

# Tilapia Disease Outbreak Investigation - Version 1.1

**Tilapia Disease Outbreak Investigation: Model template for gathering preliminary information about any reported case of unusual mortalities of farmed and/or wild tilapia in WorldFish program/partner/scaling countries**

FORM VERSION 1.1 – 2019.06.16			
COUNTRY		LOCATION OF REPORTED CASE (VILLAGE, DISTRICT, STATE, GPS)	
FARMED FISH/WILD FISH? <input type="radio"/> Farmed <input type="radio"/> Wild		NAME AND DETAILS OF PERSON/INSTITUTION REPORTING THE CASE (MOBILE NUMBER)	
MONTH, SEASON & YEAR OF OUTBREAK		IF WILD TILAPIA, RELEVANT DESCRIPTIONS OF WATER BODY AND ANY OTHER DETAILS	
IF FARMED, POND/FARM AREA (DECIMAL) <i>km<sup>2</sup></i>	NUMBER OF AFFECTED PONDS OUT OF TOTAL PONDS IN THE FARM (E.G. 1/12)	POND/FARM TYPE (PERNIAL/SEASONAL) <input type="radio"/> Perennial <input type="radio"/> Seasonal	DATE OF STOCKING  yyyy-mm-dd
STRAIN OF TILAPIA (IF KNOWN)		NUMBER OF YEARS POND/FARM USED FOR TILAPIA CULTURE	
TYPE OF FARMING SYSTEM WHERE UNUSUAL MORTALITY IS TAKING PLACE (MONOCULTURE, PLOYCULTURE, CAGE CULTURE, RICE-FISH CULTURE) <input type="radio"/> Monoculture <input type="radio"/> Polyculture <input type="radio"/> Cage culture <input type="radio"/> Rice-fish culture		ANY INFORMATION OF UNUSUAL MORTALITIES IN THE SURROUNDING AREA (YES/NO) <input type="radio"/> Yes <input type="radio"/> No	IF YES, DETAILS
WATER SOURCE		WATER TYPE (FRESH/BRACKISH) <input type="radio"/> Fresh <input type="radio"/> Brackish	
SOURCE OF FINGERLINGS (NAME AND LOCATION OF HATCHERY)		MONOSEX OR MIXED SEX <input type="radio"/> Monosex <input type="radio"/> Mixed sex	
STOCKING NUMBER	FEEDING (YES/NO) <input type="radio"/> Yes <input type="radio"/> No	NATURE OF MORTALITY (SUDDEN & MASSIVE, GRADUALLY INCREASING)	RATE OF MORTALITY (NUMBER OF FISH DEAD DAILY OR WEEKLY)

DURATION OF MORTALITY (MORTALITIES OBSERVED OVER A PERIOD OF FEW DAYS OR FEW WEEKS OR FEW MONTHS?)	TOTAL NUMBER OF FISH LOST	TOTAL WEIGHT OF FISH LOST <i>kg</i>	% OF FISH LOST %
VALUE OF FISH LOST (CONSIDERING FARM GATE PRICE PER KG OF FISH) <i>usd</i>	ESTIMATED TOTAL LOSS (CONSIDERING ALL COSTS-FEED, LABOUR, LEASE, SEED, ETC) <i>usd</i>	DAYS OF CULTURE WHEN MORTALITY STARTED <i>days</i>	SIZE OF AFFECTED FISH <i>cm</i>
PROMINENT CLINICAL SIGNS OBSERVED (USE POSTER TO HELP FARMER)		ANY COMMENTS ON SPREADING FROM POND TO POND OR FARM TO FARM?	
IF POLY CULTURE, NAME OF OTHER SPECIES IN POND/FARM		ANY PREVIOUS HISTORY OF DISEASE IN THE POND/FARM?	
ACTION TAKEN BY THE FARMER (INCLUDING DISPOSAL OF DEAD FISH)			
ANY TREATMENT GIVEN BY THE FARMER AND WHAT IS THE RESPONSE TO TREATMENT?			
ANY SAMPLES COLLECTED FOR DISEASE TESTING AND ANY RESULTS OF TESTING AVAILABLE?			
ANY OTHER INFORMATION OF RELEVANCE?			