Immediate notification report

Report Summary

Disease: Highly pathogenic avian influenza
Animal type: Terrestrial
Causal Agent: Highly pathogenic avian influenza virus
Serotype(s): H5N1
Clinical Signs: Yes
Reason: Reoccurrence of a listed disease
Date of first confirmation of the event: 16/01/2008
Date of report: 21/01/2008
Date Submitted To OIE: 21/01/2008
Diagnosis: Clinical, Laboratory (advanced), Necropsy
Date Of Last Occurrence: 06/2006
Number Of Reported Outbreaks:
Submitted= 1, Draft= 0
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Entered by: Mme Margarita Alonso

Outbreak (this report - submitted)

CRIMEAN Krasnogvardeisk Farm
Location: Rime
Latitude: 45,52
Longitude: 34,24
Start: 15/01/2008
End: 
Species Measuring units Susceptible Cases Deaths Destroyed Slaughtered
Birds Animals 25000 173 173 15000 0

Affected Population

Laying hens in two poultry houses. 180-day-old chickens were kept in the first poultry house and 390-day-old chickens in the second one. The youngest population showed first clinical signs of disease.

Clinical signs were detected during epidemiological examination as follows:

depression, disheveled feathers, oedema and cyanosis of head. The period from the first clinical signs till death lasts from 2 to 8 hours. During post-mortem examination, the following observations were made: enlarged liver, enlarged gall bladder and kidneys, catarrhal inflammation of duodenum, pinpoint haemorrhages into submucous membrane of fermerous stomach.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species Susceptible Cases Deaths Destroyed Slaughtered
Birds 25000 173 173 15000 0
### Epidemiology

#### Epidemiological comments

The owner notified the disease to the Veterinary Services for the first time on 16 January 2008. The same day, a commission consisting of experts from the Veterinary Administration of the Autonomous Republic of Crimea and Republican Laboratory specialists was constituted. As of 16h p.m. 19 January 2008 the destruction of poultry was completed.

No other notifications on illness or loss of poultry in the Autonomous Republic of Crimea have been registered up to date.

203 groups for control of poultry health status were organized. 201, 200 birds in 507 settlements of the Autonomous Republic of Crimea were examined. 12 poultry establishments were also examined.

State Committee for Veterinary Medicine of Ukraine assigned to the Veterinary Administration in the Autonomous Republic of Crimea disinfection means, individual safety kits for conduction of disease eradication.

### Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

### Control Measures

- **Applied**
  - Stamping out
  - Quarantine
  - Movement control inside the country
  - Screening
  - Zoning
  - Disinfection of infected premises/establishment(s)

- **To be applied**
  - No Planned Control Measures

- **Vaccination Prohibited**
  - Yes

### Country / Zone

- **Country or zone**
  - a zone or compartment

### Diagnostic test results

<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>State Research Institute for Laboratory Diagnostic and Veterinary and Sanitary Expertise, Kiev</td>
<td>Birds</td>
<td>haemagglutination inhibition test (HIT)</td>
<td>18/01/2008</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>State Research Institute for Laboratory Diagnostic and Veterinary and Sanitary Expertise, Kiev</td>
<td>Birds</td>
<td>polymerase chain reaction (PCR)</td>
<td>17/01/2008</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Republican State Laboratory for Veterinary Medicine, Simferopol</td>
<td>Birds</td>
<td>polymerase chain reaction (PCR)</td>
<td>16/01/2008</td>
<td>Negative</td>
</tr>
</tbody>
</table>

### Future Reporting

What further reports will be submitted in relation to this event?

There are 1 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

The event is continuing. Weekly follow-up reports will be submitted.