

## Immediate notification report

Report reference: Tilapia Lake Virus REF OIE 23836, Report Date: 21/05/2017, Country : Israel

### Report Summary

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<b>Animal type</b>	Aquatic	<b>Date of report</b>	21/05/2017
<b>Causal Agent</b>	Tilapia Lake Virus	<b>Date of start of the event</b>	01/08/2011
<b>Reason</b>	Emerging disease	<b>Date of confirmation of the event</b>	01/03/2014
<b>Number of reported outbreaks</b>	submitted= 0, Draft= 1	<b>Disease Name</b>	*Tilapia Syncitial Hepatitis * (New Unknown Disease)

### Disease Impact

<b>Units for morbidity and mortality</b>	<b>Morbidity</b>	<b>Mortality</b>	<b>Zoonotic potential</b>
quant	6%	2%	

### Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:	Water Type	population	Production system
HAZAFON- (this report - draft)	-	Kineret		Lake	Kineret Lake	32.7915994157	35.5383205851	01/08/2011		Fresh Water	Wild	Open (e.g. wild fishery)
Species	Units for morbidity and	Morbidity	Mortality	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Fish: Tilapins (tilapia)	qual	1	0.5	Animals	...	...	...	...	...			
<b>Affected Population</b>	The disease was identified in wild tilapia fish populations in the Kineret Lake. The major symptoms were lethargy, skin erosions, ocular lesions. Main pathological changes were syncitial hepatitis (all ages) and CNS involvement (found mainly in adults). Several outbreaks of the disease affecting cultured tilapines were also recorded.											

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

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Fish					

### Epidemiology

<b>Epidemiological comments</b>
TiLV outbreaks are recorded mostly during the hot season (July-October). Outbreaks occurring in other periods are rare.
In aquaculture systems, morbidity and mortality includes fish over 50 gramms, although involvement of small fish is not excluded.
<b>Source of the outbreak(s) or origin of infection</b>
• Unknown or inconclusive

### Measures applied

<b>Applied</b>	<b>To be applied</b>
• screening	• no planned control measures
<b>Animals treated</b>	<b>Vaccination Prohibited</b>
No	No

### Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Kimron Veterinary Institute, Fish diseases laboratory	Tilapins (tilapia)	pathogen isolation on cell culture	01/03/2014	Positive
National laboratory	Kimron Veterinary Institute, Fish diseases laboratory	Tilapins (tilapia)	polymerase chain reaction (PCR)	01/03/2014	Positive

### Future Reporting



## Outbreak maps

