



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

SASHA

Sweetpotato Action for
Security and Health in Africa



Beyene Demtsu, TARI
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						
1	Kulfo	✓	✓	✓	✓	✓	✓
2	Tula	✓	✓	-	-	-	-
3	New 1	-	-	-	-	✓	✓
4	New 2	-	-	-	-	✓	✓
5							
6							
7							
8							
9							
10							
11							
12							
13							
	No. cleaned up						

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



	Varieties/year		Actual				Planned	
			2015	2016	2017	2018	2019	2020
	No. varieties							
1	Kulfo	TC	TC	TC	TC	TC	TC	TC
2	Tula	TC	TC	TC	TC	TC	TC	TC
3	Ukr/Eju-10					TC	TC	
4	Ukr/Eju-13					TC	TC	
5	Vita					TC	TC	
6	Kabode					TC	TC	
7								
8								
9								
10								
11								
12								
13								
	No. cleaned up							

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



			Planned		
	Varieties/year	Flesh colour	2018	2019	2020
	No. varieties				
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
	No. cleaned up				

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 – 30cm	280,000	220,070	42,000	57,600	100,000	150,000
Basic seed seed cuttings produced	30cm	-	-	320,000	220500	500,000	750,000
Prebasic seed cuttings sold		-	-	-	-	-	-
Basic seed cuttings sold		-	-	320,000	220,500	500,000	600,000
	Local currency						
Revenue from prebasic seed sales	Birr	-	-	-	-	-	-
Revenue from basic seed sales	Birr	-	-	118,400	121,275	275000	330000

Outcome story



- There is a high level management acknowledgement of the sustainability of the SASHA model for early generation seed production.
- A very strong push for other crops (Cereals, Pulses) to follow example and produce implement a business plan for pre-basic and basic seeds

- Country-wide seed standard for EGS and QDS standards
- Infrastructure (Water plant, Backup generator Net tunnels for Pre-basic seed multiplication)
- Dependable and working seed system established appreciated by stakeholders and now being overseen by the BoA
- Private TC company involved with seed production

Outcome story



Outcome story



THANK YOU