



**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



		Actual				Planned	
Varieties/year		2015	2016	2017	2018	2019	2020
<b>No. varieties</b>							
<b>1 Name</b>							
<b>2</b> Olympia		X	X	X	X	X	X
<b>3</b> Chumfwa		X	X	X	X	X	X
<b>4</b> Chiwoko		X	X	X	X		
<b>5</b> Kalungwishi		X	X	X			
<b>6</b> Lunga		X	X				
<b>7</b> Kanga		X	X				
<b>8</b> Zambezi/2			X	X	X	X	X
<b>9</b> Lukulu		X	X				
<b>10</b> Mansa Red			X	X	X	X	X
<b>11</b>							
<b>12</b>							
<b>13</b>							
<b>No. cleaned up</b>			<b>6</b>		<b>7</b>		

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



	Varieties/year	Location	Actual				Planned	
			2015	2016	2017	2018	2019	2020
	<b>No. varieties</b>							
	<b>1 Name</b>							
<b>2</b>	Olympia	TC/SH	X	X	X	X	X	X
<b>3</b>	Chumfwa	TC/SH	X	X	X	X	X	X
<b>4</b>	Chiwoko	TC/SH	X	x	X	X	X	X
<b>5</b>	Kalungwishi	TC/SH	X	x	X	X	X	X
<b>6</b>	Lunga	TC/SH	X	x	X	X	X	X
<b>7</b>	Chingovwa	TC/SH	X	x	X	X	X	X
<b>8</b>	Lukulu	TC/SH	X	x	X	X	X	X
<b>9</b>	Lunga	SH	X	x	X	X	X	X
<b>10</b>	Lukusashi	SH	X	x	X	X		
<b>11</b>	Mansa red	SH		X	X	X	X	X
<b>12</b>	Zambezi	SH	X	X	X	X	X	X
<b>13</b>	Zambezi/2	SH			X	X	X	X
	<b>No. cleaned up</b>							

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



			Planned		
	Varieties/year	Flesh colour	2018	2019	2020
	<b>No. varieties</b>				
<b>1</b>	<b>Name</b>				
<b>2</b>	Mansa Red	Orange		X	
<b>3</b>	Zambezi/2	Orange		X	
<b>4</b>					
<b>5</b>					
<b>6</b>					
<b>7</b>					
<b>8</b>					
<b>9</b>					
<b>10</b>					
<b>11</b>					
<b>12</b>					
<b>13</b>					
	<b>No. cleaned up</b>		<b>2</b>		

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



Year	Unit length	Actual				Planned	
		2015	2016	2017	2018	2019	2020
Prebasic seed cuttings produced	30	457700	213280	23760	61506	123012	123012
Basic seed seed cuttings produced	30	1470000	1779650	66627	57540	172620	172620
Prebasic seed cuttings sold			83333	118482	23400		
Basic seed cuttings sold			166667				
Revenue from prebasic seed sales	Local currency		25000	35000	7020		
Revenue from basic seed sales			50000				

- Outcry from seed producers for pre-basic seed esp of self pollinated and vegetatively propagated varieties
- ZARI as a major player in developing varieties played a limited role
- Efforts were ad hoc and random
- Demand estimation was a challenge

# Outcome story – Seed Unit



- With the Sweetpotato EGS being implemented, the Seed Unit was borne
- It was decided to license the hybrid varieties and some OPVs
  - Loyalties collected
- Stakeholder meetings and Seed fair to create and estimate demand

- Seed growers mandated by Law to obtain clean seed from known source
  - Research
  - Certified entity
- Guarantees EGS sells
- Sell of leaves for sweetpotato
- Root production