

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



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						
1 Tacna	X*	X*	X*			
2 Maphuta	X*	X*	X*			
3 RW11-3736					X	X
4 RW11-17					X	X
5 Rw11-5091					X	X
6 RW11-4923 (Mbakungahaze)					X	X
7 Terimbere	X*	X*	X*	X*	X*	X*
8 Gihingumukungu	X*	X*	X*	X*	X*	X*
9 Vita	X	X	X	X	X	X
10 Kabode	X	X	X	X	X	X

Table 1a: Varieties under pre-basic seed production: 2015-2018 con't



Varieties/year	Actual				Planned	
	2015	2016	2017	2018	2019	2020
No. varieties						
11 Mugande			X*	X*	X*	X*
12 Ndamirabana (2910)	X*	X*	X*	X*	X*	X*
13 Giramata (RW11-1860)	X*	X*	X*	X*	X*	X*
14 Maryoha(Rw11-17)					X*	X*
15 Izirwe: RW-11-2419					X*	X*
16 RW-5091					X*	X*
17 Rw 11-4923					X*	X*
18 Otada 24					X*	X*
19 New Kawogo 193					X*	X*
* No. cleaned up	8	8	9	7	17	17

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



Varieties/year	Actual				Planned	
	2015	2016	2017	2018	2019	2020
No. varieties						
1 Tacna	X*	X*	X*	X	X	X
2 Maphuta	X*	X*	X*	X	X	X
3 UW-11906	X*	X*	X*	X*	X*	X*
4 RW11-3736				X*	X	X
5 RW11-17				X*	X	X
6 Rw11-5091				X*	X	X
7 RW11-4923 (Mbakungahaze)				X*	X	X
8 Kakamega 7	X*	X*	X*	X*	X*	X*
9 Ukerewe	X*	X*	X*	X*	X*	X*
10 Terimbere	X*	X*	X*	X*	X*	X*
11 Gihingumukungu	X*	X*	X*	X*	X*	X*
12 Vita	X	X	X	X	X	X
13 Kabode	X	X	X	X	X	X

Table 1b: Varieties in conservation/maintenance 2015-2018 con't



Varieties/year	Actual				Planned	
	2015	2016	2017	2018	2019	2020
No. varieties						
14 Mugande			X*	X*	X*	X*
15 Ndamirabana (2910)	X*	X*	X*	X*	X*	X*
16 Giramata (RW11-1860)	X*	X*	X*	X*	X*	X*
17 Maryoha(Rw11-17)					X*	X*
18 Izirwe: RW-11-2419					X*	X*
19 RW-5091					X*	X*
20 Rw 11-4923					X*	X*
21 Otada 24					X*	X*
22 New Kawogo 193					X*	X*
* No. cleaned up	11	11	12	16	22	22

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



			Planned		
	Varieties/year	Flesh colour	2018	2019	2020
	No. varieties			X	
1	RW-5091	O		X	
2	Rw 11-4923	O		X	
3	Otada 24	C		X	
4	New Kawogo 193	C		X	
5	RW2005-133	Y		X	
6	RW2000-038	Y		X	
7	RW2000-040	Y		X	
8	RW2002-154	C		X	
9	RW2002-155	C		X	
	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	15-20 cm	40000	45000	135000	260700	260700	232320
Basic seed seed cuttings produced	30-40 cm	900000	1200000	810540	727650	727650	727650
Prebasic seed cuttings sold	15-20 cm			8000	5000		
Basic seed cuttings sold	30-40 cm	20500	228440	12000	95000		
Revenue from prebasic seed sales	Local currency			8000	950000		
Revenue from basic seed sales	Frw	205000	2284400	120000	50000		

Outcome story

- Status of production of EGS 2015
- Production of Prebasic seed with 4 OFSP (Gihingamukungu, Cacearpedo, Terimbere and Ndamirabana) in SC and Net tunnels with of 6000 cuttings
- Status of production of EGS 2018 (6 varieties)
- Vita and Kabode (in SC, Net tunnels and Mobile net tunnels) with a capacity of 28500 cuttings
- RAB senior manager support the SP-BZPLN and RF initiative



Outcome story



- Use of growing calendar and business plan in EGS
- Skills in TC, SC, Net tunnels management increased
- **SP seed field standards produced**
- Strengthen linkages with DVMs to get registration / 95 DVMs
- RAB senior manager support the SP-BZPL seed and RF initiative
- Sweetpotato EGS business plan and revolving fund Validation Study of RAB/ **Positive impact with spill over impact on other commodities/ Cassava and Potato**
- SP pricing strategy from 10 frw to 31 frw per cut

