

DESCRIPTOR FOR FARMERS' KNOWLEDGE ON FLOWERED GACURI BEAN

1 IDENTIFIERS
FIELD WORK DATE 2019/03/18
FIELD WORK ACTIVITY FOCUSED GROUP DISCUSSION
NAME OF LOCAL INFORMATION PROVIDER KIKOPEY WAKULIMA S.H.G
AGE 35 TO 80 YEARS
MAIN OCCUPATION FARMER
ADDRESS KIAMOLO
ETHNIC GROUP AGIKUYU
NAME OF PERSON CONDUCTING THE INTERVIEW LYDIAH NYAMBURA- SEED SAVERS NETWORK
2 PLANT IDENTIFICATION
GENUS <i>Phaseolus</i> SPECIES <i>vulgaris</i>
COMMON NAME OF CROP OR WILD SPECIES FLOWERED GACURI BEAN
SPECIES RICHNESS-
3 SITE (ECOGEOGRAPHICAL CONTEXT)
COUNTRY KENYA COUNTY NAKURU SUBCOUNTY GILGIL WARD GILGIL VILLAGE KIAMOLO
LATITUDE E36° 17.198' LONGITUDE S0° 29.993 ELEVATION 6238 Ft.
LOCATION OF FIELDWORK SITE
NAME OF THE LOCATION OR NEAREST PLACE KIKOPEY

DISTANCE TO SITE 10KM FROM SEED SAVERS NETWORK OFFICES
TYPE OF DISTANCE ROAD DISTANCE
DIRECTION FROM THE NEAREST PLACES-
LAND ELEMENT VALLEY FLOOR
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) -
REASON FOR FREQUENCY OF COLLECTION -
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Flowered Gacuri

Name of the cultivar/landrace/botanical variety or wild form				
Plant further identification	Local vernacular names	Flowered Gacuri Bean		
	Language(s) of local vernacular name	kikuyu		
	Local name meaning	Self-threshing(pods break)		
	Biological status	Traditional cultivar		
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		
		Parts of the plant used	Leaf; seed	
		Plant uses	Food (cooked)	
	Distinguishing traits /characteristics used by farmers	Parts of the plant used		seed
		Traits attribute		Size
		Agronomic traits		Overall appearance; Yield
		Abiotic stresses		Drought
		Biotic stresses	diseases	-
			Pests	-
			Other biotic stresses	-
		Quality traits related to the food uses	Organoleptic qualities	Taste(bitter)
			Nutritional qualities	High protein levels
			Other quality traits	Cooks quickly
Market traits		shelf life		

	Social aspects	Division of labor by gender	Labor	Sowing; harvesting; conservation; processing;
			Gender	Predominantly female
	Socio-economic characteristics	Seed supply	Exchange with relatives and neighbors	
		Main use of plant	Home consumption	
		Main form of market outlet	-	

Collectors note

1. When dry, it becomes flat
2. It's eaten with other beans since it taste bitter and eating it with other beans helps to reduce pungency
3. It's like dolichos when cooked
4. Due to its pungency state is not affected by any storage pest
5. Its resistance to white flies and aphids
6. It's good for stomach upset since its bitter so believed to be medicinal
7. Its high yielding
8. It's forever green in the garden even in dry areas
9. Doesn't require a lot of water to grow
10. It does not dry in the garden unless you uproot it