

## Follow-up report No.: 3

Report reference: , OIE Ref: 4424, Report Date: 04/08/2006, Country: South Africa

### Report Summary

<b>Disease</b>	Highly pathogenic avian influenza	<b>Animal type</b>	Terrestrial
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Serotype(s)</b>	H5N2
<b>Clinical Signs</b>	Yes	<b>Reason</b>	Reoccurrence of listed disease
<b>Date of confirmation of Event</b>	29/06/2006	<b>Date of Start of Event</b>	19/06/2006
<b>Date of report</b>	04/08/2006	<b>Diagnosis</b>	Clinical, Laboratory (advanced), Necropsy
<b>Date of last occurrence</b>	2005	<b>Number of reported outbreaks</b>	Submitted= 2, Draft= 0
<b>Name of Sender of the report</b>	Mr Bothle Michael Modisane	<b>Address</b>	Private Bag X250 PRETORIA
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### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
WESTERN CAPE PROVINCE	Riversdale		Farm	Sandfontein	-33,6528	20,5943	19/06/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	...	...	7284	...		

#### Affected Population

Only 1 additional seropositive farm (with 2 seropositive epidemiological groups), situated immediately adjacent to the index farm, was detected in the 10-km-radius zone. This finding indicates that all these 3 epidemiological units (index farm and 2 epidemiological units on the adjacent farm) have been exposed to the same risk factors, probably related to clustering of wild birds at the nearby river confluence - rather than being indicative of aerial spread.

Further information on this new outbreak is not yet available.

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
WESTERN CAPE PROVINCE	Riversdale		Farm	Sandfontein	-33,9633	20,0356	19/06/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	58	8	8	50	0		

<b>Affected Population</b>	A first time ostrich rearing farm with ostriches aged 4 months old
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### Outbreak summary: Total outbreaks = 2 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	58	8	8	7334	0

### Epidemiology

<b>Epidemiological comments</b>
Virus has only been isolated on the previously reported index farm at Sandfontein ([34°02'06.00"S, 21°38'31.9"E], Riversdale, Western Cape province).  Concerning the two other suspected seropositive farms:  - at Uitershoek farm ([32°50'20.00"S, 21°58'36"E], Prins Albert, Western Cape province), additional haemagglutination inhibition tests were done on samples taken on 24 July 2006 and retesting yielded positive results on 15 out of 120 samples. Controlled slaughter will be applied in this case.  - at Grassmere farm ([34°06'S, 24°24'E], Kou-Kamma, Eastern Cape province), additional haemagglutination inhibition tests were done on samples taken on 22 and 24 July 2006 and retesting yielded negative results. All control measures have therefore been discontinued.

<b>Source of Infection</b>	• Unknown or inconclusive
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### Control Measures

<b>No Control Measures</b>		<b>Animals treated</b>	No
<b>Vaccination Prohibited</b>	Yes		

### Country / Zone

<b>Country or zone</b>	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

<b>What further reports will be submitted in relation to this event?</b>
There are 2outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

## Outbreak map

