

## **GIFT** "Genetically Improved Farmed Tilapia": All Male Tilapia **Fingerlings with Greater Yield** and Uniformity

Greater yield and uniformity in tilapia farming

This technology is **TAAT1 validated** 

· Mixed-sex tilapia culturing often leads to lower

· Manual sex selection at the beginning of the

• Hormonal alteration of fry involves the application

regarding its use in feed and its impact on fish

(Cost: \$\$\$) 100 USD

Stocking rate of 1,000 fish per cubic meter of water

of α-Methyltestosterone, which may pose concerns

yields and non-uniform harvests.

health and the environment.

0.1 USD

Cost of one month mono-sex

fingerlings in Kenya

production cycle is time-consuming.

Gender assessment

Problem

The technology involves predominantly growing male tilapia. This can be achieved through various methods such as manual selection, hormone treatment, or natural techniques. Specifically bred tilapia (GIFT) is recommended for commercial farming.

8.8

Solution

GIFT

300 - 900 g

Weight of male fingerlings stocked in

cages in 5 to 8 months of culture

efficiency.

Climate impact

**7** 

• Utilizing improved lines of tilapia breeds can

and abundant fish seed production.

ROI: \$\$\$

Harvest volume increased

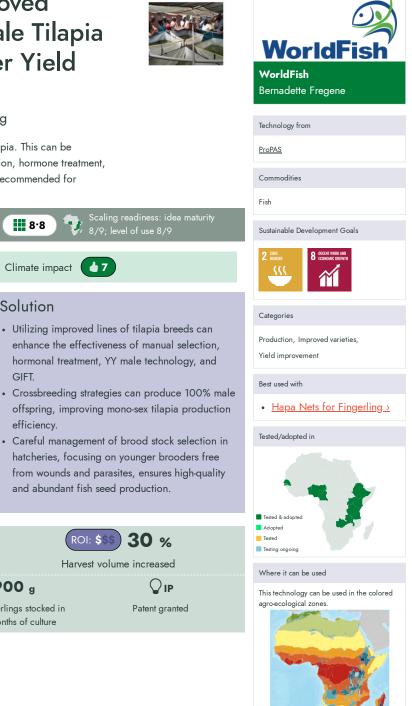
30 %

 $\bigcirc$  IP

Patent granted



Scaling readiness: idea maturity 8/9; level of use 8/9



Target groups

Breeders



GIFT "Genetically Improved Farmed Tilapia" https://e-catalogs.taat-africa.org/org/technologies/gift-genetically-improved-farmed-tilapia-all-male-Last updated on 11 December 2024, printed on 11 December 2024

Enquiries <u>e-catalogs@taat.africa</u>