



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

SASHA

Sweetpotato Action for
Security and Health in Africa

SOME Koussao, INERA
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 m ²	Method (poly, pot, bench/trough, open)	RMT/Conventional	Total no. of plants	Multiplication Rate
Screen house	2	N	180	Pot	Conventi onal	4538	6
Mobile net tunnels							
Open field multiplication							
Basic seed multipliers	1	Y	5000	Open	RMT	25000	10

Production: targets vs actuals?



Names of varieties under pre-basic multiplication: Tiebele-2, BF59xCIP-4, BF92xIB-2

Period: **June 2016 – May 2017**

Activities	Unit (& size)	Planned No. (June 16 – May 17)	Achieved (June 16 – May 17)	% achievement
TC initiation	Plantlets			
TC micro-propagation	Plantlets			
Hardening	Plants			
Screen house multiplication	Cuttings	35000	27216	77.76
Mobile net tunnel multiplication	Cuttings			
Open field multiplication	Cuttings	500000	250000	50

Comments on production targets



- Actions taken during year 3 to increase multiplication rates:
 - E.g. monitored water use efficiency (avoid water stress during heat time), increase plant density
- Actions taken during year 3 to reduce costs of production:
 - E.g.
- Key challenges for year 3:
 - E.g. Same
- Lessons to share for year 3:
 - E.g.

Quality management: June 2016- May 2017



- No. of plants virus indexed (grafted on / *Setosa* and tested with NCM-ELISA): 0
 - No. found negative (and %) 8 (53%)
- % tested over last year and results
 - Variety:BF59xCIP-4...result: clean
 - Variety:BF92xTIB-2...result: 6 minor virus types identified
 - Variety:Tiebele-2...result: clean
- Seed standards and inspection protocol
 - Current status: validation meeting held in April 2017, adoption in process
 - Are external inspections being conducted for field multiplication: No

Stakeholder meetings: June 2016 – May 2017, and planned



Date of meeting held	No. participants (M/F)	Types of participant	Main topics	Follow up actions
14 April	30/5	Seed inspectors	Validation of inspection protocol	Protocol submitted

Planned meetings (June 17 – May 18)

Proposed Date	No. participants	Types of participants	Main topics	Proposed budget
October – December 2017	30	Stakeholders	Seed demand and seed standard	1500 USD

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



Date	Topic	No. participants (M/F)	Training materials available	Comments
Planned for June 2017 – May 2018				
Date	Topic	No. participants (M/F)	Training materials available	Proposed budget
Nov - Dec	Seed standards and seed multiplication	30	-Seed standards - Quality seed multiplication	1500
April	Root production	30	GAP of root production	1000

Marketing strategy: June 2017 – May 2018

	Target group	Message & activity	Time period	Channel/s	Responsible	Proposed budget	Indicator of success
1.	Multipliers	Why, how and when and which quantity to multiply	6 months before root production	Training, Radio	PI	1500	Quantity seed available on time
2.	NGOs, Institutions	Where, when and which quantity to source quality seeds	Dec	Stakeholders meeting	PI	1500	Quantity ordered
3	Root producers	Quality seed on root production	3 months before root production	Training	PI	1000	Quantity of seed bought
4							

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



- Technical
 - Assist in finalizing the business plan
- Institutional
 - Utilization of revolving fund
- Financial
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2 BEST PHOTOS

- Inspecting seed
- INERA Kamboinse, April 2017
- SOME staff and seed inspectors
- SOME



2 BEST PHOTOS

- Multiplication bench to avoid soil infestation of seed
- INERA Kamnoinse, March 2017
- A student
- SOME

