



**Sustainable
sweetpotato pre-basic
seed production Y3
Annual Report: June
2016 – May 2017**

SASHA

Sweetpotato Action for
Security and Health in Africa

Fekadu Gurmu, SARI
Sweetpotato Seed Systems Community of Practice: 7th
Consultation- Sustainable Pre-basic Seed Production – SGA
Progress Review. Mukono Uganda 12th June

Production: capacities?

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

Facilities	No. units	Irrigation (Y/N)	Total m²	Method (poly, pot, bench/trough, open)	RMT/Conventional	Total no. of plants	Multiplication Rate
Screen house	1	Y	200	pot	Conventional	3000	5
Mobile net tunnels	8	Y	720	open	Conventional	120,000	8
Open field multiplication	5	Y	5 ha	open	Conventional	1.8 million	7
QDS multipliers	10	Y	27 ha	open	Conventional	8.1 million	6

Production: targets vs actuals?



Names of varieties under pre-basic multiplication: Awassa-83, Kulfo, Tula

Period: **June 2016 – May 2017**

Activities	Unit (& size)	Planned No. (June 16 – May 17)	Achieved (June 16 – May 17)	% achievement
TC initiation	Plantlets	100	127	127
TC micro-propagation	Plantlets	200	179	89.5
Hardening	Plants	1000	980	98.0
Screen house multiplication	Cuttings	3000	3200	106.7
Mobile net tunnel multiplication	Cuttings	175,000	215,000	122.9
Open field multiplication	Cuttings	1,000,000	1,850,000	185

Comments on production targets



- Actions taken during year 3 to increase multiplication rates:
 - Use of raised beds in net tunnels
- Actions taken during year 3 to reduce costs of production:
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- Key challenges for year 3:
 - Shortage of water for irrigation
- Lessons to share for year 3:
 -

Quality management: June 2016- May 2017



- No. of plants virus indexed (grafted on / *Setosa* and tested with NCM-ELISA)
 -
- % tested over last year and results
 -
- Seed standards and inspection protocol
 - Current status: Full certification approved
 - Are external inspections being conducted for field multiplication: Yes

Stakeholder meetings: June 2016 – May 2017, and planned



Date of meeting held	No. participants (M/F)	Types of participant	Main topics	Follow up actions
December, 2016	21/4	Agricultural experts and seed producers	<ul style="list-style-type: none"> - Seed standards - Demand/supply projection 	<ul style="list-style-type: none"> - Inspection implemented on pre-basic and basic seeds

Planned meetings (June 17 – May 18)

Proposed Date	No. participants	Types of participants	Main topics	Proposed budget
October, 2017	25/5	Agricultural experts and seed producers	<ul style="list-style-type: none"> - Quality control - Demand/supply projection 	\$5,000

Training – in-country (June 16 – May 2017)

Date	Topic	No. participants (M/F)	Training materials available	Comments
Mar. 2017	Sweetpotato production and management	52/17	Softcopy	Provided in collaboration with MoANR
Apr. 2017	Sweetpotato production and management	43/19	Softcopy	Provided in collaboration with MoANR
Planned for June 2017 – May 2018				
Date	Topic	No. participants (M/F)	Training materials available	Proposed budget
Dec. 2017	Sweetpotato seed production	50/40	Softcopy	\$6,000
Feb. 2017	Sweetpotato seed production	50/40	Softcopy	\$6,000

Marketing strategy: June 2017 – May 2018



	Target group	Message & activity	Time period	Channel/s	Responsible	Proposed budget	Indicator of success
1.	DVM	Selection of varieties	July-Dec. 2017	Demo plots	Fekadu G. and BoA experts	\$2,000	At least one variety selected for multiplication
2.	Private multipliers	New & best variety released	August 2017	Field day	Fekadu G & Hawassa RC	\$1,500	The new variety taken for multiplication

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



- Technical
 - Training staff working on sweetpotato
- Institutional
 - BoA and SARI to discuss with NGOs on way to minimize delivering seeds to farmers on free basis
- Financial
 - Using revolving fund for strengthening sweetpotato pre-basic and basic seed production

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
 - Location and date
 - Name of person in photo
 - Photo credit