

STRICTLY CONFIDENTIAL



# Uganda Bureau of Statistics



## THE UGANDA NATIONAL PANEL SURVEY 2011/12 AGRICULTURE QUESTIONNAIRE

*[TO BE ANSWERED BY HEAD OF HOUSEHOLD AND IN HIS/HER ABSENCE,  
BY AN ADULT MEMBER OF THE HOUSEHOLD]*

SECTION 1A: HOUSEHOLD IDENTIFICATION PARTICULARS														
1. District Name and Code														
2. County/Municipality														
3. Sub-County/Division/Town Council														
4. Parish/Ward														
5. EA														
6. LC Name														
7. Rural/Urban ( <i>Urban =1; Other Urban =2; Rural =3</i> )														
8. Household Sample Number														
9. Name of Household Head														
10. Contact 1 (H/H Head)														
11. Immediate Contact 2														
12. Immediate Contact 3														
13. Household Code														
14. Weather Condition										1=Clear/Sunny		4=Mostly Cloudy		
										2=Mostly Clear/Mostly Sunny		5=Completely Cloudy		
										3=Partly Cloudy/Partly Sunny		6=Rainy		

THIS SURVEY IS BEING CONDUCTED BY THE UGANDA BUREAU OF STATISTICS  
UNDER THE STATISTICS ACT, 1998.

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**SECTION 1B: STAFF DETAILS AND SURVEY TIME**

<b>CODE(1<sup>ST</sup> visit)</b>	<b>CODE(2<sup>ND</sup> visit)</b>
1. NAME OF INTERVIEWER: <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/>	<input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/>

2. DATE OF INTERVIEW:	
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3. NAME OF SUPERVISOR: <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/>	<input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/>
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4. DATE OF CHECKING:	
<b>D D M M Y Y Y Y</b> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<b>D D M M Y Y Y Y</b> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>

5. STARTING TIME:	
<b>1<sup>ST</sup> VISIT</b> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/>	<b>2<sup>ND</sup> VISIT</b> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/>

6. RESPONSE CODE: 1 <sup>ST</sup> VISIT	<input style="width: 40px; height: 20px;" type="text"/>
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- Response Code (QN 6):**
1. Completed
  2. Partially done
  3. Not done

7. RESPONSE CODE: 2 <sup>ND</sup> VISIT	<input style="width: 40px; height: 20px;" type="text"/>
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- Response Code (QN 7):**
1. Completed
  2. Partially done
  3. Not done

8. IF THE HOUSEHOLD IS NOT ABLE TO PARTICIPATE IN THE SURVEY, GIVE REASONS			
Refused	1	Moved to another village/town/district	7
No competent respondent at time of visit	2	Moved to a neighboring country	8
H/H not known/not found	3	Shifted to unknown location	9
HH/Disintegrated	4	Transferred due to work/ education	10
Not at home for extended period	5	Resettled home from the camp	11
Dwelling destroyed	6	Moved to another camp	12

9. GPS COORDINATES:	
LAT	N=1 <input style="width: 40px; height: 20px;" type="text"/> S=2 <input style="width: 40px; height: 20px;" type="text"/>
	<b>D</b> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <b>M</b> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/>
LONG	<input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/>

10. REMARKS:
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## SECTION 2A: CURRENT LAND HOLDINGS- FIRST/SECOND VISIT

We would like to ask some questions about all the land for which the household has ownership including grazing and fallow land during the first 2011 season (1<sup>st</sup> season): Jan – June 2011) and the second cropping season (2<sup>nd</sup> Season): July. – Dec. 2011). Please include land belonging to this household that was rented or lent out to another household.

During the first completed cropping season (1<sup>st</sup> Season of 2011: **Jan – June. 2011**) and the second cropping season (2<sup>nd</sup> Season of 2011: **July – Dec 2011**), has any member of your household **owned** any agricultural land including woodlots, forest land and land rented or lent out to others?

**1 = YES**  
**2 = NO (>> PART B)**

P A R C E L  I D	Parcel Name	LOCATION						OWNERSHIP STATUS				USAGE				
		Size of this parcel in acres?  GPS with two decimal digits	Farmer estimation with two decimal digits	Record respondent ID for each parcel	Was GPS captured?  1=Yes 2=No (Give reason why)	5.2_1: <b>REASON</b> 1=Outside of LC1 2=Inside LC1 but owner refused 3=Inside LC1 but not accessible 6=Other specify	Location: How long does it take to travel from the homestead to this parcel?  1= Less than 15mn 2= 15mn - 30mn 3= 30mn - 60mn 4=1hour - 2hours 6=Over 2 hours	Tenure system  1= Freehold 2= Leasehold 3= Mailo 4= Customary 6= Other (specify)	How did you acquire this parcel?  1= Purchased 2= Inherited or Received as gift 3= Leased-in 4= Just walked in (cleared) 5= Do not know 6= Other (specify)	In which year did you first acquire this parcel?	Do you currently have <b>access</b> to the parcel?  "Access" refers to ownership rights to the parcel.  1=Yes 2=No	What was or is the primary use of the parcel during the two cropping seasons?  1= Own Cultivated (annual crops) 2= Own Cultivated (perennial crops) 3= Rented-out>>14 4=Cultivated by mailo tenant>>14 5=Fallow 6=Pasture 7=Woodlot/Forest 96=Other (specify)	1 <sup>st</sup> cropping season 2011	2 <sup>nd</sup> cropping season 2011	What was the most recent year/ agricultural season in which the parcel was left fallow?  Record Year [yyyy]  IF NEVER LEFT FALLOW, RECORD 9999 AND SKIP TO COL. 15	How many consecutive years was the parcel left fallow this last time and what type of fallow was used?  IF LESS THAN 1 YEAR WRITE '00
2	3	4	5	5.1	5.2	5.2_1	6	7	8	9	10	11a	11b	12	13a	13b
01		_ _ _ . _ _	_ _ _ . _ _													
02		_ _ _ . _ _	_ _ _ . _ _													
03		_ _ _ . _ _	_ _ _ . _ _													
04		_ _ _ . _ _	_ _ _ . _ _													
05		_ _ _ . _ _	_ _ _ . _ _													
06		_ _ _ . _ _	_ _ _ . _ _													
07		_ _ _ . _ _	_ _ _ . _ _													
08		_ _ _ . _ _	_ _ _ . _ _													
09		_ _ _ . _ _	_ _ _ . _ _													
10		_ _ _ . _ _	_ _ _ . _ _													

Q5.3: Have you listed all parcels that the household owns?  
  
1=Yes  
2=No

**GPS Coordinates**

N=1 S=2      **D**      **M**      N=1 S=2      **D**      **M**      N=1 S=2      **D**      **M**

LAT                                  

LONG                         

**CODES FOR 13b:**

1=Fallow with cover crop  
 2=Fallow with residue Incorporation  
 3=Bare fallow

**SECTION 2A CONT'D: CURRENT LAND HOLDINGS- FIRST/SECOND VISIT**

P A R C E L  I D	Parcel Name	USAGE			SOIL AND WATER								RIGHTS			
		If 11= 3 or 11=4 How much rent did you or will you receive (if share-cropped –out give the estimated cash value) during the two seasons?  UShs	If 11= 1 or 11=2 What proportion of the parcel did you cultivate/plant?  <b>RECORD PERCENTAGE</b>	What soil type is in this parcel?  1= Sand loam 2= Sandy clay loam 3= Black clay 6= Other (Specify)	What soil/land quality is this parcel?  1= Good 2= Fair 3= Poor	What is the main water source to this parcel?  1= Irrigated 2= Rain-fed 3= Swamp/wetland	In general, what is the topography of this parcel?  1 = Hilly 2 = Flat 3 = Gentle slope 4 = Steep slope 5 = Valley 6 = Other (specify)	During the last complete season, were there any problems with erosion in this parcel?  1=Yes 2=No(>> 23)	If Yes in q20, what was the cause of these erosion problems?  1= Terrain 2= Flooding 3= Wind 4= Animals 5= Cultivation 6= Other (specify)	Is there any erosion control/water harvesting facility on this parcel? <b>List two main</b>  A = Terraces C = Gabions/sandbags D = Vetiver grass E = Tree belts F = Water harvest bunds G = Drainage ditches H = Dam I = None J=Stone bunds K=Earth bunds	Does this parcel have a formal certificate of title or customary ownership or certificate of occupancy issued by and registered with government authorities?  1=Certificate of title 2= Certificate of customary ownership 3=Certificate of occupancy 4=No document	Who has the Ownership rights to this parcel?  <b>Record IDs of up to 2 persons</b>	Have you ever been concerned that somebody might dispute your ownership/ use rights on this parcel?  1=Yes 2=No			
2	3	14	15a	15b	16	17	18	19	20	21	22a	22b	23	24a	24b	25
01																
02																
03																
04																
05																
06																
07																
08																
09																
10																



**SECTION 2 Part B CONT'D: LAND THAT THE HOUSEHOLD HAS ACCESS THROUGH USE RIGHTS**

		USAGE				SOIL AND WATER				RIGHTS			
P A R C E L  I D	Parcel Name	If 12=3, how much rent did you or will you receive (if share-cropped –out give the estimated cash value) during the two cropping seasons?  <b>UShs</b>	What soil type is in this parcel?  1= Sand loam 2= Sandy clay loam 3= Black clay 6= Other (Specify)	What soil /land quality is this parcel?  1= Good 2= Fair 3= Poor	What is the main water source to this parcel?  1= Irrigated 2= Rain-fed 3= Swamp/ wetland	In general, what is the topography of this parcel?  1 = Hilly 2 = Flat 3 = Gentle slope 4 = Steep slope 5 = Valley 6 = Other (specify)	During the last completed season, were there any problems with erosion in this parcel?  1=Yes 2=No (>>20)	If Yes, what was the cause of these erosion problems?  1= Terrain 2= Flooding 3= Wind 4= Animals 5= Cultivation 6= Other (specify)	Is there any erosion control/water harvesting facility on this parcel?  <b>List two main</b>  A = Terraces C = Gabions/ sandbags D = Vetiver grass E = Tree belts F = Water harvest bunds G = Drainage ditches H = Dam I = None J = Stone bunds K = Earth bunds	Who has the use rights to this parcel?  <b>Record IDs of up to 2 persons</b>			
	2	3	13	14	15	16	17	18	19	20a	20b	21a	21b
	21												
	22												
	23												
	24												
	25												
	26												
	27												
	28												

**SECTION 3A: AGRICULTURAL AND LABOR INPUTS - FIRST VISIT**

Ask some questions about the quantity and value of inputs **used** (both labor and non-labor) on the **plots cultivated** during the first cropping season of 2011.

		PLOT MANAGEMENT					
P A R C E L  I D	Parcel Name	P L O T  I D	Record respondent for each plot	Were the decisions concerning the timing of cropping activities, crop choice and input use on the [PLOT] made by a single household member or made jointly by multiple household members during the 1 <sup>st</sup> cropping season of 2011?  1=Single 2=Multiple >> 3.4	Who was the primary decision maker on the plot during the 1 <sup>st</sup> cropping season of 2011?  >> 3A	Who were the decision makers on the plot during the 1 <sup>st</sup> cropping season of 2011?  (RECORD UP TO TWO PERSONS)	
						3.1	3.2
1	2	3	3.1	3.2	3.3	3.4a	3.4b

### SECTION 3A CONT'D: AGRICULTURAL AND LABOR INPUTS - FIRST VISIT

Ask some questions about the quantity and value of inputs **used** (both labor and non-labor) on the **plots cultivated** during the first cropping season of 2011.

P A R C E L  I D	Parcel Name	P L O T  I D	Was the plot burned in preparation for planting?  1=Yes 2=No	ORGANIC FERTILIZERS						INORGANIC/CHEMICAL FERTILIZERS				
				Did you use any <b>organic fertilizer</b> on the parcel/plot?  1=Yes 2=No (>>13)	What was the quantity used?  <b>KGS</b>	Was any of this purchased?  1=Yes 2=No (>> 12)	How much was purchased?  <b>KGS</b>	What was the value of the purchase?  <b>UShs</b>	Where did you buy most of it?  1= Government/ LC 2= Private trader in local market /village 3= Private trader in district market 4= Fellow farmer 5= Neighbor/ Relative 6= Other (specify)	What was the main source of organic fertilizer used on the parcel/plot?  1=Own livestock 2=Own crop residues 3=Other (Specify)  <b>For response 2 in q6</b>	Did you use any <b>inorganic/chemical fertilizer</b> on the parcel/plot?  1=Yes 2=No (>> 22)	What type was used?  1= Nitrate 2= Phosphate 3= Potash 4= Mixed	What was the quantity used?  <b>KGS</b>	Was any of this purchased?  1=Yes 2=No (>> 22)
1	2	3	3a	4	5	6	7	8	9	12	13	14	15	16



**SECTION 3A CONT'D: INPUTS - FIRST VISIT**

Ask some questions about the quantity and value of inputs used (both labor and non-labor) on the plots cultivated during the first cropping season of 2011.

P A R C E L  I D	Parcel Name	P L O T  I D	INORGANIC/CHEMICAL FERTILIZERS				PESTICIDES						
			How much was purchased?	What was the value of the purchase?	Where did you buy most of it?	Did you use any pesticides on the parcel/plot?	What was the main type used?	What was the quantity used?		Was any of this purchased?	What quantity was purchased?	What was the value of the purchase?	
			<b>KGS</b>	<b>UShs</b>	1= Government/ LC 2= Private trader in local market/village 3= Private trader in district market 4= Fellow farmer 5= Neighbor/ Relative 6= Other (specify)	1=Yes 2=No >> 31	1=Insecticides 2=Miticides/Acaricides 3= Fungicides 4= Growth regulators and harvest aids 5= Rodenticides 6=Nematicides/Molluscicides 96=Other (Specify)	Unit of qty 1=Kg 2=Lts	Qty	1=Yes 2=No >>31	<b>(Use unit of qty from 24a. Should relate to qty reported in 24b)</b>	<b>UShs</b>	
1	2	3	17	18	19	22	23	24a	24b	25	26	27	

**SECTION 3A CONT'D: INPUTS - FIRST VISIT**

Ask some questions about the quantity and value of inputs used (both labor and non-labor) on the plots cultivated during the first cropping season of 2011.

P A R C E L  I D	Parcel Name	P L O T  I D	PESTICIDES/HERBICIDES  Where did you buy most of it?  1= Government/ LC 2= Private trader in local market/village 3= Private trader in district market 4= Fellow farmers 5= Neighbor/Relative 6= Other (specify)	Number of hours in a normal workday (according to the household)?	FAMILY LABOUR			HIRED LABOUR			NON-HIRED LABOUR							
					Number	For this plot how many days did they work?  <b>Person days</b>	Which members of the household worked on this plot?  <b>Record up to 3 ID Nos of those who worked</b>	Did you hire any labour to work on this plot during the first season of 2011?  1=Yes 2=No (>>46)	For this plot how	How much did you pay including the value of in-kind payments for these days of labor?  <b>UShs.</b>	During the first season of 2011 did men, women or children from other households work on this plot free of charge, as exchange laborers, or to assist for nothing in return? 1=Yes 2=No (>>NEXT SECTION )	For this plot how many days did .... from other households work for free/exchange?  <b>Person days</b> M= Men W= Women C= Children						
1	2	3	28	39	31	32	33a	33b	33c	34	35a	35b	35c	36	46	M	W	C

**SECTION 4A: CROPS GROWN AND TYPES OF SEEDS USED- FIRST VISIT**

1. Did you grow any crops in first cropping season of 2011? 1=YES, 2=NO (>>SECTION 3B)  1b. Number of crops grown in first season, according to the farmer:

Ask about all crops, including perennial crops (e.g. fruits) and fallow land for the parcels **which were farmed** by the household during the LAST CROPPING SEASON. Start with a parcel, plot and the main crop in the plot, and then ask for crops intercropped with the main crop. And move on to the next crop. If the plot is intercropped, the total plot area should be entered in column 7 for each crop and then the percentage of the plot area under the component crops in column 7

P A R C E L I D	Parcel Name	P L O T I D	Crop Name	Crop Code  (See Manual)	Record responses for each crop	What was the total area of [PLOT] planted?  ANSWER SHOULD NOT VARY ACROSS CROPS ON THE SAME PLOT. (ACRES)	What type of crop stand was on the [PLOT] ?  1= Pure Stand (>>9.1) 2= Mixed Stand	Approximately what percentage of the [PLOT] area was under this [CROP] ?	When was the crop planted?  INCLUDE CODES FOR MONTH IN APPLICATION		Did you use any seed/seedlings?  1=Yes 2=No>> <b>Next crop</b>	Did you purchase any seed/seedlings for this crop?  1=Yes 2=No	How much seed did you use for this [CROP]?		How much seed would you have used for this [CROP] if you had planted it pure stand on this [PLOT]?	What type of seed/seedlings did you use for this [CROP] ?  1= Traditional (>>15) 2= Improved	What type of improved seed did you use for this [CROP] ?  1= Certified 2= Quality declared 3= Don't Know	IF Q10=1  How much did you pay (cash & in-kind payments) for all purchased seeds/seedlings used for this [CROP]?	
									MM	YYYY			Unit of qty code	Qty					QTY
2	3	4	5	6	6.1	7	8	9	9.1	9.2	16	10	11A	11B	12A	12B	13	14	15

**SECTION 5A: QUANTIFICATION OF PRODUCTION- FIRST VISIT**

I would now like to ask about your harvest from crops that were planted during a previous season. Please provide the following information related to quantity of [CROP] harvested and sold – planted in the first 2011 season (First Crop Season of 2011).

P A R C E L  I D	Parcel Name	P L O T  I D	Crop Name	Crop code  <b>See manual</b>	Record respondents for each crop	Is crop immature?  1= Yes>> <b>Next crop</b>  2= No	How much [...] did you harvest during the first season of 2011 and in what condition/state?				In what month did the harvest begin? In what month did the harvest end?		Were the decisions concerning the use of the crop output made by a single HH member or made jointly by multiple HH members?  1= Single member 2= Jointly >> <b>6a3</b>	Who is the primary decision maker concerning the use of crop output?  <b>Go to 7a</b>	Who are the decision makers concerning the use of crop output?  <b>FOR 6a1=2</b>		
							Unit Code	Qty	Condition /state code	Conversion factor into kg?	Begin	End			Personal ID	Personal ID	Personal ID
											MM	MM					
1	2	3	4	5	5.1	5.2	6b	6a	6c	6d	6e	6f	6a1	6a2	6a3	6a4	

**SECTION 5A CONT'D: QUANTIFICATION OF PRODUCTION- FIRST VISIT**

Copy from previous page					How much of the [...] you harvested during the first season of 2011 was sold and in what condition/state?  <b>IF NONE, WRITE 0 IN QUANTITY AND GO TO 12</b>			What was the value?  <b>UShs</b>	Who bought the largest part?  1= Government/LC 2= Private trader in local market/ village 3= Private trader in district market 4= Consumer at market 5= Neighbor/ Relative 6= Other (specify)	How much was spent on transport?  <b>(If nothing was spent on transport, record 0)</b>  <b>UShs</b>	Were the decisions concerning <b>the use of the earnings</b> from the crop sales made by a single HH member or made jointly by multiple members?  1=singe 2= jointly>> <b>11g</b>	Who was the primary decision maker concerning the use of earnings from the crop sales?  <b>GO TO 12</b>	Who were the decision makers concerning the use of earning from the crops?  Record ID	Who were the decision makers concerning the use of earning from the crops?  ID	Who were the decision makers concerning the use of earning from the crops?  ID	How much of the [...] harvested during the first season of 2011 was given out as gifts or reimbursements for land, labour, oxen etc?  <b>Qty</b>	How much of the [...] harvested during the first season of 2011 has already been consumed by your household?  <b>Qty</b>	How much of the [...] harvested during the first season of 2011 was used to produce processed food products for sale and for animal feed?  <b>Qty</b>	
P A R C E L I D	Parcel Name	P L O T  I D	Crop name	Crop Code  <b>See Manual</b>	Qty	Condition/ State Code	Unit Code	8	9	10	11e	11f	11g	11h	12	13	14a	14b	
																			7a
1	2	3	4	5	7a	7b	7c	8	9	10	11e	11f	11g	11h	12	13	14a	14b	

**SECTION 5A CONT'D: QUANTIFICATION OF PRODUCTION- FIRST VISIT**

Copy from previous page					How much of the <b>SEED</b> from the [...] harvested during the first season of 2011 was saved for seed?  <b>Qty</b>	What percentage of the [...] harvested during the first season of 2011 did you lose or waste after harvest?  <b>(%)</b>  <b>If no loss, skip to Col. 18</b>	What was the <b>main</b> reason for the loss?  1= Insects 2= Rodents 3= Flood 4= Stolen 6=Other (specify)	What is your main method of storage for this crop?  1= Locally made traditional structure 2= Improved locally made structure 3= Modern store 4= Sacks/ open drum 5= Airtight drum 6= Unprotected pile 7= In ceiling of dwelling 96= Other (specify)	Did you do anything to protect the stored crop?  1=Yes 2=No ( >> 21)	What did you do?  1= Spraying 2= Smoking 3= Other (specify)	How much of the [...] harvested during the first season of 2011 is still being stored by your household?  <b>Qty</b>  <b>(If 0, go to 23a)</b>	<b>In case there was no harvest i.e. 0 in Col. 6a,</b> what was the main reason for the pre-harvest loss?  1= Pests 2= Animals 3= Floods 4= Drought 5= Hailstones 6= Other (Specify)	Did you harvest any [CROP] residues? If so, What was the main use?  1=Yes - Harvested 2=No - Residues Left in the field 3=No-No residues>> <b>Next Crop</b>  <b>Codes for Use:</b> 1=Animal feed 2=Fuel 3=Thatching/ Other HH Items (e.g. Mats) 96=Other Specify	
P A R C E L I D	Parcel Name	P L O T  I D	Crop Name	Crop Code  <b>See Manual</b>	15	16	17	18	19	20	21	22	23a	23b
1	2	3	4	5										

**SECTION 3B: INPUTS - SECOND VISIT**

Ask some questions about the quantity and value of inputs used (both labor and non-labor) on the plots cultivated during the second cropping season of 2011

PLOT MANAGEMENT						
P A R C E L  I D	Parcel Name	P L O T  I D	Record respondent for each plot	Were the decisions concerning the timing of cropping activities, crop choice and input use on the [PLOT] made by a single household member or made jointly by multiple household members during the 2 <sup>nd</sup> cropping season of 2011?  1=Single 2=Multiple >>q3.4a	Who was the primary decision maker on the plot during the 2 <sup>nd</sup> cropping season of 2011?  >> 3A	Who were the decision makers on the plot during the 2 <sup>nd</sup> cropping season of 2011?  (RECORD UP TO TWO PERSONS)
1	2	3	3.1	3.2	3.3	3.4a      3.4b

**SECTION 3B CONT'D: INPUTS - SECOND VISIT**

Ask some questions about the quantity and value of inputs used (both labor and non-labor) on the plots cultivated during the second cropping season of 2011.

P A R C E L  I D	Parcel Name	P L O T  I D	Was the parcel/plot burned in preparation for planting?  1=Yes 2=No	ORGANIC FERTILIZERS							INORGANIC/CHEMICAL FERTILIZERS			
				Did you use any <b>organic fertilizer</b> on the parcel/plot?  1=Yes 2=No (>>13)	What was the quantity used?  <b>KGS</b>	Was any of this purchased?  1=Yes 2=No (>> 12)	How much was purchased?  <b>KGS</b>	What was the value of the purchase?  <b>UShs</b>	Where did you buy most of it?  1= Government/ LC 2= Private trader in local market /village 3= Private trader in district market 4= Fellow farmer 5= Neighbor/ Relative 6= Other (specify)	What was the main source of organic fertilizer used on the parcel/plot?  1=Own livestock 2=Own crop residues 3=Other (Specify) <b>For response 2 in q6</b>	Did you use any <b>inorganic/chemical fertilizer</b> on the parcel/plot?  1=Yes 2=No (>> 22)	What type was used?  1= Nitrate 2= Phosphate 3= Potash 4= Mixed	What was the quantity used?  <b>KGS</b>	Was any of this purchased?  1=Yes 2=No (>> 22)
1	2	3	3a	4	5	6	7	8	9	12	13	14	15	16



**SECTION 3B CONT'D: INPUTS - SECOND VISIT**

Ask some questions about the quantity and value of inputs used (both labor and non-labor) on the plots cultivated during the second cropping season of 2011.

P A R C E L  I D	Parcel Name	P L O T  I D	Record respondent for each plot	INORGANIC/CHEMICAL FERTILIZERS			PESTICIDES						
				How much was purchased? <b>KGS</b>	What was the value of the purchase? <b>UShs</b>	Where did you buy most of it? 1= Government / LC 2= Private trader in local market/village 3= Private trader in district market 4= Fellow farmer 5= Neighbor/ Relative 6= Other (specify)	Did you use any pesticides on the parcel/plot ? 1=Yes 2=No (>>31)	What type was used? 1=Insecticides 2=Miticides/Acaricides 3= Fungicides 4= Growth regulators and harvest aids 5= Rodenti-cides 6=Nematicides/Molluscicides 96=Other (Specify)	What was the quantity used?  Unit of qty 1=Kg 2=Lts		Qty	Was any of this purchased? 1=Yes 2=No (>>31)	What quantity was purchased?  <b>(Use unit of qty from 24a. Should relate to qty reported in 24b)</b>
1	2	3	3.1	17	18	19	22	23	24a	24b	25	26	27

**SECTION 3B CONT'D: INPUTS - SECOND VISIT**

Ask some questions about the quantity and value of inputs used (both labor and non-labor) on the plots cultivated during the second cropping season of 2011.

P A R C E L I D	Parcel Name	P L O T I D	Record respond ent for each plot	Pesticides/ herbicides  Where did you buy most of it?  1= Govern- ment/ LC 2= Private trader in local market/village 3= Private trader in district market 4= Fellow farmer 5= Neighbor/ Relative 6= Other (specify	Number of hours in a normal workday (according to the household)?	Family Labour				Hired Labour				Non-Hired Labour						
						Family labour for all tasks during the second season of 2011: such as land preparation and sowing, input application, weeding and pruning, harvesting, etc.					Hired labour for all tasks during the second season of 2011: such as land preparation and sowing, input application, weeding and pruning, harvesting, etc.				For this plot how many days did ... from other households work for free/exchange? <b>Person days</b> M= Men W= Women C= Children					
1	2	3	3.1	28	29	31	32	33a	33b	33c	34	M	W	C	36	46	M	W	C	49

**SECTION 4B: CROPS GROWN AND TYPE OF SEEDS USED- SECOND VISIT**

1. Did you grow any crops in first cropping season of 2011? 1=YES, 2=NO (>>SECTION 3B)  1b. Number of crops grown in first season, according to the farmer:

Ask about all crops, including perennial crops (e.g. fruits) and fallow land for the parcels **which were farmed** by the household during the LAST CROPPING SEASON. Start with a parcel, plot and the main crop in the plot, and then ask for crops intercropped with the main crop. And move on to the next crop. If the plot is intercropped, the total plot area should be entered in column 7 for each crop and then the percentage of the plot area under the component crops in column 9.

PARCEL ID	Parcel Name	PLOT ID	Crop Name	Crop Code  (See Manual)	Record responders for each crop	What was the total area of [PLOT] planted?  ANSWER SHOULD NOT VARY ACROSS CROPS ON THE SAME PLOT.  (ACRES)	What type of crop stand was on the [PLOT]?  1= Pure Stand (>>9.1) 2= Mixed Stand	Approximately what percentage of the [PLOT] area was under this [CROP]?	When was the crop planted?		Did you use any seed/ seedlings?  1=Yes 2=No >> Next crop	Did you purchase any seed for this crop?  1=Yes 2=No	How much seed did you use for this [CROP]?		How much seed would you have used for this [CROP] if you had planted it pure stand on this [PLOT]?		What type of seed did you use for this [CROP]?  1= Traditional (>>15) 2= Improved	What type of improved seed did you use for this [CROP]? 1 = Certified 2= Quality declared 3= Don't Know	IF Q10=1 How much did you pay including the value of in kind payments for all purchased seeds/ seedlings used for this [CROP]?
									INCLUDE CODES FOR MONTH IN APPLICATION				QTY	UNIT	QTY	UNIT			
									MM	YYYY									
2	3	4	5	6	6.1	7	8	9	9.1	9.2	16	10	11A	11B	12A	12B	13	14	15

**SECTION 5B: QUANTIFICATION OF PRODUCTION- SECOND VISIT**

I would now like to ask about your harvest from crops that were planted during the 2nd cropping season. Please provide the following information related to quantity of [CROP] harvested and sold – planted in the second 2011 season (Second Crop Season of 2011).

P A R C E L  I D	Parcel Name	P L O T  I D	Crop Name	Crop code  <b>See manual</b>	Record respondents for each crop	Is crop immature?  1= Yes>> Next crop  2= No	How much [...] did you harvest during the first season of 2011 and in what condition/state?				1=Jan 7=Jul 2=Feb 8=Aug\ 3=Mar 9=Sept 4=Apr 10=Oct 5=May 11=Nov 6=Jun 12=Dec		Were the decisions concerning the use of the crop output made by a single HH member or made jointly by multiple HH members?  1= Single member 2= Jointly >> <b>6a3</b>	Who is the primary decision maker concerning the use of crop output?  <b>Go to 7a</b>	Who are the decision makers concerning the use of crop output?  <b>FOR 6a1=2</b>			
							Qty	Condition /state code	Unit code	Conversion factor into kg?	Begin	End			Personal ID	Personal ID	Personal ID	
											MM	MM						
							<b>6a</b>	<b>6b</b>	<b>6c</b>	<b>6d</b>	<b>6e</b>	<b>6f</b>			<b>6a1</b>	<b>6a2</b>	<b>6a3</b>	<b>6a4</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>5.1</b>	<b>5.2</b>												

**SECTION 5B CONT'D: QUANTIFICATION OF PRODUCTION- SECOND VISIT**

Copy from previous page					How much of the [...] you harvested during the second season of 2011 was sold and in what condition/state?  <b>IF NONE, WRITE 0 IN QUANTITY AND GO TO 12</b>			What was the value?  <b>UShs</b>	Who bought the largest part?  1= Government/LC 2= Private trader in local market/ village 3= Private trader in district market 4= Consumer at market 5= Neighbor/Relative 6= Other (specify)	How much was spent on transport?  <b>(If nothing was spent on transport, record 0)</b>  <b>UShs</b>	Were the decisions concerning <b>the use of the earnings</b> from the crop sales made by a single HH member or made jointly by multiple members?  1=single 2= jointly>> <b>11g</b>	Who was the primary decision maker concerning the use of earnings from the crop sales?  <b>GO TO 12</b> Record ID	Who were the decision makers concerning the use of earnings from the crops?  ID ID		How much of the [...] harvested during the second season of 2011 was given out as gifts or reimbursements for land, labour, oxen etc?  <b>Qty</b>	How much of the [...] harvested during the second season of 2011 has already been consumed by your household?  <b>Qty</b>	How much of the [...] harvested during the second season of 2011 was used to produce processed food products for sale and for animal feed?  <b>Qty</b>	
P A R C E L L I D	Parcel Name	P L O T I D	Crop name  <b>See Manual</b>	Crop Code	Qty	Condition/State Code	Unit Code	8	9	10	11e	11f	11g	11h	12	13	14a	14b

**SECTION 5B CONT'D: QUANTIFICATION OF PRODUCTION- SECOND VISIT**

Copy from previous page					How much of the <b>SEEDS</b> from the [...] harvested during the second season of 2011 was saved for seed?  <b>Qty</b>	What percentage of the [...] harvested during the second season of 2011 did you lose or waste after harvest?  <b>(%)</b>  <b>If no loss, skip to Col. 18</b>	What was the <b>main</b> reason for the loss?  1= Insects 2= Rodents 3= Flood 4= Stolen 6=Other (specify)	What is your main method of storage for this crop?  1= Locally made traditional structure 2= Improved locally made structure 3= Modern store 4= Sacks/ open drum 5= Airtight drum 6= Unprotected pile 7= In ceiling of dwelling 96= Other (specify)	Did you do anything to protect the stored crop?  1=Yes 2=No ( >> 21)	What did you do?  1= Spraying 2= Smoking 3= Other (specify)	How much of the [...] harvested during the second season of 2011 is still being stored by your household?  <b>Qty</b> <b>(If 0, go to 23a)</b>	<b>In case there was no harvest i.e. 0 in Col. 6a,</b> what was the main reason for the pre-harvest loss?  1= Pests 2= Animals 3= Floods 4= Drought 5= Hailstones 6= Other (Specify)	Did you harvest any [CROP] residues? If so, What was the main use?  1=Yes - Harvested 2=No - Residues Left in the field 3=No-No residues>> <b>Next Crop</b>  <b>Codes for Use:</b> 1=Animal feed 2=Fuel 3=Thatching/ Other HH Items (e.g. Mats) 96=Other Specify	
P A R C E L I D	Parcel Name	P L O T  I D	Crop Name	Crop Code  <b>See Manual</b>	15	16	17	18	19	20	21	22	23a	23b
1	2	3	4	5										

**Section 6A: Cattle and Pack Animals**

1. Has any member of your household raised or owned cattle and pack animals during the last 12 months?							[ ]			1 = yes 2 = no >>NEXT SECTION			
Type of livestock	Live-stock code	During the last 12 months, has any member of your household raised or owned any *...+?	How many *...+ are owned by your household now (present at your farm or away)?	Who owns the [...]?		Who keeps the [...] that your household owns?		How many *...+ are kept but not owned by your household now?	Who keeps the [...] that your household keeps but not owns?		Has your household hired any labour for keeping / herding [...] in the last 12 months?	What is the main type of labour employed while keeping *...+?	How much did you pay to the paid labour for keeping /herding [...] in the last 12 months?
				Record up to 2 Person IDs		Record up to 2 Person IDs. For non-HH member, write 97			Record up to 2 Person IDs				
				2	3a	3b	3c		3d	3e			
<b>EXOTIC/CROSS</b>													
Calves	1												
Bulls	2												
Oxen	3												
Heifers	4												
Cows	5												
<b>INDIGENOUS</b>													
Calves	6												
Bulls	7												
Oxen	8												
Heifers	9												
Cows	10												
Donkeys/mules	11												
Horses	12												

**Section 6A: Cattle and Pack Animals (con't)**

Type of livestock	Live-stock code	How many [...] did you own exactly 12 months ago (present or away)?	During the last 12 months, how many [...] were born or graduated?	During the last 12 months, how many were received as gift or payment for some service provided?	During the last 12 months, how many were given away as gift or payment for some service received?	During the last 12 months how many [...] were lost to theft?	During the last 12 months, how many [...] were lost to injury, accident, or natural calamity?	During the last 12 months how many [...] were lost to disease?	Did you buy any *...+ to raise during the last 12 months?	What was, on average, the value of each *...+ bought?	Did you sell any alive [...] during the last 12 months?	What was, on average, the value of each *...+ sold?	Did you slaughter any [...] during the last 12 months?	What is the main purpose of livestock products originating from *...+?
			number (write 0 if none)	number (write 0 if none)	number (write 0 if none)	number (write 0 if none)	number (write 0 if none)	number (write 0 if none)	number (write 0 if none >>14a)	Ush	number (write 0 if none >>15)	Ush	number (write 0 if none)	1= Subsistence 2= Commercial 3= Other, Specify
		<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13a</b>	<b>13b</b>	<b>14a</b>	<b>14b</b>	<b>15</b>	<b>16</b>
<b>EXOTIC/CROSS</b>														
Calves	1													
Bulls	2													
Oxen	3													
Heifers	4													
Cows	5													
<b>INDIGENOUS</b>														
Calves	6													
Bulls	7													
Oxen	8													
Heifers	9													
Cows	10													
Donkeys/mules	11													
Horses	12													



**Section 6B: Small Animals**

1. Has any member of your household raised or owned small animals during the last 12 months?							[ ]			1 = yes 2 = no >>NEXT SECTION			
Type of livestock	Live-stock code	During the last 12 months, has any member of your household raised or owned any *...+	How many *...+ are owned by your household now (present at your farm or away)?	Who owns the [...]?		Who keeps the [...] that your household owns?		How many *...+ are kept but not owned by your household now?	Who keeps the [...] that your household keeps but not owns?		Has your household hired any labour for keeping / herding [...] in the last 12 months?	What is the main type of labour employed while keeping *...+?	How much did you pay to the paid labour for keeping /herding [...] in the last 12 months?
				Record up to 2 Person IDs		Record up to 2 Person IDs For non-HH member, write 97			Record up to 2 Person IDs				
				2	3a	3b	3c		3d	3e			
<b>EXOTIC/CROSS</b>													
Male goats	13												
Female goats	14												
Male sheep	15												
Female sheep	16												
Pigs	17												
<b>INDIGENOUS</b>													
Male goats	18												
Female goats	19												
Male sheep	20												
Female sheep	21												
Pigs	22												

**Section 6B: Small Animals (con't)**

Type of livestock	Live-stock code	How many [...] did you own exactly 12 months ago (present or away)?	During the last 12 months, how many [...] were born or graduated to?	During the last 12 months, how many were received as gift or payment for some service provided?	During the last 12 months, how many were given away as gift or payment for some service received?	During the last 12 monthshow many [...] were lost to theft?	During the last 12 months, how many [...] were lost to injury, accident, or natural calamity?	During the last 12 monthshow many [...] were lost to disease?	Did you buy any *...+ to raise during the last 12 months?	What was, on average, the value of each *...+ bought?	Did you sell any alive [...] during the last 12 months?	What was, on average, the value of each *...+ sold?	Did you slaughter any [...] during the last 12 months?	What is the main purpose of livestock products originating from *...+?
			number (write 0 if none)	number (write 0 if none)	number (write 0 if none)	number (write 0 if none)	number (write 0 if none)	number (write 0 if none)	number (write 0 if none)	Ush	number (write 0 if none)	Ush	number (write 0 if none)	1= Subsistence 2= Commercial 3= Other, Specify
		<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13a</b>	<b>13b</b>	<b>14a</b>	<b>14b</b>	<b>15</b>	<b>16</b>
<b>EXOTIC/CROSS</b>														
Male goats	1													
Female goats	2													
Male sheep	3													
Female sheep	4													
Pigs	5													
<b>INDIGENOUS</b>														
Male goats	6													
Female goats	7													
Male sheep	8													
Female sheep	9													
Pigs	10													

**Section 6C: Poultry & Others**

1. Has any member of your household raised or owned rabbits, poultry, or other domestic birds during the last <b>3 months</b> ?								[ ]		1 = yes 2 = no >>NEXT SECTION			
Type of livestock	Livestock code	During the last 3 months, has any member of your household raised or owned any *...+	How many *...+ are owned by your household now (present at your farm or away)?	Who owns the [...]?		Who keeps the [...] that your household owns?		How many *...+ are kept but not owned by your household now?	Who keeps the [...] that your household keeps but not owns?		Has your household hired any labour for keeping / herding [...] in the last 3 months?	What is the main type of labour employed while keeping *...+?	How much did you pay to the paid labour for keeping /herding [...] in the last 3 months?
		1 = yes 2 = no (>> next animal)	Number (if none write 0, go to 4a)	Record up to 2 Person IDs		Record up to 2 Person IDs For non-HH member, write 97		Number (if none write 0, go to 5a)	Record up to 2 Person IDs		day/month (if none write 0 >> 6)	1 = Family 2 = Hired Casual 3 = Hired Permanent	US\$
		<b>2</b>	<b>3a</b>	<b>3b</b>	<b>3c</b>	<b>3d</b>	<b>3e</b>	<b>4a</b>	<b>4b</b>	<b>4c</b>	<b>5a</b>	<b>5b</b>	<b>5c</b>
Indigenous dual-purpose chicken	23												
Layers (exotic/cross chicken)	24												
Broilers (Exotic/cross chicken)	25												
Other poultry and birds (turkeys / ducks / geese)	26												
Rabbits	27												

**Section 6C: Poultry & Others (con't)**

Type of livestock	Live-stock code	How many [...] did you own exactly 3 months ago (present or away)?	During the last 3 months, how many [...] were born or graduated to?	During the last 3 months, how many were received as gift or payment for some service provided?	During the last 3 months, how many were given away as gift or payment for some service received?	During the last 3 months how many [...] were lost to theft?	During the last 3 months, how many [...] were lost to injury, accident, or natural calamity?	During the last 3 months how many [...] were lost to disease?	Did you buy any *...+ to raise during the last 3 months?	What was, on average, the value of each *...+ bought?	Did you sell any alive [...] during the last 3 months?	What was, on average, the value of each *...+ sold?	Did you slaughter any [...] during the last 3 months?	What is the main purpose of livestock products originating from *...+?
			number (write 0 if none)	number (write 0 if none)	number (write 0 if none)	number (write 0 if none)	number (write 0 if none)	number (write 0 if none)	number (write 0 if none)	Ush	number (write 0 if none)	Ush	number (write 0 if none)	1= Subsistence 2= Commercial 3= Other, Specify
		<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13a</b>	<b>13b</b>	<b>14a</b>	<b>14b</b>	<b>15</b>	<b>16</b>
Indigenous dual-purpose chicken	23													
Layers (exotic/cross chicken)	24													
Broilers (Exotic/cross chicken)	25													
Other poultry and birds (turkeys / ducks / geese)	26													
Rabbits	27													

## Section 7: Livestock inputs

Note: This section should only be asked/enabled for households that have confirmed having each category of animals in Section 6A –6C above (See Q2 in each section).

		<b>ANIMAL ROSTER</b>	<b>BREEDING</b>		<b>FEEDING</b>			
Type of livestock species	Animal group code	Has any member of your household raised or owned any *...+ in the past 12 months?	Has this household practiced any controlled mating or other breeding strategy for [...] in the past 12 months?	What has been the main controlled mating or other breeding strategy used by this household for *...+ in the past 12 months?  SEE BREEDING CODES	What have been for this household the major feeding practices for [...] in the last 12 months?  LIST TWO MAIN PRACTICES	Has this household ever paid to feed its [...] in the past 12 months?	In which months?	How much has this household paid to feed the *...+ in the past 12 months?
		1 = yes 2 = no (>> next animal)	1 = yes 2 = no (>>2a)		1 = only grazing / scavenging 2 = mainly grazing / scavenging with some feeding 3 = mainly feeding with some grazing / scavenging 4 = only feeding (zero grazing / scavenging) 5 = Tethering 6 = other (specify)	1 = yes 2 = no (>> 3a)	month codes (circle as appropriate)	Ush  (write 0 if nothing)
		<b>1</b>	<b>1a</b>	<b>1b</b>	<b>2a</b>	<b>2c</b>	<b>2d</b>	<b>2e</b>
<b>EXOTIC/CROSS</b>								
Large ruminants	101						12 3 4 5 6 7 8 9 10 11 12	
Small ruminants	102						12 3 4 5 6 7 8 9 10 11 12	
Poultry	103						12 3 4 5 6 7 8 9 10 11 12	
Pigs	104						12 3 4 5 6 7 8 9 10 11 12	
<b>INDIGENOUS</b>								
Large ruminants	105						12 3 4 5 6 7 8 9 10 11 12	
Small ruminants	106						12 3 4 5 6 7 8 9 10 11 12	
Poultry	107						12 3 4 5 6 7 8 9 10 11 12	
Pigs	108						12 3 4 5 6 7 8 9 10 11 12	

## Section 7: Livestock inputs (con't)

		WATERING			HOUSING	ANIMAL HEALTH			
Type of livestock species	Animal group code	How frequently, on average, has this household watered [...] in the past 12 months?	What has been the main source of water for [...] in the past 12 months?	How much has this household paid to access the main water sources for *...+ in the past 12 months?	What housing system for [...] has this household mainly used in the past 12 months?	Has this household vaccinated any [...] in the past 12 months?	Who administered the vaccination services for you *...+?	Against which diseases did you vaccinate your *...+?	What was the total cost of vaccination, including vaccine and professional fee?
		1 = animals get on their own from available sources 2 = once a day 3 = twice a day 4 = thrice a day 5 = throughout the day 6 = other (specify)	1 = tap water 2 = borehole 3 = dam 4 = well 5 = river 6 = spring 7 = stream 8 = constructed water points 9 = rainwater harvesting 10 = other (specify)	Ush  (write 0 if nothing)	1 = none 2 = confined in sheds 3 = confined in paddocks 4 = confined fences 5 = cage 6 = basket 7 = other (specify)	1 = yes, all animals at least once 2 = some, some animals 3 = none, no animals (>>6a)	1 = Private Vet clinic 2 = District Vet clinic 3 = NGO / Project 4 = Other (specify)	SEE DISEASE CODES	Ush (write 0 if provided for free)
		<b>3a</b>	<b>3b</b>	<b>3f</b>	<b>4</b>	<b>5a</b>	<b>5b</b>	<b>5c</b>	<b>5d</b>
<b>EXOTIC/CROSS</b>									
Large ruminants	101								
Small ruminants	102								
Poultry	103								
Pigs	104								
<b>INDIGENOUS</b>									
Large ruminants	105								
Small ruminants	106								
Poultry	107								
Pigs	108								

## Section 7: Livestock inputs (con't)

					ANIMAL HEALTH					
Type of livestock species	Animal group code	During the last 12 months have you used deworming) on your *...+?	Who administered the deworming treatment to your *...+?	What was the total cost for deworming, including cost of deworming and professional fee?	During the last 12 months have your *...+ been treated against ticks?	Who administered the tick treatment to your *...+?	What was the total cost of the treatment of [...] against ticks, including cost of drugs and professional fee?	During the last 12 months have your *...+ receive some curative treatments?	Who administered the curative treatment to your *...+?	What was the total cost of the curative treatment for [...], including cost of drugs and professional fee?
		1 = yes, all animals at least once 2 = some, some animals 3 = none, no animals (>>7a)	1 = Private Vet clinic 2 = District Vet clinic 3 = NGO / Project 4 = Other (specify)	Ush (write 0 if provided for free)	1 = yes, all animals at least once 2 = some, some animals 3 = none, no animals (>>8a)	1 = Private Vet clinic 2 = District Vet clinic 3 = NGO / Project 4 = Other (specify)	Ush (write 0 if provided for free)	1 = yes, all animals at least once 2 = some animals 3 = no animals (>>next line)	1 = Private Vet clinic 2 = District Vet clinic 3 = NGO / Project 4 = Other (specify)	Ush (write 0 if provided for free)
		<b>6a</b>	<b>6b</b>	<b>6c</b>	<b>7a</b>	<b>7b</b>	<b>7c</b>	<b>8a</b>	<b>8b</b>	<b>8c</b>
<b>EXOTIC/CROSS</b>										
Large ruminants	101									
Small ruminants	102									
Poultry	103									
Pigs	104									
<b>INDIGENOUS</b>										
Large ruminants	105									
Small ruminants	106									
Poultry	107									
Pigs	108									

**Section 8A: Livestock Production – Meat**

Note: This section should only be asked/enabled for households that have confirmed having each category of animals in Section 6A– 6C above.

Type of livestock species	Animal group code	How many [...] were slaughtered for meat in the last 12 months?	What was the live weight, on average, of the [...] that this household slaughtered?	How much of the meat of *...+ produced did you sell in the past 12 months?	Where/to whom do you mainly sell [...] meat?	How much has this household earned by selling [...] meat in the past 12 months?	Who controls the revenue from this product?	
		number (if 0 go to next line)  cross-check with sec6A q15; sec6B q15; and sec6C q15	kg/hd	Kg  IF 0 GO TO NEXT LINE	1 = Government / LC 2 = Prvate trader in local market / village 3 = Private trader in district market 4 = Consumer at market 5 = Neighbor / Relative	US\$	Record Personal IDs (Up to 2 IDs)	
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6a</b>	<b>6b</b>
<b>EXOTIC/CROSS</b>								
Large ruminants	101							
Small ruminants	102							
Poultry	103							
Pigs	104							
<b>INDIGENOUS</b>								
Large ruminants	105							
Small ruminants	106							
Poultry	107							
Pigs	108							



### Section 8B: Livestock Production – Milk

Note: This section should only be asked/enabled for households that have confirmed having each category of animals in Section 6A – 6C above.

Type of livestock species	Animal group code	How many [...] were milked in the last 12 months?	How many <b>days per year</b> on average, were [...] milked for?	What was the average [...] milk production per day per milked animal,?  INCLUDE ALL CONSUMED, SOLD AND PROCESSED MILK	In general, were your [...] suckling during the time the [...] were being milked?	How much of the milk produced by [...] was consumed by your household in the form of LIQUID milk?
		number (if zero go to next line)	number of months	LITRES/DAY	0 = no calf 1 = intermittent suckling 2 continuous suckling	LITRES/DAY
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>EXOTIC/CROSS</b>						
Large ruminants	101					
Small ruminants	102					
<b>INDIGENOUS</b>						
Large ruminants	105					
Small ruminants	106					

Type of livestock species	Animal group code	How much of the milk produced by [...] did you convert into processed dairy products?	How many litres of [ANIMAL] milk did you sell in the last 12 months?	Where/to whom do you mainly sell your [...] milk ?	How much has this household earned by selling [...] milk in the past 12 months?	Who controls the revenue from this product	
		LITRES/DAY  IF 0 >> Q8	LITRES/DAY	1 = Government / LC 2 = Private trader in local market /village 3 = Private trader in district market 4 = Consumer at market 5 = Neighbor / Relative 6 = Other (specify)	Ush	Record Person ID (Up to 2 Ids)	
		<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10a</b>	<b>10b</b>
<b>EXOTIC/CROSS</b>							
Large ruminants	101						
Small ruminants	102						
<b>INDIGENOUS</b>							
Large ruminants	105						
Small ruminants	106						

### Section 8C: Production – Eggs

Note: This section should only be asked / enabled for households that have confirmed having each category of animals in Section 6A – 6C above. This section asks about the last 3 months.

Type of livestock species	Animal group code	How many *...+ laid eggs in the last 3 months?	How many *...+ eggs did you produce in the last 3 months?	How many *...+ eggs did you sell in the last 3 months?	Where/to whom do you mainly sell your *...+ eggs?	How much has this household earned by selling *...+ eggs in the past 3 months?	Who controls the revenue from *...+ eggs?	
		number (if zero go to next line)	number	Number (if zero go to next line)	1 = Government / LC 2 = Private trader in local market / village 3 = Private trader in district market 4 = Consumer at market 5 = Neighbour / Relative 6 = Other (specify)	Ush	Record Personal IDs	
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6a</b>	<b>6b</b>
<b>EXOTIC/CROSS</b>								
Poultry	103							
<b>INDIGENOUS</b>								
Poultry	107							

## Section 8D & 8E: Dung Output & Animal Power

Note: This section should only be asked / enabled for households that have confirmed having each category of animals in Section 6A – 6C above.

Type of livestock species	Animal group code	Has this household made any use of the dung produced by [...] in the past 12 months?  List the main use	What was the total value from the sales of dung from [...] in the past 12 months?	Has this household used any of its [...] for its own transport (persons, crops, etc.) in the past 12 months?	Has this household used any of its [...] to provide transport services to other households?	How much has this household earned by providing transport services with [...] in the past 12 months?	Has this household used any of its [...] for ploughing its own field in the past 12 months?	Has this household used any of its [...] to provide draught power for ploughing services to other households?	How much has this household earned in cash / kind by providing draught power for ploughing with [...] in the past 12 months?
		1 = manure >> q2 2 = fuel (cooking) >> q2 3 = feed to other animals >> q2 4 = construction of building >> q2 5 = sales 6 = no, no use >> q2 7 = other (specify) >> q2	Ush	1 = yes 2 = no	1 = yes 2 = no >> 4	Ush	1= yes 2 = no	1= yes 2 = no>>NEXT LINE	Ush (estimated value of in-kind benefits)
		<b>1a</b>	<b>1c</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>EXOTIC/CROSS</b>									
Large ruminants	101								
Small ruminants	102								
Poultry	103								
Pigs	104								
<b>INDIGENOUS</b>									
Large ruminants	105								
Small ruminants	106								
Poultry	107								
Pigs	108								
Donkey/mules	109								
Horses	110								

## **BREEDING CODES**

- 1= None
- 2= Controlled mating – best male(s) from herd
- 3= Controlled mating – to avoid mating of close relatives
- 4= Controlled mating – other (e.g. corrective)
- 5= Use of high quality breeding male from neighbor, other supplier
- 6= Exchange of high quality breeding male
- 7= Purchase of high quality breeding male
- 8= Artificial insemination - cross breeding
- 9= Artificial insemination - same breed
- 10= Purchase of high quality breeding female(s)
- 11= Castrate non-productive males
- 12= Culled/sold non-productive males
- 13= Culled/sold non-productive females
- 14= Cross-breeding - own herd
- 15= Cross-breeding - male from neighbor, other supplier
- 16=Other (specify)

## **DISEASE CODES**

- 1 = Rinder pest
- 2= FMD
- 3= CBPP
- 4= CCPP
- 5= LSD
- 6= Anthrax
- 7= Blackleg
- 8= PPR
- 9= Sheep and goat pox
- 10=Newcastle disease
- 11= Fowl pox
- 12= Avian flu
- 13= IBD / Gumboro
- 14= Other (specify)
- 15= Do not

## SECTION 9: EXTENSION SERVICES

1	SOURCE	Did anyone in this household receive advice/information for about agricultural/livestock activities from any of the following sources in the past 12 months?  1 = Yes 2 = No (>> Next Row)	Which household members received advice/information?  <b>RECORD PERSON IDs</b>				Was the advice from [SOURCE] about...?  1 = Yes 2 = No									
			1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	Agricultural production	Agricultural prices	Agro-processing	Crop Marketing	Livestock Marketing	Fishing production	Livestock production Meat	Livestock production Milk	Prevention of Livestock diseases	
1	2	3	4a	4b	4c	4d	5a	5b	5c	5d.1	5d.2	5e	5f.1	5f.2	5g	
1	NATIONAL AGRICULTURAL ADVISORY SERVICES (NAADS)															
2	INPUT SUPPLIER															
3	NGO															
4	COOPERATIVE/FARMER'S ASSOCIATION															
5	LARGE SCALE FARMER															
6	OTHER (SPECIFY)															

**SECTION9 CONT'D: EXTENSION SERVICES**

	SOURCE	How many times did someone from [SOURCE] visit any of the household's plots in the past 12 months?		How many times did anyone in the household visit the [SOURCE] in the past 12 months?	Did anyone in the household pay anything in order to receive any type of advice from [SOURCE] in the past 12 months?  1 = Yes 2 = No (>> 10)	How much was paid?  UShs	How would you rate the advice received?  1 = Good 2 = Average 3 = Bad
		Solicited visits	Unsolicited visits				
1	2	6a	6b	7	8	9	10
1	NATIONAL AGRICULTURAL ADVISORY SERVICES (NAADS)						
2	INPUT SUPPLIER						
3	NGO						
4	COOPERATIVE/FARMER'S ASSOCIATION						
5	LARGE SCALE FARMER						
6	OTHER (SPECIFY)						

Are you informed of training programs organized by NAADS?  1 = Yes 2 = No	Has any member of your household participated in a training program organized by NAADS in the past 12 months?  1 = Yes 2 = No	Are you informed of farmers' groups established under the farmer institutional development scheme of NAADS?  1 = Yes 2 = No (>> 15)	Is any member your household a member of such a farmers' group?  1 = Yes 2 = No	Are you informed of NAADS initiatives to prioritize enterprises to demand for advisory services?  1 = Yes 2 = No	Has any member of your household participated in such initiatives in the past 12 months?  1 = Yes 2 = No
<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>

## SECTION 10: FARM IMPLEMENTS AND MACHINERY

ITEM CODE	ITEM NAME	Did your household own, use or rent/borrow any of the following farm implements in the past 12 months?  1=Yes 2=No >>next item	How many [ITEM] does your household currently own?  IF NONE, RECORD ZERO AND SKIP TO 3.  Number	What is the total estimated value of all [ITEM] owned by your household?  Total Estimated Value (in US\$)	How many [ITEM] did your household own exactly 12 months ago?  Number	Did your household use the [ITEM] during the last 12 months?  1=Yes(>>6) 2=No	What was the main reason for not using the [ITEM]?  1=No need for one 2=Needs repairs 3=Lent to others 4=Rented to others 5=Other(Specify)  <b>THEN&gt;&gt; NEXT ITEM</b>	Did your household rent or borrow any [ITEM] during the last 12 months?  1=Yes 2=No (>>NEXT ITEM)	How many [ITEM] did your household rent or borrow during the last 12 months?  Number	How much did your household pay to rent or borrow [ITEM] during the last 12 months?  ESTIMATE THE VALUE OF IN-KIND PAYMENTS  Total stimated Value (in US\$)
		0	1	2	3	4	5	6	7	8
1	Hoe									
2	Ploughs									
3	Pangas									
4	Slashers									
5	Wheel barrows									
6	Tractor									
7	Watering cans									
8	Pruning knives									
9	Pruning saws									
10	Chain/band saws									
11	Sheller									
12	Spade									
13	Fork hoe									
14	Animal-drawn plough									
15	Trailer									
16	Harrow/cultivator									
17	Weeder									
18	Planter									
19	Sprayer									
20	Pail									
21	Milk can									
23	Animal-drawn cart									
22	Other (SPECIFY) _____									

END TIME: (1ST VISIT)				
END TIME: (2ND VISIT)				