

Follow-up report No.: 1

Report reference: , OIE Ref: 4826, Report Date: 12/02/2007, Country: Hungary

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 confirmation of Event	24/01/2007	Date of Start of Event	19/01/2007
Report date	12/02/2007	Diagnosis	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced)
Date of last occurrence	06/2006	Number of reported outbreaks	Submitted= 2, Draft= 0
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Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CSONGRAD	Szentes		Farm	Derekegyház-Ördögös	46,540555	20,342222	23/01/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	9386	2596	2596	6790	0		
Affected Population		a geese flock						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CSONGRAD	Szentes		Farm	Szentes-Lapistó	46,610277	20,405555	19/01/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	3355	95	90	3265	0		
Affected Population		A geese flock composed of 3355 geese. On 19 January 2007, only 2 geese died. The mortality started to rise significantly on 21 January 2007.						

Outbreak summary: Total outbreaks = 2 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	12741	2691	2686	10055	0

Epidemiology

Epidemiological comments

This farm is situated within the surveillance zone, at about 9 km from the earlier confirmed outbreak in Csongrád county (in Szentes-Lapistó).

In the morning of 26 January 2007, a bacterial infection (Mycoplasmosis) was suspected on the basis of post-mortem examinations. For safety reasons, the official movement control of the flock was ordered and samples were sent to the Veterinary Diagnostic Directorate of the Central Agricultural Office.

On the late afternoon of 26 January 2007, the clinical signs and post-mortem examinations carried out on spot did not exclude the suspicion of HPAI virus to be present in this geese flock. The same day, the affected geese showed neurological signs explicitly. Therefore, the killing of whole flock was ordered.

On 27 January 2007, the whole flock of the affected farm was killed as well as the flocks of four backyard farms within the 1-km-radius zone around the affected farm.

Source of Infection • Unknown or inconclusive

Control Measures

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

Country / Zone

Country or zone the whole country

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Veterinary Diagnostic Directorate of the Central Agricultural Office, Budapest (former Central Veterinary Institute)	Birds	virus isolation	30/01/2007	Positive
National laboratory	Veterinary Diagnostic Directorate of the Central Agricultural Office, Budapest (former Central Veterinary Institute)	Birds	polymerase chain reaction (PCR)	30/01/2007	Positive
National laboratory	Veterinary Diagnostic Directorate of the Central Agricultural Office, Budapest (former Central Veterinary Institute)	Birds	haemagglutination inhibition test (HIT)	30/01/2007	Positive

Future Reporting

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

There are 2 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

Outbreak map

