



■ **Pre-hardening** tissue culture plantlets at Maruku (credit S. Namanda)

- Training for DVMs and farmers on how to maintain vine quality longer, and conserve vines during the dry season,
- Communication products to increase awareness of the benefits of using disease-free planting material, the benefits of OFSP varieties and where quality vines can be obtained.

❖ **How are we making it happen?**

We are testing two distribution models in order to understand which is more cost effective and sustainable. The first model, which has been implemented to date, uses DVMs, who supply their communities with quality vines in exchange for vouchers. The second model, to be implemented in October 2011, will use existing community based groups for the mass dissemination of vines.

Coordinated implementation is critical for success. CRS is the in-country lead, working with BRAC, Kimkumaka, RUDDO, TAHEA and local government extension services to support the training and establishment of DVMs. For the second model: CRS is working with the DOS, MRHP, and MFEC to use Savings and Internal Loans Communities (SILC) and other groups as an entry point for the mass dissemination of quality sweetpotato planting material. Research input and multiplication of primary material is being provided by LZARDI researchers based at Ukiriguru and Maruku. Mikocheni Agriculture Research Institute (MARI) is providing back up for sweetpotato virus testing.

Another key component of the work is to increase awareness about the potential benefits of sweetpotato. These include its food security and nutritional benefits (particularly OFSP), its income-generation potential, and the yield benefits from planting clean planting material. HKI is bringing its expertise in communication to the project.

❖ **Where are we working?**

The project is working in the Mwanza, Mara, Kagera and Shinyanga Regions of Lake Zone, Tanzania. The DVM model will be implemented in twelve districts: Mwanza City, Magu, Sengerema, Geita, Biharamulo, Chato, Bukombe, Muleba, Bunda, Ukerewe, Misungwi and Musoma Rural. The mass dissemination model will be implemented in four districts: Masawa, Kwimba, Tarime, and Rorya.

❖ **What have we accomplished so far?**

To date:

- Over 35,000 virus-free tissue culture plantlets were used to establish foundation and primary multiplication sites.
- A baseline study covering 640 households was conducted in September 2010.
- 27 DVMs have been established.
- Over 10,000 households have received quality vines (February-May 2011).
- 73% of the vine recipients have been women.

At the outset we knew that women are the primary sweetpotato growers. We learned, however, that our initial selection criteria for DVMs were biased against women (i.e. requirements for land, access to irrigation and literacy for record keeping). By working with women's groups, the project has managed to increase women's participation in vine multiplication from around 50% in the first group of DVMs to 70% in the second group of DVMs.

❖ **What's next?**

Preparations are underway so that by September 2011, a total of 83 DVMs will be ready to serve their communities with quality vines, backed up by training, communication materials and activities. We are expecting to reach 66,400 households using the DVM approach and 45,000 households through mass multiplication from September through November 2011, with the remaining 29,000 households obtaining vines in 2012.

CONTACTS

Amsalu G. Melka
Amsalu.Gebreselassie@crs.org

Sam Namanda
s.namanda@cgiar.org

Margaret McEwan
M.McEwan@cgiar.org