

## DESCRIPTOR FOR FARMERS' KNOWLEDGE ON RED COWPEAS

<b>1 IDENTIFIERS</b>
FIELD WORK DATE <b>2019/03/13</b>
FIELD WORK ACTIVITY- <b>FOCUSED GROUP DISCUSSION</b>
NAME OF LOCAL INFORMATION PROVIDER- <b>FOUR WAY ROAD FARMERS</b>
AGE <b>35-80 YEARS</b>
MAIN OCCUPATION <b>FARMER</b>
ADDRESS <b>MARAIGUSHU</b>
ETHNIC GROUP <b>AGIKUYU</b>
NAME OF PERSON CONDUCTING THE INTERVIEW <b>LYDIAH NYAMBURA-SEED SAVERS NETWORK</b>
<b>2 PLANT IDENTIFICATION</b>
GENUS <i>Vigna</i> SPECIES <i>unguiculata</i>
COMMON NAME OF CROP OR WILD SPECIES <b>RED COWPEAS</b>
SPECIES RICHNESS-
<b>3 SITE (ECOGEOGRAPHICAL CONTEXT)</b>
COUNTRY <b>KENYA</b> COUNTY <b>NAKURU</b> SUBCOUNTY <b>GILGIL</b> WARD <b>GILGIL</b> VILLAGE <b>KANYAWA</b>
LATITUDE <b>E36° 29.072'</b> LONGITUD <b>S0° 45.431'</b> ELEVATION <b>6944 ft.</b>
<b>LOCATION OF FIELDWORK SITE</b>
NAME OF THE LOCATION OR NEAREST PLACE <b>MARAIGUSHU</b>
DISTANCE TO SITE <b>141KM FROM SEED SAVERS NETWORK OFFICES</b>

TYPE OF DISTANCE <b>ROAD DISTANCE</b>
DIRECTION FROM THE NEAREST PLACES-
LAND ELEMENT <b>VALLEY FLOOR</b>
<b>4 RELATIVE ABUNDANCE</b>
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)-



*Red cowpeas*

<b>Plant further identification</b>	Local vernacular names		Thoroko ndune( red cowpeas)	
	Language(s) of local vernacular name		kikuyu	
	Local name meaning		Red in color and identifiable in other grains	
	Biological status		Traditional cultivar/landrace	
<b>Relative abundance</b>	Area cultivated for each cultivar		-	
	Number of plants		-	
	Total uncultivated area		-	
	Relative abundance of the plant (if uncultivated )		Rare	
<b>TRADITIONAL KNOWLEDGE ABOUT PLANT</b>	Main reasons for using the cultivar / landrace or wild form		Food security;	
	Parts of the plant used		Leaf; seed	
	Plant uses		Food ;fodder; environment	
	Distinguishing traits /characteristics used by farmers	Parts of the plant		Seed
		Traits attribute		Color;
		Agronomic traits		Overall appearance
		Abiotic stresses		Drought; high temperature
		Biotic stresses	diseases	-
			Pests	Caterpillar; aphids
			Other biotic stresses	-
		Quality traits related to the food uses	Organoleptic qualities	Taste,
			Nutritional qualities	vitamin protein
			Other quality traits	Fast cooking
		Market traits		Transportability
		Social aspects	Division of labor	Labor

			by gender	Gender	Predominantly female
		Socio-economic characteristics		Seed supply	Local market ;own harvest; exchange with neighbors
				Main use of plant	Home consumption;
				Main form of market outlet	local

**Collector's notes**

1. Matures early
2. Not affected by pest or diseases
3. Does not cause blotting unlike other peas but for old leaves its little bit bitter leaves
4. Believed to stop bleeding
5. Stays for long when cut dried to be preserved as vegetables
6. Resistant to drought and high temperatures