



**Sustainable
sweetpotato pre-basic
seed production Final
Technical Report: June
2015 – November 2018**

SASHA

Sweetpotato Action for
Security and Health in Africa



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Sweetpotato Seed Systems Community of Practice: 10th
Consultation- Sustainable Pre-basic Seed Production – SGA
Progress Review. Nairobi, Kenya 13-14 November 2018

Table 1a: Varieties under pre-basic seed production: 2015-2018



Varieties/year	Actual				Planned	
	2015	2016	2017	2018	2019	2020
No. varieties	2	2	2	3	6	6
1 Name					X	X
2 Mothers Delight	x	x	X	x	X	X
3 KING J	x	x	X	X	X	X
4 Solo Gold				X	X	X
5 Namanga					X	X
6 Solo Light					X	X
7						
8						
9						
10						
11						
12						
13						
No. cleaned up	2	2	2	3	4	

Table 1b: Varieties in conservation/maintenance 2015-2018



		Actual				Planned	
	Varieties/year	2015	2016	2017	2018	2019	2020
	No. varieties						
SH/OF	Name						
SH/O	Sumiaia	X	X	X	X	X	X
SH/O	NASPOT8	X	X	X	X	X	X
SH/O	NASPOT11		X	X	X	X	X
SH/O	NASPOT22		X	X	X	X	X
SH/O	Delvia	X	X	X	X	X	X
SH/O	Irene	X	X	X	X	X	X
SH/O	Tio-Joe	X	X	X	X	X	X
SH/O	Namanga	X	X	X	X	X	X
SH/O	Gloria	X	X	X	X	X	X
SH/O	Mellinda	X	X	X	X	X	X
SH/O	Erica	X	X	X	X	X	X
SH/O	Lourdes	X	X	X	X	X	X
	No Cleaned	10 (SH)	13	13	13		

Table 1c: Advanced clone release pipeline 2018 -2020.



			Planned		
	Varieties/year	Flesh colour	2018	2019	2020
	No. varieties				
1	Name				
2	A035	White	X	XX	X
3	A097	LO	X	XX	
4	Namanga (A098)	Orange	X	X	X
5	A115	LO	X	X	X
6	A132	White	X	X	X
7	Solo-Light (A141)	LO	X	XX	
8	A152	Orange	X	X	X
9	D115	LO	X	X	X
10	MD/TIS8164/24(E054)	Orange	X	XX	
11	A072	Yellow	X	X	X
12	Centennial/ExIgba/20(A121)	Orange	X	X	X
13	A137	Yellow	x	X	X
	No. cleaned up			1	

Table 2: Pre-basic & basic seed production, sales and revenue 2015-2018



		Actual				Planned	
Year	Unit length	2015	2016	2017	2018	2019	2020
Prebasic seed cuttings produced	20	NA	NA	54000	24500	81600	100000
Basic seed seed cuttings produced	20	33706	100000	80000	26000	36450	60000
Prebasic seed cuttings sold		NA	NA	11000	14100		
Basic seed cuttings sold				NA			
	Local currency						
Revenue from prebasic seed sales		NA	NA	55000	70500		
Revenue from basic seed sales		NA	NA		20000		

Outcome story

What was the situation concerning production of EGS at the start of the component (2015/6) and what is it now?



Quote 'Aha we now put in vine and harvest money' Lati kum Boti Owo lo jade. Yoruba Language

Sweetpotato production has assumed another dimension for income generation High quality vines has unlock the potential of sweetpotato to address malnutrition and food security.

Yields have doubled or tripled with high quality vine and farmers now smile home with bumper harvest and increase income



Outcome story

The introduction of high quality vines in Osun state of Nigeria has sustained supply of roots to school feeding program

SASHA 2 project built capacity of farmers and opened up get way to access of high quality vine production at community level

Root producers now see the need for high quality vines which drives demand for vines

Crop cut data collected indicate high yield in famers field



Crop Cut Data

Average Yield: 33.5 t/ha



Farmers name	site	plots	No of plants	wt of comm.root
ADENIRAN ADEPOJU	SONGBE	1	33	45.9kg
		2	51	62.2kg
		3	46	60.8kg
AKEEM ENIOLA	OKE	1	54	45.0kg
		2	48	32kg
		3	57	17.2kg
ADELEKE A.R	OLUJAN A	1	27	26kg
		2	33	33kg
		3	30	28kg

Field inspection



A farmer displacing roots harvested from her farm