



Technologies for African
Agricultural Transformation



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TAAT Technology: WEMA DroughtTEGO Maize Hybrids



Problems Solved and Benefits

- DroughtTEGO maize hybrids are now available that ensure satisfactory grain yields under moderate drought conditions. Conventional breeding techniques were used by the WEMA partnership coordinated by AATF to make drought tolerant maize hybrids that are adapted to specific conditions in growing areas, especially mid-altitude agro-ecologies
- The DroughtTEGO seed based technology is a valuable asset for mitigating the impact of dry spells and low rainfall which are limiting dryland maize production more frequently occasioned by climate change; and it has widely been shown to increase productivity, improve yield stability, and reduce the risk of complete crop failure in maize production zones of Sub-Saharan Africa

Yield increase

High maize grain yields are achievable in different countries at mid-altitudes with DroughtTEGO hybrids and using recommended good agricultural practices (GAPs):

- 3 – 5t/ha under moderate drought
- 7 – 12t/ha under optimum rainfall conditions

Geography Coverage

- DroughtTEGO hybrids are adapted to mid-altitude agro-ecologies in Sub-Saharan Africa
- To date, the hybrids have been licensed to seed companies in Kenya, Uganda, Tanzania, Mozambique, South Africa, Zambia, Nigeria and Burkina Faso

Seed Production

- DroughtTEGO hybrids are adapted to mid-altitude agro-ecologies
- Both single-cross and 3-way hybrids are available
- Highly productive female parents with seed yield potential of above 4.5t/ha

Access to DroughtTEGO Maize Hybrids By Seed Companies

Seed companies apply for a license agreement from AATF to:

1. Test the hybrids and officially register adaptable ones (Testing license)
 2. Commercialize (seed production & marketing) hybrids already registered by AATF
- DroughtTEGO hybrids are licensed royalty free
 - Both Non-exclusive and exclusive licenses available
 - WEMA Application Review Committee – reviews all applications for hybrids before a license agreement is issued

For more information on DroughtTEGO hybrids contact:

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