



**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	2015	2016	2017	2018
No. varieties	15	15	15	12
1 Alisha				X
2 Amelia	X	X	X	X
3 Bela	X	X	X	
4 Bie				X
5 Bita				X
6 Caeln				X
7 Cecilia	X	X	X	
8 Delvia	X	X	X	X
9 Erica	X	X	X	X
10 Esther	X	X	X	X
11 Gloria	X	X	X	
12 Ininda	X	X	X	X
13 Irene	X	X	X	X
14 Ivone				X
15 Jane	X	X	X	
16 Lawrence				X
17 Lurdes	X	X	X	
18 Melinda	X	X	X	
19 Namanga	X	X	X	
20 Sumaia	X	X	X	
21 Tio Joe	X	X	X	
22 Victoria				X

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



Varieties/year	Location	2015	2016	2017	2018
No. Varieties	TC/SH	15	15	22	22
1 Alisha	TC & SH			X	X
2 Amelia	TC & SH	X	X	X	X
3 Bela	TC & SH	X	X	X	X
4 Bie	TC & SH			X	X
5 Bita	TC & SH			X	X
6 Caeln	TC & SH			X	X
7 Cecilia	TC & SH	X	X	X	X
8 Delvia	TC & SH	X	X	X	X
9 Erica	TC & SH	X	X	X	X
10 Esther	TC & SH	X	X	X	X
11 Gloria	TC & SH	X	X	X	X
12 Ininda	TC & SH	X	X	X	X
13 Irene	TC & SH	X	X	X	X
14 Ivone	TC & SH			X	X
15 Jane	TC & SH	X	X	X	X
16 Lawrence	TC & SH			X	X
17 Lurdes	TC & SH	X	X	X	X
18 Melinda	TC & SH	X	X	X	X
19 Namanga	TC & SH	X	X	X	X
20 Sumaia	TC & SH	X	X	X	X
21 Tio Joe	TC & SH	X	X	X	X
22 Victoria	TC & SH			X	X

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



			Planned		
Varieties/year		Flesh colour	2018	2019	2019
No. varieties			9 (3-5 release)	At least 3 deep purple	3 deep DM, Fe, Zn, orange
1	Name	White	MUSG012077-6	Margarete	MUSG15132-4
2		White	MUSG012005-21	Violeta	MGSG11010-5
3		White	MUSG0120109-1	MGSGR15002-16	MUSG15047-12
4		White	MUSG0120141-6	MGSGR15006-15	MUSG15091-11
5		White	MUSG012043-6	MGSGR15008-5	MUSG15047-20
6		White	MUSG012055-7	MGSGR15013-11	MGSG15027-2
7		White	MUSG012074-52	MGSGR15017-14	MUSG15134-14
8		White	MUSG01120-14	MGSGR15047-14	MGSG14011-1
9		White	MUSG0120127-7	MGSGR 5063-3	MUSG15023-8
10				MGSGR15068-21	MGSG16100-9
11				MGSGR15075-8	MGSG15033-12
12				MGSGR15075-10	MUSG15134-4
13					
No. cleaned up			9 cleaned (2017)	12	12

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	kg	990	2,350	2,246	1,330	1,600	1,600
Basic seed seed cuttings produced	Kg	42,000	47,500	42,500	46.500	48,000	48,000
Prebasic seed cuttings sold		Basic seed production					
Basic seed cuttings sold	kg	19,741	46,979	39,452	12,464	48,000	48,000
Revenue from prebasic seed sales	Local currency						
Revenue from basic seed sales	NA	NA	NA NA	NA	NA	1,480	1,480
Revenue from basic seed sales	Mt	143,805	411,508	385,535	112,176	576,000	576,000

- Due to the lack of companies producing basic seed, pre-basic seed production was used to establish our fields for the basic seed production;
- Basic seed production were sold to NGOs for distribution in their communities, or to CIP for establishment of DVM, or mass distribution;
- Due to the droughts, the total production (42,000 kg) recorded in 2015 was not absorbed by the market (19,741 kg);
- With beginning of regular rains, sales increased a lot 2016 (46,979 kg);

- There was a slight decrease (36,452 kg) in sales in 2017 due to larger availability of sp vine in the market;
- In 2018 there was decrease in sales (12,464 kg); most of production was not absorbed by the market due to the excess of vines produced by the partners;
- In coordination with USBEA, our expectation is to increase the production to about 48000 kgs by adding more location (Nampula & Nhacoongo);
- **Now have request of 16,000 kg from CCS project to be produced under contract;**
- Recognized by IIAM DG as good example to followed by other crops;

Obrigado (Thank You)