

DESCRIPTOR FOR FARMERS' KNOWLEDGE ON BLACK COWPEAS

1 IDENTIFIERS
FIELD WORK DATE 2019/02/16
FIELD WORK ACTIVITY- FOCUSED GROUP DISCCUSION
NAME OF LOCAL INFORMATION PROVIDER- FOUR WAY ROAD FARMERS
AGE 35-80 YEARS
MAIN OCCUPATION- FARMER
ADDRESS MARAIGUSHU
ETHNIC GROUP AGIKUYU
NAME OF PERSON CONDUCTING THE INTERVIEW LYDIAH NYAMBURA-SEED SAVERS NETWORK
2 PLANT IDENTIFICATION
GENUS <i>Vigna</i> SPECIES <i>unguiculata</i>
COMMON NAME OF CROP OR WILD SPECIES BLACK COWPEAS
SPECIES RICHNESS-
3 SITE (ECOGEOGRAPHICAL CONTEXT)
COUNTRY KENYA COUNTY NAKURU SUBCOUNTY NAIVASHA WARD MARAIGUSHU VILLAGE MARAIGUSHU
LATITUDE E36° 29.072' LONGITUDE S0° 45.431' ELEVATION 6944 Ft.
LOCATION OF FIELDWORK SITE

NAME OF THE LOCATION OR NEAREST PLACE KINAMBA
DISTANCE TO SITE 141km FROM SEED SAVERS NETWORK OFFICES
TYPE OF DISTANCE ROAD DISTANCE
DIRECTION FROM THE NEAREST PLACES-
LAND ELEMENT ROUNDED SUMMIT
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
REASONS FOR FREQUENCY OF COLLECTION-



Black cow peas

Plant further identification	Local vernacular names		Thoroko njiru		
	Language(s) of local vernacular name		kikuyu		
	Local name meaning		Identifiable in other grains and black in color		
	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; resistant to abiotic stresses; quality traits; market traits			
		Parts of the plant used		Leaf; seed	
		Plant uses		Food ;fodder; environment	
	Distinguishing traits /characteristics used by farmers	Parts of the plant		Leaf; Stem; Seed	
		Traits attribute		width	
		Agronomic traits		Yield; flowering precocity	
		Abiotic stresses		Drought	
		Biotic stresses	diseases	-	
			Pests	Caterpillar; aphids	
			Other biotic stresses	-	
		Quality traits related to the food uses	Organoleptic qualities		Eating quality; taste
			Nutritional qualities		Source of protein; leaves has iron and fiber
			Other quality traits		Cooks quickly
		Market traits		Marketability; transportability	

	Social aspects	Division of labor by gender	Labor	Sowing; harvesting; conservation
			Gender	Predominantly female
	Socio-economic characteristics		Seed supply	Local /regional market; exchange with relative,neighbours; own harvest
			Main use of plant	Home consumption
			Main form of market outlet	local

COLLECTORTS NOTES

1. Has white flowers
2. Can be used as traditional salt when leaves are grinded and added to white sand
3. It's easily identifiable in other cowpeas grains due to its color
4. Has good taste
5. It's good for market
6. It's used in rotational cropping due to its leguminous nature
7. Highly drought resistant
8. This pea is not affected by aphids
9. Does not cause blotting when consumed
10. Old leaves have bitter taste when cooked
- 11 its sap its applied to an open wound to stop bleeding
- 12 Stays for long when cut dried to be preserved as vegetables,