

DroughtTEGO: Drought tolerant and high yield maize varieties

Boost yields, and income with advanced maize.

DroughtTEGO is a improved maize hybrid developed as part of the Water Efficient Maize for Africa (WEMA) project. It was created to address the impact of drought, which is exacerbated by climate change. It aims to mitigate the effects of dry spells and low rainfall, which often limit maize production in dryland areas.



Technology from

[ProPAS](#)

Commodities

Maize

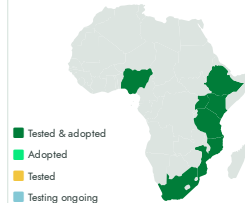
Sustainable Development Goals



Categories

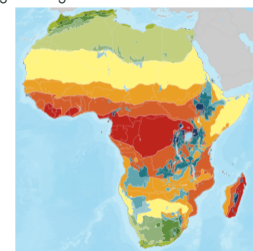
Production, Improved varieties,
Yield improvement, Drought tolerance

Tested/adopted in



Where it can be used

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



Target groups

Farmers, Seed companies



This technology is **TAAT1 validated**.

9-7



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

Cost: \$\$\$ **0.8—1.2 USD/kg**

Seed selling cost

ROI: \$\$\$ **20—35 %**

Yield increased



Trademark

Problem

- Low yield associated with drought resilience in maize cultivation
- Rainfall patterns and water scarcity in agricultural landscapes
- Vulnerability of smallholder farmers to climate change impacts on crop production

Solution

- TEGO, improved maize varieties with enhanced drought tolerance
- Breeding of maize hybrids with high yield (20-35% yield increased) potential under drought stress conditions
- Empowerment of smallholder farmers through access to improved maize varieties and knowledge resources

Key points to design your business plan

This technology is relevant to manufacturers (seed multipliers), resellers, and users.

- To efficiently multiply DroughtTEGO seeds, seed companies need to acquire Foundation or Registered Seed and obtain certificates to propagate
- DroughtTEGO varieties, complying with licensing requirements. Resellers must identify reliable sources for bulk procurement of DroughtTEGO seeds, optimize transportation logistics, and secure suitable storage facilities.
- DroughtTEGO maize varieties offer a transformative solution for farmers. Key partners include sellers of DroughtTEGO maize varieties to promote widespread adoption.

Gender assessment

3

Climate impact

3



DroughtTEGO

<https://taat.africa/jet>

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