



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



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

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Sweetpotato Seed Systems Community of Practice: 9th  
Consultation- Sustainable Pre-basic Seed Production – SGA  
14<sup>th</sup> May 2018, Kigali, Rwanda

# Production: capacities

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

<b>Facilities</b>	<b>No. units</b>	<b>Irrigation (Y/N)</b>	<b>Total m<sup>2</sup></b>	<b>% of capacity utilized for production</b>	<b>Status of facility: good, average, poor</b>	<b>Planned rehabilitation? If yes, when</b>
Screen house	2	Y	180.3	100	Damaged recently by storm	Yes
Mobile net tunnels	4	N	4.5m <sup>2</sup> each	100	Good	-
Open field multiplication	0	-	-	-	-	-
Basic seed multipliers	0	-	-	-	-	-

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

<b>Activities</b>	<b>Production target (No.)</b>	<b>Production achieved (No.)</b>	<b>Revenue target (local currency)</b>	<b>Revenue Achieved (local currency)</b>
<b>TC micro-propagation plantlets</b>	<b>1200</b>	<b>1215</b>	-	-
<b>Pre- basic cuttings</b>	<b>36000</b>	<b>31009</b>	15,000	5,000 (some customers are owing)
<b>Basic cuttings</b>	-	-	-	-
<b>Open field multiplication</b>	-	-	-	-

# Comments on production targets



- Actions taken during Y4 to increase multiplication rates:
  - Adding on another screenhouse
- Actions taken during Y4 to reduce costs of production:
  - Increasing screenhouse activities
- Key challenges for Y4:
  - Not certain about request from clients.
  - Time request come in make it difficult to meet targets
  - Funds availability
  - Since customers have been used to recycling planting materials, find it difficult to change attitude
- Lessons to share for Y4:
  - Quality of planting materials from net tunnels are are high as those from screenhouse

- Is your multiplication calendar on track
  - Rains started earlier than expected
  - Customer seed requirements unpredictable and are not ready to purchase for multiplication during dry season
  - Production level is on track
  - Sales/Revenue challenged as customers delay payment
- What changes will you make to your multiplication calendar for the next 6 months?
  - None

# Use of business plan tools



- Have your production costs changed?
  - No changes in production cost
  - What is change in break even cost: Nothing
- What is current pricing strategy (for 3-node cutting)
  - Pre-basic: encourage customers to make early payments to attract lower cost
  - Basic price: Not Applicable
- Will you adjust your prices to reflect changes in production costs or market competition? Not now
  - Explain: The system has to generate more funds and if possible employ an extra labour.

# Use of revolving fund

<b>Description</b>	<b>Local currency or US\$</b>
<i>a. Balance of Revolving Fund bought forward from May 2017</i>	GHC 6,346.20
<i>b. Gross income for this reporting period: June 2017 to May 2018</i>	GHC 6,346.20
<i>c. Total disbursements towards seed production activities: June 2017 to May 2018</i>	GHC 0.00
<i>d. Other costs met from the revolving fund:</i>	Nil
<i>e. Balance of funds at end of reporting period available to be carried forward to the next reporting period</i>	GHC 6,346.20

US\$ exchange rate: 1 \$ = GHC 4.2

Explain any challenges for the revolving fund:

# Customer order book: future requirements

Customer name	December 2017 – May 2018		Comments
	Quantity Ordered	Advance payment?	
Dr. K Adofo	5,000	-	1000 supplied
Mr. E Darkey	26,000	-	13100 supplied



# Quality management: June 2017 - May 2018



- Number of varieties under multiplication: SIX
- What additional varieties have been introduced in Y4? None
- What new varieties are in release pipeline & will be multiplied in Y5? Three
- No. varieties tested over June 17 – May 18, method, & results
  - 18 varieties have are currently in the screenhouse and will soon be subjected to indexing via *Ipomoea setosa* grafting and NCM ELISA
- Seed standards and inspection protocol
  - Current status i.e in draft, approved, roll out: It is ready and in use
  - Are external inspections being conducted for field multiplication? YES  
A project has been engaging the seed specialist to inspect DVMs' fields

# Stakeholder meetings: June 2017 – May 2018, and planned



Date of meeting held	No. participants (M/F)	Types of participant	Main topics	Follow up actions
				Repeat trial next season
<b>Planned meetings (June 18 – Dec 18)</b>				
Proposed Date	No. participants	Types of participants	Main topics	

CIP STAFF IN GHANA PARTICIPATED IN AN IP Meeting held in the Central Region of Ghana to discuss their on needs including planting material requirements

# Training – in-country (June 2017- May 2018)



Date	Topic	No. participants (M/F)	Training materials available	Comments
Nov. 2017	Harvest of Demo plot. Performance of vine from SH/NT/OF	15/20	Field demonstration	Participants appreciated the need for clean planting materials
<b>Planned for June 2018 – Dec 2018</b>				
Date	Topic	No. participants (M/F)	Training materials available	
Nov. 2018	Demo plot. Performance of vine from SH/NT/OF	20	Field Demonstration	

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



- 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



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