Officer**
   - **Director General**
   - **Position of sender**
   - **11 Nongzhanguan Nanli, Beijing 100026, P. R. China**
   - **Address (line 2)**

6. **+86-10-64192828**
   - **Telephone**

7. **+86-10-64192840**
   - **Fax**

8. **xmjwzh@agri.gov.cn**
   - **E-mail**

9. **Reason for immediate notification (tick one)**
   - a. First occurrence of a listed disease or infection in a country or zone/compartment
   - b. Re-occurrence of a listed disease or infection in a country, zone/compartment following a report declaring the outbreak(s) ended
   - c. First occurrence of a new strain of a pathogen associated with a listed disease in a country or zone/compartment
   - d. A sudden and unexpected increase in the distribution, incidence, morbidity or mortality of a listed disease prevalent within a country or zone/compartment
   - e. An emerging disease with significant morbidity or mortality, or zoonotic potential
   - f. Evidence of a change in the epidemiology of a listed disease (including host range, pathogenicity, strain, etc.) in particular if there is a zoonotic impact

10. **Highly Pathogenic Avian Influenza**
    - **Disease name, name of pathogen or, for an unknown emerging disease, name of event**

11. **AIV150**
    - **OIE disease code if any**

12. **H5 Subtype Avian Influenza Virus**
    - **Precise identification of agent (strain, serotype, etc.) where applicable**

13. **03 / 11 / 2005**
    - **Date (dd/mm/yyyy) of first confirmation of the event**

    - **Date (dd/mm/yyyy) of start of the event**

15. **Clinical**
    - **Yes [✓] No [ ]**
    - **Clinical disease**

16. **Nature of diagnosis**
    - **Suspicion [ ] Clinical [✓] Post-mortem [✓] Laboratory [✓]**
17. If the reason for notification is 9d.

<table>
<thead>
<tr>
<th>First administrative division</th>
<th>Species</th>
<th>in disease distribution</th>
<th>in disease incidence</th>
<th>in morbidity</th>
<th>in mortality</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Previous rate</td>
<td>New rate</td>
<td>Previous rate (%)</td>
</tr>
</tbody>
</table>

18. If the reason for notification is 9e. ⇒ Morbidity rate [ ]  Mortality rate [ ] Zoonotic potential [ ]

19. If the reason for notification is 9f.  
   New host ⇒ Species  
   New agent ⇒ Agent  
   Increase in pathogenicity ⇒ Zoonotic impact Describe

20. Details of outbreak(s) by first administrative division (not required if reason for notification is 9d.)

<table>
<thead>
<tr>
<th>First administrative division</th>
<th>Lower administrative unit (f: farm; v: village)</th>
<th>Type of epidemiologic unit</th>
<th>Name of the location (village, etc.)</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Date of start of the outbreak</th>
<th>Number of animals in the outbreak(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Species</td>
</tr>
<tr>
<td>Liaoning Province</td>
<td>Jinzhou City</td>
<td>town</td>
<td>Badaobao</td>
<td>26/10/2005</td>
<td></td>
<td></td>
<td>avi</td>
</tr>
</tbody>
</table>

21. Description of affected population(s)

8940 chickens died. 20 magpies and other kind of wild birds died.

22. Laboratory(-ies) where diagnosis was made

<table>
<thead>
<tr>
<th>National Avian Influenza Reference Laboratory, Harbin Veterinary Research Institute, Chinese Academy of Agricultural Sciences, Harbin, P.R.C.</th>
</tr>
</thead>
</table>

23. Species examined 24. Diagnostic tests used  Date  Results

<table>
<thead>
<tr>
<th>Species</th>
<th>HI</th>
<th>03/11/2005</th>
<th>positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>RT-PCR</td>
<td></td>
<td></td>
<td>positive</td>
</tr>
<tr>
<td>VPI</td>
<td></td>
<td></td>
<td>Highly Pathogenic</td>
</tr>
</tbody>
</table>
Source of outbreak(s) or origin of infection
(tick as appropriate)

- Unknown or inconclusive
- Introduction of new animals/animal products
- Legal movement of animals
- Illegal movement of animals
- Animals in transit
- Contact with infected animal(s) at grazing/watering
- Swill feeding
- Fomites (humans, vehicles, feed, etc.)
- Airborne spread
- Vectors
- Contact with wild animals

Control measures (tick as appropriate)

<table>
<thead>
<tr>
<th>Control measures (tick as appropriate)</th>
<th>Taken</th>
<th>To be taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control of arthropods</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Control of wildlife reservoirs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stamping out</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Partial stamping out</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Quarantine</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Movement control inside the country</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Screening</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Zoning</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Vaccination (give details below in section 27)</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Disinfection of infected premises/establishment(s)</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Dipping/spraying</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

Vaccination in response to the outbreak(s)

<table>
<thead>
<tr>
<th>First administrative division</th>
<th>Species</th>
<th>Total number of vaccinated animals</th>
<th>Details of the vaccine (live/inactivated, mono- or polyvalent, etc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liaoning province</td>
<td>avi</td>
<td>13900000</td>
<td>Inactivated mono H5N2 Vaccine</td>
</tr>
</tbody>
</table>

Treatment of affected animals

- Yes
- No

Vaccination prohibited

- Yes
- No

Other details/comments

On 26th October, occurrence of death of chickens raised by farmers at the town Badaohe of the Heishan county in Liaoning province were found. At first, local veterinarians suspected Newcastle disease and reported to the Liaoning Animal Health Supervision Management Bureau. On 1st November, the Veterinarians of the Bureau primarily diagnosed it as suspicious highly pathogenic avian influenza.

Final report

- Yes
- No

If "yes" => Event ended

- Yes
- No

If "no" => Continuing notification using the six-monthly report

- Yes