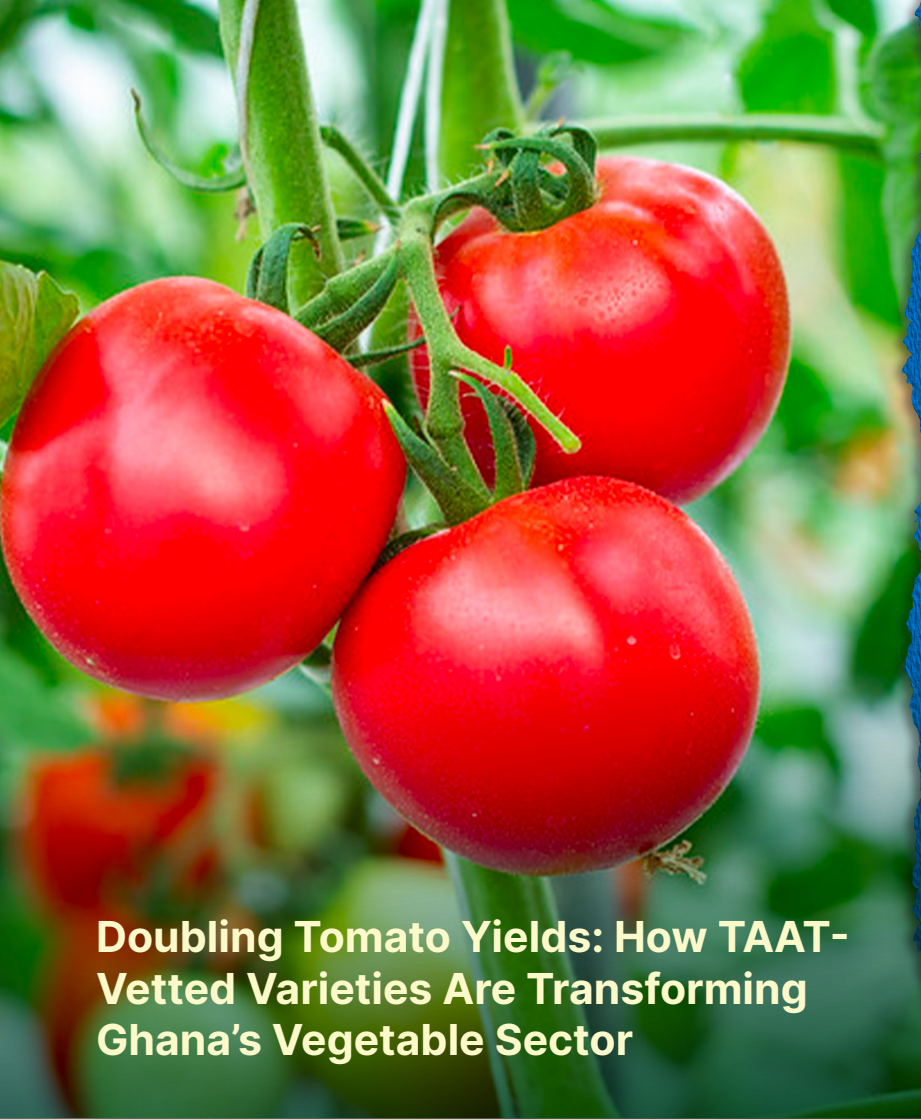




Doubling Tomato Yields: How TAAT-Vetted Varieties Are Transforming Ghana's Vegetable Sector



Achievements at a Glance

- **20 Tonnes per Hectare Achieved**
with TAAT-vetted tomato varieties
- **More Than Double Ghana's National Average**
from 7–10 t/ha to 20 t/ha
- **2 Climate-Smart Tomato Varieties Promoted**
CRI Kwabena and Copia
- **20–50% Post-Harvest Losses Addressed**
through improved shelf life and fruit durability
- **Improved Processing Efficiency**
lower water content reduces processing costs and increases output quality
- **300,000 Metric Tonne Supply Gap Targeted**
through increased domestic production

Doubling Tomato Yields: How TAAT-Vetted Varieties Are Transforming Ghana's Vegetable Sector

Ghana's tomato sector has long faced low productivity, high post-harvest losses, and an annual supply deficit, forcing the country to rely heavily on imports. Through the Technologies for African Agricultural Transformation (TAAT) programme, farmers are now accessing improved tomato varieties that are boosting yields, reducing losses, and creating new opportunities across the vegetable value chain.

Implemented through the TAAT Vegetable Compact in partnership with the CSIR-Crop Research Institute (CSIR-CRI) and the World Vegetable Center,

the initiative introduced two high-performing tomato varieties—CRI Kwabena and Copia—to farmers in Ghana's Volta Region.

Transforming the Tomato Value Chain

The improved varieties combine high productivity, disease tolerance, and extended shelf life, enabling farmers to harvest more while reducing losses during storage and transport.

Processors also benefit from tomatoes with lower water content, improving raw-to-paste conversion efficiency and reducing production costs.

Strengthening Food Security and Agribusiness

With Ghana's annual tomato demand estimated at 800,000 metric tonnes and domestic production ranging between 400,000 and 510,000 metric tonnes, the country faces a significant supply gap.

By scaling high-yielding varieties and strengthening linkages between farmers, seed producers, processors, and markets, TAAT is helping Ghana reduce import dependence while creating new opportunities for agribusiness growth and value addition.

The TAAT Difference

Through partnerships that connect research, seed systems, farmers, and markets, TAAT is accelerating the adoption of climate-smart vegetable technologies that improve productivity, profitability, and resilience.

TAAT Impact: Tomato yields doubled to 20 tonnes per hectare, post-harvest losses reduced, processing efficiency improved, and a pathway was created to close Ghana's 300,000-tonne tomato supply gap.

Scan here
for more



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