

Follow-up report No.: 1

Report reference: CAN-AI-2007-01, OIE Ref: 6286, Report Date: 05/10/2007, Country: Canada

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Avian influenza virus	Serotype(s)	H7N3
Clinical Signs	Yes	Reason	Reoccurrence of a listed disease
Date of confirmation of Event	27/09/2007	Date of Start of Event	23/09/2007
Date of report	05/10/2007	Date Submitted To OIE	05/10/2007
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	Date Of Last Occurrence	2004
Number of reported outbreaks	Submitted= 1, Draft= 0	Name of Sender of the report	Dr André Vallieres
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Outbreak (other report - submitted) (CAN-AI-2007-01)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
SASKATCHEWAN	Regina		Farm	Regina Beach	50,7906	-104,9866	23/09/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	49100	540	540	48560	0		

Affected Population

Chicken broiler breeder flock. The operation consists of ten barns. There are 1100 roosters housed within two barns. In close proximity are three barns which house a total of 16,000, 10 week-old broiler breeder pullets. Approximately 400 metres away are four laying barns which house a total of 16,000, 52 week-old broiler breeders and 16,000, 29 week-old broiler breeders. Approximately 540 roosters have died in one barn containing approximately 600 birds (approximately 90% mortality). There are currently less than sixty birds remaining in this barn.

Outbreak summary: Total outbreaks = 1 (Submitted)

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

Epidemiology

Epidemiological comments

Humane depopulation of all barns on the index premises comprising approximately 50,000 birds was completed on 1 October 2007. Disposal by on-site deep burial was completed on 4 October 2007.

Epidemiological assessment of the index premises and trace-out investigation has revealed no high risk contacts.

Six backyard flocks were identified in the 3-km-radius infected zone. There are no commercial poultry operations within the 3-km-radius zone. The first round of testing of the six premises are negative for evidence of avian influenza virus or previous exposure to avian influenza virus.

In the 10-km-radius surveillance zone, one commercial poultry operation has been identified approximately 8 km from the index farm. The first round of testing of the premises are negative for evidence of AI virus or previous exposure to AI virus.

This completes the first round of testing of surveillance samples in the 3-km-radius and 10-km-radius zones. Testing will be repeated at weekly intervals for two more cycles.

Cleaning and disinfection of the index premises will commence shortly.

Restrictions on the movement of birds, bird products and equipment that may have come into contact with birds are in place in the province of Saskatchewan.

Source of Infection	<ul style="list-style-type: none"> • Unknown or inconclusive • Contact with wild species suspected but not confirmed
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Control Measures

Applied	<ul style="list-style-type: none"> • Movement control inside the country • Screening • Quarantine • Stamping out • Zoning 	To be applied	• Disinfection of infected premises/establishment(s)
		Vaccination Prohibited	Yes
Animals treated	No		

Country / Zone

Country or zone	the whole country
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Diagnostic test results

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

Outbreak map

