

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	2	Υ	180.3	OPEN		2400	10 (3 nodes /cutting) each harvest X 3 in 8 months
Mobile net tunnels	0	N	0	-	_	0	-
Field root production Demonstration	2	N	4500	OPEN		7860	
Basic seed multipliers						_ 1	

Production: targets vs actuals?



Stage	Activities	Unit (& size)	June -	Achieved: June - November 2017	% achievement
1	TC initiation	Plantlets	20	15	75%
	TC micro-propagation	Plantlets	1200	1210	> 100%
2	Hardening	Plants	1200	1210	> 100%
3	Screen house multiplication	Cuttings	3600	2003	56%
	Mobile net tunnel multiplication	Cuttings	-	-	
4	Open field multiplication	Cuttings	7500	7860	> 100%

Use of business plan tools



- Multiplication calendar on track YES
- Possible Changes in the next 6 months?
- Planning for Sweetpotato Breeder's materials earmarked for release, which we have already indexed.
- Plan to demonstrate at on station Sweetpotato production the superiority of QDPM over farmer saved seed
- Communicate on Innovation Platforms

Use of business plan tools



- Pricing strategy as determined with Srini
 - Pre-basic price: (for 3-node cutting?) \$0.16 0.25
 - Depending on time of payment and Govt./ Project or Farmer
- No intention to change our prices.
- We need to have committed customers.

Use of business plan tools



- What were your marketing activities:
 - Set up demonstration on station to encourage farmers to use
 QDPM
 - Communicate on WhatsApp page the need for QDPM
 - Communicate with stakeholders on IP
 - Advertise availability of pre-basic seed on Institute Website

Use of revolving fund



Description	Local currency or US\$
a. Balance of Revolving Fund bought forward from May 2017	8,308.00 (\$ 1,978.10)
b. Gross income for this reporting period: June to November 2017	12,328.00 (\$ 2,935.24)
c. Total disbursements towards seed production activities: June to November 2017	2,000 (\$ 476.19)
d. Other costs met from the revolving fund: establishment of one demo plot	1,600 (\$ 380.00)
e. Balance of funds at end of reporting period available to be carried forward to the next reporting period	8,728 (\$ 2,078.00)

US\$ exchange rate: 4.2 Gh Cedis per US Dollar Explain any challenges for the revolving fund – Establishing clear demand for pre-basic seed. Affect budgeting on work plan not clear on income.

Customer order book: future requirements



Customer name	December 2017 –	Comments	
	Quantity Ordered	Advance payment?	
Mr Amponsah (DVM & Root producer)	2000	-	
Frimps	3000	-	
CSIR - SARI	500		
ANDRA-GHANA/ UNHCR	-	-	-
Individuals			

Comments on production targets



- Actions taken during year 2 to increase multiplication rates:
 - Planting distance of 15cm instead of 20 cm in screenhouse
 - Utilisation of Net tunnels
 - Establishment of demonstration plots
- Actions taken during year 2 to reduce costs of production:
 - Ensure efficient use of culture incubation space eg 3 shelves instead of 4
 - Switch off fluorescent bulbs in empty areas & use LED bulbs
 - Produce only on demand
- Key challenges for year 2:
 - Inadequate funds for field establishment and demonstration
 - Appropriate management of net tunnels to recycle the materials
 - Availability of aphids proof net for net tunnels and other screenhouse supplies
- Lessons to share for year 2:
 - Documentation of activities to facilitate costing
 - Plan project activities with RF committee and develop comprehensive budget

Quality management: June November 2017



- Number of varieties under multiplication: 20
- Three varieties are currently being considered and likely be introduced in September 2018 - CRI-Okuyin, CRI-Mbofra & CRI-Gavana
- No. varieties tested over June Nov 17 and results 12 –ve out of 15

Kuffour
Hi-starch
Tu- orange
Tu-Purple
BF 59x TIB.3
BF 82x Tainung.8
442713
440078
PG 11113-11
PG 12136-2
PG 12151-73

Quality management: June November 2017



- Seed standards and inspection protocol
 - Current status: Printed
- Inspections being conducted for field multiplication
 - Two screen house inspections of pre-basic seed planting materials
 - Two field inspections carried out

Stakehol Nov 2017		tings: Junan	e 2017 –	SASHA Sweetpotato Action for Security and Health in Africa
Date of	No. participants	Types of	Main topics	Follow up

meeting held	(M/F)	participant	main topics	actions	
Nov. 2017	15/20	Farmer and Extension officers	Harvest of Demo plot. Performance of vine from SH/NT/OF	Repeat trial next season	
Planned meetings (Dec 17 – May 18)					

			vine from SH/NT/OF					
Planned meetin	Planned meetings (Dec 17 – May 18)							
Proposed Date	No. participants	Types of participants	Main topics	Proposed budget				
	40 (20 per each	Innovation	Creating markets.	2000 (Possibly				

Proposed Date	No. participants	Types of participants	Main topics	Proposed budget				
Nov / Dec	40 (20 per each of 2 regions)	Innovation Platform	Creating markets, attracting funds, seed requirements	2000 (Possibly from CIP – Ghana funds				
March/April 2018	20 1 site	Farmer and	Field day	750				

Extension officers

Training – in-country (June Nov 2017) SASHA-Security and Health in Africa

Date	Topic	No. participants (M/F)	Training materials available	Comments
None				
Planned	for Dec 2017 – May 2018	8		
Date	Topic	No. participants	Training materials	Proposed budget
		(M/F)	available	
March	Training of Seed/Vine	10/15	Seed quality	500
2018	Multipliers/Seed		guide and net	
	Inspectors/AEAs on		tunnel manual	

Marketing strategy: June 2017 – May 2018

	Target group	Message & activity	Time period	Channel/s	Responsible	Propose d budget	Indicator of success
1.	DVMs and Farmers	Available planting material	on going	Phone calls WhatsApp page Radio stations	Boadi Ahenkora H. Bortey	100	Income in revolving fund
2	Farmers	Premium planting materials. On station demonstration	April 2018	Field day	E. Baafi Marian Quain	400	No of DVMs buying seedlings

Security and Health in Africa

Dec 17 - May 2018: key areas for SASHA strengthening performance of bizplanet production for strengthening performance of bizplanet production for strength in Africa

Technical

- Team is strong in all aspects of project and can train other researchers
- Institutional
 - Institutionalise revolving fund
- Financial
 - Budget preparation
 - Conduct RF committee meetings with team and come up with work plan and comprehensive budget

PHOTO 1



No.	Description of Activity Shown in Photo	Where taken (village, province, country)	Name of key persons in photo	Photo Taken by:
P1	Field Day with Farmers, and Agriculture officers Demonstration of Planting material from SH/NT/OF	Cape Coast Ghana	Dr. Ernest Baafi	Mr. Hillary M. Bortey

PHOTO 2





No.	Description of Activity Shown in Photo	Where taken (village, province, country)	Name of key persons in photo	Photo Taken by:
P2	Double protection prior to indexing	CSIR-CRI Kumasi	Boadi Ahenkora	Ma <mark>rian</mark> D. Quain