











**VIRTUAL COURSE** 

26 March to 15 April 2021

# Design of an Active Surveillance for Tilapia Lake Virus (TILV) Disease and Its Implementation













**CHECKLIST 11** 

13 April 2021

## Human and financial resources and logistics requirements

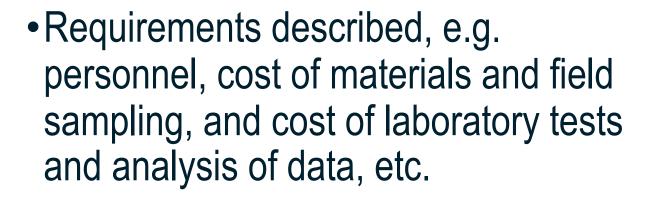
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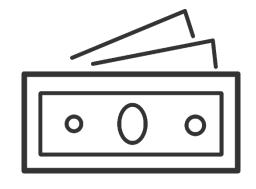
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TCP/INT/3707: Strengthening biosecurity (policy and farm level) governance to deal with Tilapia lake virus

#### **CHECKLIST 11**

## Human and financial resources and logistics requirements





Producer sector engaged

### **Learning objectives**

- •To understand the requirements and criteria for Checklist 11
- •To recognise that surveillance as an economic activity, thus advance planning is essential to identify and make available the resources (human and financial) needed based on the surveillance design developed in previous steps. In this step, a checklist of field logistics/operational requirements
- •needs to be completed (e.g. surveillance team, diagnostic team, field support team, communication, farms to be visited, work plan and budget).



Surveillance is an economic activity, and in this step, it is essential to plan in advance the resources (human and financial) needed based on the surveillance design developed in previous steps.



### In this step, a checklist of field logistics/operational requirements needs to be completed:

- Field and laboratory teams
  - surveillance team
  - diagnostic team
  - data management team
  - field support team
- Communication
- Farms to be visited



### In this step, a checklist of field logistics/operational requirements needs to be completed:

Work plan and budget

- In addition, awareness raising and consultations concerning the surveillance activity:
  - targeted farmers
  - surveillance team
  - relevant authorities

- •If the surveillance is **project-based**, it has to be reviewed and approved by project proponents.
- •If this is a regular activity of an aquatic animal health program, it has to be approved by concerned authorities.

In both cases, the financial allocation should be provided.



### **Example of a work plan**

	2020				2021									
ACTIVITY	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Field Sampling Schedule														
Sensitization of farmers				20	20	29								14
Pilot test and sampling map														
Field sampling (Pond farms)														
Field sampling (Cage farms)														
Field sampling (Hatcheries)							•							
Questionnaires administration														
Laboratory Work Schedule														
Data analysis (Lab 1)														
Data Analysis (Lab 2)														
Data analysis (Lab 3)														
Update of progress of work			9 9	30										
Data entry and analyses														
Report writing and reporting														
Other training required	98	00 1			68	66						23	50 23	80 80
Training on Data entry and analyses														
Training of farmers on biosecurity														
Training of extension staff of FC				29	79	79								

Activities (indicative)	March	April	May	June	July	Aug	Sept	Oct
Training	X	х						
Finalise surveillance design, workplan and budget		х		X				
Implement plan		X	X	x	X	X	x	X
Organise and training of teams		X	X	x				
Organise materials (field/laboratory checklists/forms, field equipment, etc)		x						
Pilot tests; make revisions (technical, logistics)		X						
Communication to farmers and farmer sensitization		X	x	x	x			
Field work and laboratory tests		Х	Х	х	Х	Х		
Data entry and analysis (FAO)			x	x	x	x		
Feedback to farmers; drawing of risk management						x		
Feedback to CA, national consultation						х		
Progress reporting, preparatory work and attendance to Tilapia Health Conference; publication		х	x	x	x		x	х
Permissive temperature for TiLV		X	х	Х	х	Х		
Active tilapia farming operations (pond, hatchery)		Х	Х	х	х	Х		



Checklist 11	Requirement	Estimated costs
Field materials	Fish samples Transport costs	
Laboratory tests	Level II Level III Consummables	
Field equipment	Water quality, GPS, camera, etc.	
Field teams	<ul><li>Aquaculture specialists</li><li>Aquatic health specialist</li><li>Data management specialist</li><li>Field officer</li></ul>	
Training, meetings and related events		
Communication, publication		
Miscellaneous		
Total costs		





## Thank you for your attention!

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#### TCP/INT/3707:

Strengthening biosecurity (policy and farm level) governance to deal with Tilapia lake virus