Serial Number		E	5									
State	ı	Boma State	+									
			4									
Payam		Opora	4									
Location tag		Lokri										
		Male	Ī									
Gender Group												
Q1: What are the most important criteria		Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7				
that you look when you select your most		High market demand	Good eating	High nutrient	Paste quality	Drought	Flood tolerant	Early				
preferred crops (select the most important 7 criteria for 10 crops max)?			quality	contents		tolerant		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										Sweet	Sugarca	
select the 10 crops for preference analysis?		Maize	Sorghum	Cassava	Banana	Papaya	Mango	Yam	Groundnut	potato	ne	
												_
		Preferred traits ♥	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	-	Crop
			Maize	Sorghum	Cassava	Banana	Papaya	Mango	Yam	Groundnut	eet potat	dugar
	Trait 1	High market demand	2	1	2	1	1	1	1	1	1	1
Q3: Make A Matrix Crop to Traits and give									_			
Ranks. 1 = very important, 7= least	Trait 2	Good eating quality	3	2	3	2	2	2	2	2	2	2
important. Do this for each crop. Remember that the crop name and the trait will be	Trait 3	High nutrients content	4	3	4	5	5	4	4	4	4	4
autofilled from the questions 1 and 2	Trait 4 Trait 5	Paste/flour/ quality Drought tolerance	5	4 5	1 5	4	4	3 6	6	3 5	3 5	3
	Trait 6		6	6	7	3	7	7	5	7	6	5 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	2
							-	-		-		_
							-					
		Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5						
Q4: Select the 5 most preferred crops form above table. (select from drop down)				-	-	-						
above table. (select from drop down)		Sorghum	Maize	Cassava	Sweet potato	Groundnut						
			-			•	-					
			,						т.			
			Variety 1	Variety 2	Variety 3	Variety 4	Variety 5					
		Sorghum	Alcongo	Coopea	Athwol							
OF		Maize	Alaange Biinyo	Gaanga Toome	Amara	Longe-5						
Q5. What are the common varieties grown for each above 5 crops? Select max		Cassava	Babara	Toome	Amara	Eorige-5						
5 varieties per crop and Type (the crops		Sweet potatoes	Ajwaala									
will be autofilled in the red cells) →		Ground nut	Boma	Anywaa								
				Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	Ī			
			Traits ♥ Good yield	Alaange	Gaanga	Athwol				1		
Q6A: Make A Matrix Variety to Traits and			Drought	2		3				†		
give Ranks. 1 = very important, 7= least		Complemen	tolerance High market demand	3	3	2				1		
important. Do this for each crop. Remember that the Variety name and the trait will be		Sorghum	Flood tolerance High nutrients	4		4				1		
autofilled from the questions 5 and 1			content Good eating	5		5	-			-		
			quality Early maturing	7	,	7	1					
	_									1		
				Variety 1			Variety 4	Variety 5		_		
			Traits ♥ Good yield	Variety 1 Biinyo	Variety 2 Toome	Variety 3 Amara	Variety 4 Longe5	Variety 5]		
			Good yield Drought tolerance		Toome 3			Variety 5				
give Ranks. 1 = very important, 7= least		Maizo	Good yield Drought tolerance High market demand	Biinyo 2	Toome 3			Variety 5				
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be		Maize	Good yield Drought tolerance High market demand Flood tolerance High nutrients	Biinyo 2	Toome 3							
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be		Maize	Good yield Drought tolerance High market demand Flood tolerance High nutrients content Good eating	8iinyo 2 7 7 4 1 1 3	Toome 3		Longe5 1 7 2					
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be		Maize	Good yield Drought tolerance High market demand Flood tolerance High nutrients content	Biinyo 2	Toome 3		Longe5 1 7 2					
give Ranks. 1 = very important, 7= least mportant. Do this for each crop. Remember that the Variety name and the trait will be		Maize	Good yield Drought tolerance High market demand Flood tolerance High nutrients content Good eating quality	8iinyo 2 7 7 4 1 1 3	Toome 3		Longe5 1 7 7 2 2 6 6 3 4					
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be		Maize	Good yield Drought tolerance High market demand Flood tolerance High nutrients content Good eating quality Early maturing	Biinyo 2 7 4 1 1 3 3 5 6 6 Variety 1	Toome 3 6 1 2 4 5 7	Amara 1 5 5 2 2 3 3 4 6 6 7	Longe5 1 7 2 2 6 6 3 4 4 5					
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be		Maize	Good yield Drought Lolerance High market demand Flood tolerance High nutrients content Good eating quality Early maturing Traits Good yield	8iinyo 2 7 4 1 1 3 3 5 6	Toome 3 6 1 2 4 5 7	Amara 1 5 5 2 2 3 3 4 4 6 6 7	Longe5 1 7 2 2 6 6 3 4 4 5					
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	Good yield Drought Lolerance High market demand Flood tolerance High stricets content Good eating quality Early maturing Traits Good yield Drought	Biinyo 2 7 4 1 1 3 3 5 6 6 Variety 1	Toome 3 6 1 2 4 5 7	Amara 1 5 5 2 2 3 3 4 4 6 6 7	Longe5 1 7 2 2 6 6 3 4 4 5					
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 Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least		Maize Cassava	Good yield Drought tolerance High market demand Flood tolerance High nutrients content Good eating quality Early maturing Traits Good yield Drought High market High market demand	Biinyo 2 7 4 1 1 3 3 5 6 6 Variety 1	Toome 3 6 1 2 4 5 7	Amara 1 5 5 2 2 3 3 4 4 6 6 7	Longe5 1 7 2 2 6 6 3 4 4 5					
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 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			Good yield Drought tolerance High market demand Flood tolerance High nutrients content Good eating quality Early maturing Traits	Biinyo 2 7 4 1 1 3 3 5 6 6 Variety 1	Toome 3 3 6 1 2 2 4 4 5 7 7 Variety 2	Amara 1 5 5 2 2 3 3 4 4 6 6 7	Longe5 1 7 2 2 6 6 3 4 4 5					
give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be			Good yield Traits Traits Good yield Good earing Good olivating Good yield Orought tolerance High market demand Good earing Good yield Orought tolerance High market demand from tolerance from tolerance from tolerance from tolerance Good earing Good gield Go	8iinyo 2 2 7 7 4 1 1 3 3 5 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Toome 3 3 6 6 1 1 2 2 4 4 5 5 7 7 7 Variety 2	Amara 1 5 5 2 2 3 3 4 4 6 6 7	Longe5 1 7 2 2 6 6 3 4 4 5					
give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be			Good yield Drought tolerance High market demand. Flood tolerance High nutrients content quality Early maturing Traits Good yield Drought tolerance High market High nutrients content	8iinyo 2 2 7 7 4 4 1 1 3 3 5 6 6 1 1 8 8 1 8 1 1 1 1 1 1 1 1 1 1 1 1	Toome 3 6 6 1 1 2 2 4 4 5 7 7 Variety 2	Amara 1 5 5 2 2 3 3 4 4 6 6 7	Longe5 1 7 2 2 6 6 3 4 4 5					
give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be			Good yield Drought tolerance High market demand Flood tolerance High nutrients content Good yield Traits Traits Good yield Drought tolerance High market demand Good gield Drought tolerance High market demand Good dealing quality Good dealing quality Good gield Grought Good gield Grought Good gield Grought Good dealing quality Good eating quality	Bilnyo 2 7 7 4 4 1 1 Babara 2 1 1 3 3 5 5 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7 7 7	Toome 3 6 6 1 1 2 2 4 4 5 5 7 7	Amara 1 1 5 5 2 2 3 3 4 4 6 6 7 7 7	LongeS 1 7 7 2 6 6 4 5 5 Variety 4	Variety 5				
give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be			Good yield Traits Good yield Traits Good yield Good eating Good yield Traits Good yield Trought Good yield Trought Good yield Trought Good yield Good gield Good gield Traits Good gield Good gield Traits Good eating Goo	Biinyo 1	Toome 3 6 6 1 1 2 2 4 4 5 7 7 Variety 2	Amara	LongeS 1 7 7 2 6 6 4 5 5 Variety 4					
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 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			Good yield Traits Good yield Flood tolerance Good eating Good yield Flood tolerance Flood eating Good yield Flood tolerance High market demand Good eating Good eating Flood tolerance Flood tolerance Flood tolerance Flood tolerance Flood tolerance Flood eating Good eating Flood flood Flood eating Good eating Flood flood Flood eating Flood flood Flood eating	Biinyo 1	Toome	Amara	LongeS 1 7 7 2 6 6 4 5 5 Variety 4	Variety 5				
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 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			Good yield Traits Traits Good yield Tought Tought Traits Good yield Tought Tought Tought Traits Tr	Biinyo	Toome 6 1 2 4 5 7 Variety 2 Variety 2 ala (Whise 5t.	Amara	LongeS 1 7 7 2 6 6 4 5 5 Variety 4	Variety 5				
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 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 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			Good yield Drought tolerance High market demand Flood tolerance High mutrients Good eatin Good eatin Good eatin Good eatin Good yield Drought tolerance High market demand Flood tolerance High mutrients Good yield Drought Early maturing United tolerance High market demand Flood tolerance High maturing Flood tolerance High market Good yield Drought Flood tolerance High market Good yield Drought Flood tolerance High market demand Flood tolerance	Biinyo 1	Toome 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Amara	LongeS 1 7 7 2 6 6 4 5 5 Variety 4	Variety 5				
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 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 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 important. Do this for each crop. Remember that the Variety name and the trait will be		Cassava	Good yield Drought tolerance High market demand High market demand Good eating guality Early maturing Traits Good yield Drought High nutrients Content Good yield Drought Good yield Drought Good yield Drought Good yield Drought High market demand Flood tolerance High maturing Traits Trait	Biinyo	Tooms 6 1 2 4 4 5 7 Variety 2 Variety 2	Amara	LongeS 1 7 7 2 6 6 4 5 5 Variety 4	Variety 5				
give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be that the Variety name and the trait will be that the Variety name and the trait will be		Cassava	Good yield Drought tolerance High market demand Good eating quality Early maturing Froit tolerance Good eating quality Good yield Drought tolerance High nutrient Good eating quality Traits Traits Good yield Drought tolerance High market demand Flood tolerance Early maturing Flood tolerance Flood vield Drought Good yield Drought Good yield Drought High market demand Flood tolerance High call tolerance	Siinyo	Tooms 6 1 2 4 4 5 7 Variety 2 Variety 2	Amara	LongeS 1 7 7 2 6 6 4 5 5 Variety 4	Variety 5				
give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be that the Variety name and the trait will be that the Variety name and the trait will be		Cassava	Good yield Traits Traits Good yield Good yield Good yield Good yield Good yield Trought Tolorance High market demand Good yield Torought tolerance High market demand Good yield Torought tolerance High market demand Good yield Trought Torought tolerance High market demand Good eating Good yield Torought tolerance High market demand Good of tolerance High market Geond of tolerance High market Geond of tolerance High market Geond of tolerance High of tolera	Siinyo	Tooms 6 1 2 4 4 5 7 Variety 2 Variety 2	Amara	LongeS 1 7 7 2 6 6 4 5 5 Variety 4	Variety 5				
give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be that the Variety name and the trait will be that the Variety name and the trait will be		Cassava	Good yield Drought tolerance High market demand Good eating quality Early maturing Froit tolerance Good eating quality Good yield Drought tolerance High nutrient Good eating quality Traits Traits Good yield Drought tolerance High market demand Flood tolerance Early maturing Flood tolerance Flood vield Drought Good yield Drought Good yield Drought High market demand Flood tolerance High call tolerance	Siinyo	Toome	Amara	Longes 1 7 2 6 6 3 4 5 Variety 4	Variety 5				
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 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 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 important. Do this for each crop. Remember that the Variety name and the trait will be		Cassava	Good yield Traits Traits Good yield Good olerance Flood tolerance Good eating Good yield Drought tolerance High market demand Good eating quality Early maturing Traits Good yield Trought Traits Good gield Trought Traits Good eating Good gield Trought Traits Good eating Good eatin	Siinyo	Tooms 6 1 2 4 4 5 7 Variety 2 Variety 2	Amara	Longes 1 7 2 6 6 3 4 5 Variety 4	Variety 5				
give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1		Cassava	Good yield Traits Traits Good yield Traits Good yield Good yield Good yield Trought Tolor Trought Traits Good Good Good Good Good Good Good Good Good Good Good Good Good Traits	Biinyo 3	Toome	Amara 5 5 2 3 3 4 6 6 7 Variety 3	Variety 4 Variety 4 Variety 4	Variety 5				
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 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 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		Cassava	Good yield Traits	Sinyo	Variety 2 Variety 2 Jala (Whise 5t	Amara 5 5 2 3 3 4 6 6 7 Variety 3	Variety 4 Variety 4 Variety 4	Variety 5				
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 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 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		Cassava	Good yield Drought tolerance High market demand Flood olderance High state of the light of the light olderance Farity maturing Traits Good yield Drought Good olderance High market demand Flood tolerance High market Good ating quality Early maturing Traits Good olderance High market Good ating quality Good deating quality Early maturing Traits Good yield Drought Good yield Drought Licerance High market Good eating quality Early maturing	Biinyo 3	Variety 2 Variety 2 Jala (Whise 5t	Amara 5 5 2 3 3 4 6 6 7 Variety 3	Variety 4 Variety 4 Variety 4	Variety 5				
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 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 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		Cassava Sweet potatoes	Good yield Traits Traits Good yield Traits Good yield Good yield Traits Traits Good gield Traits Traits Traits Good gield Traits Trait	Sinyo	Variety 2 Variety 2 Jala (Whise 5t	Amara 5 5 2 3 3 4 6 6 7 Variety 3	Variety 4 Variety 4 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 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 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 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		Cassava Sweet potatoes	Good yield Drought tolerance High market demand Flood olderance High state of the light of the light olderance Farity maturing Traits Good yield Drought Good olderance High market demand Flood tolerance High market Good ating quality Early maturing Traits Good olderance High market Good ating quality Good deating quality Early maturing Traits Good yield Drought Good yield Drought Licerance High market Good eating quality Early maturing	Sinyo	Variety 2 Variety 2 Jala (Whise 5t	Amara 5 5 2 3 3 4 6 6 7 Variety 3	Variety 4 Variety 4 Variety 4	Variety 5				

Serial Number	I	3											
State	1	Boma State											
Payam		Lukurnyang											
Location tag		, ,											
			-										
Gender Group		Female											
Q1: What are the most important criteria		Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7					
that you look when you select your most		Good yield	Drought tolerant	High market demand	Good oil content	High nutrient	Good eating quality	Early maturing					
preferred crops (select the most important 7 criteria for 10 crops max)?						contents							
		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	Sukuma wiki		
select the 10 diops for preference dialysis.													
		Preferred traits ♥	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10	
			Maize	Sorghum	Pumpkin	Groundnut	Jute mallow	Cowpea	Onion	Tomato	Amaranth	ikuma w	Tota
	Trait 1	Good yield	6	1	3	6	4	6	6	2	2	1	
Q3: Make A Matrix Crop to Traits and give Ranks. 1 = very important, 7= least	Trait 2	Drought tolerant	5	2	5	7	6	4	5	6	6	6	
important. Do this for each crop. Remember	Trait 3	High market demand	1	3	2	2	3	3	1	1	4	2	
that the crop name and the trait will be autofilled from the questions 1 and 2		Good oil content	7	7	6	3	7	7	7	7	7	7	
		High nutrient contents Good eating quality	3	4 5	4	5 1	5 2	5 2	2	3 5	3 1	3 4	
	Trait 7	Early maturing	2	6	7	4	1	1	4	4	5	5	
		Total →	28	28	28	28	28	28	28	28	28	28	
		Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5	1						
Q4: Select the 5 most preferred crops form above table. (select from drop down)		Sel Clop I	Sel Crop 2	Sei Crop S	Sei Crop 4	Sei Crop s							
above table. (select from drop down)		Maize	Sorghum	Jute mallow	Cowpea	Sukuma wiki							
		•	•	•	*	•	•						
							I	ı	1				
			Variety 1	Variety 2	Variety 3	Variety 4	Variety 5						
		Maize	Atila(yellow se	Longe 5									
Q5. What are the common varieties grown for each above 5 crops? Select max		Sorghum Jute mallow	Bilnyang America	Sesso 3 Murle									
5 varieties per crop and Type (the crops		Cowpea	Ngoor										
will be autofilled in the red cells) →		Sukuma wiki	Kusuma										
									1				
									1				
			Traits ↓	Variety 1 tila(yellow seed	Variety 2 Longe 5	Variety 3	0	Variety 5		Ţ			
Q6A: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least			Good yield Drought tolera	1 5	5 4					†			
important. Do this for each crop. Remember that the Variety name and the trait will be		Maize	High market d Good oil conte	r 7	7 7					1			
autofilled from the questions 5 and 1			High nutrient of Good eating qu	1 2 1 1	2 3					1			
			Early maturing	4	6					1			
				Variety 1		Variety 3	Variety 4	Variety 5		-			
Q6B: Make A Matrix Variety to Traits and			Traits ♥ Good yield	Bilinyang 4	vorow (Sesso	0	0	0		1			
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember		Sorghum	Drought tolera High market d	i 3	5					1			
that the Variety name and the trait will be		3.10.11	Good oil conte High nutrient of	7 2	7 2 4					†			
autofilled from the questions 5 and 1			Good eating que Early maturing	9 6	5 1 5 3					1			
										1			
	ı		Traits Ψ	Variety 1 America	Variety 2 Murle	Variety 3	Variety 4	Variety 5		I			
Q6C: Make A Matrix Variety to Traits and			Good yield Drought tolera	3 1 <i>6</i>	3 3					1			
give Ranks. 1 = very important, 7 = least important. Do this for each crop. Remember		Jute mallow	High market d Good oil conte	d 2	2 4 7 7					Ⅎ			
that the Variety name and the trait will be autofilled from the questions 5 and 1			High nutrient of Good eating quality	1 1	6					1			
			Early maturing	4	5					1			
				Variety 1	Variety 2	Variety 3	Variety 4	Variety 5]	-			
0/0			Traits ♥ Good yield	Ngoor	0	0	0	0		1			
Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least			Drought tolera High market d	5	5					7			
important. Do this for each crop. Remember that the Variety name and the trait will be		Cowpea	Good oil conte High nutrient	7	7					‡			
autofilled from the questions 5 and 1			Good eating qu	4	1					‡			
			Early maturing	1						İ			
			T	Variety 1	Variety 2	Variety 3	Variety 4	Variety 5		T			
Q6D: Make A Matrix Variety to Traits and			Traits ♥ Good yield	Kusuma	0	0	0	0		1			
give Ranks. 1 = very important, 7= least		Sukuma wiki	Drought tolera High market d	1 <i>ε</i> 4	1					<u>†</u>			
important. Do this for each crop. Remember that the Variety name and the trait will be		Sukuilla Wiki	Good oil conte High nutrient of	7	3					1			
autofilled from the questions 5 and 1			Good eating que Early maturing	1 2	2					+			
									-				

Serial Number	4	4										
State		Jonglei State										
Payam		Nyandit										
Location tag		Meer Boma										
		Female										
Gender Group		Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7				
Q1: What are the most important criteria		Truit I				High						
that you look when you select your most preferred crops (select the most important 7		Good yield	Drought tolerant	High market demand	Flood tolerant	nutrient contents	Good eating quality	Early maturing				
criteria for 10 crops max)?		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						Sukumawi	Common			Jute		
select the 10 crops for preference analysis?		Maize	Pumpkin	Okra	Sugarcane	ki	beans	Tea	Mango	mallow	Cowpea	
		Preferred traits ♥	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop
			Maize	Pumpkin	Okra	Sugarcane	-	-	Tea	Mango	ute ma.lo	
	Trait 1	Good yield	1	2	4	4	1	3	2	1	4	1
Q3: Make A Matrix Crop to Traits and give				_			·	-				
Ranks. 1 = very important, 7= least	Trait 2	Drought tolerance	4	6	6	2	7	7	7	2	7	6
important. Do this for each crop. Remember that the crop name and the trait will be	Trait 3	High market demand	2	1	3	5	3	1	5	4	1	3
autofilled from the questions 1 and 2	Trait 4 Trait 5	Flood tolerance High nutrients content	6	5 4	5	1	6 5	6 4	6 4	6	6	1
	Trait 6 Trait 7	Good eating quality Early maturing	3 5	7	1	7	2	5	3	5 7	3 5	3
	ITall 7	Total ->	3	,	'	,	4	3	'	,	3	-
		Plz change Sugarcane	r to wo ringa ar I	iu rea to Toba	acco		1					
Q4: Select the 5 most preferred crops form		Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5						
above table. (select from drop down)												
	4	Maize	Pumpkin	Okra	Sugarcane	Sukuma wiki	I					
									7			
			Variety 1	Variety 2	Variety 3	Variety 4	Variety 5					
		Maize	Yellow corn	Longe-5	Multi-coloure	d kernel			1			
Q5. What are the common varieties		Pumpkin	Kulog Nuer	Kulong UN								
grown for each above 5 crops? Select max 5 varieties per crop and Type (the crops		Okra Tobacco not sugarcane	Pusa sawani Tap	local variety					-			
will be autofilled in the red cells) →		Sakuma wiki	Collard									
									1			
			Traits ↓	Variety 1		Variety 3 Mixed kernal	Variety 4	Variety 5		Т		
Q6A: Make A Matrix Variety to Traits and			Good yield Drought	1	2	3						
give Ranks. 1 = very important, 7= least		*****	tolerance High market demand	2	3	4						
important. Do this for each crop. Remember that the Variety name and the trait will be		Maize	Flood tolerance High nutrients	6	7	7						
autofilled from the questions 5 and 1			content Good eating quality	4	1	2				1		
	1		Early maturing	5	4	1				1		
				Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	T	_		
			Traits Good yield	Kulog Nuer	Kulog UN					I		
Q6B: Make A Matrix Variety to Traits and			Drought tolerance High market	6	7							
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember		Pumpkin	demand Flood tolerance	3	5							
that the Variety name and the trait will be autofilled from the questions 5 and 1			High nutrients content Good eating	4	3					1		
			quality Early maturing	7	2							
	-									I		
	1		Traits ↓	Variety 1 en (Pusa saw	Variety 2 White	Variety 3	Variety 4	Variety 5		I		
Q6C: Make A Matrix Variety to Traits and			Good yield Drought	1	1					+		
give Ranks. 1 = very important, 7= least		Olyma	tolerance High market demand	2	4					1		
important. Do this for each crop. Remember that the Variety name and the trait will be		Okra	Flood tolerance High nutrients	6	7					+		
autofilled from the questions 5 and 1			content Good eating quality	5	2					1		
	1		Early maturing	3	5					1		
				Variety 1	Variety 2	Variety 3	Variety 4	Variety 5		-		
			Traits ♥ Good yield	Tap 2						1		
Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least			Drought tolerance High market	7						1		
important. Do this for each crop. Remember		Sugarcane	demand Flood tolerance	1 6						1		
that the Variety name and the trait will be autofilled from the questions 5 and 1			High nutrients content Good eating	5						1		
			quality Early maturing	4						1		
										I		
			Traits Ψ	Variety 1 Collard	Variety 2	Variety 3	Variety 4	Variety 5		I		
					1					1		
OAD: Make A Matrix Variation to Trailing			Good yield Drought									
Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least			Drought tolerance High market	7						†		
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be		Sukuma wiki	Drought tolerance High market demand Flood tolerance High nutrients	3 6						† † †		
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember		Sukuma wiki	Drought tolerance High market demand Flood tolerance	3								

			1										
Serial Number	l	1											
State		Jonglei State											
Payam		Anyidi											
ocation tag													
		Male											
Gender Group			Trait 2	- · · ·			- " /						
21: What are the most important criteria		Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7					
hat you look when you select your most		Drought tolerant	Early maturing	Good eating		Storage	Suitable to	Good yield					
preferred crops (select the most important 7 criteria for 10 crops max)?				quality	demand	longevity	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		Sorghum	Maize	Groundnut	Sesame	Jute	Cowpea	Okra	Amaranths	Tomato	Cassava		
select the 10 crops for preference analysis?		, and the second			(sim sim)	mallow	·						
		Preferred traits ♥	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10	
			Sorghum	Maize	Groundnut	same (sim s	Jute mallow	Cowpea	Okra	Amaranths	Tomato	Cassava	Total V
	Trait 1	Drought tolerant	1	7	2	3	7	7	4	7	7	3	
03	II alt I	Drought tolerant	· ·	′		3	′		-	′	′	3	4
Q3: Make A Matrix Crop to Traits and give Ranks. 1 = very important, 7= least	Trait 2	Early maturing	7	1	5	4	2	4	2	2	3	7	3
important. Do this for each crop. Remember that the crop name and the trait will be	Trait 3	Good eating quality	2	2	1	7	1	1	1	1	1	1	1
autofilled from the questions 1 and 2	Trait 4	High market demand	3	5	3	5	3	2	7	3	2	4	3
		Storage longevity Suitable to local soil	6 4	4	7	6 1	5 4	3 5	3 5	6 5	6 4	2 5	
	Trait 7	Good yield	5	3	4	2	6	6	6	4	5	6	,
		Total →	28	28	28	28	28	28	28	28	28	28	
							ī						
Q4: Select the 5 most preferred crops form		Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5							
above table. (select from drop down)													
		Sorghum	Groundnut	Maize	Sesame (sim	Jute mallow							
				I	T				ī				
			Variety 1	Variety 2	Variety 3	Variety 4	Variety 5						
		Sorghum	Akuorchot	Beer	Luel								
Q5. What are the common varieties		Groundnut	Mateleke	Arooi (Red bo	eauty)				-				
grown for each above 5 crops? Select max 5 varieties per crop and Type (the crops		Maize Sesame (sim sim)	Kech (Sweet corn)	Black seeded					+				
will be autofilled in the red cells) →		Jute mallow	local variety	black seeded					1				
]				
				Variety 1	Variety 2	Variety 3	Variety 4	Variety 5	1				
0/4			Traits ♥ Drought tolerant	Akuorchot 4	Beer 4	Luel 3	0	0		-			
Q6A: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least			Early maturing	1	1	1				1			
important. Do this for each crop. Remember that the Variety name and the trait will be		Sorghum	Good eating quality High market demand	5	3	7				1			
autofilled from the questions 5 and 1			Storage longevity Suitable to local soil	7	7	6				+			
			Good yield	6	6	2				1			
				Vi-4 4	Vi-t 2		Maniata A	Variety 5		1			
			Traits ♥	Mateleke	Variety 2 poi (Red beau	0	Variety 4	0		Į			
Q6B: Make A Matrix Variety to Traits and			Drought tolerant Early maturing	7	7					ł			
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember		Groundnut	Good eating quality High market demand	1 4	1 3					+			
that the Variety name and the trait will be autofilled from the questions 5 and 1			Storage longevity	6	4					1			
			Suitable to local soil Good yield	5	5					‡			
										1			
			Traits ♥	Variety 1 ch (Sweet co		Variety 3	Variety 4	Variety 5		т			
Q6C: Make A Matrix Variety to Traits and			Drought tolerant	4	Longe 5	Ü		-		1			
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember		Maize	Early maturing Good eating quality	2	3					1			
that the Variety name and the trait will be		Walze	High market demand Storage longevity	3	7					+			
autofilled from the questions 5 and 1			Suitable to local soil	5	2					1			
			Good yield	6						İ			
				Variety 1	Variety 2	Variety 3	Variety 4	Variety 5		-			
						0	0	0		I			
O4D: Malica & Matrica V.	1		Traits ♥ Drought tolerant	sesame2	Black seeded	Ü				Ī			
give Ranks. 1 = very important, 7= least			Drought tolerant Early maturing		Black seeded 1 5	0				1			
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember		Sesame (sim sim)	Drought tolerant Early maturing Good eating quality High market demand		Black seeded 1 5 3								
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be		Sesame (sim sim)	Drought tolerant Early maturing Good eating quality High market demand Storage longevity	sesame2 1 5	1 5 3 4 6 7								
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be		Sesame (sim sim)	Drought tolerant Early maturing Good eating quality High market demand	sesame2 1 5	Black seeded 1 5 3 4 6 7								
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be		Sesame (sim sim)	Drought tolerant Early maturing Good eating quality High market demand Storage longevity Suitable to local soil	sesame2 1 5 3 4 6 7 7	1 5 3 4 6 7 2	Va. 1	Value	Was in the second					
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be		Sesame (sim sim)	Drought tolerant Early maturing Good eating quality High market demand Storage longevity Suitable to local soil Good yield Traits	sesame2 1 5 3 4 6 7 7	1 5 3 4 6 7 2	Variety 3	Variety 4	Variety 5					
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)	Drought tolerant Early maturing Good eating quality High market demand Storage longevity Suitable to local soil Good yield Traits Drought tolerant	sesame2 1 5 3 4 6 7 2 Variety 1	1 5 3 4 6 7 2 Variety 2		Variety 4	Variety 5					
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 Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least		Sesame (sim sim)	Drought tolerant Early maturing Good eating quality High market demand Storage longevity Suitable to local soil Good yield Traits Drought tolerant Early maturing Good eating quality	sesame2 1 5 3 4 6 7 2 Variety 1	1 5 3 4 6 7 2 Variety 2		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 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			Drought tolerant Early maturing Good eating quality High market demand Storage longevity Suitable to local soil Good yield Traits ♥ Drought tolerant Early maturing	sesame2 1 5 3 4 6 7 2 Variety 1	1 5 3 4 6 7 2 Variety 2		Variety 4	Variety 5					

State	1	1											
Nate		Jonglei State											
Payam		Anyidi											
Location tag													
Gender Group		Female Group											
schael 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 Naotarar)	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	Sukuma wiki		
		Preferred traits ♥	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10	
			Sorghum	Maize	Groundnut	Cowpea	same (sim si	Onion	Tomato	Jute mallow	Okra	ukumawi	Total
Q3: Make A Matrix Crop to Traits and give	Trait 1	Early maturing	4	2	2	1	1	5	4	2	3	1	
Ranks. 1 = very important, 7= least	Trait 2	High market demand	7	5	4	3	2	2	2	3	4	2	
important. Do this for each crop. Remember that the crop name and the trait will be	Trait 3	Drought tolerant	1	7	6	6	6	6	7	7	6	7	
autofilled from the questions 1 and 2	Trait 4 Trait 5	Flood tolerant Good eating quality Good processing quality	2	<u>6</u>	7	7	7 5	7	5	5	7	6 5	
	Trait 6	(chine and Nantarar)	6	4	3	4	3	3	6	6	5	3	
	Trait 7	Suitable to local soil	5	3	5	5	4	4	3	1	1	4	
		Total →	28	28	28	28	28	28	28	28	28	28	
Q4: Select the 5 most preferred crops form		Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5							
above table. (select from drop down)													
		Sorghum	Groundnut	Okra	Maize	Cowpea							
			Variety 1	Variety 2	Variety 3	Variety 4	Variety 5						
		Sorghum	Akuoracot Mateleke	Beer	Agongkou				1				
Q5. What are the common varieties grown for each above 5 crops? Select		Groundnut Okra	Pusa sawani	Arooi Clemson spir	neless				†				
max 5 varieties per crop and Type (the		Maize	Kech	Yari]				
crops will be autofilled in the red cells) >		Cowpea	Ajoh	Banataro	Areng	Aluel			<u> </u>				
	-								1				
									I				
	1		Traits ↓	Variety 1	Variety 2		Variety 4	Variety 5	I. 	1			
Q6A: Make A Matrix Variety to Traits and			Traits Early maturing High market demand	Variety 1 Akuoracot		Variety 3 Agongkou	Variety 4	Variety 5					
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember		Sorghum	Early maturing High market demand Drought tolerant	Variety 1 Akuoracot 2 4			Variety 4	Variety 5					
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be		Sorghum	Early maturing High market demand Drought tolerant Flood tolerant Good eating quality	Variety 1 Akuoracot 2 4 1 7			Variety 4	Variety 5					
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember		Sorghum	Early maturing High market demand Drought tolerant Flood tolerant	Variety 1 Akuoracot 2 4 1 7 3 6 5			Variety 4	Variety 5					
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be		Sorghum	Early maturing High market demand Drought tolerant Flood tolerant Good eating quality Good processing quality (chips and Naotarar)	Akuoracot 2 4 4 1 7 7 3 6 5 5	Beer 2 3 3 1 1 5 5 2 6 5 5	Agongkou 3 4 4 3 5 6 6 1 3 3	0	0					
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be		Sorghum	Early maturing High market demand Drought tolerant Flood tolerant Good earling quality (chips and Naotarar) Suitable to local soil	Akuoracot 2 4 4 1 7 7 3 6 5 5	Beer 2 3 3 1 1 5 5 2 6 5 5	Agongkou 3 4 4 3 5 6 6 1 3 3	Variety 4 0 Variety 4	0					
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	Early maturing High market demand Drought tolerant Flood tolerant Good eating quality (chips and Naotarar). Sultable to local soil	Akuoracot	8eer 2 3 3 1 1 5 5 2 6 6 5 5 Variety 2	Agongkou 3 4 4 3 5 6 6 1 3 3	0	0					
give Ranks. 1 = very important, 7 = least important. Do this for each crop. Remember that the Variety name and the trait will be autofilied from the questions 5 and 1 usufoffiled from the questions 5 and 1 QGB: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least important. Do this for each crop. Remember 1		Sorghum	Early maturing High market demand Drought tolerant Flood tolerant Good eating quality (chips and Naotarar) Suitable to local soil Traits Early maturing	Akuoracot	8eer 2 3 3 1 1 5 5 2 6 6 5 5 Variety 2	Agongkou 3 4 4 3 5 6 6 1 3 3	0	0					
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 Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least			Early maturing High market demand Drought tolerant Flood tolerant Good eating quality (chips and Naotarar) Suitable to local soil Traits Early maturing High market demand Drought tolerant Flood tolerant Good eating quality Good eating tolerant Flood tolerant Good eating quality	Akuoracot	8eer 2 3 3 1 1 5 5 2 6 6 5 5 Variety 2	Agongkou 3 4 4 3 5 6 6 1 3 3	0	0					
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 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			Early maturing High market demand Drought tolerant Flood tolerant Good eating quality Good processing quality (chips and Naotarar) Sultable to local soil Traits ♥ Early maturing High market demand Drought tolerant Flood tolerant	Akuoracot 2 4 1 7 3 6 5 Variety 1 Mateleke 2 3 7 6 1 4 5	Beer 2 3 3 1 5 5 5 5 5 5 5 5 7 7	Agongkou	0	0					
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 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			Early maturing High market demand Drought tolerant Flood tolerant Good eating quality (chips and Naotarar) Suitable to local soil Traits Early maturing High maturing High market demand Drought tolerant Flood tolerant Good eating quality (chips and Naotarar) Good eating quality (chips and Naotarar)	Akuoracot 2 4 1 7 3 6 5 Variety 1 Mateleke 2 3 7 6 5 SUM(F55:F6	Beer 2 3 3 1 1 5 5 5 5 5 5 5 5	Agongkou 3 4 4 3 3 5 6 6 1 1 3 3 Variety 3 0	Variety 4	Variety 5					
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 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			Early maturing High market demand Drought tolerant [Flood tolerant Good eating quality Good processing quality (chips and Naotarar) Suitable to local soil Traits ▼ Early maturing High market demand Drought tolerant [Flood tolerant Good eating quality (chips and Naotarar) Suitable to local soil	Akuoracot 2 4 1 7 3 6 5 Variety 1 Mateleke 2 3 7 6 5 SUM(F55:F6	Beer 2 3 3 1 1 5 5 5 5 5 5 5 5	Agongkou 3 4 4 3 3 5 6 6 1 1 3 3 Variety 3 0	0	Variety 5					
give Banks. 1 = very important, 7 = least important. Do this for each roop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6B: Make A Matrix Variety to Traits and give Banks. 1 = very important, 7 = least important. Do this for each roop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6C: Make A Matrix Variety to Traits and			Early maturing High market demand Drought tolerant Flood tolerant Good eating quality (Good processing quality (Chips and Naotarar) Sultable to local soil Traits ▼ Early maturing High maturing High market demand Drought tolerant Good eating quality (Chips and Naotarar) Sultable to local soil Traits ▼ Early maturing High market demand Drought tolerant Good eating quality (Chips and Naotarar) Sultable to local soil	Akuoracot 2 4 1 7 3 6 5 Variety 1 Mateleke 2 3 7 6 5 SUM(F55:F6	Beer 3 3 3 1 1 5 5 5 5 2 2 6 6 5 5 5 5 7 2 8 7 7 7 6 6 1 1 5 5 5 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	Agongkou 3 4 4 3 3 5 6 6 1 1 3 3 Variety 3 0	Variety 4	Variety 5					
give Banks. 1 = very important, 7 = least important. Do no. Remember that the Variety name and the trait will be autofilied from the questions 5 and 1 Q6B: Make A Matrix Variety to Traits and give Banks. 1 = very important, 7 = least important. Do this for each crop. Remember that the Variety name and the trait will be autofilied from the questions 5 and 1 Q6C: Make A Matrix Variety to Traits and give Banks. 1 = very important, 5 least important. Do this for each crop. Remember 1 and 1			Early maturing High market demand Drought tolerant Flood tolerant Good eating quality (chips and Naotarar) Suitable to local soil Traits ▼ Early maturing High market demand Drought tolerant Cood soil Cood processing quality (chips and Naotarar) Suitable to local soil Traits ▼ Early maturing Good sating quality (chips and Naotarar) Suitable to local soil Traits ▼ Early maturing	Akuoracot 2 4 1 7 3 6 5 Variety 1 Mateleke 2 3 7 6 5 SUM(F55:F6	Beer 3 3 3 1 1 5 5 5 5 2 2 6 6 5 5 5 5 7 2 8 7 7 7 6 6 1 1 5 5 5 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	Agongkou 3 4 4 3 3 5 6 6 1 1 3 3 Variety 3 0	Variety 4	Variety 5					
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 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 Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least		Groundnut	Early maturing High market demand Drought tolerant [Flood tolerant Good eating quality (Good seating quality (Sood processing quality (Chips and Naotarar) Suitable to local seil [Flood tolerant Good eating quality (Chips and Naotarar) Suitable to local seil [Flood tolerant Good eating tolerant Good eating quality (Good processing quality (Chips and Naotarar) Suitable to local soil [Flood eating tolerant Good eating quality (Good eating quality Good eating Quality Good eating quality Good eating quality Good eating quality	Akuoracot 2 4 1 7 3 6 5 Variety 1 Mateleke 2 3 7 6 5 SUM(F55:F6	Beer 3 3 3 1 1 5 5 5 5 2 2 6 6 5 5 5 5 7 2 8 7 7 7 6 6 1 1 5 5 5 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	Agongkou 3 4 4 3 3 5 6 6 1 1 3 3 Variety 3 0	Variety 4	Variety 5					
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	l	5										
State		Jonglei State										
Payam		Pochalla										
Location tag												
Cd C		Female										
Gender Group		Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7				
Q1: What are the most important criteria				High market	Flood	High	Cond onting	Early				
that you look when you select your most preferred crops (select the most important 7		Good yield	Drought tolerant	demand	tolerant	nutrient contents	Good eating quality	maturing				
criteria for 10 crops max)?			Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 1
03.5								Bambara				
Q2. Based on the above criteria now you select the 10 crops for preference analysis?			Sorghum	Groundnut	Maize	Cassava	Jute mallow	nut	Tomato	Sweet potato	Sugarca ne	Mang
		Preferred traits ♥	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 1
		Preferred traits *		Groundnut	Maize		Jute mallow			-	- 1	-
			Sorghum			Cassava			Tomato	Sweet potato		
	Trait 1	Good yield	1	1	1	1	4	3	5	1	1	1
Q3: Make A Matrix Crop to Traits and give Ranks. 1 = very important, 7= least	Trait 2	Drought tolerant	7	6	7	2	5	6	7	2	3	2
important. Do this for each crop. Remember that the crop name and the trait will be	Trait 3	High market demand	3	5	4	4	6	4	3	4	5	5
autofilled from the questions 1 and 2	Trait 4 Trait 5	Flood tolerant	5 4	7 3	6 5	7 5	7	7	6 2	6	2	3
	Trait 6	High nutrient contents 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
	ı	Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5	1					
Q4: Select the 5 most preferred crops form		Sei Crop i	Sei Crop 2	Sei Crop 3	Sei Crop 4	Sei Crop 5						
above table. (select from drop down)		Sorahum	Groundnut	Maize	Cassava	Sugar cane						
		-					•					
							1		ı			
			Variety 1	Variety 2	Variety 3	Variety 4	Variety 5					
		Sorghum	beel Gaabga		Beel Athwol							
Q5. What are the common varieties grown for each above 5 crops? Select max		Groundnut Maize	Anywaa Abac Toome	Boma Abac Amaara	Abas Pinyo							
5 varieties per crop and Type (the crops		Cassava	Babara	ADdC Alliddi a	Abac Biriyo							
will be autofilled in the red cells) ->		Sugar cane	Local variety									
	1		Traits Ψ	Variety 1	Variety 2 Beel Alaango	Variety 3 Beel Athwol	Variety 4	Variety 5		1		
Q6A: Make A Matrix Variety to Traits and			Good yield Drought tolerant	2	2	1 7				1		
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember		Sorghum	High market demand Flood tolerant	5	4	4				1		
that the Variety name and the trait will be autofilled from the questions 5 and 1			High nutrient contents	4		5						
					-	2						
			Good eating quality Early maturing	3	3	3						
			Good eating quality Early maturing	3 28	3 1 28							
	 		Early maturing Traits	3	3 1 28		Variety 4	Variety 5				
Q6B: Make A Matrix Variety to Traits and	 		Early maturing Traits Good yield Drought tolerant	3 28 Variety 1	3 1 28 Variety 2 Boma			Variety 5				
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember	 	Groundnut	Traits Good yield Drought tolerant High market demand Flood tolerant	3 28 Variety 1 Anywaa	3 1 28 Variety 2 Boma			Variety 5				
give Ranks. 1 = very important, 7= least	 	Groundnut	Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality	3 28 Variety 1 Anywaa	3 1 28 Variety 2 Boma			Variety 5				
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be	 	Groundnut	Traits ♥ Good yield Drought tolerant High market demand Flood tolerant High nutrient contents	3 28 Variety 1 Anywaa	3 1 28 Variety 2 Boma			Variety 5				
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember that the Variety name and the trait will be		Groundnut	Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality	3 28 Variety 1 Anywaa 1 4 5 7 3 2 6	3 18 28 Variety 2 Boma 2 6 5 7 4 3 1 28	Variety 3	Variety 4	0				
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	Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing	3 28 Variety 1 Anywaa 1 4 5 7 3 3 2 6 28 Variety 1	3 1 28 Variety 2 Boma	Variety 3 0 Variety 3	Variety 4	0				
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 Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least			Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant	3 28 Variety 1 Anywaa 1 4 5 7 3 3 2 6 28 Variety 1	3 18 28 Variety 2 Boma 2 6 5 7 4 3 1 28 Variety 2	Variety 3 0 Variety 3	Variety 4	0				
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 Maize	Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant Flood tolerant	3 28 Variety 1 Anywaa 1 4 5 7 3 3 2 6 28 Variety 1	3 18 28 Variety 2 Boma 2 6 5 7 4 3 1 28 Variety 2	Variety 3 0 Variety 3	Variety 4	0				
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 Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least important. Do this for each crop. Remember			Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High market demand High nutrient contents Good eating quality	28 Variety 1 Anywa 1 4 5 7 7 3 2 6 6 28 Variety 1 Abac Toome 4 1 2 3 7 5 5	3 18 28 Variety 2 Boma 2 6 5 7 4 3 1 28 Variety 2	Variety 3 0 Variety 3	Variety 4	0				
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 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			Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High market demand Flood tolerant	3 28 Variety 1 Anywaa 1 4 5 7 3 3 2 6 28 Variety 1	3 11 28 Variety 2 80ma 6 5 7 7 4 3 1 28 Variety 2 Abac Amaara 4 3 5 7 7 2	Variety 3 0 Variety 3 Abac Binyo	Variety 4	0				
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 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			Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High mutrient contents Good eating quality Early maturing	28 Variety 1 Anywaa 1 Anywaa 1 5 7 3 2 6 28 Variety 1 Abac Toome 4 1 1 2 3 7 5 6 28 Variety 1 Variety 1	3 1 28 Variety 2 2 5 5 5 5 5 5 7 4 4 3 3 1 1 28 Variety 2 4 Abac Amaara 6 6 4 3 3 5 7 2 2 1 1 288 Variety 2 1 2 8 5 5 7 7 2 1 2 8 5 5 7 7 2 2 8 5 5 7 7 2 2 8 5 5 7 7 2 2 8 5 5 7 7 2 2 8 7 7 2 2 8 7 7 2 2 8 7 7 2 2 8 7 7 2 2 8 7 7 7 2 2 8 7 7 7 2 2 8 7 7 7 2 2 8 7 7 7 2 2 8 7 7 7 7	Variety 3 0 Variety 3 Abac Binyo Variety 3	Variety 4	0				
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 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			Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High maturing Traits Good eating quality Early maturing	28 Variety 1 Anywaa 1 5 7 3 2 6 6 28 Variety 1 Abac Toome 4 1 2 3 7 5 6 6 28	3 1 28 Variety 2 80ms 2 5 5 7 7 7 4 4 4 3 3 1 28 Variety 2 Abac Amaarara 4 4 3 3 5 5 7 7 7 2 2 8 2 8 2 8 2 8 2 8 2 8 8 2 8 8 2 8	Variety 3 0 Variety 3 Abac Binyo	Variety 4 0 Variety 4	Variety 5				
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 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 Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least		Maize	Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Traits Good eating quality Early maturing	28 Variety 1 Anywaa 1 4 5 7 7 2 2 2 8 Variety 1 Abac Tome 2 2 3 7 7 6 6 28 Variety 1 Babara 3 3 4 4 Variety 1 Abac Tome 3 Abac Tome 4 Abac Tome 4 Abac Tome 5 Abac Tome 6 Abac Tome 8 Abac Tome 8 Abac Tome 8 Variety 1 Abac Tome 9 Abac Tome 1 Abac T	3 1 28 Variety 2 2 5 5 5 5 5 5 7 4 4 3 3 1 1 28 Variety 2 4 Abac Amaara 6 6 4 3 3 5 7 2 2 1 1 288 Variety 2 1 2 8 5 5 7 7 2 1 2 8 5 5 7 7 2 2 8 5 5 7 7 2 2 8 5 5 7 7 2 2 8 5 5 7 7 2 2 8 7 7 2 2 8 7 7 2 2 8 7 7 2 2 8 7 7 2 2 8 7 7 7 2 2 8 7 7 7 2 2 8 7 7 7 2 2 8 7 7 7 2 2 8 7 7 7 7	Variety 3 0 Variety 3 Abac Binyo Variety 3	Variety 4 0 Variety 4	Variety 5				
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 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 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			Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High nutrient tolerant High murrient tolerant High market demand Flood tolerant High murrient contents Good eating quality Early maturing	28 Variety 1 Anywaa 1 4 5 7 3 2 2 6 28 Variety 1 Abac Ioome 4 4 1 1 2 3 7 7 5 6 28 Variety 1 Babara Babara 1 3	3 1 28 Variety 2 Boms 2 6 5 5 7 7 4 4 3 3 1 28 Variety 2 Abac Amaaran 5 5 7 7 2 2 1 1 28 Variety 2 0	Variety 3 0 Variety 3 Abac Binyo Variety 3	Variety 4 0 Variety 4	Variety 5				
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 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 Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least important. Do this for each crop. Remember to the part of the		Maize	Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing	28 Variety 1 Anywaa 1 1 4 5 7 7 3 2 2 6 28 Variety 1 Abac Toome 4 4 1 2 2 3 7 5 6 28 Variety 1 Babara 1 1 Babara 1 3 4 4 7 7	3 1 28 Variety 2 Boms 2 6 5 5 7 7 4 4 3 3 1 28 Variety 2 Abac Amaaran 5 5 7 7 2 2 1 1 28 Variety 2 0	Variety 3 0 Variety 3 Abac Binyo Variety 3	Variety 4 0 Variety 4	Variety 5				
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 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 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		Maize	Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant	28 Variety 1 Anywaa 1 1 4 5 7 7 3 2 2 6 28 Variety 1 Abac Ioome 4 4 1 2 2 3 7 5 6 28 Variety 1 Babara Babara 1 3 4 4 7 7 6 6 2 2	3 1 28 Variety 2 8 5 5 5 5 5 7 4 4 9 7 8 7 8 7 8 7 9 7 9 7 9 7 9 7 9 7 9 7	Variety 3 0 Variety 3 Abac Binyo Variety 3	Variety 4 0 Variety 4	Variety 5				
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 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 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		Maize	Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High murrent contents Good eating quality Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand High market demand High market demand High market demand High market demand High nutrient contents Good eating quality Early maturing	28 Variety 1 Anywaa 4 4 5 6 28 Variety 1 Abac Jomes 5 6 8 Variety 1 Abac Jomes 1 2 3 7 5 6 8 Variety 1 Babara Babara 1 3 4 7 6 2 8 Variety 1	3 1 28 Variety 2 80ms 1 28 Som 2 2 2 5 5 5 7 7 4 4 3 3 1 1 28 Variety 2 4 Abac Aman a 6 4 3 3 5 7 7 2 1 1 28 Variety 2 0 0 1 2 2 8 1 2	Variety 3 O Variety 3 Abac Birryo Variety 3 O Variety 3 O Variety 3	Variety 4 0 Variety 4 0 Variety 4 0 Variety 4 0	Variety 5 0 Variety 5 0 Variety 5				
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 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 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		Maize	Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing	28 Variety 1 Anywaa 4 5 4 5 28 Variety 1 Abac Tomen 2 2 3 7 7 6 6 28 Variety 1 Babara 3 3 7 7 6 2 8 Variety 1 Babara 2 2 Variety 1 Babara 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 1 28 Variety 2 80ms 1 28 Som 2 2 2 5 5 5 7 7 4 4 3 3 1 1 28 Variety 2 4 Abac Aman a 6 4 3 3 5 7 7 2 1 1 28 Variety 2 0 0 1 2 2 8 1 2	Variety 3 0 Variety 3 Variety 3 Abac Binyo Variety 3	Variety 4 0 Variety 4 0 Variety 4 0 Variety 4 0	Variety 5				
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 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 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		Maize Cassava	Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good asting quality Early maturing Traits Good yield Drought tolerant High nutrient contents Good eating quality Early maturing Traits Good vield Drought tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High market demand Flood tolerant High market High market Brood tolerant High market Brood delrang Brood selfang Good eating quality Early maturing	28 Variety 1 Anywaa 4 4 5 6 28 Variety 1 Abac Jomes 5 6 8 Variety 1 Abac Jomes 1 2 3 7 5 6 8 Variety 1 Babara Babara 1 3 4 7 6 2 8 Variety 1	3 1 28 Variety 2 80ms 1 28 Som 2 2 2 5 5 5 7 7 4 4 3 3 1 1 28 Variety 2 4 Abac Aman a 6 4 3 3 5 7 7 2 1 1 28 Variety 2 0 0 1 2 2 8 1 2	Variety 3 O Variety 3 Abac Birryo Variety 3 O Variety 3 O Variety 3	Variety 4 0 Variety 4 0 Variety 4 0 Variety 4 0	Variety 5 0 Variety 5 0 Variety 5				
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 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 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		Maize	Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High nutrient contents Good eating quality Early maturing Traits Good yield Drought tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant High market demand Flood tolerant Good eating quality Early maturing	28 Variety 1 Anywaa 4 5 4 5 6 28 Variety 1 Abac Tomes 2 2 3 7 7 6 6 28 Variety 1 Babara 1 3 4 7 7 6 6 28 Variety 1 Carlety 1 C	3 1 28 Variety 2 80ms 1 28 Som 2 2 2 5 5 5 7 7 4 4 3 3 1 1 28 Variety 2 4 Abac Aman a 6 4 3 3 5 7 7 2 1 1 28 Variety 2 0 0 1 2 2 8 1 2	Variety 3 O Variety 3 Abac Birryo Variety 3 O Variety 3 O Variety 3	Variety 4 0 Variety 4 0 Variety 4 0 Variety 4 0	Variety 5 0 Variety 5 0 Variety 5				

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Serial Number		1	4									
State		Jonglei State										
Payam		Anyidi										
Location tag												
		Male										
Gender Group		Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7				
Q1: What are the most important criteria						Disease and						
that you look when you select your most preferred crops (select the most important 7		Good yield	Early maturing	High market demand	Drought tolerant	pest resistance	Less damage by birds	Good eating quality				
criteria for 10 crops max)?		Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10	
		Crop i	Clop 2	Crop 3	Clop 4	Crop 5	Стор в	Crop 7	стор в	C10p 9	Sesame	
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	(sim	
											sim)	
		Preferred traits ♥	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop
			Sorghum	Groundnut	Maize	Okra	Cowpea	Jute mallow	Tomato	Onion	Rigila	me (s
	Trait 1	Good yield	1	5	3	6	4	6	3	5	6	2
Q3: Make A Matrix Crop to Traits and give	Trait 2	Early maturing	4	3	4	4	2	2	4	3	2	1
Ranks. 1 = very important, 7= least important. Do this for each crop. Remember	Trait 3	High market demand	3	2	2	3	3	3	1	1	3	5
that the crop name and the trait will be autofilled from the questions 1 and 2		Drought tolerant Disease and pest	5	6	7	5	7	5	6	6	7	7
	Hait 5	recistance	7	7	5	6	5	4	7	7	4	6 4
	Trait 6 Trait 7	Less damage by birds Good eating quality	6	1	6 1	2	6	3	5 2	2	5	3
	Trait 7	Total →	-		,	2		3	2			3
		Total 2										
04.6.1		Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5						
Q4: Select the 5 most preferred crops form above table. (select from drop down)												
		Sorghum	Groundnut	Okra	Maize	Tomato						
			Variety 1	Variety 2	Variety 3	Variety 4	Variety 5					
		Sorghum	Akourachot	Beer	Dhet							
Q5. What are the common varieties grown for each above 5 crops? Select max		Groundnut Okra	Mr. Lakes Clemson spine	Redbeauty Pusa sawani	Lokoya							
5 varieties per crop and Type (the crops		Maize	Longe 5	Yellow corn								
will be autofilled in the red cells) →		Tomato	Money Maker	Cal J								
	1		Traits Ψ	Variety 1 Akourachot	Variety 2 Beer	Variety 3 Dhet	Variety 4	Variety 5		1		
Q6A: Make A Matrix Variety to Traits and			Good yield Early maturing							-		
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember		Sorghum	High market d	emand						1		
that the Variety name and the trait will be autofilled from the questions 5 and 1			Disease and p	est resistance						1		
autoniled from the questions 5 and 1			Less damage l Good eating q	uality						_		
										1		
			Traits Ψ	Variety 1 Mr. Lakes	Variety 2 Redbeauty	Variety 3 Lokoya	Variety 4	Variety 5		1		
Q6B: Make A Matrix Variety to Traits and			Good yield Early maturing	1 2	4	2				-		
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember		Groundnut	High market d	3	5	3				1		
that the Variety name and the trait will be autofilled from the questions 5 and 1			Disease and p	7	É					1		
automica from the questions 5 and 1			Less damage li Good eating q		3	1				1		
										1		
			Traits ♥	Variety 1 emson spinele	Variety 2 Pusa sawani	Variety 3	Variety 4	Variety 5		1		
Q6C: Make A Matrix Variety to Traits and			Good yield Early maturing	5	4					-		
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember		Okra	High market d Drought tolera	2	2					-		
that the Variety name and the trait will be autofilled from the questions 5 and 1			Disease and p	7	7					1		
			Less damage l Good eating q	1	2					_		
										1		
			Traits Ψ	Variety 1 Longe 5	Variety 2 Yellow corn	Variety 3	Variety 4 0	Variety 5		1		
Q6D: Make A Matrix Variety to Traits and			Good yield Early maturing	3	3				·	-		
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember		Maize	High market d	2	1					-		
that the Variety name and the trait will be autofilled from the questions 5 and 1			Disease and p	6	4					1		
			Less damage l Good eating q		1					1		
			-					<u> </u>	<u> </u>	1		
			Traits Ψ	Variety 1 Money Maker	Variety 2	Variety 3	Variety 4	Variety 5		1		
Q6D: Make A Matrix Variety to Traits and			Good yield Early maturing	5 9 4	4					-		
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember		Tomato	High market d Drought tolera	1 6	1					-		
that the Variety name and the trait will be autofilled from the questions 5 and 1			Disease and p	7	7					1		
			Good eating q	2	2					1		

		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					
21: What are the most important criteria hat you look when you select your most		Good eating quality	Suitable to	Less damage by	Brewing	Early	High market	Good yield					
oreferred crops (select the most important 7 criteria for 10 crops max)?		Good eating quanty	local soil	birds	taste	maturing	demand	Good yield					
		Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10		
22. Based on the above criteria now you		Sorghum	Groundnut	Maize	Sesame (sim sim)	Pearl millet	Cowpea	Okra	Onion	Jute mallow	Sukuma wiki		
select the 10 crops for preference analysis?					(SIIII SIIII)					manow	WIKI		
		Preferred traits ♥	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10	
			Sorghum	Groundnut	Maize	same (sim s	Pearl millet	Cowpea	Okra	Onion	ute mallo	ukumawi	Tota
	Trait 1	Good eating quality	1	1	1	7	1	1	1	1	1	1	
23: Make A Matrix Crop to Traits and give	Trait 2	Suitable to local soil	2	2	3	2	4	2	5	3	5	5	
Ranks. 1 = very important, 7= least mportant. Do this for each crop. Remember	Trait 3	Less damage by birds	3	3	7	6	6	6	6	6	7	7	
hat the crop name and the trait will be autofilled from the questions 1 and 2	Trait 4	Brewing taste	6	7	6	1	7	7	7	7	6	6	
		Early maturing High market demand	<u>4</u> 5	6 4	4 2	<u>3</u>	5 3	3 4	2	5 2	3	2	
		Good yield	7	5	5	4	2	5	3	4	4	4	
		Total →	28	28	28	28	28	28	28	28	28	28	,
		Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5							
Q4: Select the 5 most preferred crops form		Sei Crop i	Sei Crop 2	Sei Crop 3	Sei Crop 4	Sei Crop 5							
above table. (select from drop down)		Sorghum	Groundnut	Maize	Sesame (sim	Pearl millet							
				•	*	,							
									Ī				
			Variety 1	Variety 2	Variety 3	Variety 4	Variety 5						
		Sorghum	Akuorachot	Beer	Challa	Maniok							
25. What are the common varieties grown for each above 5 crops? Select max		Groundnut Maize	Mateleke Ketch (Sweet	Maualuga Te Longe5 (Erro									
varieties per crop and Type (the crops			Black seeded (
vill be autofilled in the red cells) →		Pearl millet	Awuou										
									Į.				
									ī				
			Traits Ψ	Akuorachot	Variety 2 Beer	Challa	Variety 4 Maniok	Variety 5		I			
26A: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least			Good eating que Suitable to loca		5	4	5						
mportant. Do this for each crop. Remember hat the Variety name and the trait will be		Sorghum	Less damage be Brewing taste	7	6	6	6						
autofilled from the questions 5 and 1						3	7			Į.			
			Early maturing High market d		3	3 7 5	7 2 3						
					3	3 7 5 4	7 2 3 4						
			High market d Good yield	4	3 2 4 Variety 2	3 7 5 4 Variety 3	7 2 3 4 Variety 4	Variety 5					
06B ° Make & Matrix Variety to Traits and			High market d Good yield Traits Good eating qu	Variety 1 Mateleke	Variety 2 Malualteny	3 7 5 4 Variety 3 Arooi 1	7 2 3 4 Variety 4 0	Variety 5					
Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least			High market d Good yield Traits Good eating qu Suitable to loc. Less damage b	Variety 1 Mateleke	Variety 2 Malualteny		7 2 3 4 Variety 4 0	Variety 5					
give Ranks. 1 = very important, 7= least mportant. Do this for each crop. Remember hat the Variety name and the trait will be		Groundnut	High market d Good yield Traits Good eating questions of the control of the c	Variety 1 Mateleke 1 4 6	Variety 2 Malualteny		7 2 3 3 4 Variety 4 0	Variety 5					
give Ranks. 1 = very important, 7= least mportant. Do this for each crop. Remember		Groundnut	High market d Good yield Traits Good eating qu Suitable to loc Less damage t Brewing taste	Variety 1 Mateleke 1 4 6 7	Variety 2 Malualteny		7 2 2 3 4 4 Variety 4 0	Variety 5					
give Ranks. 1 = very important, 7= least mportant. Do this for each crop. Remember hat the Variety name and the trait will be		Groundnut	High market d Good yield Traits ♥ Good eating qu Suitable to loc. Less damage t Brewing taste Early maturing High market d	Variety 1 Mateleke 1 6 7 3 2 5	Variety 2 Malualteny 1 6 7 2 4 3 5 5	Arooi 1 6 2 3 3 7 4 4 5 5	0	0					
give Ranks. 1 = very important, 7= least mportant. Do this for each crop. Remember hat the Variety name and the trait will be		Groundnut	High market d Good yield Traits Good eating qi Suitable to loc. Less damage b Brewing taste Early maturing High market d Good yield Traits T	2 4 Variety 1 Mateleke 1 6 7 3 2 5 Variety 1 tch (Sweet co	Variety 2 Malualteny 1 6 7 2 4 3 5 Variety 2	Arooi 1 6 2 3 3 7 4 4 5 5	0	0					
jive Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember hat the Variety name and the trait will be utofilled from the questions 5 and 1		Groundnut	High market d Good yield Traits Good eating qu Suitable to loc. Less damage t Brewing taste Early maturing High market d Good yield Traits Good eating qu	2 4 Variety 1 Mateleke 1 6 7 3 2 5 Variety 1 tch (Sweet co	Variety 2 Malualteny 1 6 7 2 4 3 5 5	Arooi 1 6 2 3 3 7 4 4 5 5	0	0					
pive Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember hat the Variety name and the trait will be utofilled from the questions 5 and 1 26C: Make A Matrix Variety to Traits and pive Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember		Groundnut	High market d Good yield Traits ♥ Good eating qi Suitable to loc. Less damage b Brewing taste Early maturing High market d Good yield Traits ♥ Good eating qi Suitable to loc. Less damage les damages les da	Variety 1 Mateleke 1 4 6 7 3 2 5 Variety 1 tch (Sweet co	Variety 2 Malualteny 6 7 2 4 3 5 5 Variety 2 2 6 7	Arooi 1 6 2 3 3 7 4 4 5 5	0	0					
pive Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember hat the Variety name and the trait will be utofilled from the questions 5 and 1 26C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember hat the Variety name and the trait will be		Groundnut Maize	High market d Good yield Traits Good eating qi Suitable to loc. Less damage t Brewing taste Early maturing High market d Good yield Traits Good eating qi Suitable to loc. Less damage t Brewing taste Brewing taste Early maturing	Variety 1 Mateleke 1 4 6 7 3 2 5 Variety 1 ch (Sweet cc 1 5 7 6 4	Variety 2 Malualteny 16 77 2 4 4 3 3 5 Variety 2 Conges (Error	Arooi 1 6 2 3 3 7 4 4 5 5	0	0					
pive Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember hat the Variety name and the trait will be utofilled from the questions 5 and 1 26C: Make A Matrix Variety to Traits and pive Ranks. 1 = very important, 7 = least mportant. Do this for each crop. Remember		Groundnut Maize	High market d Good yield Traits Good eating qi Suitable to loc. Less damage t Brewing taste Brewing taste Good yield Traits Good eating qi Good eating qi Suitable to loc. Less damage t Brewing taste	Variety 1 Mateleke 1 4 6 7 3 2 5 Variety 1 ch (Sweet cc 1 5 7 6 4	Variety 2 Malualteny 16 77 2 4 4 3 3 5 Variety 2 Conges (Error	Arooi 1 6 2 3 3 7 4 4 5 5	0	0					
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Serial Number		3	•										
State _		Jonglei State											
Payam		Lukurnyang											
Location tag													
Condor Croup		Male											
Gender Group		Trait 1	Trait 2	Trait 3	Trait 4	Trait 5	Trait 6	Trait 7					
Q1: What are the most important criteria						High							
that you look when you select your most preferred crops (select the most important 7		Good yield	Drought tolerant	High market demand	Good oil content	nutrient contents	Good eating quality	Early maturing					
criteria for 10 crops max)?		Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10		
		Clop I	Crop 2	Crop 3	Crop 4		Стор в	стор /	Стор в	Crop 9	CIOP IO		
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	
			Maize	Sorghum	Pumpkin	Groundnut	Jute mallow	Cowpea	Onion	Tomato	Amaranth	Okra	Total V
													TOTAL
	Trait 1	Good yield	5	5	5	5	5	6	4	4	5	4	4
Q3: Make A Matrix Crop to Traits and give Ranks. 1 = very important, 7= least	Trait 2	Drought tolerant	6	6	6	7	6	5	7	7	7	6	6
important. Do this for each crop. Remember that the crop name and the trait will be	Trait 3	High market demand	1	3	4	2	4	2	1	2	2	2	2
autofilled from the questions 1 and 2	Trait 4		7	7	7	3	7	7	6	6	6	7	6
	Trait 5 Trait 6	High nutrient contents Good eating quality	2	2	1	1	1	4 1	3	1	3 1	3 1	4
	Trait 7	Early maturing	4	4	2	6	3	3	5	5	4	5	4
	-	Total →	28	28	28	28	28	28	28	28	28	28	'
							1						
Q4: Select the 5 most preferred crops form		Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5]						
above table. (select from drop down)													
		Maize	Sorghum	Pumpkin	Jute mallow	Okra	l						
			Variety 1	Variety 2	Variety 3	Variety 4	Variety 5						
			-	-									
OF 14/1-14 4b-1		Maize Sorghum	Atila(yellow se Bilnyang	Sesso 3									
Q5. What are the common varieties grown for each above 5 crops? Select max		Pumpkin	America	Murle									
5 varieties per crop and Type (the crops will be autofilled in the red cells) →		Jute mallow	local										
will be automied in the red cells) 7		Okra	Clemson Spine	Pusa Sawani									
			Traits ↓	Variety 1 tila(yellow seed	Variety 2 Longe 5	Variety 3	Variety 4	Variety 5]			
Q6A: Make A Matrix Variety to Traits and				6									
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember			Good yield Drought tolera	4	5					-			
		Maize	Drought tolera High market d	3	5								
that the Variety name and the trait will be		Maize	Drought tolera High market d Good oil conte High nutrient	6 3 r 7 s 2	5 3 7 2								
that the Variety name and the trait will be		Maize	Drought tolera High market d Good oil conte	6 3 r 7 s 2	5 3 7 2 2 1								
that the Variety name and the trait will be		Maize	Brought tolera High market d Good oil conte High nutrient Good eating q	id 3 i 7 c 2 L 1 s 5	4 5 3 77 2 2 1								
that the Variety name and the trait will be		Maize	Drought tolera High market d Good oil conte High nutrient Good eating q Early maturing	id 3 i 7 c 2 L 1 s 5	4 5 3 3 7 7 2 1 1 5 5 Variety 2 sesso3	Variety 3	Variety 4	Variety 5					
that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6B: Make A Matrix Variety to Traits and	 	Maize	Drought tolera High market d Good oil conte High nutrient Good eating q Early maturing Traits Good yield	3 7 7 2 2 2 4 1 1 3 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6	4 4 5 5 3 3 7 7 2 2 1 1 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6	Variety 3	Variety 4	Variety 5					
that the Variety name and the trait will be autofilled from the questions 5 and 1 Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least important. Do this for each crop. Remember	 	Maize Sorghum	Drought tolerar High market d Good oil conte High nutrient Good eating q Early maturing Traits Good yield Drought tolerar High market d	Variety 1 Bilnyang 1 6	4 5 5 3 7 7 2 2 1 5 5 5 5 4 6 6 3 3 7 7	Variety 3	Variety 4	Variety 5					
that the Variety name and the trait will be autofilled from the questions 5 and 1 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			Drought tolera High market d Good oil conte High nutrient Good eating q Early maturing Traits ▼ Good yield Drought tolera High market d Good oil conte Good oil conte	Variety 1 Bilnyang 6 2 2 4 4 5 5 4 6 6 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Variety 2 sesso3 4 6 3 7 7 2 1 5 5 8 8 8 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9	Variety 3	Variety 4	Variety 5					
that the Variety name and the trait will be autofilled from the questions 5 and 1 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			Drought tolera- High market d Good oil conte High nutrient i Good eating q Early maturing Traits Good yield Drought tolera- High market d Good oil conte	Variety 1 Bilnyang 6 2 7 5 1 8 1 1 1 1 1 1 1 1 1 1 1	Variety 2 sesso3 4 6 3 7 7 2 1 1 5 5	Variety 3	Variety 4	Variety 5					
that the Variety name and the trait will be autofilled from the questions 5 and 1 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			Drought tolerat High market d Good oil conte High nutrient . Good eating q Early maturing Traits Good yield Drought tolerat High nurrient . Good oil conte High nutrient . Good oil conte High nutrient . Good eating q	Variety 1 Bilnyang 6 2 7 7 8 9 1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	sesso3 6 6 3 7 5 2	0	0	0					
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Q6B: Make A Matrix Variety to Traits and 1 Q6C: Make A Matrix Variety to Traits and 1	 		Drought tolera High market d Good oil conte High nutrient Good eating q Early maturing Traits Good yield Drought tolera High nutrient Good oil conte High nutrient Good eating q Early maturing	Variety 1 Bilinyang 6 2 7 7 8 9 9 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1	sesso3 4 6 6 3 3 7 5 5 2 1 1 Variety 2	0	0	0					
C6B: 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	 		Drought tolera High market d Good oil conte High nutrient (Good eating a Early maturins) Traits ♥ Good yield Drought tolera High nutrient (Good eating a Early maturins) Traits ♥ Good oil conte High nutrient (Good eating a Early maturins)	Variety 1 Blinyang 6 2 7 8 1 8 1 1 1 1 1 1 1 1 1 1	sesso3 4 6 6 3 3 7 5 5 2 1 1 Variety 2	0	0	0					
C6B: 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 C6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important. To Traits and give Ranks. 1 = very important, 7 = least important. Do this for each crop. Remember that the 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	 	Sorghum	Drought tolera High market d Good oil conte High nutrient (Good eating a Early maturins) Traits ♥ Good yield Drought tolera High nutrient (Good eating a Early maturins) Traits ♥ Good vield prought tolera High nutrient (Good eating a Early maturins)	Variety 1 Blinyang 3 6 2 7 8 8 9 1 8 1 8 1 9 1 1 1 1 1 1 1 1 1 1 1	sesso3 4 6 6 3 3 7 5 5 2 1 1 Variety 2	0	0	0					
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 Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important. The trait will be autofilled from the questions 5 and 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	 	Sorghum	Drought tolera High market d Good oil conte High nutrient Good eating q Early maturing. Traits ♥ Good yield Drought tolera High market d Good oil conte High market d Good oil conte High mutrient Good eating q Early maturing.	Variety 1 Bilmyang 3 4 7 7 8 8 8 8 8 9 8 9 9 9 9 9 9 9 9 9 9 9	sesso3 4 6 6 3 3 7 5 5 2 1 1 Variety 2	0	0	0					
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Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least important from the questions 5 and 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 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 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		Sorghum	Drought tolera High market d Good oil conte High nutrient (Good eating q Early maturins) Traits ♥ Good yield Drought tolera High nutrient (Good eating q Early maturins) Traits ♥ Good yield Drought tolera High nutrient (Good eating q Early maturins) Traits ♥ Good yield Drought tolera High market d Good oil conte High nutrient (Good eating q Early maturins) Traits ♥ Good yield Drought tolera High nutrient (Good eating q Early maturins)	Variety 1 Bilnyang 6 2 7 7 8 8 9 1 8 1 8 1 1 8 1 1 1 1 1 1 1 1 1 1	\$\sesso3\$ 4 6 3 7 5 2 1 1 Variety 2 Murle 3 7 2 6 6 4 1 5	Variety 3	Variety 4	Variety 5					
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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 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 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 crop. Remember that the Variety name and the trait will be autofilled from the questions 5 and 1		Sorghum	Drought tolers High market d Good oil conte High nutrient. Good eating q Early maturing tolers High nutrient of Good yield Drought tolers High nutrient of Good eating q Early maturing tolers High market d Good oil conte High nutrient. Good eating q Early maturing tolers High market d Good oil conte High nutrient. Good eating q Early maturing tolers High market d Good oil conte High nutrient. Good eating q Early maturing tolers High market d Good oil conte High nutrient. Good eating q Early maturing tolers High market d Good oil conte High nutrient. Good eating q Early maturing tolers High market d Good yield Drought tolers High nutrient. Good eating q Early maturing tolers High market d Good oil conte High nutrient. Good eating q Early maturing tolers High nutrient Good eating q Early maturing tolers High market d Good oil context tolers High market d Goo	Variety 1 Bilinyang 3 4 7 7 8 1 8 1 8 1 1 8 1 1 1 1 1 1 1 1 1 1	sesso3 6 6 3 7 7 7 2 2 1 1 1 Variety 2 6 6 4 1 5 5 Variety 2 0 Variety 2 0 Variety 2 0	Variety 3 0 Variety 3 0 Variety 3	Variety 4 0 Variety 4 0 Variety 4	Variety 5 0 Variety 5 0 Variety 5					
that the Variety name and the trait will be autofilled from the questions 5 and 1 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 Pumpkin Jute mallow	Drought tolera High market d Good oil conte High nutrient of Good eating a Early maturing tolera High nutrient of Good eating a Early maturing tolera High nutrient of Good eating a Early maturing tolera High market d Good oil conte High nutrient of Good eating a Early maturing tolera High market d Good oil conte High nutrient of Good eating a Early maturing tolera High market d Good oil conte High nutrient of Good eating a Early maturing tolera High nutrient of Good eating a Early maturing Early maturing tolera High nutrient of Good eating a Early maturing tolera High nutrient of Good eating a Early maturing tolera High nutrient of Good eating a Early maturing tolera High nutrient of Good eating a Early maturing tolera High nutrient of Good eating a Early maturing tolera High nutrient of Good eating a Early maturing tolera High nutrient of Good eating a Early maturing tolera High nutrient of Good eating a Early maturing tolera High nutrient of Good eating a High Nutrient of High Nutrient	Variety 1 Bilinyang 3 4 7 7 8 1 8 1 8 1 1 8 1 1 1 1 1 1 1 1 1 1	sesso3 6 6 3 7 7 7 2 2 1 1 1 Variety 2 6 6 4 1 5 5 Variety 2 0 Variety 2 0 Variety 2 0	Variety 3 0 Variety 3 0 Variety 3	Variety 4 0 Variety 4 0 Variety 4	Variety 5 0 Variety 5 0 Variety 5					

Serial Number	1	2										
State	Jonglei State											
Payam	Kolyang											
	Kolyarig											
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	Good eating qua	lity High nutrient contents	Early	High market	Drought	Flood	Suitable to					
preferred crops (select the most important 7 criteria for 10 crops max)?	Good eating qua	inty High nutrient contents	maturing	demand	tolerant	tolerant	local soil					
criteria ioi 10 crops maxy:	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	Sorghum	Groundnut	Maize	Sesame	Pearl	Cowpea	Onion	Okra	Jute	Sukuma		
select the 10 crops for preference analysis?	Sorgham	Groundriat	Watze	(sim sim)	millet	Cowpea	Official	OKIA	mallow	wiki		
	Preferred train	ts V Crop 1	Crop 2	Crop 3	Crop 4	Crop 5	Crop 6	Crop 7	Crop 8	Crop 9	Crop 10	
		Sorghum	Groundnut	Maize	ame (sim s	Pearl millet	Cowpea	Onion	Okra	ute mallo	ukumawi	Total
	Trait 1 Good eating quality	1	2	1	2	3	3	2	4	5	3	rotai
Q3: Make A Matrix Crop to Traits and give		· ·	_		_	_		-				1
Ranks. 1 = very important, 7= least	Trait 2 High nutrient content	nts 2	1	2	3	1	1	4	3	4	2	
important. Do this for each crop. Remember that the crop name and the trait will be	Trait 3 Early maturing	4	5	4	5	4	2	5	1	1	1	4
autofilled from the questions 1 and 2	Trait 4 High market deman Trait 5 Drought tolerant	7 6	7	7	6	5 6	6	6	2 5	7	5 6	
	Trait 6 Flood tolerant	5	6	6	7	7	7	7	7	6	7	
	Trait 7 Suitable to local soi		4	5	4	2	5	3	6	3	4	:
	Total →	28	28	28	28	28	28	28	28	28	28	
	Sel Crop 1	Sel Crop 2	Sel Crop 3	Sel Crop 4	Sel Crop 5	1						
Q4: Select the 5 most preferred crops form above table. (select from drop down)			-			1						
,	Sorghum	Groundnut	Maize	Cowpea	Sesame (sim	sim)						
					I	I		Ī				
		Variety 1	Variety 2	Variety 3	Variety 4	Variety 5						
	Sorghum	Challa	Akurachot	Beer	Lith	Agany						
Q5. What are the common varieties grown for each above 5 crops? Select	Groundnut Maize	Matelek Kech	Aroi Wunga	Komlany								
max 5 varieties per crop and Type (the	Cowpea	Adangdang	Ajo	Ameer	Banadaro							
crops will be autofilled in the red cells) →	Sesame (sim sin	n) Nyuomchol	Nyoumher									
				1			<u> </u>	l				
								_				
		Traits Ψ	Variety 1 Challa	Variety 2 Akurachot	Variety 3 Beer	Variety 4 Lith	Variety 5 Agany		T			
Q6A: Make A Matrix Variety to Traits and		Good eating quality High nutrient contents	1 2	3	1 4	1 5	1 2		-			
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember	Sorghum	Early maturing High market demand	5	1 5	2	2	3		1			
that the Variety name and the trait will be autofilled from the questions 5 and 1		Drought tolerant Flood tolerant	7	7	6	6	6		1			
		Suitable to local soil	4	2	5	4	5		1			
			Maniatu d	I Vaniata o	Variety 3	Vi-44	Variety 5	I	1			
		Traits ♥	Variety 1 Matelek	Variety 2 Aroi	0	0	0		1			
Q6B: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least		Good eating quality High nutrient contents	2	2 3					‡			
important. Do this for each crop. Remember that the Variety name and the trait will be	Groundnut	High market demand	3	4					1			
autofilled from the questions 5 and 1		Drought tolerant Flood tolerant	7	7					1			
		Suitable to local soil	5	5					ł			
			Variety 1	Variety 2	Variety 3	Variety 4	Variety 5		-			
		Traits ♥ Good eating quality	Kech	Wunga	Komlany	0	0		1			
Q6C: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least		High nutrient contents Early maturing	2	3	2				1			
important. Do this for each crop. Remember that the Variety name and the trait will be	Maize	High market demand	4	4	4				1			
autofilled from the questions 5 and 1		Drought tolerant Flood tolerant	7	6	7				‡			
		Suitable to local soil	5	5	5				1			
			Variety 1	Variety 2	Variety 3	Variety 4	Variety 5		7			
O6D: Maka A Matrix Variation Table		Traits ♥ Good eating quality	Adangdang 2	Ajo 1	Ameer 1	Banadaro 1	0		1			
Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7= least		High nutrient contents Early maturing	1	2	2	2			+			
important. Do this for each crop. Remember that the Variety name and the trait will be	Cowpea	High market demand Drought tolerant	5	4	4	5			1			
autofilled from the questions 5 and 1		Flood tolerant Suitable to local soil	7	6	6	6			1			
		Culture to local soll	-			-			1			
		Tthth			Variety 3	Variety 4	Variety 5		7			
		Traits ♥	Nyuomchol	Nyoumher	0	0	0		t			
Q6D: Make A Matrix Variety to Traits and		Good eating quality										
Q6D: Make A Matrix Variety to Traits and give Ranks. 1 = very important, 7 = least	Secama (sim	High nutrient contents Early maturing	2	4 5					1			
give Ranks. 1 = very important, 7 = least important. Do this for each crop. Remember that the Variety name and the trait will be	Sesame (sim s	High nutrient contents Early maturing High market demand Drought tolerant		5 6								
give Ranks. 1 = very important, 7= least important. Do this for each crop. Remember	Sesame (sim :	High nutrient contents Early maturing High market demand		5 6 7								