

Follow-up report No.1

Report reference: H3N8 in horses, Reference OIE : 24515, Report Date : 08/08/2017, Country : Israel

Report Summary

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		Date submitted to OIE	

Animal type	Terrestrial	Date of report	08/08/2017
Disease	Equine influenza	Date of start of the event	08/06/2017
Causal Agent	Equine influenza virus	Date of confirmation of the event	15/07/2017
Serotype(s)	H3N8	Date of last occurrence	11/2013
Reason	Recurrence of a listed disease	Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 7, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ-other report - submitted	-	Petach-Tiqwa		Farm	MA"AS	32.0648808752	34.887578282	08/06/2017	29/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Equidae	Animals	10	10	0	0	0			
Affected Population	100% morbidity with mild to moderate clinical symptoms as fever, mucopurulent nasal discharge, fatigue and anorexia.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ-other report - submitted	-	Rehovot		Farm	QIDRON	31.8157393505	34.7976086116	15/06/2017	05/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Equidae	Animals	20	15	0	0	0			
Affected Population	Classic clinical symptoms.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ-other report - submitted	-	Ramala		Farm	NEZER SERENI	31.9231268076	34.8225119516	15/06/2017	03/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Equidae	Animals	60	30	0	0	0			
Affected Population	Classic clinical symptoms.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Beer-Sheva		Farm	TEL SHEVA	31.2468743296	34.8588513254	17/06/2017	07/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Equidae	Animals	2	1	0	0	0			
Affected Population	Classic clinical symptoms.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Acco		Farm	NAHARIYYA	33.0065856688	35.0971945242	17/06/2017	06/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Equidae	Animals	1	1	0	0	0			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Affected Population	Classic clinical symptoms.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Yizreel		Farm	ZIPPORI	32.7451371336	35.2778189442	20/06/2017	11/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Equidae	Animals	30	10	0	0	0			
Affected Population	Classic clinical symptoms								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAIFA-other report - submitted	-	Hadera		Farm	PARDES HANNA-KARKUR	32.4762447667	34.9712437192	22/06/2017	10/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Equidae	Animals	12	6	0	0	0			
Affected Population	Classic clinical symptoms								

Outbreak summary: Total outbreaks = 7 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Equidae	135	73	0	0	0

Epidemiology

Epidemiological comments

A febrile disease was reported in mid-June. Nasal swabs and blood samples were collected from suspected stables.
Equine influenza is not common in Israel and was not detected since 11/2013.
The samples were sent for confirmation to the OIE reference laboratory in Ireland and were found positive.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • movement control inside the country • vaccination in response to the outbreak (s) • surveillance outside containment and/or protection zone • surveillance within containment and/or protection zone • screening • quarantine • zoning • disinfection 	<ul style="list-style-type: none"> • no planned control measures
Animals treated	Vaccination Prohibited
No	No

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Kimron Veterinary Institute	Equidae	real-time PCR	26/06/2017	Positive
OIE Reference Laboratory	Irish Equine Center - Ireland	Equidae	reverse transcription - polymerase chain reaction (RT-PCR)	15/07/2017	Positive

Future Reporting

The event is continuing. Weekly follow-up reports will be submitted.

Outbreak maps

