



**Sustainable  
sweetpotato pre-basic  
seed production Y4  
Year End Report: June  
2017 – May 2018**

**SASHA**

**Sweetpotato** Action for  
Security and Health in Africa

**Name: NESSIE LUAMBANO**  
**Institution: SRI, Kibaha-Tanzania**  
**Sweetpotato Seed Systems Community of  
Practice: 9th Consultation- Sustainable Pre-  
basic Seed Production – SGA**

# Production: capacities

Period: current status at end Year 4 (May 2018)

Facilities	No. units	Irrigation (Y/N)	Total m <sup>2</sup>	% of capacity utilized for production	Status of facility: good, average, poor	Planned rehabilitation? If yes, when
Screen house	KB 3, Uk 3, Uy 1	Y Y Y	KB- 675 Uk -360 Uy- 361	80 % 80% 90%	good	No
Mobile net tunnels						
Open field multiplication	Kb-1 Uk-1	Y	Kb-1202 Uk-4800	90 % 50%	good	No
Basic seed multipliers						

# Production & Sales: targets vs actuals? June 17 – May 18

Activities	Production target (No.)	Production achieved (No.)	Revenue target (local currency)	Revenue Achieved (local currency)
<b>TC micro-propagation plantlets</b>				
<b>Pre- basic cuttings</b>	KB-18,000	20,200	1,620,000	1,818,000
	UK-27,845	38,450	1,531,475	1,922,500
	UY-24,000	21,533	1,200,000	1,076,650
<b>Basic cuttings</b>				
<b>Open field multiplication</b>	KB-10,020	29,460	501,000	1,473,000
	UK-18,498	17,679	924,900	883,950
	UY- None	None	None	None

# Comments on production targets



- Actions taken during year 4 to increase multiplication rates:
  - E.g. Rapid multiplication using two node cuttings
- 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
  - Diseases ( sweetpotato scab??, erinose, virus)
- Lessons to share for year 4:
  - E.g. Seed demand depends on weather condition e.g this year we had high demand due to enough rains



- Is your multiplication calendar on track
  - Yes all partners are on track except Ukiriguru who are behind due to virus which forced them to rogue open field
  - Customer seed requirements within last season were high and people are aware of quality seeds
- What changes will you make to your multiplication calendar for the next 6 months? KB, UY, UK.
  - For Ukiriguru need to remove multiplication targets from open field

# Use of business plan tools



- Have your production costs changed?
  - Yes production cost is low to 15% as we have managed to combine activities in order to save labour costs
  - 15% change in break even cost:
- What is current pricing strategy (for 3-node cutting)
  - Pre-basic: 100, 90 & 55
  - Basic price: 45 -50 Tsh
- Will you adjust your prices to reflect changes in production costs or market competition?
  - Uyole: Yes will change from 100 to 50 but they will increase slowly based on demand

# Use of revolving fund



Description	Local currency or US\$
<i>a. Balance of Revolving Fund bought forward from May 2017</i>	Kb – 1,284,950/= Ukir- 1,332,300/= Uyl- 1,117,600/=
<i>b. Gross income for this reporting period: June 2017 to May 2018</i>	Kb - 3,676,200/= Uk- 1, 310,000/= Uyl- 1,117,600/=
<i>c. Total disbursements towards seed production activities: June 2017 to May 2018</i>	Kb – 2,380,000/= Uk - 1,173,000/= Uyl- 300,000/=
<i>d. Other costs met from the revolving fund:</i>	Kb – 2,380,000/= Uk- 1,490,000/= Uyl- 300,000/=
<i>e. Balance of funds at end of reporting period available to be carried forward to the next reporting period</i> US\$ exchange rate: \$1=Tsh 2200	Kb – 3,676,200/= Uk- 467,300/= Uyl- 817,600/=

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	4444	No	Paid on 26/01/2018
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	-//-
Mboga na Matunda	8000		Paid on 8/12/2017
Mboga na Matunda	7000	No	Paid on 16/01/2018



# Quality management: June 2017 - May 2018



- Number of varieties under multiplication: KB- 6, UY-5 , UK-7
- What additional varieties have been introduced in Y4? NO
- What new varieties are in release pipeline & will be multiplied in Y5? NO
- No. varieties tested over June 17 – May 18, method, & results (None)
  - Variety:.....Nil.....result:.....
  - Variety:.....Nil.....result:.....
  - Variety:.....Nil.....result:.....
- Seed standards and inspection protocol
  - In Tanzania we have approved standard used by TOSCI
- Are external inspections being conducted for field multiplication. Yes
  - Also, experts from TOSCI conducted training to the multipliers

# Stakeholder meetings: June 2017 – May 2018. 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
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)

## Planned meetings (Dec 17 – May 18)

Proposed Date	No. participan	Types of participants	Main topics	Proposed budget

# Training – in-country (June 18-Dec 2018)



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
UK-31/1/18	Introduction to QDS production and Vine as a business	21M 13F	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

## Planned meetings (June 18 – Dec 18)

Date	Topic	No. participants (M/F)	Training materials available	Proposed budget

# June 18 - Dec 2018: key areas for strengthening performance of bizplan



- Technical
  - Filling of vines data on multiplication calendar
  - Follow-up on planned and achieved
- Institutional
- Financial
  - Regular review of vine costing
  - Utilize more RF for marketing activities



# 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