

Serial Number

5

State

Boma State

Payam

Opora

Location tag

Lokri

Gender Group

Male

	Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7
Q1: What are the most important criteria that you look when you select your most preferred crops (select the most important 7 criteria for 10 crops max)?	High market demand	Good eating quality	High nutrient contents	Paste quality	Drought tolerant	Flood tolerant	Early maturing

Q2: Based on the above criteria now you select the 10 crops for preference analysis?

	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10
	Maize	Sorghum	Cassava	Banana	Papaya	Mango	Yam	Groundnut	Sweet potato	Sugar cane

Q3: Make A Matrix Crop to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the crop name and the trait will be autofilled from the questions 1 and 2

	Preferred traits ↓	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10
		Maize	Sorghum	Cassava	Banana	Papaya	Mango	Yam	Groundnut	Sweet potato	Sugar cane
Trait 1	High market demand	2	1	2	1	1	1	1	1	1	1
Trait 2	Good eating quality	3	2	3	2	2	2	2	2	2	2
Trait 3	High nutrients content	4	3	4	5	5	4	4	4	4	4
Trait 4	Paste/flour/ quality	5	4	1	4	4	3	3	3	3	3
Trait 5	Drought tolerance	7	5	5	7	6	6	6	5	5	5
Trait 6	Flood tolerance	6	6	7	3	7	7	5	7	6	6
Trait 7	Early maturing	1	7	6	6	3	5	7	6	7	7
	Total →	28	28	28	28	28	28	28	28	28	28

Q4: Select the 5 most preferred crops form above table. (select from drop down)

Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5
Sorghum	Maize	Cassava	Sweet potato	Groundnut

Q5: What are the common varieties grown for each above 5 crops? Select max 5 varieties per crop and Type (the crops will be autofilled in the red cells) →

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Sorghum	Alaange	Gaanga	Athwol		
Maize	Blinyo	Toome	Amara	Longe-5	
Cassava	Babara				
Sweet potatoes	Ajwaala				
Ground nut	Boma	Anywaa			

Q6A: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Sorghum		Alaange	Gaanga	Athwol		
	Good yield	1	1	1		
	Drought tolerance	2	2	3		
	High market demand	3	3	2		
	Flood tolerance	4	4	4		
	High nutrients content	5	6	5		
	Good eating quality	6	5	6		
	Early maturing	7	7	7		

Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Maize		Blinyo	Toome	Amara	Longe5	
	Good yield	2	3	1	1	
	Drought tolerance	7	6	5	7	
	High market demand	4	1	2	2	
	Flood tolerance	1	2	3	6	
	High nutrients content	3	4	4	3	
	Good eating quality	5	5	6	4	
	Early maturing	6	7	7	5	

Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Cassava		Babara				
	Good yield	2				
	Drought tolerance	1				
	High market demand	3				
	Flood tolerance	7				
	High nutrients content	4				
	Good eating quality	5				
	Early maturing	6				

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Sweet potatoes		Ajwaala (Red tubala)	White Suber			
	Good yield	2	1			
	Drought tolerance	3	2			
	High market demand	4	3			
	Flood tolerance	6	5			
	High nutrients content	5	4			
	Good eating quality	7	6			
	Early maturing	1	7			

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Groundnut		Boma	Anywaa	0	0	0
	Good yield	2	1			
	Drought tolerance	3	2			
	High market demand	4	3			
	Flood tolerance	7	6			
	High nutrients content	5	4			
	Good eating quality	1	5			
	Early maturing	6	7			

Serial Number	3
State	Boma State
Payam	Lukurnyang
Location tag	
Gender Group	Female

	Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7	
Q1: What are the most important criteria that you look when you select your most preferred crops (select the most important 7 criteria for 10 crops max)?	Good yield	Drought tolerant	High market demand	Good oil content	High nutrient contents	Good eating quality	Early maturing	

	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10		
Q2: Based on the above criteria now you select the 10 crops for preference analysis?	Maize	Sorghum	Pumpkin	Groundnut	Jute mallow	Cowpea	Onion	Tomato	Amaranth	Sukuma wiki		
	Preferred traits ↓	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10	
Q3: Make A Matrix Crop to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the crop name and the trait will be autofilled from the questions 1 and 2		Maize	Sorghum	Pumpkin	Groundnut	Jute mallow	Cowpea	Onion	Tomato	Amaranth	Sukuma wiki	Total ↓
	Trait 1	Good yield	6	1	3	6	4	6	2	2	1	37
	Trait 2	Drought tolerant	5	2	5	7	6	4	5	6	6	52
	Trait 3	High market demand	1	3	2	2	3	3	1	1	4	22
	Trait 4	Good oil content	7	7	6	3	7	7	7	7	7	65
	Trait 5	High nutrient contents	4	4	4	5	5	2	3	3	3	38
	Trait 6	Good eating quality	3	5	1	1	2	2	3	5	1	42
	Trait 7	Early maturing	2	6	7	4	1	1	4	4	5	39
	Total →		28	28	28	28	28	28	28	28	28	

Q4: Select the 5 most preferred crops form above table. (select from drop down)	Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5
	Maize	Sorghum	Jute mallow	Cowpea	Sukuma wiki

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Maize	Atila(yellow seeds)	Longe 5				
Sorghum	Bilinyang	Sesso 3				
Jute mallow	America	Murle				
Cowpea	Ngoor					
Sukuma wiki	Kusuma					

Q6A: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Maize	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		Good yield	Atila(yellow seeds)	Longe 5	0	0	0	
		Drought tolerant						
		High market demand						
		Good oil content						
		High nutrient content						
		Good eating quality						
		Early maturing						

Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Sorghum	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		Good yield	Bilinyang	Sorow (Sesso)	0	0	0	
		Drought tolerant						
		High market demand						
		Good oil content						
		High nutrient content						
		Good eating quality						
		Early maturing						

Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Jute mallow	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		Good yield	America	Murle	0	0	0	
		Drought tolerant						
		High market demand						
		Good oil content						
		High nutrient content						
		Good eating quality						
		Early maturing						

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Cowpea	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		Good yield	Ngoor	0	0	0	0	
		Drought tolerant						
		High market demand						
		Good oil content						
		High nutrient content						
		Good eating quality						
		Early maturing						

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Sukuma wiki	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		Good yield	Kusuma	0	0	0	0	
		Drought tolerant						
		High market demand						
		Good oil content						
		High nutrient content						
		Good eating quality						
		Early maturing						

Serial Number

4

State

Jonglei State

Payam

Nyandit

Location tag

Meer Boma

Gender Group

Female

	Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7
Q1: What are the most important criteria that you look when you select your most preferred crops (select the most important 7 criteria for 10 crops max)?	Good yield	Drought tolerant	High market demand	Flood tolerant	High nutrient contents	Good eating quality	Early maturing

	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10
Q2: Based on the above criteria now you select the 10 crops for preference analysis?	Maize	Pumpkin	Okra	Sugarcane	Sukumawiki	Common beans	Tea	Mango	Jute mallow	Cowpea

	Preferred traits ↓	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10
Q3: Make A Matrix Crop to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the crop name and the trait will be autofilled from the questions 1 and 2		Maize	Pumpkin	Okra	Sugarcane	Sukumawiki	Common beans	Tea	Mango	Jute mallow	Cowpea
	Trait 1	Good yield	1	2	4	4	1	3	2	1	4
	Trait 2	Drought tolerance	4	6	6	2	7	7	7	2	7
	Trait 3	High market demand	2	1	3	5	3	1	5	4	1
	Trait 4	Flood tolerance	7	5	7	3	6	6	6	6	7
	Trait 5	High nutrients content	6	4	5	1	5	4	4	3	2
	Trait 6	Good eating quality	3	3	2	6	2	2	3	5	3
	Trait 7	Early maturing	5	7	1	7	4	5	1	7	5
Total →											

Please change Sugarcane to Moringa and Tea to Tobacco

Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5
Maize	Pumpkin	Okra	Sugarcane	Sukumawiki

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Maize	Yellow corn	Longe-5	Multi-coloured kernel		
Pumpkin	Kulog Nuer	Kulong UN			
Okra	Pusa sawani	local variety			
Tobacco not sugarcane	Tap				
Sakuma wiki	Collard				

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Q6A: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Traits ↓	Low Corn (T)	Longe-5	Mixed kernel	
	Good yield	1	2	3	
	Drought tolerance	7	6	6	
	High market demand	2	3	4	
	Flood tolerance	6	7	7	
	High nutrients content	3	5	5	
	Good eating quality	4	1	2	
	Early maturing	5	4	1	

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Traits ↓	Kulog Nuer	Kulong UN		
	Good yield	2	1		
	Drought tolerance	6	7		
	High market demand	3	5		
	Flood tolerance	5	6		
	High nutrients content	4	3		
	Good eating quality	1	2		
	Early maturing	7	4		

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Traits ↓	en (Pusa saw)	White		
	Good yield	1	1		
	Drought tolerance	7	6		
	High market demand	2	4		
	Flood tolerance	6	7		
	High nutrients content	4	3		
	Good eating quality	5	2		
	Early maturing	3	5		

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Traits ↓	Tap			
	Good yield	2			
	Drought tolerance	7			
	High market demand	1			
	Flood tolerance	6			
	High nutrients content	5			
	Good eating quality	4			
	Early maturing	3			

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Traits ↓	Collard	0	0	0
	Good yield	1			
	Drought tolerance	7			
	High market demand	3			
	Flood tolerance	6			
	High nutrients content	4			
	Good eating quality	2			
	Early maturing	5			

Serial Number	1
State	Jonglei State
Payam	Anyidi
Location tag	
Gender Group	Male

	Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7
Q1: What are the most important criteria that you look when you select your most preferred crops (select the most important 7 criteria for 10 crops max)?	Drought tolerant	Early maturing	Good eating quality	High market demand	Storage longevity	Suitable to local soil	Good yield

	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10
Q2: Based on the above criteria now you select the 10 crops for preference analysis?	Sorghum	Maize	Groundnut	Sesame (sim sim)	Jute mallow	Cowpea	Okra	Amaranths	Tomato	Cassava

	Preferred traits ↓	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10		
Q3: Make A Matrix Crop to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the crop name and the trait will be autofilled from the questions 1 and 2		Sorghum	Maize	Groundnut	Sesame (sim sim)	Jute mallow	Cowpea	Okra	Amaranths	Tomato	Cassava	Total ↓	
	Trait 1	Drought tolerant	1	7	2	3	7	7	4	7	7	3	48
	Trait 2	Early maturing	7	1	5	4	2	4	2	2	3	7	37
	Trait 3	Good eating quality	2	2	1	7	1	1	1	1	1	1	18
	Trait 4	High market demand	3	5	3	5	3	2	7	3	2	4	37
	Trait 5	Storage longevity	6	4	7	6	5	3	3	6	6	2	48
	Trait 6	Suitable to local soil	4	6	6	1	4	5	5	4	5	5	45
	Trait 7	Good yield	5	3	4	2	6	6	6	4	5	6	47
	Total →		28	28	28	28	28	28	28	28	28	28	

Q4: Select the 5 most preferred crops form above table. (select from drop down)

Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5
Sorghum	Groundnut	Maize	Sesame (sim	Jute mallow

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Sorghum	Akuorchot	Beer	Luel			
Groundnut	Mateleke	Arooi (Red beauty)				
Maize	Kech (Sweet corn)	Longe 5				
Sesame (sim sim)	sesame2	Black seeded				
Jute mallow	local variety					

Q6A: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Sorghum	Traits ▼	Akuorchot	Beer	Luel	0	0
	Drought tolerant	4	4	3		
	Early maturing	1	1	1		
	Good eating quality	2	2	5		
	High market demand	5	3	7		
	Storage longevity	3	5	6		
	Suitable to local soil	7	7	4		
	Good yield	6	6	2		

Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Groundnut	Traits ↓	Mateleke	poi (Red beau	0	0	
	Drought tolerant	7	7			
	Early maturing	3	2			
	Good eating quality	1	1			
	High market demand	4	3			
	Storage longevity	6	4			
	Suitable to local soil	2	6			
	Good yield	5	5			

Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Maize	Traits ↓	ch (Sweet corn)	Longe 5	0	0	0
	Drought tolerant	4	6			
	Early maturing	1	4			
	Good eating quality	2	3			
	High market demand	3	4			
	Storage longevity	7	7			
	Suitable to local soil	5	2			
	Good yield	6	1			

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Sesame (sim sim)	Traits ↓	sesame2	Black seeded	0	0	0
	Drought tolerant	1	1			
	Early maturing	5	5			
	Good eating quality	3	3			
	High market demand	4	4			
	Storage longevity	6	6			
	Suitable to local soil	7	7			
	Good yield	2	2			

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Jute mallow	Traits ↓	local variety	0	0	0	0
	Drought tolerant	6				
	Early maturing	3				
	Good eating quality	1				
	High market demand	2				
	Storage longevity	7				
	Suitable to local soil	5				
	Good yield	4				

Serial Number

1

State

Jonglei State

Payam

Anyidi

Location tag

Gender Group

Female Group

	Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7	
Q1: What are the most important criteria that you look when you select your most preferred crops (select the most important 7 criteria for 10 crops max)?	Early maturing	High market demand	Drought tolerant	Flood tolerant	Good eating quality	Good processing quality (chips and Naotatarar)	Suitable to local soil	

	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10	
Q2: Based on the above criteria now you select the 10 crops for preference analysis?	Sorghum	Maize	Groundnut	Cowpea	Sesame (sim sim)	Onion	Tomato	Jute mallow	Okra	Sukumawiki	

	Preferred traits	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10		
Q3: Make A Matrix Crop to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the crop name and the trait will be autofilled from the questions 1 and 2		Sorghum	Maize	Groundnut	Cowpea	Sesame (sim sim)	Onion	Tomato	Jute mallow	Okra	Sukumawiki	Total	
	Trait 1	Early maturing	4	2	2	1	1	5	4	2	3	1	25
	Trait 2	High market demand	7	5	4	3	2	2	2	3	4	2	34
	Trait 3	Drought tolerant	1	7	6	6	6	6	7	7	6	7	59
	Trait 4	Flood tolerant	2	6	7	7	7	7	5	5	7	6	25
	Trait 5	Good eating quality	3	1	1	2	5	1	1	4	2	5	25
	Trait 6	Good processing quality (chips and Naotatarar)	6	4	3	4	3	3	6	6	5	3	43
	Trait 7	Suitable to local soil	5	3	5	5	4	4	3	1	1	4	35
		Total	28	28	28	28	28	28	28	28	28	28	

Q4: Select the 5 most preferred crops from above table. (select from drop down)

Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5
Sorghum	Groundnut	Okra	Maize	Cowpea

Q5: What are the common varieties grown for each above 5 crops? Select max 5 varieties per crop and Type (the crops will be autofilled in the red cells) →

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Sorghum	Akuoracot	Beer	Agongkou		
Groundnut	Mateleke	Arool			
Okra	Pusa sawani	Clemson spineless			
Maize	Kech	Yari			
Cowpea	Aloh	Banataro	Areng	Aluel	

Q6A: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Sorghum	Traits	Akuoracot	Beer	Agongkou	0	0
	Early maturing	2	2	3		
	High market demand	4	3	4		
	Drought tolerant	1	1	3		
	Flood tolerant	7	5	5		
	Good eating quality	3	2	6		
	Good processing quality (chips and Naotatarar)	6	6	1		
	Suitable to local soil	5	5	3		

Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Groundnut	Traits	Mateleke	Arool	0	0	0
	Early maturing	2	3			
	High market demand	3	4			
	Drought tolerant	7	7			
	Flood tolerant	6	6			
	Good eating quality	3	1			
	Good processing quality (chips and Naotatarar)	4	5			
	Suitable to local soil	5	2			
		SUM(F55:F6)	UM(G55:G61)			

Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Okra	Traits	Pusa sawani	Clemson spineless	0	0	0
	Early maturing	3	2			
	High market demand	4	4			
	Drought tolerant	6	7			
	Flood tolerant	7	5			
	Good eating quality	2	3			
	Good processing quality (chips and Naotatarar)	5	6			
	Suitable to local soil	1	1			

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Maize	Traits	Kech	Yari	0	0	0
	Early maturing	2	1			
	High market demand	4	5			
	Drought tolerant	3	4			
	Flood tolerant	6	7			
	Good eating quality	5	3			
	Good processing quality (chips and Naotatarar)	7	6			
	Suitable to local soil	1	2			

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5
Cowpea	Traits	Aloh	Banataro	Areng	Aluel	0
	Early maturing	1	1	3	2	
	High market demand	2	3	2	3	
	Drought tolerant	5	5	4	6	
	Flood tolerant	6	6	1	5	
	Good eating quality	3	2	1	1	
	Good processing quality (chips and Naotatarar)	7	7	7	7	
	Suitable to local soil	4	4	5	4	

Serial Number

State

Payam

Location tag

Gender Group

5

Jonglei State

Pochalla

Female

	Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7					
Q1: What are the most important criteria that you look when you select your most preferred crops (select the most important 7 criteria for 10 crops max)?	Good yield	Drought tolerant	High market demand	Flood tolerant	High nutrient contents	Good eating quality	Early maturing					
	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10		
Q2: Based on the above criteria now you select the 10 crops for preference analysis?		Sorghum	Groundnut	Maize	Cassava	Jute mallow	Bambara nut	Tomato	Sweet potato	Sugar cane	Mango	
	Preferred traits ↓	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10	
Q3: Make A Matrix Crop to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the crop name and the trait will be autofilled from the questions 1 and 2		Sorghum	Groundnut	Maize	Cassava	Jute mallow	Bambara nut	Tomato	Sweet potato	Sugar cane	Mango	
	Trait 1	Good yield	1	1	1	1	4	3	5	1	1	1
	Trait 2	Drought tolerant	7	6	7	2	5	6	7	2	3	2
	Trait 3	High market demand	3	5	4	4	6	4	3	4	5	5
	Trait 4	Flood tolerant	5	7	6	7	7	7	6	6	2	3
	Trait 5	High nutrient contents	4	3	5	5	3	2	2	5	6	4
	Trait 6	Good eating quality	2	2	2	3	1	1	1	3	4	5
	Trait 7	Early maturing	6	4	3	6	2	5	4	7	7	6
	Total →		28	28	28	28	28	28	28	28	28	26

Q4: Select the 5 most preferred crops from above table. (select from drop down)

Sel Crop 1

Sel Crop 2

Sel Crop 3

Sel Crop 4

Sel Crop 5

Sorghum

Groundnut

Maize

Cassava

Sugar cane

Q5: What are the common varieties grown for each above 5 crops? Select max 5 varieties per crop and Type (the crops will be autofilled in the red cells) →

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Sorghum	beel Gaabga	Beel Alaango	Beel Athwol			
Groundnut	Anywaa	Boma				
Maize	Abac Toome	Abac Amaara	Abac Binyo			
Cassava	Babara					
Sugar cane	Local variety					

Q6A: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Sorghum	Traits ↓	Beel Binyng	Beel Alaango	Beel Athwol	0	0	
	Good yield	2	2	1			
	Drought tolerant	7	7	7			
	High market demand	5	4	4			
	Flood tolerant	6	6	6			
	High nutrient contents	4	5	5			
	Good eating quality	1	3	3			
	Early maturing	3	1	2			
	Total	28	28	28			

Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Groundnut	Traits ↓	Anywaa	Boma	0	0	0	
	Good yield	1	2				
	Drought tolerant	4	6				
	High market demand	5	5				
	Flood tolerant	7	7				
	High nutrient contents	3	4				
	Good eating quality	2	3				
	Early maturing	6	1				
	Total	28	28				

Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Maize	Traits ↓	Abac Toome	Abac Amaara	Abac Binyo	0	0	
	Good yield	4	6				
	Drought tolerant	1	4				
	High market demand	2	3				
	Flood tolerant	3	5				
	High nutrient contents	7	7				
	Good eating quality	5	2				
	Early maturing	6	1				
	Total	28	28				

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Cassava	Traits ↓	Babara	0	0	0	0	
	Good yield	1					
	Drought tolerant	3					
	High market demand	4					
	Flood tolerant	7					
	High nutrient contents	6					
	Good eating quality	2					
	Early maturing	5					
	Total	28					

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Sugar cane	Traits ↓	Local variety	0	0	0	0	
	Good yield	1					
	Drought tolerant	3					
	High market demand	5					
	Flood tolerant	2					
	High nutrient contents	6					
	Good eating quality	7					
	Early maturing	4					
	Total	28					

Serial Number	1
State	Jonglei State
Payam	Anyidi
Location tag	
Gender Group	Male

	Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7
Q1: What are the most important criteria that you look when you select your most preferred crops (select the most important 7 criteria for 10 crops max)?	Good yield	Early maturing	High market demand	Drought tolerant	Disease and pest resistance	Less damage by birds	Good eating quality

	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10
Q2: Based on the above criteria now you select the 10 crops for preference analysis?	Sorghum	Groundnut	Maize	Okra	Cowpea	Jute mallow	Tomato	Onion	Rigila	Sesame (sim sim)

	Preferred traits ↓	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10	
Q3: Make A Matrix Crop to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the crop name and the trait will be autofilled from the questions 1 and 2		Sorghum	Groundnut	Maize	Okra	Cowpea	Jute mallow	Tomato	Onion	Rigila	me (sim)	
	Trait 1	Good yield	1	5	3	6	4	6	3	5	6	2
	Trait 2	Early maturing	4	3	4	4	2	2	4	3	2	1
	Trait 3	High market demand	3	2	2	3	3	3	1	1	3	5
	Trait 4	Drought tolerant	5	6	7	5	7	5	6	6	7	7
	Trait 5	Disease and pest resistance	7	7	5	6	5	4	7	7	4	6
	Trait 6	Less damage by birds	6	4	6	1	6	1	5	4	1	4
	Trait 7	Good eating quality	2	1	1	2	1	3	2	2	5	3
Total →												

Q4: Select the 5 most preferred crops form above table. (select from drop down)

Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5
Sorghum	Groundnut	Okra	Maize	Tomato

Q5. What are the common varieties grown for each above 5 crops? Select max 5 varieties per crop and Type (the crops will be autofilled in the red cells) →

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Sorghum	Akourachot	Beer	Dhet			
Groundnut	Mr. Lakes	Redbeauty	Lokoya			
Okra	Clemson spine	Pusa sawani				
Maize	Longe 5	Yellow corn				
Tomato	Money Maker	Cal J				

Q6A: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Sorghum	Traits ↓	Akourachot	Beer	Dhet	0	0	
	Good yield						
	Early maturing						
	High market demand						
	Drought tolerant						
	Disease and pest resistance						
	Less damage by birds						
	Good eating quality						

Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Groundnut	Traits ↓	Mr. Lakes	Redbeauty	Lokoya	0	0	
	Good yield	1	4	2			
	Early maturing	2	1	4			
	High market demand	3	5	3			
	Drought tolerant	6	7	6			
	Disease and pest resistance	7	6	7			
	Less damage by birds	4	2	5			
	Good eating quality	1	3	1			

Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Okra	Traits ↓	Clemson spine	Pusa sawani	0	0	0	
	Good yield	5	4				
	Early maturing	4	1				
	High market demand	2	2				
	Drought tolerant	6	5				
	Disease and pest resistance	7	7				
	Less damage by birds	3	3				
	Good eating quality	1	2				

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Maize	Traits ↓	Longe 5	Yellow corn	0	0	0	
	Good yield	4	6				
	Early maturing	3	3				
	High market demand	2	1				
	Drought tolerant	7	7				
	Disease and pest resistance	6	4				
	Less damage by birds	5	5				
	Good eating quality	1	1				

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Tomato	Traits ↓	Money Maker	Cal J	0	0	0	
	Good yield	5	4				
	Early maturing	4	5				
	High market demand	1	1				
	Drought tolerant	6	6				
	Disease and pest resistance	7	7				
	Less damage by birds	3	3				
	Good eating quality	2	2				

Serial Number	2
State	Jonglei State
Payam	Kolyang
Location tag	
Gender Group	Female

	Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7				
Q1: What are the most important criteria that you look when you select your most preferred crops (select the most important 7 criteria for 10 crops max)?	Good eating quality	Suitable to local soil	Less damage by birds	Brewing taste	Early maturing	High market demand	Good yield				
	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10	
Q2: Based on the above criteria now you select the 10 crops for preference analysis?	Sorghum	Groundnut	Maize	Sesame (sim sim)	Pearl millet	Cowpea	Okra	Onion	Jute mallow	Sukuma wiki	
	Preferred traits ↓	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10
Q3: Make A Matrix Crop to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the crop name and the trait will be autofilled from the questions 1 and 2		Sorghum	Groundnut	Maize	Sesame (sim sim)	Pearl millet	Cowpea	Okra	Onion	Jute mallow	Sukuma wiki
	Trait 1	Good eating quality	1	1	1	7	1	1	1	1	1
	Trait 2	Suitable to local soil	2	2	3	2	4	2	5	3	5
	Trait 3	Less damage by birds	3	3	7	6	6	6	6	7	7
	Trait 4	Brewing taste	6	7	6	1	7	7	7	7	6
	Trait 5	Early maturing	4	6	4	3	5	3	4	5	3
	Trait 6	High market demand	5	4	2	5	3	4	2	2	2
	Trait 7	Good yield	7	5	5	4	2	5	3	4	4
	Total →		28	28	28	28	28	28	28	28	28

Q4: Select the 5 most preferred crops form above table. (select from drop down)	Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5
	Sorghum	Groundnut	Maize	Sesame (sim	Pearl millet

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Sorghum	Akuorachot	Beer	Challa	Maniok		
Groundnut	Mateleke	Maulauga Te	Arool			
Maize	Ketch (Sweet d	Longe5 (Error				
Sesame (sim sim)	Black seeded (white	(Nyuom Error)				
Pearl millet	Awuou					

Q6A: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Sorghum	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		Good eating qu	Akuorachot	Beer	Challa	Maniok	0	
		Suitable to loc	1	1	1	1		
		Less damage b	5	5	4	5		
		Brewing taste	6	6	6	6		
		Early maturing	7	7	3	7		
		High market d	2	2	5	3		
		Good yield	4	4	4	4		

Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Groundnut	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		Good eating qu	Mateleke	Maulauga Te	Arool	0	0	
		Suitable to loc	1	1	1			
		Less damage b	4	6	6			
		Brewing taste	6	7	2			
		Early maturing	7	2	3			
		High market d	3	4	7			
		Good yield	2	3	4			
			5	5	5			

Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Maize	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		Good eating qu	Ketch (Sweet d	Longe5 (Error	0	0	0	
		Suitable to loc	1	2				
		Less damage b	5	6				
		Brewing taste	7	7				
		Early maturing	6	5				
		High market d	4	4				
		Good yield	2	1				
			3	3				

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Sesame (sim sim)	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		Good eating qu	Black seeded (white	(Nyuom Error)	0	0	0	
		Suitable to loc	1	2				
		Less damage b	3	5				
		Brewing taste	7	6				
		Early maturing	4	7				
		High market d	6	4				
		Good yield	2	1				
			5	3				

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Pearl millet	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		Good eating qu	Awuou	0	0	0	0	
		Suitable to loc	1					
		Less damage b	2					
		Brewing taste	6					
		Early maturing	7					
		High market d	5					
		Good yield	3					
			4					

Serial Number	3
State	Jonglei State
Payam	Lukurnyang
Location tag	
Gender Group	Male

	Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7				
Q1: What are the most important criteria that you look when you select your most preferred crops (select the most important 7 criteria for 10 crops max)?	Good yield	Drought tolerant	High market demand	Good oil content	High nutrient contents	Good eating quality	Early maturing				

	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10	
Q2: Based on the above criteria now you select the 10 crops for preference analysis?	Maize	Sorghum	Pumpkin	Groundnut	Jute mallow	Cowpea	Onion	Tomato	Amaranths	Okra	

	Preferred traits ↓	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10		
Q3: Make A Matrix Crop to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the crop name and the trait will be autofilled from the questions 1 and 2		Maize	Sorghum	Pumpkin	Groundnut	Jute mallow	Cowpea	Onion	Tomato	Amaranth	Okra	Total ↓	
	Trait 1	Good yield	5	5	5	5	5	6	4	4	5	4	48
	Trait 2	Drought tolerant	6	6	6	7	6	5	7	7	7	6	63
	Trait 3	High market demand	1	3	4	2	4	2	1	2	2	2	23
	Trait 4	Good oil content	7	7	7	3	7	7	6	6	6	7	63
	Trait 5	High nutrient contents	3	1	3	4	2	4	2	3	3	3	28
	Trait 6	Good eating quality	2	2	1	1	1	1	3	1	1	1	42
	Trait 7	Early maturing	4	4	2	6	3	3	5	5	4	5	41
		Total →	28	28	28	28	28	28	28	28	28	28	

Q4: Select the 5 most preferred crops form above table. (select from drop down)	Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5
	Maize	Sorghum	Pumpkin	Jute mallow	Okra

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Maize	Atila(yellow seed)	Longe 5				
Sorghum	Blinyang	Sesso 3				
Pumpkin	America	Murle				
Jute mallow	local					
Okra	Clemson Spine	Pusa Sawani				

Q6A: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Maize	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		Atila(yellow seed)	Longe 5	0	0	0		
		Good yield	6	4				
		Drought tolera	4	5				
		High market d	3	3				
		Good oil conte	7	7				
		High nutrient c	2	2				
		Good eating qu	1	1				
		Early maturing	5	5				

Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Sorghum	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		Blinyang	sesso3	0	0	0		
		Good yield	3	4				
		Drought tolera	6	6				
		High market d	2	3				
		Good oil conte	7	7				
		High nutrient c	5	5				
		Good eating qu	1	2				
		Early maturing	4	1				

Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Pumpkin	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		America	Murle	0	0	0		
		Good yield	2	3				
		Drought tolera	7	7				
		High market d	3	2				
		Good oil conte	6	6				
		High nutrient c	5	4				
		Good eating qu	1	1				
		Early maturing	4	5				

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Jute mallow	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		local	0	0	0	0		
		Good yield	3					
		Drought tolera	7					
		High market d	2					
		Good oil conte	6					
		High nutrient c	5					
		Good eating qu	1					
		Early maturing	4					

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1	Okra	Traits ↓	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
		emson Spineles	Pusa Sawani	0	0	0		
		Good yield	3	4				
		Drought tolera	7	7				
		High market d	5	5				
		Good oil conte	6	6				
		High nutrient c	4	3				
		Good eating qu	1	2				
		Early maturing	2	1				

Serial Number		2
State		Jonglei State
Payam		Kolyang
Location tag		
Gender Group		Female

	Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7
Q1: What are the most important criteria that you look when you select your most preferred crops (select the most important 7 criteria for 10 crops max)?	Good eating quality	High nutrient contents	Early maturing	High market demand	Drought tolerant	Flood tolerant	Suitable to local soil

	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10
Q2. Based on the above criteria now you select the 10 crops for preference analysis?	Sorghum	Groundnut	Maize	Sesame (sim sim)	Pearl millet	Cowpea	Onion	Okra	Jute mallow	Sukuma wiki

	Preferred traits ↓	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10		
Q3: Make A Matrix Crop to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the crop name and the trait will be autofilled from the questions 1 and 2		Sorghum	Groundnut	Maize	Sesame (sim sim)	Pearl millet	Cowpea	Onion	Okra	Jute mallow	Sukuma wiki	Total ↓	
	Trait 1	Good eating quality	1	2	1	2	3	3	2	4	5	3	26
	Trait 2	High nutrient contents	2	1	2	3	1	1	4	3	4	2	23
	Trait 3	Early maturing	4	5	4	5	4	2	5	1	1	1	49
	Trait 4	High market demand	7	3	3	1	5	4	1	2	2	5	33
	Trait 5	Drought tolerant	6	7	7	6	6	6	6	5	7	6	62
	Trait 6	Flood tolerant	5	6	6	7	7	7	7	7	6	7	65
	Trait 7	Suitable to local soil	3	4	5	4	2	5	3	6	3	4	39
	Total →		28	28	28	28	28	28	28	28	28		

Q4: Select the 5 most preferred crops from above table. (select from drop down)

Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5
Sorghum	Groundnut	Maize	Cowpea	Sesame (sim sim)

Q5. What are the common varieties grown for each above 5 crops? Select max 5 varieties per crop and Type (the crops will be autofilled in the red cells) →

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Sorghum	Challa	Akurachot	Beer	Lith	Aqany	
Groundnut	Matelek	Aroi				
Maize	Kech	Wunga	Komiany			
Cowpea	Adangdang	Ajo	Ameer	Banadaro		
Sesame (sim sim)	Nyuomchol	Nyoumher				

Q6A: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Sorghum	Traits ↓	Challa	Akurachot	Beer	Lith	Aqany
	Good eating quality	1	3	1	1	1
	High nutrient contents	2	4	4	5	2
	Early maturing	5	1	2	2	3
	High market demand	4	5	3	3	4
	Drought tolerant	7	7	6	6	6
	Flood tolerant	6	6	7	7	7
	Suitable to local soil	4	2	5	4	5

Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Groundnut	Traits ↓	Matelek	Aroi	0	0	0
	Good eating quality	1	1			
	High nutrient contents	2	3			
	Early maturing	3	4			
	High market demand	4	4			
	Drought tolerant	6	7			
	Flood tolerant	7	6			
	Suitable to local soil	5	5			

Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Maize	Traits ↓	Kech	Wunga	Komiany	0	0
	Good eating quality	1	2	3		
	High nutrient contents	2	3	2		
	Early maturing	3	1	1		
	High market demand	4	4	4		
	Drought tolerant	6	7	6		
	Flood tolerant	7	6	7		
	Suitable to local soil	5	5	5		

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Cowpea	Traits ↓	Adangdang	Ajo	Ameer	Banadaro	0
	Good eating quality	2	1	1	1	
	High nutrient contents	1	2	2	2	
	Early maturing	3	3	3	3	
	High market demand	5	4	4	5	
	Drought tolerant	6	7	7	7	
	Flood tolerant	7	6	6	6	
	Suitable to local soil	4	5	5	4	

Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1

	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	
Sesame (sim sim)	Traits ↓	Nyuomchol	Nyoumher	0	0	0
	Good eating quality	1	1			
	High nutrient contents	2	4			
	Early maturing	4	5			
	High market demand	3	3			
	Drought tolerant	5	6			
	Flood tolerant	7	7			
	Suitable to local soil	3	2			