



**Sustainable
sweetpotato pre-basic
seed production Y4
Mid Year Report: June
2017 – November 2017**

SASHA

Sweetpotato Action for
Security and Health in Africa

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Sweetpotato Seed Systems Community of
Practice: 8th Consultation- Sustainable Pre-
basic Seed Production – SGA Progress Review
Nairobi, Kenya 21-22 November 2017

Production: capacities

Period: current status at mid year 4 (Nov. 2017)

Facilities	No. units	Irrigation (Y/N)	Total m ²	Method (poly, pot, bench/trough, open)	RMT/Conventional	Total no. of plants	Multiplication Rate/1 harvest
Screen house	KB 3, Uk 3, Uy 1	Y	KB 675 Uk 360 Uy 361	KB-T, O Uk-O Uy-T	RMT	KB-7300 Uk-9467 Uy-7000	KB-1:6 Uk-1:4 Uy-1.5
Mobile net tunnels							
Open field multiplication	Kb-1 Uk-1	Y	Kb-1202 Uk-4800	Open	RMT	Kb-500 Uk-54,857	Kb-1:4 Uk-1
Basic seed multipliers					Fast track		

Production: targets vs actuals?

Stage	Activities	Unit (& size)	Planned no. (for period: June - December 2017)	Achieved: June - November 2017	% achievement
1	TC initiation	Plantlets			
	TC micro-propagation	Plantlets			
2	Hardening	Plants			
3	Screen house multiplication	Cuttings	Kb-24600 Uk-21388 Uy- 18000	Kb-12756 Uk-15465 Uy-42996	Kb-52 Uk-72 Uy-239
	Mobile net tunnel multiplication	Cuttings			
4	Open field multiplication	Cuttings	Kb-7720 Uk-101,113	Kb-7020 Uk-13234	Kb-91 Uk-13

Use of business plan tools



- Is your multiplication calendar on track
 - All partners are on track except Ukiriguru who are behind due to virus which forced them to rogue
- What changes will you make to your multiplication calendar for the next 6 months?
 - For Ukiriguru need to reduce the multiplication targets

Use of business plan tools



- What was your pricing strategy
 - Pre-basic price: (for 3-node cutting?) Tsh 90-100/=
 - Basic price: Tsh 45-50/=
- Any deviation and why
 - Price changed from Tsh 25 to Tsh 90-100 due to available cost data
 - Uyole PB from Tsh 25 to Tsh 50/=
- What is your profit margin? Not yet
- Do you need to change your pricing strategy? If so how?
 - Yes, Ukiriguru real cost is Tsh 40/=
 - Yes, after getting all fixed cost for Kibaha

Use of business plan tools



- What were your marketing activities:
 - A: DVMs workshops/sensitization meetings, FFD
 - B: Nanenane Agric, shows-August 2017)
 - C Meeting exhibitions (SPHI, TAWLAE).
 - D Radio and Tv broadcasting
- Which marketing activity bought most orders?
 - Nanenane, exhibition
- Do you need to change your marketing strategy? If so how?
 - Distribution of awareness materials such as wheelcovers in order to cover large area and reach many people

Use of revolving fund



Description	Local currency or US\$
<i>a. Balance of Revolving Fund bought forward from May 2017</i>	Kb-3,937,450 Uk-1,067300 Uy-243000
<i>b. Gross income for this reporting period: June to November 2017</i>	Kb-1,954,375/= Uk-288000/= Uy-1,602,000/=
<i>c. Total disbursements towards seed production activities: June to November 2017</i>	Kb-0 Uk-915,000 Uy-0
<i>d. Other costs met from the revolving fund:</i>	Kb-1,313875/= Uk-35,000/= Uy-504,000
<i>e. Balance of funds at end of reporting period available to be carried forward to the next reporting period</i>	Kb-4,577950/= Uk-405,300/= Uy-1,341,000/=

US\$ exchange rate: \$1=Tsh 2200

Explain any challenges for the revolving fund

Customer order book: future requirements



Customer name	December 2017 – May 2018		Comments
	Quantity Ordered	Advance payment?	
DAICO-Kibaha Mji	Not yet	Not yet	Some DAICOs have budget for nutrition
DAICO-Kibaha Vijijini	Not yet	Not yet	-//-
DAICO-Chalinze	Not yet	Not yet	-//-
DAICO-Bagamoyo	Not yet	Not yet	-//-
RUVU -JKT	Not yet	Not yet	-//-
DAICO-Kisarawe	Not yet	Not yet	-//-
DAICO-Kibaha Mji	Not yet	Not yet	-//-
DAICO-Temeke	Not yet	Not yet	-//-

Comments on production targets



- Actions taken during year 4 to increase multiplication rates:
 - E.g. To start multiplication using two node cutting for rapid multiplication
- Actions taken during year 4 to reduce costs of production:
 - E.g. Combine activities to minimize labour cost
- Key challenges for year 4:
 - E.g. Most of seed multipliers have no access to water sources/irrigation facilities
- Lessons to share for year 4:
 - E.g. Joint efforts with other projects, we established and launched official country sweetpotato platform for advocacy. 101 members

Quality management: June November 2017



- Number of varieties under multiplication: Uk-4, Uy-3, Kb- 6
- What new varieties have been introduced in Y4? None
- What new varieties will be added during remaining of Y4?
 - Possibly Bella and Clean Kiegea if will be available
- No. varieties tested over June – Nov 17 and results
 - Only six month old SRI, Others will test in March
- Seed standards and inspection protocol
 - Current status: Use of TOSCI protocol
 - Are external inspections being conducted for field multiplication- No Inspection, Multipliers need to be inspected and pay to TOSCI and pay. this time

Stakeholder meetings: June 2017 – Nov 2017. and planned



Date of meeting held	No. participants (M/F)	Types of participant	Main topics	Follow up actions
KB -7/11/2017	11M 10F	DAICO, Major root growers NGOs Projects	OFSP and Clean planting materials, Estimate needs for planting materials	We agreed they will submit application to SRI Latest Mid December 2017
-10/08/2017	43%M 57%F	DAICO, farmers, consumers, journalists from Tv and newspaper, and extension staffs	Importance of OFSP, clean vines	DAICO established farmer group for seed multiplication
Uy-13.09.2017	17 M 12 F	Researchers, Ext staffs, farmers,(seed and roots) procesors and Media (TV and Radio)- Channel ten, ITV and Radio Maria	Clean seed multiplication	The district councils to consider relocating funds for seed system , capacity building to dvms and farmer groups producing roots

Planned meetings (Dec 17 – May 18)

Proposed Date	No. participant	Types of participants	Main topics	Proposed budget
Uk- 30 Jan, 2018	UK-35	Multipliers, NGOs, DAICOs, SP Scientists, Media houses and TOSCI	QDS seed inspection, Marketing of pre basic and basic seed	US\$ 1350 (approx. US\$ 50 per participant)

Training – in-country (June Nov 2017)



Date	Topic	No. participants (M/F)	Training materials available	Comments
KB-17/11/2017	Import of OFSP, pests and diseases, TOSCI inspection protocol	10M 10F	Leaflets Presentations	Main facilitator was from TOSCI

Planned for Dec 2017 – May 2018

Date	Topic	No. participants (M/F)	Training materials available	Proposed budget
UK-31/1/18	Introduction to QDS production and Vine as a business	21(13/8)	QDS protocol, SP Vine business booklet (from Fast Track Project)	US\$ 1050(approx. US\$ 50 per participant)
UY-3/18	Clean seed multiplication	20	Leaflets, posters	\$ 500 need to add from RF

Marketing strategy: June 2017 – May 2018



	Target group	Message & activity	Time period	Channel/s	Responsible	Proposed budget(\$)	Indicator of success
1.	Root Producers Multipliers, consumers, NGOs	Invest in quality seed for improved productivity	Feb 2018	OFSP exhibition	Project leader for zone, Scientist, Economist Accountant	13565	Increase in consumer and OFSP growers
2.	Root Producers , consumers,	Source quality seed from screen house for more yield	Nov2017,	OFSP Shop signboards	Project leader, Scientist, Economists Accountant	500	Availability of OFSP increase and known
3	Root Producers Multipliers, consumers,	-Importance of OFSP, contacts for Source of seeds, roots, -	-Dec. 2017 Jan- August 2018	Printed wheel covers	Project leader, Scientist, Economists Accountant	1875	Increase demand for clean materials, roots and products

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



- Technical
 - Problem of mites we do pruning and spray using **Abamectin**
- Institutional
 -
- Financial
 - Regular review of vine costing
 - Resources (fund) to carry out marketing activities (i.e. radio scripts, publication of extension materials , eg flayers, posters, etc

2 BEST PHOTOS



- Activity: Estimate number of cuttings per vine
- Location and Date: SRI-Kibaha, 7/11/2017
- Persons: DAICOs and Mary Ndomba
- Credit: Ambilikile

2 BEST PHOTOS



Activity: Use of traps to control insect

Location and date: Ukiriguru , August, 2017

Name of person in photo: Rahila Amour (inspecting insect movement)

Photo credit: Lembris Laizer