

Special Chicken Breed Dual-Purpose Chicken for Small-Scale Producers

High-Performance Breeding Chicken Breed

The "Dual-Purpose Chicken for Small-Scale Producers" technology focuses on developing and distributing chicken breeds suitable for both high egg production and meat yield. These specialized chickens possess traits like low cost, disease resistance, and efficient feed utilization.



A young farmer rearing improved dual-purpose chickens



International Livestock Research Institute (ILRI)
Tunde Amole

This technology is **TAAT1 validated**.

7·7 Scaling readiness: idea maturity 7/9; level of use 7/9

Gender assessment **4**

Climate impact **6**

Problem

- Low Egg and Meat Productivity in Indigenous Chickens
- High Mortality Rate in Indigenous Chickens
- Limited Performance and Adaptability of Indigenous Breeds
- Challenges in Rearing and Distribution for Small-Scale Farmers
- Need for Adaptation and Regional Adjustments

Solution

- Introduction of dual-purpose chicken breeds addressing low productivity and high mortality.
- Establishment of parent stock farms and hatcheries for consistent supply.
- Distribution through brooder units for proper chick care.
- Enhanced performance in free-range systems with adaptability to local conditions.
- Technical support and empowerment for operators.

Key points to design your project

- Enhances poultry productivity for rural poverty alleviation and food security
- Empowers women, creates jobs, and supports economic growth in rural areas
- Improves poultry industry through innovative breeding and distribution
- Fosters sustainable agriculture and conserves biodiversity
- Requires building infrastructure, acquiring equipment, and estimating costs for integration
- Collaboration with agricultural institutes and consideration of complementary technologies recommended

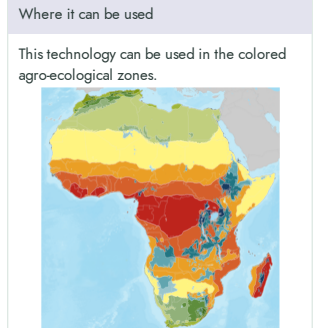
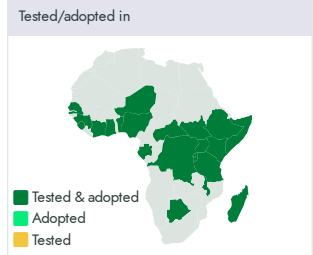
Technology originally documented by
ProPAS

Commodities
Poultry

Sustainable Development Goals

Categories
Production, Improved varieties, Yield improvement

Best used with
• [Artificial Hatching >](#)



930 USD Purchase and rear 1000 birds for five weeks	30 % Per batch in Nigeria
1.5–2.0 kg Weight of chickens in 3 months	120–180 eggs Production by chickens per year
	IP Open source / open access



Special Chicken Breed

<https://e-catalogs.taatafrica.org/gov/technologies/special-chicken-breed-dual-purpose-chicken-for-small-scale-producers>

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Enquiries techs@taat-africa.org