

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



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
Screen house	3	N	480	pot	Conventional	1360	5
Mobile net tunnels	1	N	5.4	open	RMT	270	10
Open field multiplication	0	0.	0	0		0	0
Basic seed multipliers	0	0	0	0	0	0	0

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	200	560	280
3	Screen house multiplication	Cuttings	2040	1360	66.7
	Mobile net tunnel multiplication	Cuttings	0	2700	
4	Open field multiplication	Cuttings			

Use of business plan tools



- Is your multiplication calendar on track
 - What deviation and why
 - Yes, though there was a deviation of 680 plants from the proposed target due to delay in start up time and initial vine established failure.
- What changes will you make to your multiplication calendar for the next 6 months?

We will ensure continued update to ensure a true representative of the actual target.

- What was your pricing strategy
 - Pre-basic price: (for 3-node cutting)- estimated from cost and returns analyses to ensure that the multipliers are not worse off and should be able to make profit at this rate-N5/cutting
 - Basic price:- the same apply to this at N3/cutting
- Any deviation and why-None
- What is your profit margin?- 66.01%
- Do you need to change your pricing strategy? If so how? YES, by increasing the production capacity and reducing cost we hope to increase profit margin

Use of business plan tools



- What were your marketing activities:
 - A. policy implementation- school feeding programme
 - B. Jingles- through radio.
 - C. Branded T-shirts for promotion
 - D. Advocacy visit to communities, schools, etc
 - E. Field day
- Which marketing activity bought most orders?
 - School feeding programme
- Do you need to change your marketing strategy? If so how?
 - - yes, develop the capacity building of more DVMs in the country,
 - - organise field day showing the potential of quality vine on yield

Use of revolving fund



Description	Local currency or US\$
<i>a. Balance of Revolving Fund bought forward from May 2017</i>	N55,000
<i>b. Gross income for this reporting period: June to November 2017</i> Gross income from Iresi out station	N30,500 15000
<i>c. Total disbursements towards seed production activities: June to November 2017</i> Total disbursement for Iresi	0 15000
<i>d. Other costs met from the revolving fund:</i>	0.00
<i>e. Balance of funds at end of reporting period available to be carried forward to the next reporting period</i>	N85,500

US\$ exchange rate: N315= 1USD

Explain any- challenges for the revolving fund – Iresi did not remit . Some DVMs’ reliance on their initial starter materials and not replenishing on annual basis

Customer order book: future requirements



Customer name	December 2017 – May 2018		Comments
	Quantity Ordered	Advance payment?	
Kolping Socitety Nig. Umuahia chapter	890 cuttings	No	5% of our total production
Abia State Farmers Association	3560 cuttings	„	20%
JPDC (Justice and Peace Development Centre)	890	„	5%
DVMs group in Osun state	5340	No	30%
OYES Osun State	7120	No	40%

Comments on production targets



- Actions taken during year 4 to increase multiplication rates:
 - Reducing the apical dormancy to increase more lateral shoots (proposed)
- Actions taken during year 4 to reduce costs of production:
 - made efficient use of available labour and facilities
- Key challenges for year 4:
 - E.g. Delay in procuring starter materials (pathogen tested from outside facility) alters the multiplication calendar and affect production targets:
 - E.g. Suboptimal tissue culture lab and screen screen house affected sub-culturing and hardening large number of plantlets

Quality management: June November 2017



- Number of varieties under multiplication- :2
- What new varieties have been introduced in Y4? 5 pathogen tested, 20 cuttings each
 - Naspot 12, 11 & 8, Sumaia and Delvia
- What new varieties will be added during remaining of Y4? Namanga, Irene, KingJ, Solo Gold

Any promising new variety released (on course to be released December, 2017)

- No. varieties tested over June – Nov 17 and results: Nil
 - Variety:.....result:.....
 - Variety:.....result:.....
 - Variety:.....result:.....
- Seed standards and inspection protocol
 - Current status: Still under review, the modified copy have been sent back to NASC.
 - Are external inspections being conducted for field multiplication. No

Stakeholder meetings: June 2017 – Nov 2017, and planned



Date of meeting held	No. participants (M/F)	Types of participant	Main topics	Follow up actions
Planned meetings (Dec 17 – May 18)				
Proposed Date	No. participants	Types of participants	Main topics	Proposed budget
Nov./December 2017	25	Local inspectors, DVMs, NGOs, public organization (ADPs Research, University	Overview of SASHA project SP seed certification Identification of areas of collaboration between partners	N180000/\$571.42

Training – in-country (June Nov 2017)



Date	Topic	No. participants (M/F)	Training materials available	Comments
13/7/17	Techniques in quality seed production	25 16M/9F	Yes	Successful
9/11/17	Sweetpotato Field Day	50 (40M/10F)	OFSP hand bills	Field day was successful

Planned for Dec 2017 – May 2018

Date	Topic	No. participants (M/F)	Training materials available	Proposed budget
Feb.2018	Variety and diseases identification on sweetpotato, criteria for producing quality seeds, proper labeling	10	Contexts are under development	N424000/\$1346.00
March.2018	Techniques and innovations in quality vine production and marketing	20	Contexts are under development	N210000/\$666.7

Marketing strategy: June 2017 – May 2018



	Target group	Message & activity	Time period	Channel/s	Responsible	Proposed budget	Indicator of success
1.	Commercial growers (NGO)-Basic seeds	New varieties with quality vine cuttings and high yielding	Nov-Jan.	Demo plots	NRCRI	N120000.00/ \$380.95	Percentage of vine purchased
2.	DVM, (QDS)	New varieties with high yields, dry matter, and cleanec	Feb-April	radio, TV, T-shirt	NRCRI	N175000/\$55.5	Percentage of vine bundle purchased
3	Root producers	Quality vine for high yielding diseases resistant	April-June	Radio jingles, TV , Whatsapp documentary	DVM/	N75000/\$238.1	„

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



- Technical
 - Reducing the apical dormancy to increase more lateral shoots , effective utilization of available resources by the use of least cost principle
- Institutional
 - Effective monitoring and management of revolving fund, continuous review of budget and disbursement
- Financial
 - Continuous update and review of the financial analyses of cost of as screen house, net tunnel, cash flows ...etc.

2 BEST PHOTOS

- Select 2 NEW photos which really show something new or different about your pre-basic seed activities. Provide the following information:
 - Activity: BASIC SEED PRODUCTION IN M
 - Location and date: Umuahia July 2017
 - Name of person in photo: Mr. Ekwunze (DV
In light orange shirt
 - Photo credit: Mr. Enedo E. (Res. Asst, SAS



Activity: sampling OFSP roots
to ascertain maturity

Location and date::Ozu Abam, Abia state,
July, 2017

Name of person in photo: Rev. Sylvanus
(DVM & Root producer):

Photo credit: Mr. Anedo E. (Res. Asst. SASH)

