

Immediate notification report

Report reference: , Ref OIE: 4408, Report Date: 03/07/2006 , Country: South Africa

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N2
Clinical Signs	Yes	Reason	Reoccurrence of listed disease
Date of confirmation of Event	29/06/2006	Date of Start of Event	19/06/2006
Date of report	03/07/2006	Diagnosis	Clinical, Laboratory (advanced), Necropsy
Date of last occurrence		Number of reported outbreaks	Submitted= 1, Draft= 0
Name of Sender of the report	Mr Bothle Michael Modisane	Address	Private Bag X250 PRETORIA
Position	Assistant Director General	Telephone	(27-12) 319 6500 / 319 6503
Fax	(27-12) 319 6281 / 323 3465 / 329 0499	Email	SMAH@nda.agric.za
Entered by	Mme Maria Cristinna Ramirez		

Outbreak (this 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		
Affected Population		A first time ostrich rearing farm with ostriches aged 4 months old						

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	58	8	8	50	0

Epidemiology

Epidemiological comments

- After a few ostriches became sick, swift reaction by private veterinarians and laboratories ensured that the outbreak was rapidly reported to the government veterinary authorities. The National and Western Cape Province Departments of Agriculture, with full support from industry and the local disaster management structures, took immediate and effective action.

- Preliminary surveillance indicates that the outbreak is probably limited to the single farm in which the disease was detected.

- Culling of all other poultry in the index farm was completed on 3 July 2006.

- It is hoped that, with the support of all role-players, the outbreak can be curtailed rapidly and that South Africa's export status for ostriches and poultry will not be affected.

- An ongoing, countrywide surveillance programme since September 2005 did not indicate any notifiable avian influenza in commercial ostriches, commercial and non commercial chickens.

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 	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	Agricultural Research Council Onderstepoort Veterinary Institute	Birds	virus sequencing	01/07/2006	Positive
National laboratory	Agricultural Research Council Onderstepoort Veterinary Institute	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	01/07/2006	Positive
National laboratory	Stellenbosch Veterinary Laboratory	Birds	virus isolation	29/06/2006	Positive

Future Reporting

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

