

Introduction

- In Mozambique, 3 breeding programs are part of this initiative, namely: sorghum/millet, pigeonpea and groundnut
- Both breeding programs went through an assessment
- Both programs held meetings with different stakeholders for:
 - product profile design
 - Market segment identification
 - Define and prioritize traits of interest

Challenge

- Lack of irrigation system .
- Unavailability of greenhouse
- Lack of seed storage facilities.
- Lack of data handling gadgets.
- Lack of Transport to monitor multi-site trials (eg (TRICOT, on-farm trials).
- Low knowledge on modern field data collection and management.

Solutions

- Through Crop to End Hunger (CtEH) project, Groundnut program got:
 - 1.5ha with irrigation system
 - 1 seed storage
 - 1 greenhouse
- Training on:
 - BMS
 - Experimental design
 - Experiment layout and data collection
- Allocated some tablets for data collection



Title: Breeding Process or capacity improvement conducted during 2024 in Mozambique

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Key messages

- **Collaboration is the key for success**



Current implementation status



Storage construction at Lichinga research station



Greenhouse construction at Lichinga research Station

What are your plans to sustain?

- Training on trial management
- BMS capacity building workshop including field book training
- Training on molecular techniques in plant breeding
- Training on Tricot
- Training on making crosses (for junior technicians)
- Short term training for scientists

Acknowledgements

Supported by

BILL & MELINDA GATES foundation



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