



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



	Varieties/year	Actual				Planned	
		2015	2016	2017	2018	2019	2020
	No. varieties						
1	NASPOT 12 O	✓	✓	✓	✓	✓	✓
2	NASPOT 13 O	✓	✓	✓	✓	✓	✓
3	DIMBUKA-BUKULUA	✓	✓	✓	×	×	×
4	NASPOT 8				✓	✓	✓
5	NASPOT 9 O				✓	✓	✓
6	NASPOT 10 O				✓	✓	✓
7	NAROSPOT 1					✓	✓
8							
9							
10							
11							
12							
13							
	No. cleaned up	6					

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



Varieties/year	Actual				Planned	
	2015	2016	2017	2018	2019	2020
No. varieties						
1 NASPOT 8	✓	✓	✓	✓	✓	✓
2 NASPOT 9 O	✓	✓	✓	✓	✓	✓
3 NASPOT 10 O	✓	✓	✓	✓	✓	✓
4 NASPOT 12 O	✓	✓	✓	✓	✓	✓
5 NASPOT 13 O	✓	✓	✓	✓	✓	✓
6 DIMBUKA-BUKULULA	✓	✓	✓	✓	✓	✓
7 NASPOT 11	✓	✓	✓	✓	✓	✓
8 EJUMULA	✓	✓	✓	✓	✓	✓
9 SPK 004	✓	✓	✓	✓	✓	✓
10 NAROSPOT 1				✓	✓	✓
11 NAROSPOT 2				✓	✓	✓
12 NAROSPOT 3				✓	✓	✓
13 NAROSPOT 4				✓	✓	✓
14 NAROSPOT 5						
No. cleaned up	8					

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



			Planned		
Varieties/year	Flesh colour	2018	2019	2020	
No. varieties					
1 UGSP-1	O	×	✓	×	
2 UGSP-2	O	×	✓	×	
3 UGSP-3	O	×	✓	×	
4 UGSP-4	C	×	✓	×	
5 UGSP-5	C	×	✓	×	
6 UGSP-6	Y	×	✓	×	
7					
8					
9					
10					
11					
12					
13					
No. cleaned up	0				

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



		Actual				Planned	
Year	Unit length	2015	2016	2017	2018	2019	2020
Basic seed cuttings produced	15-20 cm	6,000	6,000	6,000	6,000	6,000	20,000
Certified 1 seed seed cuttings produced	30 cm		64,000	64,000	64,000	64,000	2,000,000
	Local currency						
Revenue from prebasic seed sales	UGX	0	0	0	0	0	0
Revenue from basic seed sales		0	6,080,000	3,150,000	To be sold	To be produced	To be produced

Outcome story



- The value of quality seed is being appreciated by the producers
- Seed producers are able to sell ratoon seed thus doubling their profits
- Root producers are realizing higher yields from the same varieties
- This is positioning sweetpotato as a major relief commodity in the country
- The project has set the ground for the development of the formal sweetpotato seed system in Uganda

Outcome story



Mr. Peter Omondi chairperson of Ngoro Bobi Sweetpotato Association in Gulu Uganda has benefited from the production and marketing of sweetpotato seed through the various stakeholder trainings we have held at NaCRRRI. This has helped their association to increase on the number of varieties being multiplied and acreage of sweetpotato seed production, hence changing their livelihoods. He stated that, the demand for sweetpotato seed is totally overwhelming and they equally strived to meet this ever-increasing demand as they made more profits. As NaCRRRI and AbiZARDI could not meet the demand for sweetpotato seed in the by the relief agencies working with refugees in the West Nile region, we linked Peter Omondi's association with the NGOs to fill in the gap. The group now routinely supplies seed for the NGOs supporting the refugee settlements in West Nile region and also to the World Bank funded Ministry of Agriculture Animal Industry and Fisheries (MAAIF) run school nutrition project in Uganda. The association has expanded as more seed producers have registered to produce seed under them thus leading to improved livelihoods of the people most of who are recovering from insurgency in Northern Uganda.