

Israel - Lumpy skin disease virus (Inf. with) - Follow-up report 2

ENTERED BY

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DELEGATE/CVO

Delegate of: Israel

GENERAL INFORMATION

COUNTRY/TERRITORY OR ZONE	ANIMAL TYPE	DISEASE CATEGORY	EVENT ID
ZONE	TERRESTRIAL	Listed disease	5076
DISEASE	CAUSAL AGENT	GENOTYPE / SEROTYPE / SUBTYPE	START DATE
Lumpy skin disease virus (Inf. with)	Lumpy skin disease virus	-	2023/05/28
REASON FOR NOTIFICATION	DATE OF LAST OCCURRENCE	CONFIRMATION DATE	EVENT STATUS
Recurrence of an eradicated disease	2019/11/24	2023/05/30	On-going
END DATE	SELF-DECLARATION		
-	NO		

REPORT INFORMATION

REPORT NUMBER	REPORT ID	REPORT REFERENCE	REPORT DATE
Follow-up report 2	FUR_162202	-	-
REPORT STATUS	NO EVOLUTION REPORT		
Draft	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Vectors

EPIDEMIOLOGICAL COMMENTS

No epidemiological comment

QUANTITATIVE DATA SUMMARY

MEASURING UNIT

Animal

Species	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
cattle	NEW	1420	21	2	0	1420
(domestic)	TOTAL	3200	61	8	0	3199

DIAGNOSTIC DETAILS

CLINICAL SIGNS

YES

METHOD OF DIAGNOSTIC

Clinical,
Diagnostic test

Test name	Laboratory	Species sampled	Outbreak ID	Result date	Result
Real-time polymerase chain reaction (real-time PCR)	Kimron Veterinary Institute, Virology laboratory	Cattle	ob_123315	2023/07/25	Positive
Real-time polymerase chain reaction (real-time PCR)	Kimron Veterinary Institute, Virology laboratory	Cattle	ob_121006	2023/06/28	Positive
Real-time polymerase chain reaction (real-time PCR)	Kimron Veterinary Institute, Virology laboratory	Cattle	ob_120785	2023/06/14	Positive
Real-time polymerase chain reaction (real-time PCR)	Kimron Veterinary Institute, Virology laboratory	Cattle	ob_119362	2023/05/30	Positive

CONTROL MEASURES

CONTROL MEASURES AT EVENT LEVEL

Ante and post-mortem inspections
 Movement control
 Control of vectors
 Official disposal of carcasses, by-products and waste
 Vaccination in response to the outbreak (s)
 Quarantine
 Screening
 Zoning
 Vector surveillance
 Surveillance outside the restricted zone
 Surveillance within the restricted zone

DOMESTIC ANIMALS

Applied
 Applied
 Applied
 Applied
 Applied
 Applied
 Applied
 Applied
 Applied
 Applied

WILD ANIMALS

NEW OUTBREAKS

OB_123315 - YAD MORDEKHAY - YAD MORDEKHAY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
YAD MORDEKHAY	2023/07/24	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
HaDarom	-	-	Farm
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
YAD MORDEKHAY	31.585683 , 34.555259	-	Animal
AFFECTED POPULATION DESCRIPTION			

Milking farm.

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
cattle (domestic)	NEW	1200	16	0	0	0	1200
	TOTAL	1200	16	0	0	0	1200

METHOD OF DIAGNOSTIC

Diagnostic test,
Clinical

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

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UPDATED OUTBREAKS

OB_120785 - BET GAMLIEL - BET GAMLIEL

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
BET GAMLIEL	2023/06/11	2023/07/30	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
HaMerkaz	-	-	Farm
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
BET GAMLIEL	31.855286 , 34.758343	-	Animal

AFFECTED POPULATION DESCRIPTION

Dairy farm. A single heifer was affected with severe clinical symptoms and died after a few days. No clinical symptoms have been seen in the rest of the animals in the herd.

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
cattle (domestic)	NEW	220	1	-	-	-	220
	TOTAL	500	2	1	0	0	500

METHOD OF DIAGNOSTIC

Clinical,
Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

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OB_119362 - NAHAL OZ - NAHAL OZ

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
NAHAL OZ	2023/05/28	2023/06/21	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
HaDarom	-	-	Farm
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit

AFFECTED POPULATION DESCRIPTION

The farm is a milking farm with 350 milking cows, 50 dry cows and 300 heifers. The farm is located at about 1.5 kms from Gaza strip. The affected animals are heifers of 10-13 months old. Adjacent to them, there are two groups of heifers (8-10 months old and 6-8 months old). These groups were not affected until now (30/05/23). After this date, other groups of heifers have been affected. 2 of the affected animals were heifers aged of 9 weeks only. The herd has been vaccinated previously in June 2022. The affected group of heifers has not been vaccinated than during the vaccination process since they were too young. Clinical symptoms are: spread lumps on the skin, fever, swollen feet, enlarged lymph nodes, recumbency, death (5). All the animals in the herd aged above 3 months, have been vaccinated immediately (29/05/23) after the symptoms have been seen.

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
cattle (domestic)	NEW	-	-	-	-	-	-
	TOTAL	800	32	5	0	0	799

METHOD OF DIAGNOSTIC

Clinical,
Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

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OB_121006 - NIZZANIM - NIZZANIM

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
NIZZANIM	2023/06/25	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
HaDarom	-	-	Farm
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
NIZZANIM	31.715919 , 34.634528	-	Animal

AFFECTED POPULATION DESCRIPTION

The farm is located 20 kilometers from the Gaza strip and 30 kilometers from Nahal Oz (first outbreak). The herd has not been vaccinated for several years. Only heifers have been affected.

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
cattle (domestic)	NEW	-	4	2	-	-	-
	TOTAL	700	11	2	0	0	700

METHOD OF DIAGNOSTIC

Clinical,
Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

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