

# 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.



**AATF**  
Jonga Munyaradzi

Technology from

ProPAS

Commodities

Maize

Sustainable Development Goals



Categories

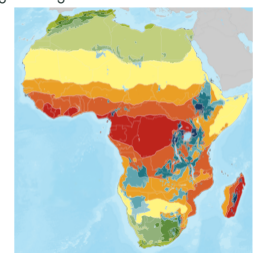
Production, Improved varieties,  
Yield improvement, Drought tolerance

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

Gender assessment 3

Climate impact 3

## 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 project

DroughtTEGO technology is a transformative solution with significant impacts on gender equality, climate resilience, and Sustainable Development Goals (SDGs). To integrate DroughtTEGO technology into your project,

- Identify suitable varieties,
- Conduct awareness campaigns,
- Ensure access to seeds and financial support,
- Estimate seed requirements, allocating resources for training, developing communication materials,

Cost: **0.8—1.2 USD/kg**

Seed selling cost

ROI: **20—35 %**

Yield increased



Trademark



## DroughtTEGO

<https://e-catalogs.taatafrica.org/gov/technologies/droughttego-drought-tolerant-and-high-yield-maize-varieties>

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Enquiries [e-catalogs@taat.africa](mailto:e-catalogs@taat.africa)