

Follow-up report No.3

Report reference: MUGHAR, Reference OIE : 28824, Report Date : 02/12/2018, Country : Israel

Report Summary

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Animal type	Terrestrial	Date of report	02/12/2018
Disease	Foot and mouth disease	Date of start of the event	05/09/2018
Causal Agent	Foot and mouth disease virus	Date of confirmation of the event	09/09/2018
Serotype(s)	O	Date of last occurrence	16/07/2018
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= 4, Draft= 2	Number of Outbreaks to Report	2

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon-other report - submitted	-	Kineret		Farm	MUGHAR	32.8901583212	35.4072454563	05/09/2018	20/09/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	200	10	0	0	0			
Goats	Animals	40	0	0	0	0			
Affected Population	Herd of 200 free-ranging beef cattle and 40 goats. The herd was vaccinated in December 2017.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon-other report - submitted	-	Golan		Farm	SHA"AL	33.1164826155	35.7152499326	25/09/2018	04/10/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	24	5	0	0	0			
Affected Population	24 fattening calves. The affected animals demonstrated salivation, mouth lesions and limping.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon-other report - submitted	-	Golan		Other	Hermon	33.2686121821	35.7697948947	05/11/2018	14/11/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	100	10	0	0	0			
Affected Population	Free ranging beef cattle. The herd had been vaccinated in June.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon-other report - submitted	-	Tsefat		Other	Near Baniass	33.2294702497	35.6386676647	17/11/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	80	20	0	0	0			
Affected Population	Free ranging beef cattle.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon- (this report - draft)	-	Golan		Natural park	MAS"ADE FOREST	33.2326086451	35.7566897447	20/11/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			

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			
Wild boar:Suidae(Sus scrofa)	Animals	...	2	...	2	...			
Affected Population	Two wild boars were shot and sampled for FMD. The hoofs were detached. In the region more wild boars have been seen limping.								

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			
Hazafon- (this report - draft)	-	Tsefat		Other	KEFAR SZOLD	33.1960438325	35.6578048349	26/11/2018	
Cattle	Animals	120	20	0	0	0			
Affected Population	Free ranging beef cattle. The herd consists of 120 cows that have been vaccinated 6 times in their lifetime, the last vaccination was on 15/10/2018. The farmer reports that he has seen several limping wild boars among the cattle.								

Outbreak summary: Total outbreaks = 2 (Draft)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Wild boar		2		2	
Cattle	120	20	0	0	0

Outbreak summary: Total outbreaks = 4 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Cattle	404	45	0	0	0
Goats	40	0	0	0	0

Epidemiology

Epidemiological comments

The virus lineage of the two first outbreaks is O/ME/Panasia-2

The lineage of the other outbreaks is pending.

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 • quarantine • zoning 	<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, Virology Department	Wild boar	reverse transcription - polymerase chain reaction (RT-PCR)	29/11/2018	Positive
National laboratory	Kimron Veterinary Institute, Virology Department	Wild boar	pathogen isolation on cell culture	29/11/2018	Positive
National laboratory	Kimron Veterinary Institute, Virology Department	Cattle	reverse transcription - polymerase chain reaction (RT-PCR)	29/10/2018	Positive
National laboratory	Kimron Veterinary Institute, Virology Department	Cattle	pathogen isolation on cell culture	29/11/2018	Positive
National laboratory	Kimron Veterinary Institute, FMD Laboratory	Cattle	pathogen isolation on cell culture	22/11/2018	Positive

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Kimron Veterinary Institute. FMD Laboratory	Cattle	reverse transcription - polymerase chain reaction (RT-PCR)	14/11/2018	Positive

Future Reporting

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

Outbreak maps

