

Common Name	Melinda
Plant Type estimate	Spreading (151-250 cm)
Ground Cover estimate	8
Predominant Vine Color	Mostly purple
Secondary Vine Color	Absent
Vine Tips Pubescence	Sparse
Vine internode diameter	Thin (4-6 mm)
Vine internode length	Long (10-12 cm)
General Outline of Leaf	Lobed
Leaf Lobes Type estimate	Moderate
Leaf Lobe Number	5 Lobe
Shape of Central Lobe	Elliptic
Abaxial Leaf Vein Color	Main rib partially purple
Immature Leaf Color	Green with purple edge
Mature Leaf Color	Green
Mature Leaf Size estimate	Small (<8 cm)
Petiole length estimate	Short (10-20 cm)
Petiole Pigmentation	Totally or mostly purple
Flower color estimate	#NULL!
Storage Root Shape	Round elliptic
Predominant Skin Color	Cream
Intensity of Predominant Skin Color	Dark
Secondary Skin Color	#NULL!
Predominant Flesh Color	Pale orange
Secondary Flesh Color	Absent
Distribution of Secondary Flesh Color	Absent
Storage Root Cortex Thickness	Intermediate (2-3 mm)
Dry Matter %	20
Protein (%)	1.9106846
b-carotene (mg/100g DW)	8.9185333
Fe (mg/100g DW)	1.3995013
Zn (mg/100g DW)	0.726275
Ca (mg/100g DW)	41.0491943
Mg (mg/100g DW)	58.9759064
Starch (%)	57.5836601
Fructose (%)	8.6636457
Glucose (%)	10.9039001
Sucrose (%)	5.5679779
Maltose (%)	0.3302135

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