

Common Name	Bie
Plant Type estimate	Semi-erect (75-150 cm)
Ground Cover estimate	High (75-90%)
Predominant Vine Color	Totally dark purple
Secondary Vine Color	Absent
Vine Tips Pubescence	Absent
Vine internode diameter	Thin (4-6 mm)
Vine internode length	Short (3-5 cm)
General Outline of Leaf	Triangular
Leaf Lobes Type estimate	Very slight (teeth)
Leaf Lobe Number	7 Lobe
Shape of Central Lobe	Triangular
Abaxial Leaf Vein Color	All veins mostly or totally purple
Immature Leaf Color	Slightly purple
Mature Leaf Color	Green with purple edge
Mature Leaf Size estimate	Medium (8-15 cm)
Petiole length estimate	Short (10-20 cm)
Petiole Pigmentation	Totally or mostly purple
Flower color estimate	Pale purple limb with purple throat
Storage Root Shape	Long irregular or curved
Predominant Skin Color	Dark purple
Intensity of Predominant Skin Color	Dark
Secondary Skin Color	#NULL!
Predominant Flesh Color	Cream
Secondary Flesh Color	Purple
Distribution of Secondary Flesh Color	Covering all flesh
Storage Root Cortex Thickness	Intermediate (2-3 mm)
Dry Matter %	32.8
Protein (%)	2.4373569
b-carotene (mg/100g DW)	
Fe (mg/100g DW)	1.1813202
Zn (mg/100g DW)	0.8440819
Ca (mg/100g DW)	69.109375
Mg (mg/100g DW)	66.2722778
Starch (%)	72.0241089
Fructose (%)	1.6548729
Glucose (%)	2.4894848
Sucrose (%)	9.3182783
Maltose (%)	0.277689

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