

## Immediate notification report

Report reference: Maoz Haim M. Bovis REF OIE 30026, Report Date: 03/04/2019, Country : Israel

### Report Summary

<b>Name of sender of the report</b>	Dr Michel Bellaiche	<b>Telephone</b>	972(3)9681608
<b>Position</b>	Head, Epidemiology Department	<b>Fax</b>	972(3)9681761
<b>Address</b>	P.O. Box 12 Bet Dagan 50250 ISRAEL BET DAGAN 50250	<b>Email</b>	michelb@moag.gov.il
		<b>Entered by</b>	Dr Michel Bellaiche
		<b>Date submitted to OIE</b>	

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	03/04/2019
<b>Disease</b>	Mycobacterium tuberculosis complex (Infection with)	<b>Date of start of the event</b>	01/03/2019
<b>Causal Agent</b>	Mycobacterium bovis	<b>Date of confirmation of the event</b>	01/04/2019
<b>Reason</b>	Recurrence of a listed disease	<b>Date of last occurrence</b>	1999
<b>Country or zone</b>	a zone or compartment	<b>Diagnosis</b>	Laboratory (basic), Laboratory (advanced), Necropsy
<b>Number of reported outbreaks</b>	submitted= 0, Draft= 1	<b>Clinical signs</b>	No

### Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon- (this report - draft)	-	Yizreel		Farm	MA*****OZ HAYYIM	32.4931217221	35.5489170218	04/03/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	564	48	0	46	2			
Affected Population	The herd is a milking herd. It contained 297 milking cows, 30 dry cows, 232 heifers and 5 calves. In the slaughter house, during a routine slaughter, three cows from the farm have shown pathological changes including granulomas in the lungs. Samples were sent to the laboratory at Kimron Institute. Two of the cows have been found with acid resistant bacteria and samples were sent to the reference laboratory of Ministry of Health. All the herd has been immediately tested to tuberculin test. 36 cows and 10 heifers were found positive with the test. All the 46 animals were culled and an autopsy has been conducted to 16 of them. No dramatic lesions have been seen but 4 of them were found with acid resistant bacteria which were sent to further investigation.								

### Outbreak summary: Total outbreaks = 1 (Draft)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Cattle	564	48	0	46	2

### Epidemiology

#### Epidemiological comments

This event is not connected to the event of tuberculosis reported in February 2019, where the agent was Mycobacterium Caprae, and was found in an imported calf.

#### Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

### Measures applied

Applied	To be applied
<ul style="list-style-type: none"> <li>• movement control inside the country</li> <li>• screening</li> <li>• quarantine</li> <li>• surveillance outside containment and/or protection zone</li> <li>• official destruction of animal products</li> <li>• official disposal of carcasses, by-products and waste</li> <li>• selective killing and disposal</li> <li>• ante and post-mortem inspections</li> </ul>	<ul style="list-style-type: none"> <li>• no planned control measures</li> </ul>
Animals treated	Vaccination Prohibited
No	No

### Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Ministry of Health, Abu Kabbir Laboratory	Cattle	polymerase chain reaction (PCR)	01/04/2019	Positive

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Kimron Veterinary Institute, Bacteriology Laboratory	Cattle	bacteriological examination	06/03/2019	Inconclusive

### Future Reporting

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

## Outbreak maps

