

Follow-up report No.: 2

Report reference: BINYAMINA-GIV'AT ADA, OIE Ref: 7027, Report Date: 08/04/2008, Country: Israel

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 first confirmation of the event	03/01/2008	Date of Start of Event	27/12/2007
Date of report	08/04/2008	Date Submitted To OIE	08/04/2008
Diagnosis	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	Date Of Last Occurrence	03/2006
Number Of Reported Outbreaks	Submitted= 1, Draft= 0	Name of Sender of the report	Dr Michel Bellaiche
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Outbreak (other report - submitted) (BINYAMINA-GIV'AT ADA)

HAIFA	Unit Type	Location	Latitude	Longitude	Start	End
HAIFA	Farm	BINYAMINA-GIV'AT ADA	32,5195133375	34,9647465364	27/12/2007	04/01/2008
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	26	12	12	14	0

Affected Population

Highly pathogenic avian influenza virus serotype H5N1 was detected in a cage of 12 chickens, eight ducks and six pigeons. The pet birds were kept in a cage (4X5 meters) in a backyard of a kindergarten. These birds were not used for the production of meat or eggs for consumption, for the production of other commercial products, for restocking supplies of game, or for breeding, and were not fighting cocks. Ten of the chickens and two of the ducks died. No pigeons died and they were found negative to H5N1. The remaining live birds were culled.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	26	12	12	14	0

Epidemiology

Epidemiological comments

Intensive surveillance continued in Israel to insure that no notifiable avian influenza (NAI) virus was circulating in poultry population in Israel.

Commercial and backyard flocks showing respiratory signs and/or high mortality and dead wild birds were sampled for viral isolation and/or PCR. 1,008 samples were tested by viral isolation in embryonated eggs. 3,258 samples were tested by RT-PCR. All samples were negative for H5 and H7.

304 healthy flocks were tested by ELISA. Any flock testing positive in even one sample of one test was then retested by hemagglutination inhibition test (HI) for H5, H7 and H9. Samples with an HI titer less than 4 were considered negative. Commercial poultry flocks were sampled throughout the country. The number of flocks sampled was based on a sample size that would provide at least a 95% level of confidence of detecting a prevalence of NAI serologically positive flocks of 1% (at least 284 flocks). Each flock was sampled to provide a 95% level of confidence of detecting an intra-flock serological prevalence of NAI of 25% (at least 11 samples). All healthy flocks tested were negative for H5 and H7.

One duck breeding farm and one goose breeding farm were tested by viral isolation and were found negative.

Therefore, according to the Article 2.7.12.4 of the OIE Terrestrial Animal Health Code, Israel declares itself free from notifiable avian influenza.

Source of the outbreak(s) or origin of infection • Unknown or inconclusive

Control Measures

Applied	• Stamping out • Quarantine • Movement control inside the country • Screening • Disinfection of infected premises/establishment(s)	To be applied	• No Planned Control Measures
		Vaccination Prohibited	Yes
Animals treated	No		

Country / Zone

Country or zone a zone or compartment

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? The event is resolved. No more reports will be submitted.

Outbreak map

