

Production: capacities?



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

Facilities	No. units	Irrigation (Y/N)	Total m ²		RMT/ Conventional	Total no. of plants	Multiplication Rate
Screen house	2	Y	180.3	Open		8802	10 (3 node cuttings)
Mobile net tunnels	16	N	57.6	Open		4800	10 (3 node cuttings)
Open field multiplication	1	N	2023.43	Open		15751	1
Basic seed multipliers							

Production: targets vs actuals?



Names of varieties under pre-basic multiplication:

Period: June 2016 - May 2017

Activities	Unit	Planned No.	Achieved	%
	(& size)	(June 16 – May 17)	(June 16 – May	achievement
			17)	
TC initiation	Plantlets			
TC micro-propagation	Plantlets	1000	2219	> 100%
Hardening	Plants	1000	2219	> 100%
Screen house multiplication	Cuttings	3 000	8802	> 100%
Mobile net tunnel	Cuttings	-	4800	> 100%
multiplication				
Open field multiplication	Cuttings	20000	15751	78.75

Comments on production targets



- Actions taken during year 3 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 3 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
 - Produce only on demand
- Key challenges for year 3:
 - Labour
 - Problems with screenhouse structure, labour cost for vine harvest
- Lessons to share for year 3:
 - Documentation of activities to facilitate costing

Quality management



- No. of varieties under multiplication:
- No. of plants virus indexed (grafted on I Setosa and tested with NCM-ELISA) 21
 - No. found negative 9 (and 42.9%)

% t	% tested within last 12 months and results					
	VARIETY	INDEXING RESULTS				
1	Apomuden	CLEAN				
2	442162	CLEAN				
3	Namanga	CLEAN				
4	BF 82 x Tainung	CLEAN				
5	TU Orange	CLEAN				
6	BF59 x TIB 4	CLEAN				
7	AP3A	CLEAN				
8	PG 12 010 - 15	CLEAN				
9	BF 59 x TIB 4	CLEAN				

% tested within last 12 months and results					
VARIETY	INDEXING RESULTS				
10 Ininda	NOT CLEAN				
11 Delvia	NOT CLEAN				
12 BF 82 x TIB 8	NOT CLEAN				
13 Patron	NOT CLEAN				
14 Hi Starch	NOT CLEAN				
15 BF 82 x CIP 13	NOT CLEAN				
16 BF 24 x TIB 3	NOT CLEAN				
17 BF 82 x CIP 17	NOT CLEAN				
18 GLORIA	NOT CLEAN				
19 TU Purple	NOT CLEAN				
20 Kuffour	NOT CLEAN				
21 Lourders	NOT CLEAN				

Quality management: June 2016- May 2017



- Seed standards and inspection protocol
 - Current status:
- Printing of GA Guide (500cps) \$ 200.00
- Laboratory and Field Inspection (VR, CR, AS & BA) 1,200.00
- Training of Seed/Vine Multipliers/Seed Inspectors/AEAs on QA Guide -2,000.00
- IT Mobile Platform (1 year) plus 2 Tablets 2,000.00

Stakeholder meetings: June 2016 - "

May 2017, and planned SASHA Sweetpotato Action for Security and Health in Africa								
Date of meeting held	No. participants (M/F)	Types of participant	Main topics	Follow up actions				
31st January	36/6	AEAs and	Net Tunnel	Communication				

training in 2017 on vynatapp rarmers Ashanti and page Brong Ahafo

Region 6th February **Net Tunnel** 23/7 AEAs and 2017 **Farmers** training in Volta Region

10th February 20/7 AEAs and Farmers

21st - 22nd 21/11 AEAs and February **Farmers**

Net Tunnel training in Central Region Sweetpotato utilisation training

August, 2017 Will be done in August, 2017

Will be done in

Stakeholder meetings: June 2017– May 2018, Planned



Proposed Date	No. participants	Types of participants	Main topics	Proposed budget
July 2017	120 – 30 per region	Farmers and Extension workers All stakeholders	Field day & IP meeting in four Regions	4000
December 2017	40	All stakeholders	National IP	2000
March 2018	120 – 30 per region	Farmer and Extension officers	Field day	4000
August 2018	40	All stakeholders	National IP	2000

Planned Training – in-country (June 17 – May 2018)

Planne	Planned for June 2017 – May 2018					
Date	Topic	No. participants (M/F)	Training materials available	Proposed budget (\$)		
July 2017	Training of Seed/Vine Multipliers/Seed Inspectors/AEAs on QA Guide	40	Seed Quality guide	2000		
Aug 2017 -	Sweetpotato field management and Net tunnels management for DVMs in 4 regions	80/40	Net tunnel manual	6000		
Sept 2017	Formation of IPs in remaining 3 regions	80/40		6000		

Security and Health in Africa

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	Tonaton.co m	Michael Arthur	500	Income in revolving fund
2.	Nursing mothers and food processors	OFSP for different food forms	From Sept 2017	hospitals Anti natal visits	Boadi Ahenkora H. Bortey	2000	No of mothers buying
3	High School feeding program	High nutrition of SP root and leaves	From August 2017	One on one commu. Fliers	Patricia Acheampo ng	2000	Quantity of tubers sold
4	Farmers	Premium planting materials	July – Sept. 2017	Field day	E. Baafi Marian Quain	2000	No of DVMs buying seedlings

Security and Health in Africa

June 17 - May 2018: key areas for SASHA strengthening performance of bizplanet potato Action for SashA strengthening performance of bizplanet potato Action for SashA strengthening performance of bizplanet potato Action for SashA strengthening performance of bizplanet performance performance performance of bizplanet performance perfo

- Technical
 - Team is strong in all aspects of project and can train other researchers
- Institutional
 - Institutionalise revolving fund
- Financial
 - Budget preparation

PHOTO 1





No.	Description of Activity Shown in Photo	Where taken (village, province, country)	Name of key persons in photo	Photo Taken by:
P1	Project Team, farmers, and Agriculture officers celebrating first set of net tunnels in Volta Region	Akatsi Ghana	Ghana Project Team, farmers, and Agriculture officers	Michael Arthur

Photo 2





No.	Description of Activity Shown in Photo	(village, province,	Name of key persons in photo	Photo Taken by:
P2	OFSP used to prepare "Oto" a Ghanaian traditional dish for festive occasions	country) Fumesua, Kumasi, Ghana	Egg and avocado gamish	Michael Arthur