Follow-up report No.: 4

Report Summary

Disease: Highly pathogenic avian influenza
Animal type: Terrestrial
Causal Agent: Highly pathogenic avian influenza virus
Serotype(s): H7N3
Clinical Signs: Yes
Reason: Reoccurrence of a listed disease
Date of first confirmation of the event: 27/09/2007
Date of Start of Event: 23/09/2007
Date of report: 17/04/2008
Date Submitted To OIE: 18/04/2008
Diagnosis: Clinical, Laboratory (basic), Laboratory (advanced)
Number Of Reported Outbreaks: Submitted= 1, Draft= 0
Name of Sender of the report: Dr André Vallieres
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Email: vallieresa@inspection.gc.ca
Entered by: Dr André Vallieres

Outbreak (other report - submitted) (CAN-AI-2007-01)

SASKATCHEWAN Regina Unit Type Location Latitude Longitude Start End
SPECIES SASKATCHEWAN Regina Farm Regina Beach 50.7339 -104.9628 23/09/2007 18/01/2008
Species: Birds Measuring units: Animals
Susceptible: 49100 Cases: 540 Deaths: 540
Affected Population

Outbreak summary: Total outbreaks = 1 (Submitted)

Species: Birds
Susceptible: 49100
Cases: 540
Deaths: 540
Destroyed: 48560
Slaughtered: 0

Epidemiology

Epidemiological comments:
Source of the outbreak(s) or origin of infection (cont’d):
This reoccurrence of highly pathogenic avian influenza (HPAI) in Saskatchewan most likely resulted from the introduction of a low pathogenicity H7N3 virus from wild aquatic waterfowl.

Epidemiological comments:
The surveillance in the 3-km-radius and 10-km-radius zones and control area is completed. All of the six backyard flocks in the 3-km-radius zone; the only commercial flock and the only backyard flock in the 10-km-radius zone; and a representative sample of the poultry industry in the control area (Saskatchewan) beyond the 10 km region perimeter have been tested for notifiable avian influenza. All were negative for evidence of notifiable avian influenza virus or previous exposure to notifiable avian influenza virus. All restrictions in the 3-km-radius and 10-km-radius zones and control area and in the rest of the province of Saskatchewan have been lifted on 31 October 2007 (see follow-up report No. 3). All restrictions on the only infected farm (index farm in Saskatchewan) have been lifted after completion of cleaning and disinfection procedures on 18 January 2008.
under the direct supervision of the Canadian Food Inspection Agency. The first barns on the index farm were repopulated with a total of 16,000 birds on 30 January 2008. The birds have shown no clinical sign to date. This event is now resolved. On 17 April 2008, the three months period following the end of cleaning and disinfection of the single infected premises has expired and therefore Canada declares itself free from highly pathogenic notifiable avian influenza.

Source of the outbreak(s) or origin of infection  • Contact with wild species suspected but not confirmed

Control Measures

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Stamping out</td>
<td>• No Planned Control Measures</td>
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<tr>
<td>• Quarantine</td>
<td></td>
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<tr>
<td>• Movement control inside the country</td>
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<tr>
<td>• Screening</td>
<td></td>
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<tr>
<td>• Disinfection of infected premises/establishment(s)</td>
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</tbody>
</table>

Animals treated | No

Country / Zone

Country or zone | the whole country

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>
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Future Reporting

What further reports will be submitted in relation to this event? The event is resolved. No more reports will be submitted.