

Common Name	Kaphulira
Plant Type estimating 3-9	Semi-erect (75-150 cm)
Ground Cover estimating 3-9	Total (> 90%)
Predominant Vine Color estimating 1-9	Green with many dark purple spots
Secondary Vine Color estimating 0-7	Absent
Vine Tips Pubescence estimating 0-7	Absent
Vine internode diameter estimating 1-9	Intermediate (7-9 mm)
Vine internode length estimating 1-9	Intermediate (6-9 cm)
General Outline of the Leaf estimating 1-7	Triangular
Leaf Lobes Type estimating 0-9	Very slight (teeth)
Leaf Lobe Number estimating 1-9	5 Lobe
Shape of Central Leaf Lobe estimating 0-9	Triangular
Abaxial Leaf Vein Pigmentation estimating 1-9	All veins mostly or totally purple
Immature Leaf Color estimating 1-9	Green with purple edge
Mature Leaf Color estimating 1-9	Green
Mature Leaf Size estimating 3-9	Large (16-25 cm)
Petiole length estimating 1-9	Long (31-40 cm)
Petiole Pigmentation estimating 1-9	Green with purple spots throughout petiole
Flower color estimating 1-6	#NULL!
Storage Root Shape estimating 1-9	Long elliptic
Predominant Skin color estimating 1-9	Cream
Intensity of Predominant Skin color estimating 1-3	Intermediate
Secondary Skin color estimating 1-10	#NULL!
Predominant Flesh color estimating 1-9	Pale orange
Secondary Flesh color estimating 0-9	Cream
Distribution of Secondary Flesh color estimating 0-9	Scattered spots in flesh
Storage Root Cortex Thickness estimating 1-9	Intermediate (2-3 mm)
Dry Matter %	27
Protein (%)	3.3510475
b-carotene (mg/100g) DW (Lima)	34.8347778
Fe (mg/100g) DW	1.4616771
Zn (mg/100g) DW	0.8799119
Ca (mg/100g) DW	13.6940918
Mg (mg/100g) DW	62.0943451
Starch (%)	64.5170898
Fructose (%)	3.1947365
Glucose (%)	4.4437118
Sucrose (%)	10.1868439
Maltose (%)	0.5207319

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_abbreviation	RCBD
Number_of_replications_or_blocks	4
Block_size_(applicable_for_BIBD_only)	NA
Experimental_Environment	Field
Number_of_plants_planted_per_plot	10