

Follow-up report No.2

Report reference: LSD Ramat Magshimim, Reference OIE : 31070, Report Date : 13/07/2019, Country : Israel

Report Summary

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		Entered by	Dr Michel Bellaiche
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Animal type	Terrestrial	Date of report	13/07/2019
Disease	Lumpy skin disease	Date of start of the event	30/05/2019
Causal Agent	Lumpy skin disease virus	Date of confirmation of the event	03/06/2019
Reason	Recurrence of a listed disease	Date of last occurrence	09/2013
Country or zone	a zone or compartment	Diagnosis	Suspicion, Clinical, Laboratory (advanced), Necropsy
Number of reported outbreaks	submitted= 3, Draft= 9	Clinical signs	Yes

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon-other report - submitted	-	Golan		Farm	Ramat Magshimmim	32.8446839127	35.8087475569	30/05/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	1300	18	1	16	0			
Affected Population	A dairy farm in the Golan Heights. 700 milking cows and 600 heifers. The two first affected animals were 18 and 8 months old. The morbidity was in the group of young animals close to their first pregnancy or pregnant heifers. Clinical symptoms: lumps on multiple parts of the skin, fever, enlarged lymph nodes. Later on, 16 additional heifers have been affected.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon-other report - submitted	-	Kineret		Other	Bteha	32.89209	35.56059	02/06/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	80	6	0	0	0			
Affected Population	Free ranging beef cattle. Lumps on the skin. No other clinical symptoms. Never vaccinated.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon-other report - submitted	-	Golan		Other	RAMAT MAGSHIMIM	32.84468391	35.80874756	08/06/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	65	2	0	0	0			
Affected Population	Free ranging beef cattle. Close to the first outbreak.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon- (this report - draft)	-	Kineret		Other	South Ein Gev	32.75435	35.63843	12/06/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	3366	5	0	0	0			
Affected Population	Symptoms appeared in two heifers, one female in her second pregnancy and two cows, born in 2015.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon- (this report - draft)	-	Acco		Farm	KEFAR MASARYK	32.88721	35.10078	17/06/2019	
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			
Cattle	Animals	50	3	0	2	0			
Affected Population	Milking cows. The herd was last vaccinated in April 2017. The symptoms were seen on one adult cow and two females in their second pregnancy. One of them and the cow were euthanized due to animal welfare issues. The farm is near the incineration center where dead affected animals are brought for incineration.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon- (this report - draft)	-	Tsefat		Other	TUBA-ZANGARIYYE	32.96377	35.59485	20/06/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	50	2	0	0	0			
Affected Population	Free ranging beef cattle. No previous vaccination.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon- (this report - draft)	-	Golan		Farm	MEVO HAMMA	32.73177	35.65382	20/06/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	200	2	0	0	0			
Affected Population	Feedlot. Half of the group has been vaccinated 4 days before the apparition of the clinical symptoms. No other symptoms than lumps on the skin.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon- (this report - draft)	-	Golan		Other	KANAF	32.87562	35.70605	23/06/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	...	1	0	0	0			
Affected Population	Free ranging beef cattle. One adult cow showed clinical symptoms.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon- (this report - draft)	-	Kineret		Farm	GINNOSAR	32.84946	35.52139	24/06/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	550	3	0	0	0			
Affected Population	Dairy herd. Vaccinated 4 weeks before the outbreak. 3 heifers less than 12 months old.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon- (this report - draft)	-	Kineret		Farm	SHAAR HAGOLAN	32.68543	35.60182	30/06/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	550	1	0	0	0			
Affected Population	Dairy farm. The affected animal is a heifer. The herd has been vaccinated 5 days before the apparition of the clinical symptoms.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon- (this report - draft)	-	Golan		Farm	KEFAR HARUV	32.76	35.66343	05/07/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	70	11	1	0	0			
Affected Population	Feedlot. The herd was not vaccinated before the outbreak.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Haifa- (this report - draft)	-	Hadera		Other	MUAWIYE	32.5347	35.14742	11/07/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			

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Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	13	1	0	0	0			
Affected Population	One heifer out of 13 young animals. Not vaccinated before the outbreak,								

Outbreak summary: Total outbreaks = 9 (Draft)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Cattle	4849	29	1	2	0

Outbreak summary: Total outbreaks = 3 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Cattle	1445	26	1	16	0

Epidemiology

Epidemiological comments

The first farm is about 4 km from the border with the neighbouring country. Probably, the virus has been introduced by flying insects.

Source of the outbreak(s) or origin of infection

- Vectors

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • movement control inside the country • vaccination in response to the outbreak (s) • quarantine • official disposal of carcasses, by-products and waste • selective killing and disposal • zoning • disinfection 	<ul style="list-style-type: none"> • surveillance outside containment and/or protection zone • surveillance within containment and/or protection zone • screening • control of vectors
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 Laboratory	Cattle	real-time PCR	09/07/2019	Positive

Future Reporting

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

Outbreak maps

