

DESCRIPTOR FOR FARMERS KNOWLEDGE ON YELLOW MAIZE

1 IDENTIFIERS
FIELD WORK DATE: 2019/08/06
FIELD WORK ACTIVITY: FOCUSED GROUP DISCUSSION ON CHARACTERIZATION OF YELLOW MAIZE
AGE: 21-75
NAME OF LOCAL INFORMATION PROVIDER: KARUNGA FARMERS
MAIN OCCUPATION: FARMERS
ADDRESS: KARUNGA VILLAGE
ETHNIC GROUP: AGIKUYU
NAME OF PERSON CONDUCTING THE INTERVIEW: PERIS KAMAU SEED SAVERS NETWORK
2 PLANT IDENTIFICATION
GENUS <i>Zea</i> SPECIES <i>mays</i>
COMMON NAME OF CROP OR WILD SPECIES: MAIZE
SPECIES RICHNESS: -
3 SITE (ECOGEOGRAPHICAL CONTEXT)
COUNTRY: KENYA -; COUNTY: NAKURU -; SUB COUNTY: GILGIL-; WARD: MALEWA -, VILLAGE : KARUNGA
LATITUDE: E36° 21.875' LONGITUD: S0° 24.549' ELEVATION: 7392 ft
LOCATION OF FIELDWORK SITE
NAME OF THE LOCATION OR NEAREST PLACE: KARUNGA CENTRE

DISTANCE TO SITE: **22 KM (FROM SEED SAVERS)**

TYPE OF DISTANCE: **ROAD DISTANCE**

DIRECTION FROM THE NEAREST PLACES:-

LAND ELEMENT: **OPEN DEPRESSION**

4 RELATIVE ABUNDANCE

IN UNCULTIVATED AREAS:-

NUMBER OF COLLECTING SITES/NICHES:-

ESTIMATED AREA OF EACH COLLECTING SITE:-

FREQUENCY OF COLLECTION (if uncultivated):-

Name of the cultivar/landrace/botanical variety or wild form					
Plant further identification	Local vernacular names	Agikuyu			
	Language(s) of local vernacular name	bembe -,amabere-,mosoniki			
	Local name meaning	-			
	Biological status	Traditional cultivar/landrace			
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	Main reasons for using the cultivar / landrace or wild form		Food security/scarcity		
	Parts of the plant used		Leaf		
	Plant uses		Food-,Fuel- ,Cultural use- ,Environmental use (erosion control, windbreaker)		
	Distinguishing traits /characteristics used	Parts of the plant used		Leaf- ,Stem/trunk -,Seed	
		Traits attribute		Taste	
		Agronomic traits		Yield	
		Abiotic stresses		Water logging	
		Biotic stresses	diseases	Leaf rust	
			Pests	Aphids-,weevils-,birds	
			Other biotic stresses	Livestock attack	
		Quality traits related to the food uses	Organoleptic qualities	Eating quality	
			Nutritional qualities	Source of starch-,fibre	
			Other quality traits		
		Market traits		Shelf life/storage ability	
		Social aspects	Division of labour by gender	Labour	Sowing -, Harvesting -, Conservation/storage -,Processing -,Utilization
				Gender	Both male and female
Socio-economic characteristics		Seed supply		Own harvest -,Exchanges with relatives, neighbours	
		Main use of plant		Home consumption (including for animal fodder)	
	Main form of market outlet		Local market		

COLLECTORS NOTES

1. **Highly tolerant to pest and diseases**
2. **Yellow maize can be grown in areas with low rainfall**
3. **Highly nutritious when fed to livestock, increases milk production**



Yellow maize