

Common Name	Sumaia
Plant Type estimate	Semi-erect (75-150 cm)
Ground Cover estimate	Total (> 90%)
Predominant Vine Color	Green
Secondary Vine Color	Absent
Vine Tips Pubescence	Absent
Vine internode diameter	Intermediate (7-9 mm)
Vine internode length	Short (3-5 cm)
General Outline of Leaf	Lobed
Leaf Lobes Type estimate	Very deep
Leaf Lobe Number	5 Lobe
Shape of Central Lobe	Elliptic
Abaxial Leaf Vein Color	Green
Immature Leaf Color	Green with purple edge
Mature Leaf Color	Green
Mature Leaf Size estimate	Medium (8-15 cm)
Petiole length estimate	Short (10-20 cm)
Petiole Pigmentation	Green
Flower color estimate	Pale purple limb with purple throat
Storage Root Shape	Long elliptic
Predominant Skin Color	Brownish orange
Intensity of Predominant Skin Color	Intermediate
Secondary Skin Color	#NULL!
Predominant Flesh Color	Intermediate orange
Secondary Flesh Color	Yellow
Distribution of Secondary Flesh Color	In longitudinal sections
Storage Root Cortex Thickness	Intermediate (2-3 mm)
Dry Matter %	19.8
Protein (%)	2.0811901
b-carotene (mg/100g DW)	20.9015503
Fe (mg/100g DW)	1.3662477
Zn (mg/100g DW)	0.9933829
Ca (mg/100g DW)	93.1713867
Mg (mg/100g DW)	104.9501343
Starch (%)	55.2725754
Fructose (%)	8.9774237
Glucose (%)	12.9491596
Sucrose (%)	6.5021935
Maltose (%)	0.4179802

TRIAL METADATA

Title	Morphological Characterisation Trial for the 100 Best Bet Sweetpotato Germplasm in sub-Saharan 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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Crop	Sweetpotato
Language	English
Contributor_center	International Potato Center
Contributor_CRP	CGIAR Roots, Tubers & Bananas
Contributor_funder	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-Saharan 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_design	Randomized Complete Block Design
Experimental_design	RCBD
Number_of_replicates	4
Block_size_(applicator)	NA
Experimental_Environment	Field
Number_of_plants	10