

# SOP: Standard Operating Procedure for Tilapia hatcheries

SOP for a productive, high value and market-oriented aquaculture sector.

Standard Operating Procedures (SOPs) provide clear, step-by-step instructions for performing routine tasks in fish farming. They ensure consistent and high-quality operations, covering important areas like daily care, water quality, and fish health management.



**WorldFish**  
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Commodities

Fish

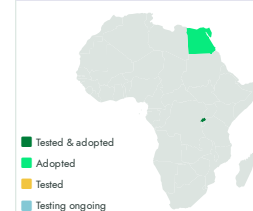
Sustainable Development Goals



Categories

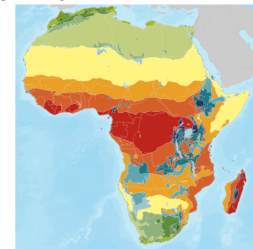
Production, Practices, Water management, Yield improvement

Tested/adopted in



Where it can be used

This technology can be used in the colored agro-ecological zones.



Target groups

Fish Farmers

**!** This technology is **not yet validated**.

9.5



Scaling readiness: idea maturity 9/9; level of use 5/9

Gender assessment

3

Climate impact

2

## Problem

- Low production capacities mainly due to poor management of broodstocks,
- Low survival rates of the produced fries/fingerlings,
- Poor growth rates and others

## Solution

SOPs allows fish farm owners to reduce:

- The likelihood of a disease outbreak,
- Mass fish mortality,
- Significant financial losses due to the loss of fish, and
- SOPs are a useful tool that maintain farm quality standards.

## Key points to design your project

Implementing Standard Operating Procedures (SOPs) for tilapia hatcheries promotes food security, sustainable aquaculture practices, and economic growth.

- To incorporate SOPs into your project, consider:
- Assessing feasibility,
- Developing supportive regulations, and
- Providing training for farmers on broodstock management, water quality, and fish health.



Open source / open access



SOP

<https://taat.africa/zdt>

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