

# Uganda Bureau of Statistics



#### THE UGANDA NATIONAL PANEL SURVEY 2010/11

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									
District Name and Code									
2. County/Municipality									
3. Sub-County/Division/Town Cour	cil								
4. Parish/Ward									
5. EA									
6. LC Name									
7. Rural/Urban ( <i>Urban</i> =1; Other U	rban =	2; Rur	al =3)						
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	SURV	ΈΥ ¯	ГІМЕ					
CODE(1 <sup>ST</sup> visit)  1. NAME OF INTERVIEWER:					C	ODE(	(2 <sup>ND</sup>	visit)
2. DATE OF INTERVIEW:								
D D M M Y Y Y	_ D	D	М	М	Υ	Υ	Υ	Υ
3. NAME OF SUPERVISOR:				•				
4. DATE OF CHECKING: D D M M Y Y Y Y	D	D	М	М	Υ	Υ	Υ	Y
5. STARTING TIME:		<u> </u>		<u> </u>				
1 <sup>ST</sup> VISIT								
2 <sup>ND</sup> VISIT								
6. RESPONSE CODE: 1 <sup>ST</sup> VISIT					l			l .
Response Code (QN 6): 1. Completed 2. Partially done 3. Not done								
7. RESPONSE CODE: 2 <sup>ND</sup> VISIT								
Response Code (QN 7): 1. Completed 2. Partially done 3. Not done								
8. IF THE HOUSEHOLD IS NOT ABLE TO PARTICIPATE IN THE S 1= Refused	SURVE	Y, GI	VE RE	EASO	NS			
2= Household members cannot be found 3= Working outside the area 6= Other (specify)								
9. GPS COORDINATES:								
N=1 S=2 D M  LAT								
LONG								
10. REMARKS:								

#### 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 last completed season (1<sup>st</sup> season]:  $\underline{Jan - June}$  2010) and the current cropping season (2<sup>nd</sup> Season]:  $\underline{July. - Dec.}$  2010). Please include land belonging to this household that was rented or lent out to another household.

During the last completed cropping season (1st Season of 2010: Jan – June. 2010) and the current cropping season (2nd Season of 2010: July – Dec 2010), 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)	
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P A R C E L I D	COMPLETE THIS COLUMN FOR ALL PARCELS THEN ASK COLUMN 5-15 FOR EACH PARCEL BEFORE GOING TO THE NEXT PARCEL. COLUMN 4 IS FILLED IN AFTER THE	Size of this parcel in	n acres?	nomestead to this parcel?	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)	acquire this parcel?  Record 999 if household has always had the land	today, how much could you sell it for? Only for those with Code 1 – 3		currently	What was primary us parcel duri cropping s  1= Own Cul (annual crop 2= Own Cul (perennial c 3= Rented-c 4= Cultivated tenant 5= Fallow 6= Pasture 7= Woodlot/196= Other (s	ee of the ing the two leasons? tivated los) tivated rops) but d by mailo	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. 16	time and type of was used IF LESS THAN 1 YEAR WRITE	utive vas the left his last id what fallow ed?
	INTERVIEW.	GPS with two decimal digits	Farmer estimation with two decimal digits					in Col. 8 UShs	UShs	1=Yes 2=No	1 <sup>st</sup> cropping season 2010	2 <sup>nd</sup> cropping season 2010		Years	Туре
2	3	4	5	6	7	8	9	10	11	12	13a	13b	14	15a	15b
01															
02			_ _ - - -												
03															
04															
05															
06															
07															
08															
09		_ -	_ _ -												
10															

PARCE	EL 01	Satellites:   _				
	N=1 S=2	D	М			
LAT						
LONG		_				

PARCE	EL 02	9	Satellites:   _
	N=1 S=2	D	М
LAT			
LONG			

PARCE	EL 03		Satellites:   _
	N=1 S=2	D	M
LAT			
LONG			

PARCE	EL 04	Ş	Satellites:   _
	N=1 S=2	D	М
LAT		_ _	
LONG		1 1 1	1 1 1 1 1 1

PARCE	PARCEL 05		Satellites:   _
	N=1 S=2	D	М
LAT		_	
LONG		1 1 1	

	PARCE	EL 06		Satellites:   _
		N=1 S=2	D	М
_	LAT			
	LONG			

PARCE	EL 07	Satellites:   _				
	N=1 S=2	D	М			
LAT						
LONG						

PARCE	EL 08		Satellites:   _
	N=1 S=2	D	М
LAT			
LONG			

#### **CODES FOR 15b:**

- 1 = Fallow with cover crop
- 2 = Fallow with residue incorporation
- 3 = Bare Fallow

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

Р	Parcel Name	If 13= 3 or	If 13= 1 or 13=2	What soil	What	What is the	In general,	During the last	If Yes, what	Is there any	/	Does this parcel	Who ha	as the	Who us	ually	Who		Have you
Α		13=4		type is in	soil/land				was the cause	erosion		have a formal	owners	hip/	(mainly)	)	manag	ges	ever been
R	COPY PARCEL		What proportion of			source to			of these	control/wate		certificate of title		hts to	works o		/contro		concerned
C	NAME FROM	rent did you	the parcel did you	1	this parcel?	this parcel?		there any	erosion	harvesting			this pa	rcel?	this par	cel?	the ou		that
E	PREVIOUS PAGE	or will you	cultivate/plant?	1= Sand			parcel?	problems with erosion in this	problems?	facility on th		certificate of					from the		somebody
L	PAGE	receive (if share-		loam	1= Good	1= Irrigated	1 _ Lilly	parcel?	1= Terrain	parcel?		ownership or certificate of					parcel		might dispute
		cropped –	RECORD	2= Sandy	1= G000 2= Fair	2= Rain-fed		parcer	2= Flooding	List two m	ain	occupancy					house		your
Ď		out give the	PERCENTAGE	clay loam	2- Door	3= Swamp/			3= Wind	List two iii	uiii		Record	d IDs			memb		ownership/
		estimated		3= Black clay 6= Other		wetland			4= Animals	A = Terrace	es		of up t		Record	IIDs			use rights
		cash value)		(Specify)			4 = Steep			C = Gabion	ns/		persor		of up to		Recor	'd	on this
		during the		(0000)			slope	1=Yes		sandbags		authorities?			person		IDs of	up	parcel?
		two					5 = Valley	2=No(>> <b>24</b> )	(specify)	D = Vetiver	•						to 2		
		seasons?					6 = Other			grass	. 11 -	1=Certificate of					perso		1=Yes
							(specify)			E = Tree be	eits	title 2= Certificate of							2=No
										harvest bur	nde	customary							
										G = Draina		ownership							
										ditches		3=Certificate of							
			1.	_						H = Dam		occupancy							
			1 <sup>st</sup> . 2 <sup>nd</sup> .							I = None		4=No document							
			cropping cropping season season							J=Stone bu									
			2010 2010							K=Earth bu	inas								
2	3	16	17a 17b	18	19	20	21	22	23	24a	24b	25	26a	26b	27a	27b	28a	28b	29
01																			
02																			
03																			
04																			
05																			
<u> </u>																			
06																			
07																			
08																			
09																			
10																			

PARCE	EL 09	Satellites:   _			
	N=1 S=2	D	М		
LAT					
LONG					

PARCE	EL 10	Satellites:   _			
	N=1 S=2	D	M		
LAT					
LONG					

## SECTION 2 Part B: LAND THAT THE HOUSEHOLD HAS ACCESS THROUGH USE RIGHTS

#### INTERVIEWER: PLEASE NOTE THAT THIS CATEGORY REFERS TO LAND THAT THE HOUSEHOLD HAS ONLY USER RIGHTS TO.

	00d 0 (00d 0	4 7/20	
1.	During the last completed cropping season (1st Season of 2010: <u>Jan. – June 2010</u> ) and the current cropping season (2nd Season of 2010: <u>July – Dec. 2010</u> ),	1= YES	
	has your household had access (use rights) to agricultural land including woodlots and forest land belonging to someone else?	2= NO (>> SECTION 3)	
	has your nouseriola had access (acc rights) to agricultural land molacing woodlets and forest land belonging to someone cise:	2-110 (>> 020110110)	

	1			T		T		1	Ta	1	r		T		T	
	Parcel Name	Size of this parcel in	n acres?	Location:	Tenure	How did you		For how long				For how much	What was		What type	
					system		how much		you be	are you	to renew	could you sell	primary use		was/is bei	
				minutes				been in	willing to	willing to pay	your use	the use right to			during the	
	COMPLETE			does it take			you or will		buy full	for it		this parcel?	cropping se	easons?	cropping s	seasons?
	THIS COLUMN			to traver	2= Leasehold 3= Mailo			possession	owner-	(including	parcel at					
Р	FOR ALL			mom me	4= Customary			of this parcel	ship right		least once a		1= Own Cult			
Α	PARCELS			homestead	6= Other	righte owner	owner	(number of	to this	investment	year?		(annual crop 2= Own Cult			
R	THEN ASK			to this	(specify)	2= Without	during the	years)?	parcel?	on it)?			(perennial cr			
С	COLUMN 5-16			parcel?	. , ,,	agreement	two				1= Yes <b>(&gt;&gt;</b>		3= Sub-cont			
E	FOR EACH					with land/use	cropping		1= Yes		15)		out>>16	lactoa		
L	PARCEL			1= Less than			seasons?		2= No		2= No		5=Fallow			
	BEFORE			15mn		6= Other		YEARS	(>> 13)				6=Grazing la			
1	GOING TO THE			2= 15mn - 30mn		(specify)	WRITE '0'						7=Woodlot>			
D	NEXT PARCEL.			3= 30mn -			IF NONE.						96=Other (sp	pecify)>>16		
	COLUMN 4 IS		ı	60mn										ı		
	FILLED IN	GPS	Farmer estimation	4=1hour -									1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>
	AFTER THE	with two decimal	with two decimal	∠nours									cropping	cropping	cropping	cropping
	INTERVIEW.	digits	digits	5=Over 2			UShs			UShs		UShs	season	season	season	season
		digits	digits	hours									2010	2010	2010	2010
2	3	4	5	6	7	8	9	10	11	12	13	14	15a	15b	15a.1	15b.1
21																
22		_ _ -														
23																
24																
			<u> </u>							-			-			
25																
26			_ - - - -													
27																
28		<u> </u>														

PARCE	EL 21	Satellites:   _			
	N=1 S=2	D	M		
LAT					
LONG					

PARCE	EL 22	Satellites:   _			
	N=1 S=2	D	М		
LAT					
LONG					

PARCE	EL 23	Satellites:   _			
	N=1 S=2	D	М		
LAT					
LONG					

PARCE	EL 24	Satellites:   _				
	N=1 S=2	D	М			
LAT						
LONG						

PARCE	EL 25	Satellites:   _			
	N=1 S=2	D	М		
LAT		_ _			
LONG					

	PARCE	EL 26	Satellites:   _				
		N=1 S=2	D	М			
	LAT						
	LONG						

PARCE	EL 27	Satellites:   _			
	N=1 S=2	D	M		
LAT					
LONG		_			

PARCE	EL 28		Satellites:   _
	N=1 S=2	D	М
LAT			
LONG			

COD	ES	FOR
15a.1	&	15b.1:

- 1 = Fallow with cover crop
- 2 = Fallow with Residue incorporated
- 3 = Bare Fallow

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

P A R C E L I D	Parcel Name COPY PARCEL NAME FROM PREVIOUS PAGE	much rent did you or will you receive (if share-cropped –out give the estimated cash value) during the two cropping seasons?	type is in this parcel?	What soil /land quality is this parcel? 1= Good 2= Fair 3= Poor	main water source to this parcel? 1= Irrigated 2= Rain-fed 3= Swamp/	the topography of this parcel? 1 = Hilly 2 = Flat 3 = Gentle slope 4 = Steep slope	During the last completed season, were there any problems with erosion in this parcel?  1=Yes 2=No (>>23)	these erosion problems?  1= Terrain 2= Flooding 3= Wind 4= Animals 5= Cultivation 6= Other (specify)	Is there any control/wat harvesting this parcel?  List two m  A = Terrace C = Gabior sandbags D = Vetiver E = Tree be F = Water I bunds G = Draina H = Dam I = None J = Stone b K = Earth b	ain es sis/ grass elts narvest ge ditches	Who has the rights to this rights to this Record ID: 2 persons	s parcel?	Who usual works on the Record ID: persons	s of up to 2	Who mana /controls th from this pa among hou members? Record ID 2 persons	e output arcel isehold
2	3	16	17	18	19	20	21	22	23a	23b	24a	24b	25a	25b	26a	26b
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 2010.

	Parcel Name		Was the plot						Organic f	ertilizers					Inorgan	ic/chemic	al ferti	lizers
P A R C E L I D			prepar- ation for planting? 1=Yes 2=No	Did you use any organic fertilizer on the parcel/ plot? 1=Yes 2=No (>>14)	the quantity used? KGS	of this purchas-	much was purchased	the value of the purchase? UShs	you buy most of it? 1= Government/ LC 2= Private	receive any	upfront for this?	How much did you repay/will you repay? <b>UShs</b>	From whom did you receive the credit?  1= Friends/ relatives 2= Private trader 3= Cooperative 4= Bank 5= Microfinance institutions 6= Input trader 96= Others (specify)	organic fertilizer used on the parcel/plot? 1=Own livestock	Did you use any inorganic/ chemical fertilizer on the parcel/plot?  1=Yes 2=No (>> 26)	was used?  1= Nitrate 2=	was the quantity used?	Was any of this purchased?  1=Yes 2=No ( >> 26)
1	2	3	3a	4	5	6	7	8	9	10	11	12	13	13a	14	15	16	17

# 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 2010.

	Parcel Name				Inorga	anic/chem	ical fer	tilizers					P	esticid	es		
P A R C E L I D		P L O T I D	How much was purchas ed? KGS	purchase? UShs	choose to use this specific type of inorganic fertilizer?  1= Other farmers use it 2= Cheap 3= Common/most available 4= Works best 6= Other (Specify)	you buy most of it? 1= Government/ LC 2= Private trader in local market/village 3= Private trader in district market 4= Fellow farmer	Did you receive any of this on credit to be paid later?  1=Yes 2=No ( >> 26)	did you pay upfront for	How much did you repay/will you repay? UShs	From whom did you receive the credit? 1= Friends/ relatives 2= Private trader 3= Cooperative 4= Bank 5=Microfinance institutions 6=Input trader 96 = Others (specify)	any pesticides on the parcel/plot?  1=Yes 2=No (>> 38)	4= Growth regulators and harvest aids 5= Rodenticides 6=Nematicdes/ Molluscicides		vas the y used?	purchased ?	What quantity was purchase d? (Should relate to unit of qty in Col. 28a)	UShs
						5= Neighbor/ Relative 6= Other (specify)						96=Other (Specify)	Unit of qty	Qty			
1	2	3	18	19	20	21	22	23	24	25	26	27	2=Lts 28a	28b	29	30	31
																<u> </u>	

# 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 2010.

	Parcel Name			Pe	esticide	s/herbicides				Family La	abour				Hire	ed Lal	oour	
P			Why did you choose to use this specific type of pesticide?	·	Did you receive any of this on credit to	How much did you pay upfront for this?	you repay/will	From whom did you receive the credit?	of 2010: suc	ur for all tasks d ch as land prepa ation, weeding a etc.	ration a	nd sow	eason ing,	Hired labour for a such as land prep weeding and prui	paration	n and so	owing,	st season of 2010: input application,
R C E L I D		P L O T I D	1= Other farmers use it 2= Cheap 3= Common 4= Works best 6= Other (Specify)	LC 2= Private trader in local market/village 3= Private trader in district market 4= Fellow farmers	be paid later? 1=Yes 2=No ( >> 38)	UShs		1= Friends/ relatives 2= Private trader 3=Cooperative 4= Bank 5=Microfinance institutions 6=Input trader 96=Others (specify)	household members worked on this plot during the first season of 2010?	days did they work?	the hou worked	d up to	s plot?	Did you hire any labour to work on this plot during the first season of 2010?  1=Yes 2=No (>>NEXT SECTION)	many hire in	days di ? rson da en omen	d you	How much did you pay including the value of in-kind payments for these days of labor?  UShs.
1	2	3	32	33	34	35	36	37	38	39	40a	40b	40c	41	42a	42b	42c	43

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

1. Did you grow any crops in the last season? 1 = YES 2 = NO (>> SECTION 3B)

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 8 for each crop and then the percentage of the plot area under the component crops in column 9.

P A R C E L I D	Parcel Name	P L O T	Crop Name	(See Manual)	system	of plot planted		Did you purchase any seeds/ seedlings for this crop? 1=Yes 2=No (>>Next Crop)	you pay including the value of in-kind payments for all purchased seeds and seedlings used	Where did you buy most of this seed?  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)	seed did you purchase?	What type of improved seed?  1= Certified 2= Quality declared 3= Don't Know
2	3	4	5	6	7	8	9	10	11	12	13	14

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

I would now like to ask about your harvest from crops that were planted during the last completed season. Please provide the following information related to quantity of [CROP] harvested and sold – planted in the past agricultural season (First Crop Season of 2010).

#### CTION 5A CONT'D: QUANTIFICATION OF PRODUCTION- FIRST VISIT

P A R C E L	Parcel Name	P L O T	Crop Name	Code See manual	during in what IF THE BEFOI	uch [] did the first sea t condition/s E ENTIRE C RE HARVE:	state? ROP W	2010 and AS LOST TE '00'	In what m the harve In what m the harve 1=Jan 7 2=Feb 8 3=Mar 9 4=Apr 1 5=May 1 6=Jun 1	est begin? nonth did est end? 7=Jul 8=Aug 9=Sept 0=Oct 1=Nov	How mucharveste season cand in who condition  IF NONE QUANTI	d during of 2010 v hat n/state?	the first vas sold	was the	largest part?  1= Government/ LC  2= Private trader in local market/ village  3= Private trader in district market  4= Consumer at	was spent on transport? (If nothing was spent on	Person ID No.	harvested during the first season of	much of the [] harvested during the first season of 2010 has already been consumed	was used produce processed products and for ar feed?	sted e first 2010 to d food for sale nimal
I D		D			Qty	Condition /state code	Unit code	Conversion factor into kg?	Begin	End	Qty	Condition /state code	code	UShs				land, labour, oxen etc?	household	Food products	Animal feed
1	2	3	4	5	6a	6b	6c	6d	6e	6f	7a	7b	7c	8	9	10	11	12	13	14a	14b

# 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 2010.

	Convit	om pro	vious page		How much of	What percentage	What was the	What is your	Did you do	What did	When you	How much	How long do	In case there	Did you ben't	oct any
P A R C E L I D	Parcel Name	P L O T	Crop Name	Crop Code See Manual	the [] harvested during the first season of 2010 was saved for seed?	of the [] harvested during the first season of 2010 did you lose or waste after harvest?	reason for the	main method of storage for this crop? 1= Locally made traditional structure	anything to protect the stored crop?	you do?	store [], what is usually the main	of the [] harvested	you think the quantity of [crop] in stock will last?	was no harvest i.e. 0 in Col. 6a, what was the main reason for the pre- harvest loss?	[CROP] resid What was the 1=Yes - Harv 2=No - Resid the field 3=No-No residues>>No Codes for Us 1=Animal fee 2=Fuel 3=Thatching/ Items (e.g. Markets)	ues? If so, e main use? ested ues Left in ext Crop se: d
1	2	3	4	5	15	16	17	18	19	20	21	22	23	24	25a	25b
												1				
												1				

	Parcel Name		Was the parcel/plot						Organic fo	ertilizers					Inorgar	ic/chemical	fertili	zers
PARCEL ID		P L O T I D	for planting?  1=Yes	Did you use any organic fertilizer on the parcel/ plot?  1=Yes 2=No (>>14)	What was the quantity used?	of this	How much was purchased?	the value of the purchase?	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)	receive any of this	How much did you pay upfront for this?	did you repay/will you repay? <b>UShs</b>	1= Friends/ relatives 2= Private trader 3= Cooperative 4= Bank 5= Microfinance	main source of organic fertilizer used on the parcel/plot? 1=Own livestock	any inorganic/	was used?	was the quantity used?	Was any of this purcha- sed? 1=Yes 2=No ( >> 26)
1	2	3	3a	4	5	6	7	8	9	10	11	12	13	13a	14	15	16	17

# 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 2010.

P A	Parcel Name	P L			Ino	ganic/chem	ical fer	tilizers					P	esticid	les		
RCEL ID		О Т І	How much was purchas ed? KGS	What was the value of the purchase?  UShs	choose to use this specific type of inorganic fertilizer? 1= Other farmers use it 2= Cheap 3= Common/most	In local market/village 3= Private trader in district market 4= Fellow farmer 5= Neighbor/ Relative 6= Other	receive any of	How much did you pay upfront for this? UShs	did you repay/will you repay? <b>UShs</b>	1= Friends/ relatives 2= Private trader	Did you use any pesticides on the parcel/plot? 1=Yes 2=No (>> 38)	3= Fungicides 4= Growth regulators and harvest aids 5= Rodenti- cides	What w	vas the y used?	of this purchase	What quantity was purchase d?  (Should relate to unit of qty in col. 28a)	What was the value of the purchase?  UShs
					6= Other (Specify)	(specify)						6=Nematicdes/ Molluscicides 96=Other (Specify)	Unit of qty 1=Kg 2=Lts	Qty			
1	2	3	18	19	20	21	22	23	24	25	26	27	28a	28b	29	30	31
									_								

# 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 2010.

	Parcel Name			F	Pesticides	herbicide	s			Family La	abour				Hire	ed La	abou	ır		ls and Ilings
P			choose to use	Where did you buy most of it?	Did you receive any of this on credit to be paid later?	upfront for	How much did you repay/will you repay?	From whom did you receive the credit?		0: such as lapplication,	land pre	eparatio	cond on and	season of 2	2010: s , input	uch as	s land cation	ng the second d preparation , weeding and	Did you use any purchased seeds and	How much did you pay including the value of inkind
ARCELID		P L O T I D	2 = Cheap 3= Common 4= Works best 6= Other (Specify)	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 (>> 38)	UShs	UShs	1= Friends/ relatives 2= Private trader 3= Cooperative 4= Bank 5=Microfinance institutions 6=Input trader 96=Others (specify)	How many household members worked on this plot during the second season of 2010? Number	many	the ho worked plot?	d on thi	d is o 3 ID	Did you hire any labour to work on this plot during the second season of 2010? 1=Yes 2=No (>>44)	how r did you Pers M= M W= V	ou hire son da	days e in? ays	How much did you pay including the value of in- kind payments for these days of labor? UShs.	on this plot during the first season	payments for all purchased seeds and seedlings used on this plot? UShs.
1	2	3	32	33	34	35	36	37	38	39	40a	40b	40c	41	42a	42b	42c	43	44	45
	  -																			
	<u> </u>																			
	<u> </u>																			

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

1. Did you grow any crops in the last season? 1 = YES	2 = NO (>> <b>SECTION 6</b> )
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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 8 for each crop and then the percentage of the plot area under the component crops in column 9.

P A R C E L I D	Parcel Name	P L O T I D	Crop Name	Code (See Manual)	system  1=Pure stand 2=Inter- cropped	of plot planted (ACRES)	what percentage of intercropped area was under this crop? (if q7=2)	Did you purchase any seed for this crop? 1=Yes 2= No (>>Next Crop)	total value? UShs	Where did you buy most of this seed?  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)	purchase?  1= Traditional (>>Next Crop) 2= Improved	improved seed?  1= Certified  2= Quality declared  3= Don't Know
2	3	4	5	6	7	8	9	10	11	12	13	14

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

I would now like to ask about your harvest from crops that were planted during the last completed season. Please provide the following information related to quantity of [CROP] harvested and sold – planted in the past agricultural season (Second Crop Season of 2010).

P A R C E L	A P L C O T L I		Crop Name	Crop Code See manual	during the and in the second s	uch [] did y the second se what conditio  ENTIRE CR RE HARVEST KIP TO COL  HARVEST & 99999 AND	eason on state of the state of	of 2010 ? AS LOST 'E '00'	In what method harvester In what method harves	st begin? onth did st end? =Jul s=Aug s=Sept D=Oct	harveste second sold and condition	d in what on/state? E, WRITE	the f 2010 was	the value?	the largest part? 1= Government/ LC 2= Private trader in local market/ village 3= Private	transport? (If nothing was	the output from this crop?  Record Person	during the second season of 2010 was given out as gifts or	much of the [] harvested during the second season of 2010 has already been consumed	was used produce processed products that and for ar feed?	ested e second f 2010 to d food for sale nimal
		I D			Qty	Condition /state code	code	Conversion factor into kg?	Begin	End	Qty	Condition /state code	Unit code		market 5= Neighbor/ Relative 6= Other (specify)	UShs		land, labour, oxen etc? <b>Qty</b>	household?	Food products	Animal feed
1	2	3	4	5	6a	6b	6с	6d	6e	6f	7a	7b	7c	8	9	10	11	12	13	14a	14b
										1											
										1		1				1		<u> </u>			

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

P		•	Vious page	Crop	How much of the [] harvested during the second season of 2010 was saved for seed?	waste after	reason for the	main method of storage for this crop? 1= Locally made traditional structure	protect the stored crop? 1=Yes 2=No (>> 21)	you do?  1= Spraying	When you store [], what is usually the main purpose of storing it?  1= Food for household 2= To sell later at a higher price 3= Seed for planting 4= Other (specify)	of the [] harvested during the second season of 2010 is still being stored by your	you think the quantity of [crop] in stock will last?	for the pre- harvest loss?  1= Pests 2= Animals 3= Floods 4= Drought 5= Hailstones 6- Other	[CROP] res What was the	idues? If so, ne main use?  rvested idues Left in  Next Crop  Jse: g/ Other HH Mats)
A R C E L I D		Parcel Name   P   Crop Name   Crop Code   Co						(specify)								
1	2	3	4	5	15	16	17	18	19	20	21	22	23	24	25a	25b
	-															
			<u>I</u>	1	1	<u> </u>		18	<u> </u>	<u> </u>	1	1	<u> </u>	<u> </u>	<u> </u>	

## **SECTION 6: LIVESTOCK OWNERSHIP**

#### Part A: Cattle and Pack Animals

1= YES 2= NO (>> SECTION 6 PART B)

1. Has any member of your household raised or owned cattle and pack animals during the **last 12 months**?

Type of Livestock	Livest ock code	During the last 12 months,	How ma [] are: owned b	a) by your	sell one of your own []	How many did you own exactly 12	last 12 months, how		12 mont many,	hs, how	last 12 months,		any [] to raise ast 12 months?	Did you sell an the last 12 mor		How many were slaughtered in
		has any member of your household raised or owned any []? 1= Yes 2= No (>> NEXT ANIMAL)	(present farm or a b) kept to owned to househor now?	t at your away? but not by your old	you receive from the	months ago (present or away)?	many were born or graduated to?	months, how many were received as gift?	Died?	lost?	how many were given away as gifts?	IF NONE WRITE 0,	Total purchase value of all bought INCLUDING VALUE OF IN- KIND PAYMENTS UShs	Number sold  IF NONE WRITE 0, GO TO 16	Total sales value of all sold  INCLUDING VALUE OF IN-KIND PAYMENTS UShs	the last 12 months?
2	3	4	5a	5b	6	7	8	9	10a	10b	11	12	13	14	15	16
EXOTIC/CROSS																
Calves	1															
Bulls	2															
Oxen	3															
Heifer	4															
Cows	5															
INDIGENOUS																
Calves	6															
Bulls	7															
Oxen	8															
Heifer	9															
Cows	10															
Donkeys	11															
Mules/Horses	12															

# SECTION 6 CONT'D: LIVESTOCK OWNERSHIP

## Part A cont'd: Cattle and Pack Animals

Type of Livestock			son ID No.	[animals] vaccinated?  1= Yes, all	vaccinate the []?  1= Private Vet clinic 2= District Vet Clinic 3= NGO/Project 6= Other (specify)	Against which diseases did you vaccinate your []?  A = Foot and Mouth Disease B= Contagious Bovine Pleural Pneumonia C= Brucellosis D= Rinderpest E= Anthrax X= Other (Specify) Circle all that apply	12 months have you used anthelmintics (deworming) on your []?	the service provided for the []? 1= Private Vet clinic 2= District Vet Clinic 3= NGO/Project 6= Other	last 12 months were your [] treated against ticks? 1= Yes, all 2= Yes, some	Vet Clinic 3=		Where was the service provided for the []?  1= Private Vet clinic 2= District Vet Clinic 3= NGO/Project 6= Other (specify)
2	3	17a	17b	18	19	20	21	22	23	24	25	26
EXOTIC/CROSS												
Calves	1					ABCDEX						
Bulls	2					ABCDEX						
Oxen	3					ABCDEX						
Heifer	4					ABCDEX						
Cows	5					ABCDEX						
INDIGENOUS												
Calves	6					ABCDEX						
Bulls	7					ABCDEX						
Oxen	8					ABCDEX						
Heifer	9					ABCDEX						
Cows	10					ABCDEX						
Donkeys	11					ABCDEX						
Mules/Horses	12					ABCDEX						

27. Have you had adequate pasture for your livestock in the past 6 months?	28. How did you cope with the lack of adequ	ate pasture? (Circle all that apply)
1 = Yes (>> Part B) 2 = No 3 = Not Applicable (>>Part B)	A = Move animals to other locations B = Buy Animal Feed C = Sell livestock	D=Do nothing E=Other (Specify)

## SECTION 6 CONT'D: LIVESTOCK OWNERSHIP

#### Part B: Small Animals

1. Has any member of your household raised or owned small animals during the **last 6 months**?

1= YES 2= NO (>> PART C)

Type of Livestock	Livestock code	last 6 months,	[…] are owned	: a) by your	your own	did you own	last 6 months,	last 6 months,	months , I many,	now	the last 6 months,	raise durin		Did you sell the last 6 m		were slaughtered		]?
		member of your household raised or owned any	at your away? but not by your househ now?	resent farm or b) kept owned old	would you treceive from the sale?	exactly 6 months ago (present or away)?	were born or graduated	received	Died?	Got lost?	how many were given away as gifts?	IF NONE WRITE 0,	bought	IF NONE WRITE 0,	Total sales value of all sold	in the last 6 months ?	Perso	n ID f up to
2	3	4	5a	5b	6	7	8	9	10a	10b	11	12	13	14	15	16	17a	17b
EXOTIC/CROSS																		
Male goats	13																	
Female goats	14																	
Male sheep	15																	
Female sheep	16																	
INDIGENOUS																		
Male goats	17																	
Female goats	18																	
Male sheep	19																	
Female sheep	20																	
Pigs	21																	

# SECTION 6 CONT'D

## Part C: Poultry and Others

1. Has any member of your household raised or owned poultry, bees or other domesticated birds during the **last 3 months**?

1= YES		
2= NO	(>> SECTION 7)	

Type of Livestock	Livestock code	last 3 months, has any member of your household raised or owned any []? 1= Yes	[] are owned househ now (property of the property of the property of the property owned by your househ now?	e: a) by your hold resent farm or b) kept owned	sell one of your own [] today, how much would you receive	did you own exactly 3 months ago	last 3 months , how many were born or graduated	last 3 months , how many were received	During the months , ho Died/ Got destroyed?	w many, Got	the last 3 months, how many were given away as gifts?	raise durin months? Number bought IF NONE WRITE 0,	Total purchase value of all bought  INCLUDING VALUE OF INKIND PAYMENTS  UShs	Number sold  IF NONE WRITE 0,	ast 3 months?	slaughtered in the last 3 months?	[]?	ID No.
2	3	4	5a	5b	6	7	8	9	10a	10b	11	12	13	14	15	16	17a	17b
Rabbits	31																	
Backyard chicken	32																	
Parent stock for broilers	33																	
Parent stock for layers	34																	
Layers	35																	
Pullet chicks	36																	
Growers	37																	
Broilers	38																	
Turkeys	39																	
Ducks	40																	
Geese and other birds	41																	
Beehives	42																	

## **SECTION 7: LIVESTOCK EXPENDITURE**

#### TO BE FILLED IN IF THERE IS CODE 1 IN QN 1 OF EITHER SECTION 6A, 6B OR 6C

In the last 12 months, have you had any of the following expenditures related to livestock?

Type of Expenditure	Expenditure code	Did you spend on any []?	Cash value (if in kind, give estimated cash value)
		1= Yes 2= No <b>(&gt;&gt; NEXT TYPE)</b>	
1	2	3	4
Hired labour for herding	1		
Livestock/poultry feed	2		
Veterinary services/medicine	3		
Other expenses (Specify)	4		

CECTION 0.	LIVEO	FOCK DD		ICTC AND	NCO	ME.							
SECTION 8:	LIVES	IOCK PR	ODU	CIS AND	INCOI	VIE							
Did you produce any livestock products in this household in the past 12 months?  1 = YES  2 = NO (>> 11)													
IF YES, FILL THE	TABLE	BELOW.											
Average production per month (during production months)  Live- stock  Number of production months in the past 12  Live- stock  Number of production months in the past 12  Live- stock  Number of production months in the past 12  Live- stock  Number of production months in the past 12  Live- stock  Number of production months in the past 12  Live- stock  Number of production months in the past 12  Average sales per month (during production months)  Production months in the average consumption per month (during production months)  Production months in the average consumption per month (during production months)  Production months in the past 12  Live- stock  Number of production months in the average consumption per month (during production months)  Production months in the average consumption per month (during production months)  Production months in the average consumption per month (during production months)  Production months in the average consumption per month (during production months)  Production months in the past 12  Average sales per month (during production months)  Production months in the average consumption per month (during production months)  Production months in the average consumption per month (during production months)  Production months in the average consumption per month (during production months)  Average sales per month (during production months)  Production months in the average consumption per month (during production months)  Average sales per month (during production months)  Production months in the average consumption per month (during production months)  Average sales per month (during production months)  Average sales per month (during production months)  Average sales per month (during per month (during production months)  Average sales per month (during per month (during production months)  Average sales per month (during per month (during production months)  Average sales per month (during per month (during production months)  Average sales per month (during per month (during p													
Livestock Product	stock product ID	the past 12 months  If 0 >> Next product	Qty	Unit of Prod. 1=Kgs 2=Litres 3=Trays 4=Numbers 6=Other (specify)	Qty	Total value in <b>UShs</b>	months) from own production?	Record Person Nos. (Up to	n ID	local market/village 3= Private trader in district market 4= Consumer at market 5= Neighbor/ Relative 6= Other (specify)			
1	2	3	4	5	6	7	8	9a	9b	10			
Cow Milk	1												
Goat Milk	2												
Sour Milk	3												
Ghee	4												
Eggs	5												
Honey	6												
Beef	7												
Chicken	8												
Goat Meat	9												
Mutton	10												
Pork	11												
Other Meat	12												
Hides and Skins	13												
Blood	14												
Other (specify)	15												
11. Did you get any income from hiring out oxen/donkey/mule during the last 12 months?  1= Yes  2= No (>> NEXT SECTION)  12. How much did you get? (Record cash value. If in kind, give estimated cash value) (UShs)													
•	- •			-		, ,							

# **SECTION 9: EXTENSION SERVICES**

	SOURCE	Did anyone in this household receive advice/information for about agricultural/ livestock activities from any of the following sources in the past 12	m ad	embers lvice/in	ouseho s receiv formation	red on?		W	as the advice	e from [SOUR 1 = Yes 2 = No	CE] about	?	
		months?  1 = Yes 2 = No (>> Next Row)	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	Agricultural production	Agricultural prices	Agro- processing	Marketing	Fishing production	Livestock production	Prevention of Livestock diseases
1	2	3	4a	4b	4c	4d	5a	5b	5c	5d	5e	5f	5g
1	NATIONAL AGRICULTURAL ADVISORY SERVICES (NAADS)												
2	INPUT SUPPLIER												
3	NGO												
4	COOPERATIVE/FARMER'S ASSOCIATION												
5	LARGE SCALE FARMER												
6	OTHER (SPECIFY)												

# SECTION 9 CONT'D: EXTENSION SERVICES

	SOURCE		How many times did someone from [SOURCE] visit any of the household's plots in the past 12 months?  Number  Solicited visits		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?	How would you rate the advice received?  1 = Good 2 = Average 3 = Bad
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						_	
6	OTHER (SPECIFY)						

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

SECTION 10: FARM IMPLEMENTS AND MACHINEY

SE	CTION 10: FARM IM	PLEMENTS AN	ID MACHINEY						
		How many [ITEM]	What is the total	How	Did your	What was the main	Did your	How many	How much did your
	•	does your	estimated value of	many	household	reason for not using	household	[ITEM] did	household pay to rent or
		household	all [ITEM] owned by	[ITEM] did	use the	the [ITEM]?	rent or borrow	your	borrow [ITEM] during the
		currently own?	your household?	your	[ITEM]		any [ITEM]	household	last 12 months?
		IE NONE DECORD		household	during the	1=No need for one	during the last	rent or	FOTIMATE THE VALUE OF IN
		IF NONE, RECORD ZERO AND SKIP		own	last 12	2=Needs repairs	12 months?	borrow	ESTIMATE THE VALUE OF IN- KIND PAYMENTS
		TO 3.		exactly 12 months	months?	3=Lent to others 4=Rented to others	1=Yes	during the last 12	KINDTATMENTO
				ago?	1=Yes(>>6)	5=Other(Specify)	2=No	months?	
				ago:	2=No	3=Other(Opechy)	(>>NEXT	1110111113:	
					2-110	THEN >> NEXT ITEM	ITEM)		
		Number	Total Estimated	Number			,	Number	Total Estimated Value
			Value (in UShs)						(in UShs)
ITEM	ITEM	,		_	_	_		_	, ,
CODE	NAME	1	2	3	4	5	6	7	8
2	Hoe Ploughs								
3									
4	Pangas Slashers								
5 6	Wheel barrows Tractor,								
7	Watering cans								
8	Pruning knives								
-									
9	Pruning saws Chain/band saws								
11	Sheller								
12 13	Spade Fork hoe								
14									
	Ox-plough Trailer								
15									
16	Harrow/cultivator								
17	Weeder Planter								
18									
19	Sprayer								
20	Pail								
21	Milk can								
22	Other (SPECIFY)								

END TIME: (1 <sup>ST</sup> VISIT)	END TIME: (2 <sup>ND</sup> VISIT)			