

SOP: Standard Operating Procedure for Tilapia hatcheries

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



WorldFish
Bernadette Tosan Fregene

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.

Warning: This technology is **not yet validated**. Scaling readiness: idea maturity 9/9; level of use 9/9

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

Commodities
Fish

Sustainable Development Goals

Categories
Production, Practices, Water management, Yield improvement

Tested/adopted in

■ Tested & adopted
■ Adopted
■ Tested

Where it can be used

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

Target groups
Fish Farmers



SOP

<https://e-catalogs.taatafrica.org/gov/technologies/sop-standard-operating-procedure-for-tilapia-hatcheries>

Last updated on 11 July 2024, printed on 2 October 2024

Enquiries e-catalogs@taat.africa