



**Sustainable
sweetpotato pre-basic
seed production Y3
Annual Report: June
2016 – May 2017**

SASHA

Sweetpotato Action for
Security and Health in Africa

Name, institution
Sweetpotato Seed Systems Community of Practice: 7th
Consultation- Sustainable Pre-basic Seed Production – SGA
Progress Review. Mukono Uganda 12th June

Production: Capacity

Period: current status at end of Y3 (May 31, 2017)

Facilities	No. units	Irrigation (Y/N)	Total m ²	Method (poly, pot, bench/trough, open)	RMT/ Conventional	Total no. of plants	Multiplication Rate
Screen house	Cutting	Y	3.375	Trough		3.375	10-15 plants
Mobile net tunnels	NA	NA	NA	NA		NA	NA
Open field multiplication	Cuttings of 30 cm	Y	30.000 & 2000	Open	Conventional and rapid multiplication	About 60.000 plants CM & 90.000 plants RM	10 – 15 plants
Basic seed multipliers	Cuttings of 30 cm	Y	30.000 & 2000	Open	Conventional and rapid multiplication	About 60.000 plants CM & 90.000 plants RM	10 – 15 plants

Production: targets vs actuals?



Names of varieties under pre-basic multiplication:

Period: **June 2016 – May 2017**

Activities	Unit (& size)	Planned No. (June 16 – May 17)	Achieved (June 16 – May 17)	% achievement
TC initiation	Plantlets	CIP	NA	NA
TC micro-propagation	Plantlets	CIP	NA	NA
Hardening	Plants	CIP	NA	NA
Screen house multiplication	Cuttings	Was not planted due to drought	Planted in April	
Mobile net tunnel multiplication	Cuttings	NA	NA	NA
Open field multiplication	Cuttings	1.523.053	3.010.240	197%

Comments on production targets



- Actions taken during year 3 to increase multiplication rates:
 - After the first cutting we continue irrigating and fertilizing;
 - Control of weeds soon after planting;
 - Control pests and diseases
 - Efficient irrigation system & correct/right application of fertilizer at the right time;
- Actions taken during year 3 to reduce costs of production:
 - High density planting;
 - Replanting in case of no plant establishment;
 - Site selection for open field (Low land, near to river for irrigation);
- Key challenges for year 3:
 - Cyclic and severe drought that occurred in southern Mozambique affected the activities
- Lessons to share for year 3:
 - E.g. During our planning, instead of multiplying SP vines only for the raining season, we have also to establish multiplication fields for dry season. So far, there are NGOs and other people looking for vines.

Quality management: June 2016- May 2017



- Seed standards and inspection protocol
 - Current status:
 - ✓ The procedures for field inspection and standard of multiplication fields were concluded;
 - Are external inspections being conducted for field multiplication
 - ✓ An internal inspections was conducted by the CIP in 2 locations (Umbeluzi & Chokwe)

Stakeholder meetings: June 2016 – May 2017, and planned



Date of meeting held	No. participants (M/F)	Types of participant	Main topics	Follow up actions
November 17	6 (4 M & 2 F)	IIAM staff, technicians	Revolving fund report & planning	
December 10	5 (4 M & 1 F)	Draft the protocol	Crop inspection & field standards	Concluded & submitted
Planned meetings (June 17 – May 18)				
Proposed Date	No. participants	Types of participants	Main topics	Proposed budget
July 2017	15	IIAM staff, CIP, technicians, NGOs	Planning the orders running season	

Training – in-country (June 16 – May 2017)



Date	Topic	No. participants (M/F)	Training materials available	Comments
October	Multiplication open fields (practical)	5 (4M & 1 F)	- Planting material; - Fertilizer; - Pesticides	3 new technicians were in job trained
21/11/16	Identification of virus in the fields	4 (4M & 1 F)	- Planting material	Conducted for seed department technician

Planned for June 2017 – May 2018

Date	Topic	No. participants (M/F)	Training materials available	Proposed budget
02/08/17	- Practical on SP inspection for seed department	10 (7 M & 3)	- Planting material - Manual	1.500 USD
04/09/17	- Multiplication of SP seeds	5 (4M & 1 F)	- Planting material; - Fertilizer & pesticides; - Training manual	1.500 USD

June 17 - May 2018: key areas for strengthening performance of bizplan



- Technical
 - Ensure high quality planting material;
 - Training on seed inspection;
 - Ensure appropriate area for the production of sweetpotato seed;
- Institutional
 - Get approval the seed standards and inspection protocol;
 - Training new staff implementing the activities;
 - Bureaucracy to solve important issues, including approval office documents;
- Financial
 - Have the actual price of the sale of sweetpotato vines based on the real data collected in the field;
 - Use of rotation funds for seed activities.

2 BEST PHOTOS



Maria Siteo after receiving vines in
Chibuto, 10/01/2017



Promoting OFSP at USAID Office,
USAID Staff, Maputo