Genetically Improved Poultry Breeds for Optimized Meat and Egg Production

Enhance Productivity with Resilient, High-Performance Chickens

This technology provides genetically improved chicken breeds for meat (broilers) and egg (layers) production. Developed through selective breeding, they offer higher yields and are distributed through hatcheries, requiring proper management for optimal results.

International Livestock Research Institute (ILRI)
Tadelle Dessie

This technology is TAAT1 validated.

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

Cost: $$$ **Over 1 million USD**

Establishment of a poultry breeding company

IP

Open source / open access

Problem

- Low-quality chicken breeds with poor genetics and susceptibility to diseases.
- Limited meat and egg production in naturally selected local chickens.
- Insufficient management and resources for genetically improved chicken breeds in extensive production systems.

Solution

- The technology enhances genetic traits related to meat and egg production.
- This ensures that only chickens with the desired traits for meat and egg production are selected for breeding.
- By controlling the incubation process, the program ensures that chicks have a higher chance of survival and development.

Key points to design your business plan

The Flock Improvement of Meat and Layer Breeds technology enhances poultry production. To integrate this technology:

- Acquire a breeding and selling license.
- Assess project needs for poultry breeding.
- Ensure access to quality breeding stock and inputs.
- Implement improved breeding practices.

Gender assessment 5

Climate impact 5

Technology from

ProPAS

Commodities

Poultry

Sustainable Development Goals

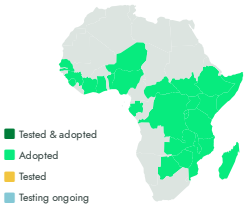
Categories

Production, Practices, Yield improvement

Best used with

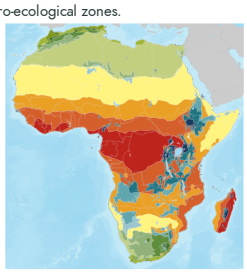
- Semi-Automatic Incubator for artificial hatching ›

Tested/adopted in



Where it can be used

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



Target groups

Breeders