



TAAT: Anchoring Kenya's Journey to Maize Self-Sufficiency through Climate-Smart Technologies

Achievements at a Glance

- 818,500 Farmers Reached through certified climate-smart maize seed distribution
- 8,185 Metric Tonnes of Certified Seed Produced and Distributed
- 327,400 Hectares Planted with climate-smart maize technologies
- 1,232 Farmers Directly Engaged through field demonstrations and technology validation events
- 50% Increase in Maize Yields from 1.5 MT/ha to 2.25 MT/ha
- 65% Increase in Farmer Income from US\$300/ha to US\$495/ha
- 11 Seed and Agro-Input Companies Engaged to strengthen seed production, distribution, and market access

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For decades, Kenya's maize production has struggled to keep pace with rising demand due to drought, high input costs, and limited access to improved seed varieties. Through the African Development Bank's Technologies for African Agricultural Transformation (TAAT) programme, Kenya is accelerating its journey toward maize self-sufficiency by scaling climate-smart technologies that increase productivity, incomes, and resilience.

In 2025, the TAAT Maize Compact, led by the African Agricultural Technology Foundation (AATF) in partnership with KALRO, government agencies, seed companies, and farmer organisations, intensified efforts to connect smallholder farmers with improved drought-tolerant maize varieties and Good Agricultural Practices (GAPs).

Transforming Productivity and Resilience

TAAT introduced DroughtTEGO® (WEMA) maize hybrids alongside a package of climate-smart agronomic practices,

including improved fertiliser management, weed control, Fall Armyworm management, mechanisation, post-harvest handling, and aflatoxin mitigation.

Farmers adopting these technologies achieved higher yields, increased incomes, and improved resilience to climate shocks.

Building Sustainable Markets

TAAT strengthened linkages between farmers, input suppliers, grain buyers, agro-processors, and millers, ensuring access to quality inputs and reliable markets. These partnerships are creating jobs, supporting value addition, and enhancing food security across Kenya's maize value chain.

The TAAT Difference

By bringing together research institutions, policymakers, private-sector partners, and farmers, TAAT is transforming maize production from subsistence farming into a commercially viable and climate-resilient enterprise.

TAAT Impact: 818,500 farmers reached, 327,400 hectares planted, 50% higher yields, and 65% more income—advancing Kenya's path toward maize self-sufficiency and food security.

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