



**Tilapia lake virus disease,  
Thailand**

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Information received on 24/09/2017 from Dr Apai Suttisunk, THAI Ministry of Agriculture and Cooperatives, Department of Livestock Development, Ministry of Agriculture and Cooperatives, Bangkok 10400, Thailand

**Summary**

Report type	Immediate notification (Final report)
Date of start of the event	15/10/2015
Date of confirmation of the event	15/05/2017
Report date	24/09/2017
Date submitted to OIE	24/09/2017
Date event resolved	25/10/2015
Reason for notification	Emerging disease
Morbidity	70 %
Mortality	70 %
Zoonotic impact	No
Causal agent	Tilapia lake virus (TiLV)

**New outbreaks (1)**

Outbreak 1 (TiLV 1)	Farm 1, Pamok, Pamok, Ang Thong							
Date of start of the outbreak	15/10/2015							
Outbreak status	Resolved (25/10/2015)							
Epidemiological unit	Cage							
Water type	Fresh water							
Population type	Farmed							
Production system	Semi-closed							
Affected animals	Species	Morbidity	Mortality	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
	Tilapia (Oreochromis sp.)	70 %	70 %	2000	1400	1400	0	0

Summary of outbreaks	Total outbreaks: 1					
Total animals affected	Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
	Tilapia (Oreochromis sp.)	2000	1400	1400	0	0
Outbreak statistics	Species	Apparent morbidity rate	Apparent mortality rate	Apparent case fatality rate	Proportion susceptible animals lost*	
	Tilapia (Oreochromis sp.)	70.00%	70.00%	100.00%	70.00%	
*Removed from the susceptible population through death, destruction and/or slaughter						

**Epidemiology**

Source of the outbreak(s) or origin of infection	Unknown or inconclusive
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**Control measures**

<b>Measures applied</b>	Surveillance outside infected and/or protection zone Surveillance within infected and/or protection zone Vaccination permitted (if a vaccine exists) No treatment of affected animals
<b>Measures to be applied</b>	No other measures

**Diagnostic test results**

Laboratory name and type	Species	Test	Test date	Result
Faculty of Veterinary Medicine, Kasetsart University (Private Laboratory)	Tilapia (Oreochromis sp.)	reverse transcription - polymerase chain reaction (RT-PCR)	15/05/2017	Positive

**Future Reporting**

The event is resolved. No more reports will be submitted.

**Map of outbreak locations**

