

DESCRIPTOR FOR FARMERS' KNOWLEDGE ON LOQUATS(MBUTHA)

1 IDENTIFIERS
FIELD WORK DATE 2019/3/26
FIELD WORK ACTIVITY- FOCUSED GROUP DISCUSSION
AGE 27-78
NAME OF LOCAL INFORMATION PROVIDER- MWIRUTI WOMEN GROUP
MAIN OCCUPATION- FARMER
ADDRESS KANYAWA
ETHNIC GROUP AGIKUYU; ABAGUSII
NAME OF PERSON CONDUCTING THE INTERVIEW LYDIAH NYAMBURA-SEED SAVERS
2 PLANT IDENTIFICATION
GENUS <i>Rosaceae</i> SPECIES <i>eriobotrya</i>
COMMON NAME OF CROP OR WILD SPECIES LOQUATS
SPECIES RICHNESS -
3 SITE (ECOGEOGRAPHICAL CONTEXT)
COUNTRY KENYA COUNTY NAKURU SUBCOUNTY GILGIL WARD GILGIL VILLAGE KANYAWA
LATITUDE E36° 16.960' LONGITUDE S0° 27.711' ELEVATION 5754ft
LOCATION OF FIELDWORK SITE
NAME OF THE LOCATION OR NEAREST PLACE KANYAWA

DISTANCE TO SITE **10KM (FROM SEED SAVERS)**

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	MBUTHA;		
	Language(s) of local vernacular name	kikuyu; kisii		
	Local name meaning	Kisii; kikuyu(Seed ringing inside like gafuthu)		
	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		
TRADITIONAL KNOWLEDGE ABOUT PLANT	Distinguishing traits /characteristics used	Main reasons for using the cultivar / landrace or wild form	food security	
		Parts of the plant used	leaf; fruit; stem	
		Plant uses	Apiculture; fuel; fodder; medicinal; environmental	
		Parts of the plant used	fruit; leaf	
		Traits attribute	Color	
		Agronomic traits	yield	
		Abiotic stresses	Drought; water logging; high temperature	
		Biotic stresses	diseases	-
			Pests	catterpillar;Birds
			Other biotic stresses	–
		Quality traits related to the food uses	Organoleptic qualities	Taste(sweet)
			Nutritional qualities	Has high vitamins; fiber
			Other quality traits	-
		Market traits	marketability	

	Social aspects	Division of labor by gender	Labor	Sowing; harvesting; conservation; utilization
			Gender	Predominantly Female
	Socio-economic characteristics		Seed supply	Exchange with neighbors; local market
			Main use of plant	Home consumption
			Main form of market outlet	local

Collector's notes

Leaves are boiled to produce juice that cures diarrhea

Livestock eats the leaves

Trunk is used as fuel (charcoal; firewood)

Trunk is also used as timber for construction

Splits to the ground and grows naturally

For fodder

Its resistance to drought

End of the leaves have some thorn

When it's overripe is eaten by caterpillar

Has no diseases

Has water and makes people kill thirst

Not planted a lot

