

Case definition

- [suspected] A tilapia farming system in which the farmer has observed during the previous and ongoing production cycles sudden mortalities and/or clinical signs such as skin redness/erosions or eyes protrusion/ruptured/cloudiness or abdomen swollen or scale protrusion/loss, attributable to the presence of TiLV (e.g., farmer answer “yes” to the question whether TiLV has occurred or not in the farm of interest).
- [confirmed] Upon the collection of 30 moribund or sick fish samples, TiLV is confirmed by a positive test result using PCR **AND** the detection of histopathological signs of TiLV.

Field visits and sampling plan

- Invitation letter to participate and enroll farms
- Epidemiological Unit: A tilapia farm
- Unit of sampling: A mix of 30 moribund or sick tilapia from ponds at the farm.
- Total number of enrolled and participant farms: 40 to 60 tilapia farms; which should be visited twice (total field visits = 80 to 120, per country - at least 1+ve farm, at 2% Prev).
- 1st and 2nd semesters, 2019 (pre/post hot season?)

Field visits and sampling plan

- Estimated goal for monthly field visits: approx. 3 tilapia farms per week (range of 2 to 4 farms)
- Timeframe of sampling: 8 months, starting in March 2019.
- Sampling proportional for the structure of the industry; only aquaculture settings. Predominant species(?)
- e.g., 20 growth out, 20 hatcheries and 20 cages