

## DESCRIPTOR FOR FARMERS KNOWLEDGE ON LUGURU SORGHUM

<b>1 IDENTIFIERS</b>
FIELD WORK DATE: <b>2019/03/26</b>
FIELD WORK ACTIVITY: <b>FOCUSED GROUP DISCUSSION</b>
NAME OF LOCAL INFORMATION PROVIDER: <b>KAMPI FARMERS</b>
AGE: <b>22-75 YEARS</b>
MAIN OCCUPATION: <b>FARMERS</b>
ADDRESS: <b>KAMPI VILLAGE</b>
ETHNIC GROUP: <b>AGIKUYU,TURKANA.KALENJIN,ABALUHYA,MASAAI</b>
NAME OF PERSON CONDUCTING THE INTERVIEW: <b>ELPHAS MASANGA-SEED SAVERS NETWORK</b>
<b>2 PLANT IDENTIFICATION</b>
GENUS <i>Sorghum</i> SPECIES <i>bicolor</i>
COMMON NAME OF CROP OR WILD SPECIES: <b>LUGURU SORGUM/MTAMA</b>
SPECIES RICHNESS: -
<b>3 SITE (ECOGEOGRAPHICAL CONTEXT)</b>
COUNTRY: <b>KENY</b> COUNTY: <b>NAKURU</b> SUB COUNTY: <b>RONGAI</b> WARD: <b>KAMPI YA MOTO</b> VILLAGE : <b>KAMPI YA MOTO</b>
LATITUDE: <b>E35° 55.599'</b> LONGITUD: <b>S0° 06.924'</b> ELEVATION: <b>5724 ft</b>
<b>LOCATION OF FIELDWORK SITE</b>
NAME OF THE LOCATION OR NEAREST PLACE: <b>KAMPI YA MOTO</b>

DISTANCE TO SITE: <b>161 KM FROM SEED SAVERS NETWORK OFFICES</b>
TYPE OF DISTANCE: <b>ROAD DISTANCE</b>
DIRECTION FROM THE NEAREST PLACES:-
LAND ELEMENT: <b>Plain level</b>
<b>4 RELATIVE ABUNDANCE</b>
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;luhya;kalenjin	
	Language(s) of local vernacular name		Muhia ; amabere;mosoniki	
	Local name meaning		Amabere-can be grown in any climatic zone	
	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)	
	Parts of the plant used		Leaf- ,Stem/trunk -,Seed	
	Traits attribute		Taste	
	Agronomic traits		High yielding	
	Abiotic stresses		-	
	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 minerals
		Other quality traits		-
	Market traits		Highly marketable	
	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. Luguru sorghum can be grown in areas with low rainfall
3. Highly nutritious when fed to infants
4. Porridge made from luguru sorghum has a good sour taste
5. Used to make local brew (busaa) among luhya community
6. Used to control "githuka" in children's