

Annex 3 - Questionnaires



THE REPUBLIC **OF THE GAMBIA**

Agricultural Statistics and Resources Economics Unit (ASRE)

Planning Services Unit (PSU)

Ministry of Agriculture (MOA)

Banjul, The Gambia

Agricultural Census 2011

FORM 1 – Enumeration Area Listing Booklet

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L.G.A. Name: _____

L.G.A. Code: _____

District Name: _____

District Code: _____

EA (Enumeration Area) Number: _____

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Total Number of Households: _____

Name of Enumerator: _____

Signature of Enumerator: _____

Date Enumeration Completed: _____

Name of Enumerator: _____

Signature of Enumerator: _____

Date Enumeration Completed: _____

Listing of Heads of Households (HH) in Enumeration Areas

Compound Number (1)	Building Number (2)	Household Number (3)	Name of Head of Household (HH) (4)	(5) Sex 1 = M 2 = F	Does any member of this household operate or manage any agricultural operation such as growing of crops, rearing of livestock, etc? If yes, state the type of crop(s) grown and/or livestock reared, operated, etc.			Holder No. (10)	Selected Holder No. (11)
					1 = Yes 2 = No (7)	Name of crops grown, managed or operated (8)	Number and Type of Livestock reared, managed or operated (9)		

THE REPUBLIC OF THE GAMBIA
Agricultural Statistics and Resources Economics Unit (ASRE)
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Agricultural Census 2011

FORM 2 – Holding Questionnaire

This inquiry is authorized by the Statistics Act. It required that the questions are answered accurately and completely, and guarantees that the information provided would be treated as confidential

SECTION I – HOLDING IDENTIFICATION

1. EA No. _____ 2. Holder Number: _____
3. Street Name: _____ 4. Household Number: _____ 5. Building Number: _____

6. SECTION I - LIST OF PERSONS IN THE HOUSEHOLD AND THEIR OCCUPATIONS. (List all members of the Holder's household beginning with the holder, his/her spouse(s) and children followed by relatives, tenants, labourers and visitors. Also list the occupation of persons 10 years of age and above)

No.	List names of all household members in the following order: Household Head Spouse(s) with children Other relatives, servants, labourers, etc (b)	Relation- ship of each person to Head of Household (c)	(d) Sex (M/F) M = 1, F = 2	(e) Education	(f) Age	Occupation (g)	
						Primary	Secondary
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

<p style="text-align: center;">(c)</p> <p>Codes for Relationship in HH</p> <p>1 = Head 2 = Spouse 3 = Son 4 = Daughter 5 = Grandson 6 = Grand daughter 7 = Brother/Sister</p>	<p style="text-align: center;">(e)</p> <p>Codes for Education</p> <p>0 = None 1 = Primary School 2 = Junior Secondary School (Grade 7 to 9) 3 = Senior Secondary School (Grade 10 – 12) 4 = University 5 = Agricultural Vocational Training 6 = Other Vocation Training</p>	<p style="text-align: center;">(g)</p> <p>Codes for Occupation</p> <p>1 = Farmer(crop) 2= Farmer (Livestock) 3 = Fishing 4 = Agro-processing 5 = Trade 6 = Artisan 7 = Civil/Public Servant</p>
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8 = Labourer 9 = Other	7 = Non-Formal Education (Adult Literacy, etc) 8 = Arabic (Madrassa)	8 = Unskilled Labour 9 = Other
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SECTION II – FIELD INVENTORY

7. How many fields are farmed by members of this holding? Give the sex and age of the Field Manager, main crops grown this year and last years.

Field Order (a)	Name of Field Manager (b)	Age	Sex 1 = M 2 = F (c)	Distance from compound in minutes walking 1 = 0 – 30 minutes 2 = 31 – 60 minutes 3 = >60 minutes (d)	Main Crop (c)	Second Crop in Inter-cropping (f)	Last year's main crop (g)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

CROP CODES: 1. = MAIZE 2. = E/MILLET 3. = L/MILLET 4. = SORGHUM
5. = U/RICE 6. = S/RICE 7. = G/NUTS(old) 8. = G/NUT(new)
9. = SESAME 10 = FINDO

SECTION II – MARKETING AND DISTRIBUTION INFORMATION

8. List the following information in the holding (including the holder)

Household member's number as listed in question 5 (a)	Sales of produce (part of) Produce 1 = All 2 = Part 3 = None (b)	Type of Transportation 1 = Horse/Donkey Cart 2 = Foot (Head load) 3 = Bicycle/motorcycle 4 = Other motorized vehicle 5 = Boat or Canoe 6 = Other Specify____ (c)	Distance from holding 1 = 0 – 1.9km 2 = 2 – 4.9km 3 = 5km+ (d)	Type of Market 1 = Daily 2 = Weekly 3 = Private dealer 4 = Other Specify____ (e)

SECTION III – PARTICIPATION IN COOPERATIVE OR ANY OTHER SIMILAR MARKETING SOCIETY, BANKING INSTITUTION (E.G. VISACAS, GAWFA AND NACCUG & THE LIKE)

9. List the following information in the holding (including the holder)

Household member's number as listed in question 5 (a)	Member of Farmers Organisation/Cooperatives 1 = Yes 2 = No (b)	Type of Farmers Organisation	Type of Assistance received	Type of Services Accessed
		1 = VISACAS 2 = GAWFA 3 = NACCUG/Credit Union 4 = NAWFA 5 = Farmers platform 6 = Government Assistance (project) 7 = Other NGO 8 = Banks 9 = Other (Specify _____) (c)	1 = Loan scheme 2 = Agric inputs(Seeds) 3 = Agric Inputs(Fertilizer) 4 = Agric tools 5 = Sale of produce 6 = Training 7 = Multiple 8 = Other (Specify _____) (d)	1 = Market Info. 2 = Credit 3 = Extension (e)

SECTION IV – REVENUES FROM NON-FARM EMPLOYMENT AND REMITTANCES

10. Does the holding receive income from non-agriculture based activities/jobs and remittances?

Type of non-farm employment	Code	No. of holding members	
		Male	Female
Trading	1		
Artisan	2		
Civil/Public Servant	3		
Remittances	4		
Other (Specify)	5		

11. Is this holding managed entirely by the holder, a representative or by a hired manager?
Enter the correct code and/or explain the type of arrangement _____

(1 = Holder; 2 = Representative; 3 = Hired Manager and 4 = Other)

In the case of (4) Other (to include a combination of the above, or any other partnership arrangements, co-operative, communal, etc), Please explain: _____

SECTION V - HORTICULTURE CROPS GROWN

12. Indicate the horticulture (fruits, vegetables, flowers) already grown or will be grown this year by entering the correct code/or codes.

Tree Crops				Horticulture/Vegetables					
Crop	Code	Crop	Code	Crop	Code	Crop	Code	Crop	Code
Avocado	101	Grape Fruit	109	Cabbage	201	Bitter Tomatoes	209	Pumpkin	217
Paw-paw	102	Sour Sop (Sunkung)	110	Tomato	202	Local Onions	210	Watermelon	218
Oranges	103	Lime	111	Onions	203	Sorrel	211	Moringa (never die)	219
Mangoes	104	Shea-nut	112	Garden Eggs	204	Carrots	212	Amarantus (Green)	220
Banana	105		113	Lettuce	205	Cucumber	213	Ornamental Plants	221
Cashew	106		114	Okra	206	Cassava	214		
Coconut	107			Pepper (Sweet)	207	Sweet Potato	215		
Guava	108			Pepper (Hot)	208	Irish Potato	216	Others (Specify	800

SECTION VI: LIVESTOCK AND POULTRY OWNED

13. Enter, in the table below, the number of livestock and/or poultry that the holder has on this day of filing the questionnaire.

A.

Cattle and Calves (a)	Number of Cattle Ndama			Number of Cattle (Non Ndama)			Number owned by women
	Males (b)	Females (c)	Total	Males (b)	Females (c)	Total	
Total number of cattle of all ages (If "None" enter 0)							
Total number under 1 year							
Total number 1 - 4 years							
Total Number over 4 years							

B.

Goats and Kids (a)	Number of Goats (West African Dwarf)			Number of Goats (Non West African Dwarf)			Number owned by women
	Males (b)	Females (c)	Total	Males (b)	Females (c)	Total	
Total number of Goats of all ages (If "None" enter 0)							
Total number under 1 year							

Total number 1 - 2 years							
Total Number over 2 years							

C.

Sheep and Lambs (a)	Number of Sheep (Djalonke)			Number of Sheep (Non Djalonke)			Number owned by women
	Males (b)	Females (c)	Total	Males (b)	Females (c)	Total	
Total number of Sheep of all ages (If "None" enter 0)							
Total number under 1 year							
Total number 1 - 2 years							
Total Number over 2 years							

D.

Donkeys and Horses (a)	Number of Donkeys			Number Horses			Number owned by women
	Males (b)	Females (c)	Total	Males (b)	Females (c)	Total	
Total number of Donkeys and Horses of all ages (If "None" enter 0)							
Total number under 2 years of age							
Total number 2 years of age and over							

E.

Pigs (a)	Number of Pigs (Local)			Number of Pigs (Exotic)			Number owned by women
	Males (b)	Females (c)	Total	Males (b)	Females (c)	Total	
Total number of Donkeys and Horses of all ages (If "None" enter 0)							
Total number under 2 years of age							
Total number 2 years of age and over							

F. Poultry, Rabbits and Others

	Hens, Cocks Pullets and Chicks (a)	Ducks and Ducklings (b)	Other Poultry such as Turkeys, Guinea-Fowls, etc. (Specify) (c)	Other Farm Animals such as Beehives, etc. (Specify) (d)	Rabbits (e)
Total Number					
Total under 6 months		XXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXX
6 months and over		XXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXX

14. What livestock products/by-product do you usual produce for sale?

Livestock Products/By-products	Code
Live animals and birds for sale	1
Meat (slaughtered animals and birds)	2
Hides and skins	3
Milk and milk products	4
Eggs	5
Manure	6
Others (Specify _____)	7

SECTION VII: REMARKS AND CERTIFICATION

 Name and Signature of Enumerator: _____ Date: _____

 Name and Signature of Supervisor: _____ Date: _____

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THE REPUBLIC OF THE GAMBIA
Agricultural Statistics and Resources Economics Unit (ASRE)
Planning Services Unit (PSU)
Ministry of Agriculture (MOA)
Banjul, The Gambia

Agricultural Census 2011
FORM 3 –Field Questionnaire

This inquiry is authorized by the Statistics Act. It required that the questions are answered accurately and completely, and guarantees that the information provided would be treated as confidential

SECTION I: IDENTIFICATION

1. EA No. _____ 2. Holding/Holder Number: _____
3. Street Name: _____ 4. Household Number: _____ 5. Building Number: _____

6. Indicate the Plot number, sex and age of the Field Manager, main crops grown this year and last year as indicated in the field inventory.

Field Order	Name of Field Manager	Age	Sex 1 = M 2 = F	Distance from compound in minutes walking 1 = 0 – 30 minutes 2 = 31 – 60 minutes 3 = >60 minutes	Main Crop	Second Crop in Inter-cropping (f)	Last year's main crop (g)
(a)	(b)		(c)	(d)	(c)		(g)

CROP CODES: 1. = MAIZE 2. = E/MILLET 3. = L/MILLET 4. = SORGHUM
5. = U/RICE 6. = S/RICE 7. = G/NUTS(old) 8. = G/NUT(new)
9. = SESAME 10 = FINDO 11= PHILLIPINE PINK
12 = NERICA 13. = ATM OTHER UPLAND VARIETY

SECTION III – FIELD PRACTICES

7. State the month and week the crop was planted (Circle the correct code or codes in the table below)

Month Planted	Code	Week Planted					Month Planted	Code	Week Planted				
		1	2	3	4	5			1	2	3	4	5
January	01	1	2	3	4	5	July	07	1	2	3	4	5
February	02	1	2	3	4	5	August	08	1	2	3	4	5
March	03	1	2	3	4	5	September	09	1	2	3	4	5
April	04	1	2	3	4	5	October	10	1	2	3	4	5
May	05	1	2	3	4	5	November	11	1	2	3	4	5
June	06	1	2	3	4	5	December	12	1	2	3	4	5

8 State the quantity (in Kilograms) of seed used for the crop planted_____???

9 State the source and quantity of seed used for this plot. (Circle the correct code or codes)???

Source of seed obtained	Code	Quantity
Own produced	1	
Other farmers	2	
NGO	3	
Cooperative Society	4	
Government Assistance	5	
Other (Specify_____)	6	

10 Was seed dressing used for the seeds? = Yes 2 =No

SECTION IV^A – FIELD MEASUREMENTS

11. Length and bearing of field boundary – fill in the table below for each field using a compass, pole (for sight and alignment) and a measuring tape. Always measure in a clockwise direction. Compass reading will be taken from both stations at each change of direction of the field boundary.

Row (a)	Station		Compass Bearings	Length of Side (e)	Cumulative Length (f)
	From (b)	To (c)	Forward (d)		

12. State the hectarage of the above field: From Calculator _____Ha Closing Error _____%

DRAFT

SECTION IV^B: SKETCH MAP OF THE FIELD

13. Give rough sketch of the field planted.

SECTION V: EMPLOYMENT IN AGRICULTURE

14. Did you employ any labourers that are part of your household to work on your field?

1 = Yes 2 = No

If yes complete the table below

Kind of work done (a)	Number of labourers employed (b)		Month/ months of employment (c)	Length of employment (Number of days worked) (d)	State the payment, if any					In kind (state and indicate number and/or units) (f)
	M	F			Cash paid per day (e)					
					Up to D40	D41 to D60	D61 to D80	D81 to D100	Over D100	
Clearing of Bush										
Burning of Bush										

Sowing/Planting										
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15. Did you employ any labourers that are not part of your household (temporary workers) to work on your field?
 1 = Yes 2 = No

If yes complete the table below

Kind of work done (a)	Number of labourers employed (b)		Month/months of employment (c)	Length of employment (Number of days worked) (d)	State the payment, if any					In kind (state and indicate number and/or units) (f)
	M	F			Cash paid per day (e)					
					Up to D40	D41 to D60	D61 to D80	D81 to D100	Over D100	
Clearing of Bush										
Burning of Bush										
Sowing/Planting										

16. Did you employ any kafos to work on your field?

1 = Yes 2 = No

If yes complete the table below

Kind of work done (a)	Number of labourers employed (b)		Month/months of employment (c)	Length of employment (Number of days worked) (d)	State the payment, if any					In kind (state and indicate number and/or units) (f)
	M	F			Cash paid per day (e)					
					Up to D40	D41 to D60	D61 to D80	D81 to D100	Over D100	
Clearing of Bush										
Burning of Bush										
Sowing/Planting										

SECTION VI – LAND TENURE AND LAND PRACTICES

17. Under what arrangement are you entitled to use this field?

Land Tenure	Code	Since when used by you in years???	When 4-9, for how long in years???	Use the following for the improvements of the field 1 = Manure 2 = Fertiliser 3 = Crop Rotation 4 = Drainage 5 = Irrigation 6 – Other (Specify)
Community owned/Alkalo	1		XXXXXXXXXXXX	
Family owned/Kabilo	2		XXXXXXXXXXXX	
Individual owned (purchased/ inherited)	3		XXXXXXXXXXXX	
Leased	4		XXXXXXXXXXXX	
Rented	5			
Borrowed	6			
Squatter (strange farmer)	7			
Special Permission	8			
Other (Specify)	9			

18. Did you pay a fee for this field this year?

1 = Yes 2 = No

If yes, specify:

Type	Unit	Quantity
Money		
Labour		
Kind		

SECTION VII – AGRICULTURAL POWER / MACHINERY

19. What tools and implements did you use to cultivate this farm?

(Circle the correct code or codes in the table below)

Tool/Implement	Code	Tool/Implement	Code
Hoe	1	Machete/Knives	7
Cutlass	2	Rake	8
Felling Axe	3	Seeder	9
Pickaxe	4	Weeder	10
Plough	5	Lifter	11
Harrow	6	Other (Specify)	12

20. Was any agricultural work on this farm done with or by Animal Power? 1 Yes 2 = No

If "Yes", state the code for the type of animal used and the ownership

TYPE OF ANIMAL USED (a)	Type of Ownership			
	Owned (b)	Borrowed (c)	Hired (d)	Other (Specify) (e)
1. Cattle (Oxen/Female Cattle)	1	2	3	4
2. Donkeys	1	2	3	4
3. Horses	1	2	3	4
5. Other (Specify_____)	1	2	3	4

21. Was any agricultural work on this farm done with or by any kind of machine? 1 Yes 2 = No

If "Yes", circle the correct code or codes in the table below.

Type of Mechanical Power (a)	Type of Ownership				
	Owned by the holder (b)	Hired from others (c)	Joint Ownership (d)	Provided by Co-operative Association (e)	Provided by Government (d)
1. Tractors (any type)	1	2	3	4	5
2. Electric Motors	1	2	3	4	5
3. Power Tillers	1	2	3	4	5
4. Threshing Equipment	1	2	3	4	5
5. Other (Specify_____)	1	2	3	4	5

SECTION VIII – REMARKS AND CERTIFICATION

Name and Signature of Enumerator: _____ Date: _____

Name and Signature of Supervisor: _____ Date: _____

THE REPUBLIC OF THE GAMBIA

Agricultural Statistics and Resources Economics Unit (ASRE)
 Planning Services Unit (PSU)
 Ministry of Agriculture (MOA)
 Banjul, The Gambia

Agricultural Census 2011 FORM 4 –YIELD PLOT QUESTIONNAIRE

This inquiry is authorized by the Statistics Act. It required that the questions are answered accurately and completely, and guarantees that the information provided would be treated as confidential

SECTION I: IDENTIFICATION

1. EA No. _____
2. Holding/Holder Number: _____
3. Name of Holder: _____ 4. Field Number: _____
5. Selected Random Numbers used to lay out yield plot: First Random Number _____ Second Random Number _____

SECTION II – YIELD DATA

6. For all crops grown and/or growing in the **plot** this agricultural season, provide the following information:

Name of Crops found in plot (a)	Code of Crops found in plot (b)	Number of stands or stools of the crop found in the plot (c)	On the day of harvest (i.e. before drying), state the Weight of the crop harvested in the plot (d)	After drying 5 kilograms of produced saved, state the final weight (e)
FOR ANY ECONOMIC (FRUIT?) TREES FOUND IN THE PLOT				
State the Name (a)	Code (b)	State the number of such trees (c)		

SECTION III – YIELD SUPPORT DATA

7. On what date did you start to complete this questionnaire? _____
8. What is the suggested date for coming back to complete the harvesting information? _____
9. For all crops grown and/or growing in the **field** this agricultural season, provide the following information:

Name of Crops in field (a)	Code of crops in field (b)	Farmer's estimate of production for each crop (c)	Field Officer's or Supervisor's Estimate of Production for each crop (d)	Enumerator's estimate of production for each crop (e)

10. For all crops grown and/or growing in the **field** this agricultural season, provide the following information:

Name of Crops in field (a)	Code of crops in field (b)	Quantity of seeds of the crop planted (c)	Quantity of this year's crop that is						
			Already stored (d)	To be stored (e)	Already consumed (f)	To be consumed (g)	Already sold (h)	To be sold (i)	

SECTION IV – EMPLOYMENT IN AGRICULTURE

11. Did you employ any labourers that are part of your household to work on your field:

1 = Yes 2 = No

If "Yes", complete the table below:

Kind of work done (a)	Number of labourers employed (b)		Month/months of employment (c)	Length of employment (Number of days worked) (d)	State the payment, if any					In kind (state and indicate number and/or units) (f)
	M	F			Cash paid per day (e)					
					Up to D40	D41 to D60	D61 to D80	D81 to D100	Over D100	
Harvesting										
Post Harvesting										

12. Did you employ any labourers that are not part of your household (temporary workers) to work on your field:

1 = Yes 2 = No

If yes complete the table below:

Kind of work done (a)	Number of labourers employed (b)		Month/months of employment (c)	Length of employment (Number of days worked) (d)	State the payment, if any					In kind (state and indicate number and/or units) (f)
	M	F			Cash paid per day (e)					
					Up to D40	D41 to D60	D61 to D80	D81 to D100	Over D100	
Harvesting										
Post Harvesting										

13. Did you employ any Kafos to work on your field?

1 = Yes 2 = No

If yes complete the table below:

Kind of work done (a)	Number of Kafo Members???(b)		Month/months of employment (c)	Length of employment (Number of days worked) (d)	State the payment, if any					In kind (state and indicate number and/or units) (f)
	M	F			Cash paid per day (e)					
					Up to D40	D41 to D60	D61 to D80	D81 to D100	Over D100	
Harvesting										
Post Harvesting										

SECTION V: FIELD PRACTICES AND STORAGE FACILITIES

14. Did you use any type of fertilizer on this field this year? 1 es 2 = No

If "Yes" state the type, source, amount and cost in the table below

Type of Fertilizer	Code	Source	Amount (Kg)	Cost (D)
Compound				
Urea				
Manure???				

Source Codes: 1 = Private Businesses 2= Projects 3= Other

15. Did you apply manure on this field this year? 1 es 2 = No

16. Did you use pesticides on this field this year? 1 es 2 = No

17. Did you use herbicides on this field this year: 1 2 = No

18. Is this field irrigated: 1 = Yes 2 = No

If "Yes" (Circle the correct code or codes in the table below)

Source	Code
River/Stream	1
Well/Tube Well	2
Dam/Pond	3
Other (Specify _____)	4

19 State the type of facilities used to store produce from this firm – whether stored on the farm itself or elsewhere.

(Circle the correct code or codes)

Type of Facilities	Code
Barns (Farm Houses)	1
Cribs (Mats or Baskets)	2
Pots	3
Wooded Bins	4
Stores	5
Others (Specify _____)	6

SECTION V – REMARKS AND CERTIFICATION

Signature of Enumerator: _____ Date: _____ Name and

Name and Signature of Supervisor: _____ Date: _____