



**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
14th May 2018, Kigali, Rwanda

Production: capacities

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

Facilities	No. units	Irrigation (Y/N)	Total m²	% of capacity utilized for production	Status of facility: good, average, poor	Planned rehabilitation? If yes, when
Screen house	1	Y	67.5	100	average	No, no funds
Mobile net tunnels	NA	NA	NA	NA	NA	NA
Open field multiplication	NA	NA	NA	NA	NA	NA
Basic seed multipliers	2	Y	25,000	100	average	Start witt IIAM APPSA

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



Activities	Production target (No.)	Production achieved (No.)	Revenue target (local currency) MT	Revenue Achieved (local currency)
TC micro-propagation plantlets	CIP	CIP	CIP	CIP
Pre- basic cuttings	54320	66000	Only planting basic seed	
Basic cuttings	339222	495000	928660	174467, we still have seed in fields
Open field multiplication	NA	NA	NA	NA

Comments on production targets



- Actions taken during Y4 to increase multiplication rates:
 - Continue with irrigation & fertilizing after the first cutting;
 - Plant in the right time in order to get vines at beginning of the rains season;
 - Rotation in order to avoid mixtures and also prevalence of pests;
 - Control pests and diseases, rouging in case of presence of virus symptoms;
- Actions taken during Y4 to reduce costs of production:
 - Plant in right time in order to have vines by rainy season;
 - Replanting in right time in case of poor establishment;
- **Key challenges for Y4:**
 - Project leaders never had time to participate in stakeholders' meeting to plan;
 - Irregularity of rainfall in Gaza provinces restricting the demand for sp vines by NGOs;
 - There is a lot of sweetpotato vines produced by other partners;
 - Drought is still affected the program;
- **Lessons to share for Y4:**
 - NA

Use of business plan tools



- Is your multiplication calendar on track, Yes but:
 - Effects of short raining season is affecting the seed demand;
 - We still not have the seed demand on time, however we had made contacts before;
 - Production level was reached;
 - Sales/Revenue varies from year to year, **in May 2016 to June 2017 sales were high;**
- What changes will you make to your multiplication calendar for the next 6 months?
 - We still search for new markets;
 - Improve our market strategies (eg. FACIM)

Use of business plan tools



- Have your production costs changed? Yes
 - If so, explain: **Increased price for fuel & casual labour**
 - What is change in break even cost:
- What is current pricing strategy(for 3-node cutting)
 - Pre-basic: **NA- only for establishment of basic seed**
 - Basic price: **12 Mts/ kg (1 kg=40-50 cutting-30cm)**
- Will you adjust your prices to reflect changes in production costs or market competition? No
 - Explain: **We still wait for estimation of the production cost from our Agro-ecomonist;**

Use of revolving fund

Description	Local currency (MT)
<i>a. Balance of Revolving Fund bought forward from May 2017</i>	922,000
<i>b. Gross income for this reporting period: June 2017 to May 2018</i>	161,467
<i>c. Total disbursements towards seed production activities: June 2017 to May 2018</i>	182,406
<i>d. Other costs met from the revolving fund:</i>	56,920 car maintenance
<i>e. Balance of funds at end of reporting period available to be carried forward to the next reporting period</i>	871,141

US\$ exchange rate: 1 US\$ = 59 Mt

Explain any challenges for the revolving fund:

Customer order book: future requirements

Customer name	December 2017 – May 2018		Comments
	Quantity Ordered	Advance payment?	
CCS ITALIA project	21,500 kg	No	We are still wait for final decision

Quality management: June 2017 - May 2018



- Number of varieties under multiplication: 10
- What additional varieties have been introduced in Y4? Caelan, Bita, Ivone, Alisha & Victoria (Released in 2016)
- What new varieties are in release pipeline & will be multiplied in Y5? No
- No. varieties tested over June 17 – May 18, method, & results : NA (Under CIP)
 - Variety:.....result:.....:.....
- Seed standards and inspection protocol
 - Current status i.e in draft, approved, roll out
 - Approved needs to go for publication at Impresa Nacional;
 - Are external inspections being conducted for field multiplication?
 - No, only we do internal inspections

Stakeholder meetings: June 2017 – May 2018, and planned



Date of meeting held	No. participants (M/F)	Types of participant	Main topics	Follow up actions
10 July	5(3 M& 2 F)	IIAM staff, Research, technicians	Revolving fund report & planning	Continue with sales and takings recording
20 July	4 (2M & 2 F)	IIAM staff, Research, technicians	Collection of data for pricing	Data concluded & still wait for results

Planned meetings (June 18 – Dec 18)

Proposed Date	No. participants	Types of participants	Main topics	
17 July	15	Stakeholders	Seed demand	(IIAM, NGOs, CIP)
10 August	5	Planning for planting new fields	Production of basic seed	IIAM

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



Date	Topic	No. participants (M/F)	Training materials available	Comments
October	Field maintenance	4 (3 M & 1 F)	- Disease & pests control - Fertilizer;	1 new technicians join the program (now in Brasil)
13 April	Seed production	6 (3/3)	RAC- Manual & fields	3 new staff from IIAM (2 USBA)
Planned for June 2018 – Dec 2018				
Date	Topic	No. participants (M/F)	Training materials available	
September	Guideline for seed production	7 (4/3)	Seed standards and inspection protocol	

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



- Technical
 - Bureaucracy to solve still problem, including approval office documents
 - Difficult to get casual labour during the rain season, if we get the cost for labour is high;
 - We still face excessive weeds that are difficult to control in our Stations;
- Institutional
 - We still wait for approval the seed standards and inspection protocol;
 - **Poor planning** rehabilitation of irrigation system in stations;
 - Exit of IIAM technicians in search of better conditions;
- Financial
 - Lack of funds by the IIAM and Government can affect the activities;
 - **Cut of** water and energy (light) is very frequent at IIAM due to non-payment, it is affecting the irrigation;

2 BEST PHOTOS

- Select 2 NEW photos which really show something new or different about your pre-basic seed business plan. Provide the following information:
 - Activity
 - Location and date
 - Name of person in photo
 - Photo credit