



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

**SASHA**

**Sweetpotato** Action for  
Security and Health in Africa

**Name, institution, TARI KIBAHA, TANZANIA  
Sweetpotato Seed Systems Community of  
Practice: 10th Consultation- Sustainable  
Pre-basic Seed Production – SGA Progress  
Review. Nairobi, Kenya 13-14 November**

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



Varieties/year	Actual				Planned	
	2015	2016	2017	2018	2019	2020
<b>No. varieties</b>						
<b>Name</b>						
<b>1 Kibaha-</b> Mataya, Jewel, Kabode, Ejumla, Kakamega, Nasport 13	9	8	6	6	6	6
<b>2 Uyole-</b> Ejumula, kakamega, Kabode	3	3	3	3	3	3
<b>3 Ukiriguru-</b> kabode, Naspot 11, polista, kakamega, Naspot 12, vitaa, Naspot 13, Ejumula, Mataya	6	7	7	8	7	7
<b>4 No. cleaned up</b>		<b>8,104</b>	<b>19,100</b>	<b>120</b>	<b>10,000</b>	<b>7000</b>

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



Varieties/year	Actual				Planned	
	2015	2016	2017	2018	2019	2020
<b>No. varieties</b>						
<b>Name</b>						
<b>1 Kibaha</b> -Nasport 12, VITAA, Polista, Simama	4	4	4	4	4	4
<b>2 Uyole</b> -Kiegeya, Mataya	2	2	2	2	2	2
<b>3 Ukiriguru</b> -Mazao, Mlezi, gairo, isaka, jitihada, Gambilenyoko, Manigake, njugu carrot, tembele, ukerewe, UKG 2001/05, new dimbuka	1	2	10	8	7	7
<b>4 No. cleaned up</b>	<b>300</b>		<b>500</b>		<b>500</b>	

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



				Planned	
	Varieties/year	Flesh colour	2018	2019	2020
	No. varieties				
	Name				
1	<b>Kibaha</b> - Naspot 13, SPKBH 06/676, SPKBH03/03, Ex-Luambano, Jewel, Alveria	Orange		6	6
2	<b>Ukiriguru</b> - Jukale, Berita, Katebe, UKGSP690P2008, UKGSP2005/09 Naspot 11, Naspot 13, New Dimbuka			6	3
4	<b>No. cleaned up</b>	0	1500	5000	

# 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	20cm	59,647	77,769	182,438	107,495	165,911	194,911
Basic seed seed cuttings produced	20cm	61,007	65,768	79,503	74,815	218,800	249,800
Prebasic seed cuttings sold		59,647	77,769	182,438	107,495	165,911	194,911
Basic seed cuttings sold		61,007	65,768	79,503	74,815	218,800	249,800
	Tsh						
Revenue from prebasic seed sales		1,243,495	2,231,190	6,983,055	6,809,530	10,408,000	11,878,000
Revenue from basic		1,525,17	1,973,04				



# Outcome story



- The project started in 2015 where we had one screenhouse at Kibaha built by RAC project and one at Ukiriguru also from previous project.
- We had screenhouses left and needed rehabilitations where we did for four screenhouses (2 at Kibaha, 1 at Ukiriguru and 1 at Uyole) to make a total of seven screenhouses.
- We used to irrigate using buckets and we had a problem of water.

- We installed water supply system by having storage water tanks and water pipes to screenhouses and some with drip irrigation
- This has increased water availability especially at Kibaha where we have 20, 000 litres tanks for harvesting and store rain water
- Our team has managed to sensitize people engage in multiplication of seeds and the number of multipliers increase with time

- When we started we used to sell without considering production cost and it was easy for roots multipliers to also use the same materials for roots
- With a lot of sensitization through radio, Tv, Agric shows, field days farmers are waking up
- Now they know the value of pre-basic seeds and they only come to get vines for multiplications
- We all realize that marketing approach need to be very strategic to change altitude of people



New  
screenhouses  
and storage  
water tank at  
TARI Ukiriguru



## Multiplication of Pre-basic at TARI Kibaha





We all  
work  
together to  
sensitize  
and make  
sure we  
change the  
chapter of  
OFSP in  
tanzania

