

DESCRIPTOR FOR FARMERS' KNOWLEDGE ON GUAVA (MBERA)

1 IDENTIFIERS		
FIELD WORK DATE 2019/01/29		
FIELD WORK ACTIVITY-FOCUSED GROUP DISCUSSION		
AGE 27-78 YEARS		
NAME OF LOCAL INFORMATION PROVIDER-MWIRUTI WOMEN GROUP		
MAIN OCCUPATION-FARMER		
ADDRESS -		
ETHNIC GROUP KIKUYU; KISII		
NAME OF PERSON CONDUCTING THE INTERVIEW LYDIAH NYAMBURA-SEED SAVERS NETWORK		
2 PLANT IDENTIFICATION		
GENUS <i>Psidium</i>	SPECIES <i>myrtaceae</i>	
COMMON NAME OF CROP OR WILD SPECIES GUAVA		
SPECIES RICHNESS- 2		
3 SITE (ECOGEOGRAPHICAL CONTEXT)		
COUNTRY KENYA		
LATITUDE	LONGITUDE	ELEVATION
LOCATION OF FIELDWORK SITE KANYAWA		
Name of the location or nearest place DIATOMITE		
Distance to site 7KM		

Type of distance Road distance
Direction from the nearest places-
LAND ELEMENT VALLEY FLOOR
4 RELATIVE ABUNDANCE
IN CULTIVATED AREAS
TOTAL AREA OF FARM LAND USED IN HA-
IN UNCULTIVATED AREAS-
NUMBER OF COLLECTING SITES/NICHES-
ESTIMATED AREA OF EACH COLLECTING SITE-FREQUENCY OF COLLECTION (if uncultivated)-
REASON FOR FREQUENCY OF COLLECTION-

Name of the cultivar/landrace/botanical variety or wild form				
Plant further identification	Local vernacular names	Mbera; Amapera		
	Language(s) of local vernacular name	kikuyu; Kisii		
	Local name meaning	Grows everywhere		
	Biological status	Traditional cultivar		
Relative abundance	Area cultivated for each cultivar	–		
	Number of plants	–		
	Total uncultivated area	–		
	Relative abundance of the plant (if uncultivated)	Rare		
Main reasons for using the cultivar / landrace or wild form		Agronomic characteristics ;food security/scarcity; resistance to abiotic stress		
TRADITIONAL KNOWLEDGE ABOUT PLANT	Distinguishing traits /characteristics used	Parts of the plant used	leaf; fruit; stem; root	
		Plant uses	fodder; fuel; medicinal; environment	
		Parts of the plant used	fruit; leaves; stem; seed	
		Traits attribute	Color; shape; size; texture; taste	
		Agronomic traits	Overall appearance; yield	
		Abiotic stresses	Drought; water logging; high temperature	
		Biotic stresses	diseases	–
			Pests	Caterpillar
			Other biotic stresses	–
		Quality traits related to the food uses	Organoleptic qualities	Taste; sweet scent; fragrance intensity
			Nutritional qualities	Reduces sugar level; instant energy
			Other quality traits	High fiber
		Market traits		Marketability; perishable; easy to transport

	Social aspects	Division of labour by gender	Labour	Sowing; harvesting; conservation; utilization
			Gender	Predominantly Female
	Socio-economic characteristics		Seed supply	Local /regional market
			Main use of plant	Home consumption
			Main form of market outlet	Local

Collector's notes

Leaves can be boiled to cure diabetes

Its stem is soft and not straight

They are small sizes

The plant have white flowers in all varieties

It's resistant to water logging. Does well especially where flooded

Have high fiber

Causes constipation if eaten a lot

If cut it regenerates easily.

There are two varieties of guava white inside when ripe and red inside when ripe