

# COMMERCIALIZING CLEAN CASSAVA PLANTING MATERIAL DELIVERY SYSTEM IN UGANDA

CASSAVA SEED SYSTEM, CSS, PROJECT



## *Improving access to clean cassava planting materials for better livelihoods*

### **About the Project**

The CSS project funded by the Bill & Melinda Gates Foundation, was conceived to drive establishment of a functional cassava seed system to efficiently regulate the production and dissemination of quality cassava planting materials in Uganda. It aims at improving food security and livelihoods of the smallholder farmer through timely and cost effective access to disease-free cassava planting material.

Productivity of cassava is greatly constrained by diseases notably Cassava Mosaic Disease and Cassava Brown Streak Disease that accumulate and are disseminated during the cycles of vegetative propagation. Sustainable production can be highly increased through the use of planting materials that have been cleaned of viruses.

### **Areas of Operation**

Arua, Lira, Nakasongola/Nakaseke, Mukono, Kabalore/Kamwenge and Soroti districts

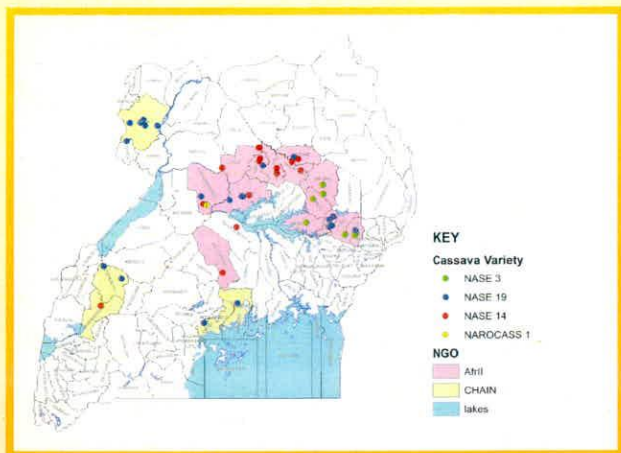
### **Project Objectives**

- ▶ To enhance production of cassava pre-basic and basic seeds.
- ▶ To operationalize quality assurance of cassava planting material production.
- ▶ To commercialize quality declared cassava planting material production.
- ▶ To determine the economic viability of cassava seed system.
- ▶ To assess rate and magnitude of degeneration of cassava due to virus infection.

### **Key Project Targets**

At the end of the project we expect to have established at least 60 seed entrepreneurs and hope to have reached at least 4,000 smallholder cassava farmers. This will serve atleast the six major cassava production districts of Arua, Lira, Nakasongola/Nakaseke, Mukono, Kabalore/Kamwenge and Soroti in Uganda.

## Distribution of Basic and Certified seed production sites



## We work to ensure;

- Increased production and access to good quality pre-basic and basic seed
- Standardized and functional cassava seed certification scheme is developed
- Capacity of cassava entrepreneurs is enhanced for profitable production and distribution of quality cassava seed

One of the varieties currently under production include **NAROCASS 1**



## Varieties currently under promotion

| VARIETY          | ATTRIBUTES                                                                                                                                 |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NASE14</b>    | Matures in 12 months Sweet & Mealy<br>High yielding-23-33tn per hectare<br>CMD resistant and CBSD tolerant                                 |
| <b>NASE19</b>    | Matures in 12 months Sweet & Mealy<br>High yielding-18-28tn per hectare<br>CMD resistant and CBSD tolerant                                 |
| <b>NAROCASS1</b> | Tolerant to Cassava Mosaic and Cassava Brown Streak High yielding-above 25tn per hectare Matures in 12 months Dry matter content above 20% |



One of the happy small scale cassava processor displays her cassava derived food products in Kampala, Uganda

## Our key partners & collaborators

CSS activities are led by National Crops Resources Research Institute (NaCRRI), under the coordination and guidance of the National Agricultural Research Organisation (NARO). NaCRRI works with:



Africa Innovations Institute



### Contact Us

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