

Common Name	Safare
Plant Type estimate	Semi-erect (75-150 cm)
Ground Cover estimate	Low (<50%)
Predominant Vine Color	Green with many purple spots
Secondary Vine Color	Purple nodes
Vine Tips Pubescence	Sparse
Vine internode diameter	Intermediate (7-9 mm)
Vine internode length	Intermediate (6-9 cm)
General Outline of leaf	Triangular
Leaf Lobes Type estimate	Slight
Leaf Lobe Number	3 Lobe
Shape of Central Lobe	Triangular
Abaxial Leaf Vein color	Purple spot in the base of main rib
Immature Leaf Color	Green
Mature Leaf Color	Green
Mature Leaf Size estimate	Medium (8-15 cm)
Petiole length estimate	Short (10-20 cm)
Petiole Pigmentation	Green with purple spots throughout petiole
Flower color estimate	#NULL!
Storage Root Shape	Long elliptic
Predominant Skin Color	Dark purple
Intensity of Predominant Skin Color	Dark
Secondary Skin color	#NULL!
Predominant Flesh Color	Pale yellow
Secondary Flesh color	Purple
Distribution of Secondary Flesh Color	In longitudinal sections
Storage Root Cortex	Thin (1-2 mm)
Dry Matter %	28.6
Protein (%)	2.343256
b-carotene (mg/100g DW)	Purple
Fe (mg/100g DW)	0.9744287
Zn (mg/100g DW)	0.7431345
Ca (mg/100g DW)	70.0435791
Mg (mg/100g DW)	37.815567
Starch (%)	69.3739319
Fructose (%)	2.4731703
Glucose (%)	3.2143941
Sucrose (%)	10.4956274
Maltose (%)	0.6586466

TRIAL METADATA

Title	Morphological Characterisation Trial for the 100 Best Bet Sweetpotato Germplam in sub-Sahara Africa		
Leader	Dr. Jan Low and Dr. Benjamin Musembi Kivuva		
Collaborators	Edward Carey; Robert Mwanga; Jolien Swankert; Bramwel Wanjala; Luka Wanjohi; Faith Njunge;		
Affiliation	Kenya Agricultural & Livestock Research Organization (KALRO) and the International Potato Center (CIP)		
Contact_name	Jolien Swankert		
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Contact_e-mail	J.Swanckaert@cgiar.org		
Crop	Sweetpotato		
Language	English		
Contributor_cente	International Potato Center		
Contributor_CRP	CGIAR Roots, Tubers & Bananas		
Contributor_funde	Bill and Melinda Gates Foundation (BMGF)		
Project_name	Sweetpotato for Action and Health in Africa (SASHA)		
Begin_date	43221		
End_date	43374		
Format	xlsx		
Software_name	SWEETPOTATOBASE.ORG; HIDAP; FieldBook App;		
Version	NA		
CIP_Region	sub-Sahara Africa (SSA)		
Continent	Africa		
Country	Kenya		
Admin1	Makueni County		
Admin2	Makindu		
Admin3	KARLO Kiboko sub-Center		
Locality	Kiboko		
Site_short_name	Kiboko		
Elevation	1000 Meters		
Latitude	2° 10' and 2° South		
Longitude	37° 40' and 37° 55' East		
Experimental_desi	Randomized Complete Block Design		
Experimental_desi	RCBD		
Number_of_replici	4		
Block_size_(applic	NA		
Experimental_Envi	Field		
Number_of_plants	10		