

## DESCRIPTOR FOR FARMERS KNOWLEDGE ON RED 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; MASAII</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>RED SORGHUM</b>
SPECIES RICHNESS: -
<b>3 SITE (ECOGEOGRAPHICAL CONTEXT)</b>
COUNTRY: <b>KENYA</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° 55.612'</b> LONGITUD: <b>S0° 06.952'</b> ELEVATION: <b>5636 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):-



Red sorghum

Name of the cultivar/landrace/botanical variety or wild form			
Plant further identification	Local vernacular names	Kikuyu;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	Distinguishing traits /characteristics used	Main reasons for using the cultivar / landrace 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	Yield
		Abiotic stresses	susceptible to water logging
		Biotic diseases	Resistant to diseases

	stresses	Pests		affected by birds at field level and weevils in the store
		Other biotic stresses		
	Quality traits related to the food uses	Organoleptic qualities		Eating quality
		Nutritional qualities		Source of starch ; fiber
		Other quality traits		
	Market traits			Shelf life/storage ability
	Social aspects	Division of labour by gender	Labour	Sowing; Harvesting ;- Conservation/storage
			Gender	4;-Processing ;-Utilization
	Socio-economic characteristics		Gender	Both
			Seed supply	Own harvest ;-Exchanges with relatives, neighbours
			Main use of plant	Home consumption (including for animal fodder)
			Main form of market outlet	Local

### COLLECTORS NOTES

1. Red sorghum has high nutritional value
2. Fermented porridge from red sorghum increases digestion
3. Used when preparing tea where it acts as a beverage
4. Used also as a raw material to make alcohol