

# Uganda Bureau of Statistics



# THE UGANDA NATIONAL PANEL SURVEY 2019/20 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													
wn Counc	:il												
5. EA													
							•						
6. LC Name  7. Rural/Urban ( <i>Urban =1; Other Urban =2; Rural =3</i> )													
ıd													
14. Weather Condition 1=Clear/Sunny 4=Mostly Cloudy													
2=Mostly Clear/Mostly Sunny 5=Completely Cloudy													
	Other Urb	wn Council  Other Urban =2	wn Council  Other Urban =2; Rural  Id  1=Clear/Sunny 2=Mostly Clear/Mostly	wn Council  Other Urban =2; Rural =3)  Id  1=Clear/Sunny 2=Mostly Clear/Mostly Sunny	wn Council  Other Urban =2; Rural =3)  Id  1=Clear/Sunny 2=Mostly Clear/Mostly Sunny 5=Cor	wn Council  Other Urban =2; Rural =3)  Id  1=Clear/Sunny 4=Mos 2=Mostly Clear/Mostly Sunny 5=Complete	wn Council  Other Urban =2; Rural =3)  Id  I=Clear/Sunny  4=Mostly Cloud	wn Council  Other Urban =2; Rural =3)  Id  1=Clear/Sunny 4=Mostly Cloudy 2=Mostly Clear/Mostly Sunny 5=Completely Cloudy	wn Council  Other Urban =2; Rural =3)  Id  I=Clear/Sunny 4=Mostly Cloudy 2=Mostly Clear/Mostly Sunny 5=Completely Cloudy	wn Council  Other Urban =2; Rural =3)  Id  I=Clear/Sunny 4=Mostly Cloudy 2=Mostly Clear/Mostly Sunny 5=Completely Cloudy			

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

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SECTION 1B: STAFF DETAILS AN	D SURVEY TIME													
CODE(1 <sup>ST</sup> visit)	CODE(2 <sup>ND</sup> visit)													
1. NAME OF INTERVIEWER:														
2. DATE OF INTERVIEW:	·													
D D M M Y Y Y Y	DD MMYYYY													
3. NAME OF SUPERVISOR:														
D D M M Y Y Y														
D D M M Y Y Y Y														
5. STARTING TIME:														
1 <sup>ST</sup> VISIT														
	2 <sup>ND</sup> VISIT													
6. RESPONSE CODE: 1 <sup>ST</sup> VISIT														
Response Code (QN 6):														
1. Completed														
<ul><li>2. Partially done</li><li>3. Not done (&gt;&gt; 8)</li></ul>														
7. RESPONSE CODE: 2 <sup>ND</sup> VISIT														
Response Code (QN 7):														
<ol> <li>Completed (&gt;&gt; 9)</li> <li>Partially done (&gt;&gt; 9)</li> </ol>														
3. Not done														
8. IF THE HOUSEHOLD IS NOT ABLE TO PARTICIPATE IN THE SURVEY,														
	ved to another village/town/district 7 ved to a neighbouring country 8													
	ted to unknown location 9													
	sferred due to work/ education 10													
· ·	ettled home from the camp 11													
Dwelling destroyed 6 Mov	ved to another camp 12													
9. GPS COORDINATES:														
N=1 S=2 <b>D M</b>														
LAT														
LONG TO THE TOTAL														
LONG														
10. REMARKS:														

#### SECTION 2A: CURRENT LAND HOLDINGS- SECOND/FIRST 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 second season 2018 ( <u>July – Dec 2018</u>) and the first cropping season 2019 ( <u>Jan. 2019</u>). Please include land belonging to this household that was rented or lent out to another household.

During the second completed cropping season of 2018: (July – Dec. 20:	8) and the first cropping season of 2019: ( Jan – Jun 2019), 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)

	Record			LOCA	ATION					OWNERS	SHIP		USA	GE
Р	respondent									ONLY FOR NEW	PARCELS			
Α	ID for	Parcel	Has size	Size of th			Why was	ONLY FOR	Tenure	How did you	In which	Do you	What was	
R	each	Name	of [PARCEL]	in acres?		GPS	GPS not	NEW	system	acquire this	year did you	currently	primary u	
С	parcel	COMPLETE THIS	increased,			Coordinates	captured?	PARCELS: Location:	1=Freehold 2=Leasehold	parcel?	first acquire this parcel?	have access	parcel dur	_
E		COLUMN	remained						B= Mailo	1= Purchased	this parcer	to the	two cropp	ing
l L		FOR ALL	the same						4=Customav	2= Inherited or		parcel? "Access"	seasons?	
Ι.		PARCELS	or decrease					take to	96=Other	Received as	Record	refers to		
D		THEN ASK COLUMN 5-	d since last				1=Outside of LC1	travel from	(specify)	gift	999 if	ownership	1= Own Cul (annual cro	
1 5		25 FOR	Wave?				2=Inside	the		3= Leased- in	household	rights to the	2= Own Cult	
		EACH	1=Increased				LC1 but	homestead to this		4= Just walked in	has always had the land	parcel.	(perennial o	rops)
		PARCEL BEFORE	2=Remained				owner	parcel?		(cleared)	ilau tile lallu		3= Rented-	
		GOING TO	the same				refused 3=Inside	parcer:		5= Do not		1=Yes 2=No	4=Cultivate tenant>>14	
		THE NEXT	(>> 10) 3=Decreased				LC1 but not	1= Less		know		Z-1NO	5=Fallow	
		PARCEL. COLUMN 4	3-Decreased				accessible	than 15min		6= Given by			6=Pasture	
		IS FILLED					96=Other	2= 15mn -		local authorities			7=Woodlot	
		IN AFTER THE			specify	30mn		7=Given by			96=Other (s	pecify)		
		INTERVIEW		GPS	Farmer			3= 30mn - 60mn		Gov't			July-Dec	Jan-Jun
				With two	estimation			4=1 -2hours		96= Other				
				decimal digits	with two decimal			6=Over 2		(specify)			2018	2019
				uigits	digits			hours						
2	5.1	3	3.1	4	5	5.2_2	5.2_1	6	7	8	9	10	11a	11b
01														
02														
03														
04														
05														
06														
07														
08														
09														

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

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

P A				USAGE				DINGS				L AND WATER			INTERVIEWER: CONFIRM ONLY IF THE HH FORMERLY DID NOT HAVE A DOCUMENT	
R C	Parcel Name <b>COPY</b>	If 11 = 5		_	If 11= 1 c 11=2	or	l'	main	use of	What is the main	last	If Yes in q20, what was the	Is there a erosion water ha	control/	Does this parcel have a formal certificate of title or	In which year did your household
E L D	PARCEL NAME FROM PREVIO US PAGE	What type of fallow was /is being used during the two cropping seasons?  1 = Fallow with cover crop 2 = Fallow with residue Incorporation 3 = Bare fallow  2nd 1st croppin g season g season		How much rent did you or will you receive (if share-cropped – out give the estimate d cash value) during the		l did 'plant?	or semi-	or str RECO TO 2 RESPO 1=Res	ONSES idential n/Stable m ngs	water source to this parcel? 1=Irrigated 2= Rain- fed (>>20) 3= Swamp/ Wetland (>>20)		was the cause of these erosion problems? 1= Terrain 2= Flooding 3= Wind 4= Animals 5= Cultivation 6= Other (specify)	facility of parcel?  List two A = Terrai C = Gabio sandbags D = Vetivit E = Tree b F = Water bunds G = Draina ditches I = None J=Stone b K=Earth b	main ces ns/ er grass celts harvest	customary certificate of 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 (>> 32a)	acquire the formal title or certificate for this parcel?
		croppin g season	croppin g	two seasons? <b>UShs</b>	g	1st cropping season 2019		1ST	2ND							YEAR
2		12a	12b	14	15a	15b	28	29a	29b	18	20	21	22a	22b	23	31
01																
02																
03																
04																
05								<u> </u>								
06																
08																
09																
10																

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

Р						RIGHT	S							LAND	ISSUES		
A R C E L I D	member's name is on the title/certificate?  Record IDs of up to 2 persons		Does your household have other documents (semi-formal) that would provide proof of ownership to this parcel?  1=Yes 2=No (>> 24a)	What ty informa docume your ho possess LIST UP 1=Inherit Letter 2=Gift/E: paper 3=Sales I 4=Surve; 5=Gov't paper 6=Tax re 7=Utility 96=Othe	tance  ceipt plan ceipt plan ceipt plan ceipt plan ceipt	e on	Who had Owners rights to parcel?  Record of up to person:	ship o this	Who ca decide whethe sell this parcel of it as collater Record of up to persons	er to or use ral? IDs	Do female children have the right to inherit this parcel?  1=Yes: Equally as male children 2=Yes: But less than male children 3=Yes: But more than male children 4=Yes: But no male children 5=No female children 96=Not at all	Have you ever been concerned that somebody might dispute your ownership/ use rights on this parcel?  1=Yes 2=No	Did you have any land dispute or disagreements with anyone over this parcel/property during the past 12 months?  1=Yes 2=No (>>37)	What was the nature of the main dispute or disagreement?  1=Boundary 2=Ownership: Inheritance related 3=Ownership: Sales related 4=Ownership: Expropriation 5=Ownership: Other 6=Rental related 96=Other (specify)	How likely do you think that there would be disagreement over the ownership rights to this parcel in the next 5 years with a private party (excluding expropriation by the government)?  1=Not at all (0%) (>> 39) 2=Somewhat likely (25%) 3=Likely (50%) 4=Very likely (75%) 5=Certainly, for sure (100%)	What is the main concern?  1=Boundary 2=Ownership: Inheritance related 3=Ownership: Sales related 4=Ownership: Other 5=Rental related 96=Other (specify)	[FOR PARCELS OWNED BY THE HOUSEHOLD]  If you wanted to sell this property today, how much would you receive for it?  UGX
2	26a	26b	32	33a	33b	33c	24a	24b	27a	27b	34	25	35	36	37	38	39
01																	
02																	
03																	
04																	
05																	
06																	
07																	
08																	
09																	
10																	

#### 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.

1. During the second cropping season of 2018 (Jul. – Dec 2018) and the first cropping season of 2019: (Jan –Jun. 2019), has your household had access (use rights) to agricultural land including woodlots and forest land belonging to someone else?

1= YES 2=NO (>SECTION 3)

P A	Record respondent				LOCAT	ΓΙΟΝ						OWNERSHI	P		USA	.GE
R C E L I D	ID for each parcel	Parcel Name  COMPLETE THIS COLUMN FOR ALL PARCELS THEN ASK COLUMN 5-21B FOR EACH PARCEL BEFORE GOING TO THE NEXT PARCEL. COLUMN 4 IS FILLED IN AFTER THE INTERVIEW.	Does the household still access this parcel through use rights?  1= Yes >> 10 2= No >> next parcel  Ask for only previous USE RIGHTS parcels  PRELOAD INFORMAT FOR COL 4 TO 8 IF YES col 14, 17	Has size of [PARCEL] increased, remained the same or decrease d since last Wave? 1=Increased 2=Remained the same (>> 10) 3=Decreased	acres?	Farmer estimation with two decimal digits	GPS Coordinates	Why was GPS not captured? 1=Outside of LC1 2=Inside LC1 but owner refused 3=Inside LC1 but not accessible 96=Other specify	ONLY FOR NEW PARCELS: Location: How long does it take to travel from the homestead to this parcel?  1= Less than 15min 2= 15mn - 30mn 3= 30mn - 60mn 4=1 - 2 hours 6= Over 2 hours	Tenure system  1= Freehold 2= Leasehold 3= Mailo 4=Customary 96= Other (specify)	How did you acquire this parcel?  1=Agreement with land/use rights owner  2= Without agreement with land/use rights owner  96= Other (specify)	How much rent did you or will you pay in to the land owner during the two cropping seasons?  WRITE "0" IF NONE.  UShs	parcel	Do you have to Renew your use rights to this parcel at least once a year?	primary ip parcel du two crop seasons?  1= Own (annual of 2= Own of (perennic) 3= Rente out >> 14	cuse of the uring the ping Cultivated crops) Cultivated al crops) d-ated by customer the control of the customer than the customer that the customer than the customer that the customer than th
2	5.1	3	3.2	3.1	4	5	5.2_2	5.2_1	6	7	8	9	10	11	12a	12b
21																
22																
24																
25																
26																
27																

Q5.3: Have you listed all parcels for which the household has user rights? 1=Yes 2=No

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

	Parcel Name				SOIL AN	ND WATER	
P A R C E L I D	PAGE		w was /is being vo cropping over crop	the main water source to this parcel? 1= Irrigated 2= Rainfed >>-21	During the last completed season, were there any problems with erosion in this parcel?  1=Yes 2=No (>>21a)	If Yes, what was the cause of these erosion problems?  1= Terrain 2= Flooding 3= Wind 4= Animals 5= Cultivation 96= Other (specify)	Is there any erosion  control/water harvesting facility on this parcel?  List two main  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
2	3	12a_1	12b_1	18	20	21	22a
21							
22							
23							
25							
26							
27							
28							

#### SECTION 3A: AGRICULTURAL AND LABOR INPUTS – FIRST VISIT

Ask some questions about the quantity and value of inputs used (both labour and non-labour) on the plots cultivated during the second cropping season of 2018 (JUL- DEC 2018).

		INSTRUCTION: IF	Size of the		PLOT MANAGEMENT	ī		
P A R C E L I D		PLOT IS USED TWICE IN A SEASON CONSIDER THEM AS SEPARATE PLOTS  P L O T	plot	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 2018?  1=Single 2=Multiple (>> 3.4)	Who was the primary decision maker on the plot during the 2 <sup>nd</sup> cropping season of 2018?  [>> 3A]	Who were the demakers on the plud of the p	ot during ? P TO TWO
1	2	3	4_1	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 labour and non-labour) on the plots cultivated during the second cropping season of 2018 (JUL- DEC 2018).

Р	Parcel Name	Р	Plot size	Was					ORGAN	IIC FERTILIZERS			INORG	GANIC/CHEN	IICAL FE	RTILIZE	RS
Α		L		the plot													
R C E L D		O T I D		prepara tion for plantin g? 1=Yes 2=No	use any	What the quanti used?	ity ITRE		How much was purchased ? KGS	What was the value of the purchase?  UShs	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 96= Other (specify)	What was the main source of organic fertilizer used on the Parcel/plot?  1=Own livestock 2=Own crop residues 96=Other (Specify)  For response 2 in q6	inorganic/ chemical fertilizer	1= Nitrate 2=Phospha te 3= Potash		RF	Was any of This purchased? 1=Yes 2=No (>>22)
						Unit of qty 1=Kg 2=Lts	QTY								Unit of qty 1=Kg 2=Lts	QTY	
1	2	3	4_1	3a	4	4a	5	6	7	8	9	12	13	14	14a	15	16
																1	
																<u> </u>	

### SECTION 3A CONT"D: INPUTS - FIRST VISIT

Ask some questions about the quantity and value of inputs used (both labour and non-labour) on the plots cultivated during the 2<sup>nd</sup> cropping season of 2018 (JUL - DEC 2018).

Р	Parcel Name	Р		NIC/CHEMICAL FERTIL			sour for the plots carrie	PESTIC	IDES			·
A R C E L		L O T I D		What was the value of the purchase?  UShs	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= Neighbour/ Relative	on the parcel/plot?  1=Yes 2=No (>>	What type was used?  1=Insecticides 2=Miticides/Acaricides 3= Fungicides 4= Growth regulators and harvest aids 5= Rodenticides 6=Nematicdes/Molluscicides 96=Other (Specify)	What was the Quantity used?		Was any of this purchased? 1=Yes 2=No (>> <b>33a)</b>	quantity was purchased? (Use unit of qty from 24a. Should relate to qty	What was the value of the purchase?
					96= Other (specify)	33a)		1=Kg 2=Lts	Qty		reported in 24b)	
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 labour and non-labour) on the plots cultivated during the 2nd cropping season of 2018.

Р	Parcel Name	Р	PESTICIDES/HERBICIDES	FAMILY LABOUR										HIRED LABOUR				
Α		L	Where did you buy most of it?	Family	/ laboui	for all	tasks d	uring JU	L TO DEC c	of 2018: su	ch as land			Hired labour for all ta	sks durin	g the JU	JL- DEC	of 2018:
R		0		prepa	ration a	nd sov	ing, in	out appli	cation, we	eding and	pruning, h	arvesting,		such as land preparat	ion and s	sowing,	input ap	plication,
С		Т		etc.										weeding and pruning	, harvest	ing, etc.		
E			1= Government/ LC						r									
l L			2= Private trader in local			ers of t			How man		each perso			Did you hire any	For this	•		How much did you
		D	market/village 3= Private trader in district	house	hold w	orked c	n this p	olot?		(i	n the seaso	on)		labour to work on	many da		/ou	pay including the
1			market									this plot during JUL	hire in?			value of in-kind		
D			4= Fellow farmers	Ι.		4 5	up to 5 ID Nos of						TO DEC of 2017?				payments for these days of	
			5= Neighbor/ Relative	·			worked							1=Yes	D.	erson da		labor?
			96= Other (specify)		tiios	e wiio	worked							2=No (>> NEXT	M= Mer		iys	IdDOI :
														SECTION)	W= Woi			UShs.
														Section	C= Child			03/13.
															C Cimo			
															М	W	С	
1	2	3	28	33a	33b	33c	33d	33e	33a_1	33b_1	33c_1	33d_1	33e_1	34	35a	35b	35c	36
				-														
					ļ													<u> </u>
				-	<u> </u>													<u> </u>
																	<u> </u>	

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

1. Did you grow any crops in JULY TO DEC of 2018?	1 = YES	2 = NO (>> SECTION 3B)	
Ask about all crops, including perennial crops (e.g. fruits) and fallow land f	for the parcels <b>whic</b>	h were farmed by the household during the LAST	CROPPING SEASON. Start with a parcel, plot and

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

P A R C E L I D	Parcel Name	P L O T I D	Crop Name	Crop Code (See Manual)	respond ents for each crop	the total area of [PLOT] planted? SHOULD NOT ANSWER	on the [PLOT]?		the creplante	op ed? DE S FOR TH IN CATIO	Did you use any seed/seedli ngs? 1=Yes 2=No (>> Next crop)	How mu seed did use for t [CROP]?	l you his	How muc would yo used for t [CROP] if planted it stand on [PLOT]? ENABLED SURVEYSO CROP IS P A MIXED PLOT	u have this you had pure this IN OLNS IF	What type of seed/seedlings did you use for this [CROP]?  1= Traditional (>> 10)  2= Improved	improved seed did you use for this [CROP]? 1= Certified 2= Quality declared	purchase any seed/ seedlings for this crop?	IF Q10=1  How much did you pay (cash & in-kind payments) for all purchased seeds/seedlings used for this [CROP]?
									ММ	YYYY		Qty	UNIT	QTY	UNIT				
2	3	4	5	6	6.1	7	8	9	9.1	9.2	16	11A	11B	12A	12B	13	14	10	15
			1		1														
					†														
					†														
			1		1									1					
			1																
			1		1									1					
			1		1									1					

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 second season of 2018 (second Cropping Season of 2018).

P A R C E	Parcel Name	P L O T	Crop Name	Crop code See manual	responden ts for each crop	?	1= Yes, fully harvested 2= Yes, partially	Season of E IF THE ENT BEFORE HA TO COL.22 *list up to following of	2018 and in v FIRE CROP W ARVEST WRIT 2 conditions questions for	re "00" AND and a per plot/croeach of the o	on/state?  SKIP  p and ask the conditions	6=Jun 7=Jul 8=Aug 9=Sept 10=Oct 11=Nov 12=Dec	what m	onth did	the	decisions Concerning the use of the crop output made by a single HH member or made	tne use of crop output?	Who are the decision ma concerning to crop output	kers the use of
							harvested 3=No	Unit Code	Qty	/state	Conversion factor into kg?	Beg	in	Er	d		Go to 7a		
												MM	YY	MM	YY		Personal ID	Personal ID	Personal ID
1	2	3	4	5	5.1	5.2	5.3	6b	6a	6с	6d	6e	6e.1	6f	6f.1	6a1	6a2	6a3	6a4
						_	_		·	_								_	
						_	_		·	_								_	

### SECTION 5A CONT"D: QUANTIFICATION OF PRODUCTION-- FIRST VISIT

P A R C E	<b>Cop</b> Parcel Name	P L O T	n previous p Crop name		IF NONI QUANT GO TO Qty	ich of the [ ed during the of 2018 was condition/st E, WRITE 0 IN ITY AND 12 Condition/ State Code	e 2 <sup>nd</sup> sold and rate?	What was the value? UShs	largest part?  1=Government/LC  2= Private trader in local market/ village  3= Private trader in district market  4= Consumer at market  5= Neighbor/	(If nothing was spent on transport, record 0)	decisions concerning the use of the earnings from the crop sales	decision maker concerning the use of	Who we the de maker concer the use earnin the cro	cision s ning e of g from	How much of the [] harvested during the 2 <sup>nd</sup> season of 2018 was given out as gifts or reimburse ments for land, labour, oxen etc?	How much of the [] harvested during the 2 <sup>nd</sup> season of 2018 has already been consumed by your household?		during the of 2018 o produce food or sale and feed?
L I D		I D										<b>GO TO 12</b> Record ID	ID	ID	Qty	Qty		
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

P A R C E L I D	Copy f	P L O T I D	vious page  Crop Name	Crop Code See Manual	the <b>SEED</b> from the [] harvested during the 2nd season of 2018 was saved for seed? <b>Qty</b>	if no loss, skip to Col. 18	main reason for the loss? 1= Insects 2= Rodents 3= Flood 4= Stolen 96=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)	stored crop? 1=Yes 2=No (>> 21)	you do? 1= Spraying 2= Smoking 3=Chemical pepper 4=Sun- drying 96= Other (specify)	How much of the [] harvested during the 2nd season of 2018 is still being stored by your Qty (If 0, go to 23a	was no harvest i.e. 0 in Col. 6a, what was the main reason for the pre harvest loss? 1= Pests 2= Animals 3= Floods 4= Drought 5= Hailstones 96= Other (Specify)	What was the use?  1=Yes — Harv 2=No - Reside the field 3=No-No reside the field 3=No-No reside the field 1=Animal feed to the feel to the	ues? If so, e main  ested ues Left in  dues b) e: d  Other g. Mats)  ecify  USE
1	2	3	4	5	15	16	17	18	19	20	21	22	23a	23b
								-						
			ļ											
				1							<del> </del>			

### SECTION 5A1: QUANTIFICATION OF PRODUCTION – PARTIAL HARVEST

P A R C E L	Parcel Name	P L O T I D	Crop Name	Crop code See manual	responden ts for each crop	immature ? 1= Yes (>> <b>Next crop)</b> 2= No	harvested?  1= Yes, fully harvested 2= Yes, partially	season of 2 IF THE ENT BEFORE HA TO COL.22		hat condition	n/state? SKIP	2=Feb 3=Mar 4=Apr 1 5=May 1 6=Jun 1	what mond? 7=Jul 8=Aug 9=Sept 10=Oct 11=Nov 12=Dec	onth did	the	Were the decisions concerning the use of the crop output made by a single HH member or made jointly by multiple HH members?	primary decision maker concerning the use of crop output?	Who are the decision ma concerning to crop output	kers the use of
								Unit Code	Qty	n /state	Conversion factor into kg?	Beg		En		1= Single member	Go to 7a		I D I
												ММ	YY	MM	YY	2= Jointly (>>6a3)	Personal ID	Personal ID	Personal ID
1	2	3	4	5	5.1	5.2	5.3	6b	6a	6c	6d	6e	6e.1	6f	6f.1	6a1	6a2	6a3	6a4
								<u> </u>											
								<u> </u>											
							<u> </u>	<u> </u>											
							1												

		Cop	y from	previous p	age	How mu	uch of the [ ed during the	] you	What was the value?	Who bought	How much	Were the	Who was the	Who v		How much	How much	How much	
							of 2018 was			the largest part?	was spent on	decisions concerning		maker		of the []	of the [] harvested	harvested 2 <sup>nd</sup> season	of 2019
							vhat condition				transport?	the use of		concei	rning		during the 2 <sup>nd</sup> season	was used t	o produce
										1= Government/		the earnings		the us		during the		processed	food
											(If nothing	from the			gs from	2 <sup>nd</sup> season of 2018	of 2018 has	products fo	
							E, WRITE 0 IN	ı		trader in local	was spent	crop sales	g the use	the cro	ops?	was given	already	for animal	feed?
							ITY AND			market/ village	on	made by a	of			out as gifts	been .		
D	Parc	eal I		Cran	Crop Code	GO TO Qty	12 Condition/	Unit			transport, record 0)	single HH member or	earnings from the			or	consumed by your	Qty Food	/ Animal
A	Nan		Ρ .	Crop name	Crop Code		State	Code		market	record of	made jointly	crop			reimburse ments for	household?		feed
R			L				Code	couc			UShs	by multiple	sales?			land,	nousenoia.	for sale	
С			0		See					market		members?				labour,			
Е			Т		Manual					5= Neighbor/ Relative						oxen etc?			
L			ı							96= Other		1=Single	GO TO 12		1	_	Qty		
D D			D							(specify)		2=Jointly (>> 11g)	Record ID	ID	ID	Qty			
1	2	2	3	4	5	7a	7b	7с	8	9	10	11e	11f	11g	11h	12	13	14a	14b
		F																	
		-	-																
		-																	
		F																	
		-																	
-																			
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		L																	
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				orevious page		the <b>SEED</b> from the [] harvested	of the []	What was the main reason for the loss?  1= Insects 2= Rodents 3= Flood 4= Stolen 96=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	anything to protect the stored crop? 1=Yes 2=No (>>	1= Spraying 2= Smoking 96= Other (specify)	How much of the [] harvested during the 2 <sup>nd</sup> season of 2018 is still being stored by your household?  Qty  (If 0, go to 23a	In case there was no harvest i.e. 0 in Col. 6a, what was the main reason for the pre-harvest loss?  1= Pests 2= Animals 3= Floods 4= Drought 5= Hailstones 96= Other (Cocife)	(e.g. Mats) 96=Other Spec	ues? If so, e main use?  ted es Left in the ues (>>Next  Dther HH Items
P A R C E L I D	1	Parcel Name	P L O T	Crop Name	Crop Code See Manual	15	16	17	drum 5= Unprotected pile 7= In ceiling of dwelling 96= Other (specify)	19	20	21	(Specify)	YES/NO 23a	USE 23b
-	1	2	3	4	5	15	16	1/	18	19	20	21	22	23a	230
-															
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#### **SECTION 3B: INPUTS - SECOND VISIT**

Ask some questions about the quantity and value of inputs used (both labour and non-labour) on the plots cultivated during the first cropping season of 2019

					PLOT MANAGEMENT			
P A R C E L	Parcel Name	P L O T	respondent	Size of the plot (GPS measurement)	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 1st cropping season of 2019?  1=Single 2=Multiple (>>q3.4a)	Who was the primary decision maker on the plot during the 1st cropping season of 2019?  [>> 3A]	Who were decision n the plot d 1st croppi season of (RECORD TWO PER:	nakers on uring the ng 2019? UP TO
1	2	3	3.1	4_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 labour and non-labour) on the plots cultivated during the 1st cropping season of 2019.

	•			iantity and v	value 0	ı ınpu	is used (bi			ir) on the plots cu	itivateu during ti				TERC	
P A	Parcel Name	P L	Was the parcel/					ORGANIC FE	KIILIZEKS			INORGA	NIC/CHEMICAL F	EKIILL	LEK2	
R		0	plot	Did you use	What was		Was any of	How much	What was the	Where did you buy	What was the	Did you use	What type	What		Was any of
С		T	burned in	any <b>organic</b>	the qua	ntity	this	was	value of the	most of it?	main source of	any <b>inorganic/</b>	was used?	was t		this
E		1	preparatio n for	<b>fertilizer</b> on the parcel/	used?		purchased ?	purchased?	purchase?	1= Government/ LC	organic fertilizer used on the	chemical fertilizer on		quan used?	tity	purchased?
		D	planting?	plot?	K	3S		KGS	UShs	2= Private trader in local market	parcel/plot?	the parcel/ plot?	1= Nitrate 2= Phosphate	KG	S	1=Yes
I D			1=Yes 2=No	1=Yes 2=No <b>(&gt;&gt; 13)</b>			1=Yes 2=No <b>(&gt;&gt;</b>			/village 3= Private trader in	1=Own livestock 2=Own crop	1=Yes	3= Potash 4= Mixed			2=No <b>(&gt;&gt; 22)</b>
				, ,			12)			district market 4= Fellow farmer	residues	2=No (>> <b>22</b> )				
					Unit of					5= Neighbor/ Relative 96= Other (specify)	96=Other (Specify)			Unit of		
					qty 1=Kg 2=Lt	QTY					For response 2 in q6			qty 1=Kg 2=Lt	QTY	
1	2	3	3a	4	4a	5	6	7	8	9	12	13	14	13a		16
	_				1		_							1		
													1			
-																
										<u> </u>						

#### SECTION 3B CONT"D: INPUTS - SECOND VISIT

Ask some questions about the quantity and value of inputs used (both labour and non-labour) on the plots cultivated during the 1st cropping season of 2019.

	onie questions abo						TIOH-IADOL	ii) oii tile piots cuit			opping seas	011 01 2019.	
Р	Parcel Name	Р			NIC/CHEMICAL			T		STICIDES	_	T	1
Α		L							What was the	e quantity		What quantity	What was
R		0		was			use any	used?	used?		this	was	the value of
С		Т	plot	purchased?	purchase?		pesticides				purchased?	purchased?	the
E							on the	1=Insecticides					purchase?
L		I		KGS	UShs	2= Private		2=Miticides/Acarici					
		D					t?	des				(Use unit of	UShs
1						market/village		3= Fungicides	_		1=Yes	qty from 24a.	
D							1=Yes	4= Growth	Unit of qty		2=No	Should relate	
						trader in district	2=No (>>	regulators and	1=Kg	Qty	(>>33a)	to qty	
						market	33a)	harvest aids	2=Lts			reported in	
						4= Fellow		5= Rodenticides				24b)	
						farmer		6=Nematicdes/Moll					
						5= Neighbor/		uscicides					
						Relative		96=Other (Specify)					
						96= Other							
						(specify)							
1	2	3	3.1	17	18	19	22	23	24a	24b	25	26	27
						-		-				-	
			1										
					1	1		I				1	
			+						1				+

### SECTION 3B CONT"D: INPUTS - SECOND VISIT

Ask some questions about the quantity and value of inputs used (both labour and non-labour) on the plots cultivated during the 1st cropping season of 2019.

Р	Parcel Name	Р	Record	Pesticides/herbi	1				Fami	y Labou	ır						Hired I	abour	
Α		L	respondent	cides						-									
R		0	for each	Where did you	Famil	y labou	ır for a	ll tasks	during	the firs	t season	of 201	.9: such		Hired labour for al	l tasks d	luring th	e first sea	son of 2019: such
С		Т	plot	buy most of it?	as lan	d prep	aratio	n and s	owing,	input ap	plicatio	n, wee	ding and		as land preparatio	n and so	owing, ir	nput appli	cation, weeding and
Ε					prunii	ng, har	vestin	g, etc.							pruning, harvestin	g, etc.			
L		I		1= Govern-ment/															
		D		LC							any days	did ea	ch perso	n	Did you hire any		s plot h		How much did you pay
				2= Private trader in						work?					labour to work	many	days did	you	including the value of
D				local market/village 3= Private trader in		mem					( in th	e seas	on)		on this plot	hire in	?		in-kind payments for
				district market		hold w	orked	on thi	S						during the first				these days of labor?
				4= Fellow farmer 5= Neighbor/	plot?										season of 2019?	M= M	erson da	ıys	UShs.
				Relative											1=Yes	W= W			03115.
				96= Other (specify	Pacar	d up to	S E ID I	Nos of							2=No <b>(&gt;&gt;NEXT</b>	C= Chi			
				90- Other (specify		who v									SECTION)	C- CIII	idieii		
						•••••	·	•							52011011,	М	W	С	
1	2	3	3.1	28	33a	33b	33c	33d	33e	33a_1	33b 1	33c	33d_1	33e	34	35a	35b	35c	36
										_	_	1	_	1					
					1											1			
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				1	1														
					1											-			

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

	Parcel Name	P	Crop	Crop	Record	What was	What	Approximately	When	was	Did you use	How	much	How	much	What	What type	Did you	IF Q10=1
	Parcei Name	$\begin{bmatrix} 1 \\ 1 \end{bmatrix}$	Name		responders	the total	type of	What	the cro		any seed/	seed	4:4	seed v	would you	type of	of	purchase	Hannanah did
_		닎	ivame			area of		percentage of	plante	d?			uiu ise for	have ı	used	seed did		any seed	How much did
P					for each			the [PLOT]				ı ·	126 101		is [CROP] if			for this	you pay
Α		ľ		(See	crop			area was				this			ad planted			crop?	including the
R				Manual)			[PLOT]?					[CROP]	?		e stand on		for this	'	value of in
						ANSWER	, .		INCLUDE							1=Traditio	[CROP]?	1=Yes	
С		П				SHOULD	1= Pure	under this	CODES F MONTH	OR IN	1=Yes				•		1=Certified	2=No (>>	kind
Е		D					Stand (>>9)	[CROP]?	APPLICA		2=No (>>					/ >>1F\	2= Quality	Next	payments for
L						VARY	2= Mixed				Next crop)					2=Improve	declared	СГОР	all purchased
							Stand									z-improve	3= Don't		seeds/
1						CROPS ON								ENABLE	D IN	u	Know		seedlings
						PLOT.													3 - 2
D						THE SAME								IS PART MIXED S	OF A FAND PLOT				used for this [CROP]?
						(ACKES)			MM	YYYY		QTY	UNIT	QTY	UNIT				[66.].
_		4	5	6	6.1	7	8	9	0.1	0.2	16	11A	11B	12A	12B	12	14	10	15
2	3	4	5	ь	6.1	,	8	9	9.1	9.2	16	IIA	118	IZA	128	13	14	10	15
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### 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 first season of 2019 (first cropping season of 2019).

P A R C E L		Parcel Name	P L O T	Crop Name	code	for each	immature? 1= Yes (>> Next crop)	Was [crop] harvested?  1= Yes fully harvested 2= Yes, partially harvested 3=No	How much [season of 20] IF THE ENTIL BEFORE HAI SKIP TO COI	019 and in w RE CROP WARVEST WRIT	hat conditi AS LOST E "00" ANE	on/state?	1=Jan 2=Fek 3=Ma	arvest at mo 7= 0 8: r 9= - 10= y 11= 12:	begi nth d end? =Jul =Aug =Sept =Oct	did n? lid ?	decisions concerning the use of the crop output made by a single HH	primary decision maker concerning the use of	Who are t decision n concernin of crop ou	nakers g the use itput?
										/state code		factor into kg?		YY		YY	members?  1= Single member 2= Jointly (>>6a3)	Personal ID	Personal ID	Personal ID
	1	2	3	4	5	5.1	5.2	5.3	6a	6c	6b	6d	6e	6e.1	6f	6f.1	6a1	6a2	6a3	6a4
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			$\vdash$										-							
					<del>                                     </del>								1			1				
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L												1						1		

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

	Copy fr	om pre	vious page		you ha the firs was so conditi	rvested do rvested do it season o Id and in v on/state? IE, WRITE TITY AND 12	uring of 2019 what <b>0 IN</b>	UShs	the largest part? 1=Government/ LC 2= Private trader in local market/ village 3= Private trader in district market 4= Consumer	was spent on transport? (If nothing was spent on transport, record 0)	Were the decisions concerning the use of the earnings from the crop sales made by a single HH member or	the primary decision maker concernin g the use of earnings from the crop	Who we the de maker conce the us earnin from to crops?	ecision rs rning e of ng :he	How much of the [] harvested during the first season of 2019 was given out as gifts or reimburse	How much of the [] harvested during the first season of 2019 has already been consumed by your household?	How much harvested first seaso was used t processed products f for animal	during the n of 2019 to produce food or sale and feed?
P R C E L I D	Parcel Name	P L O T	Crop name	Crop Code See Manua	Qty	Conditi on/Stat e Code	Unit Code		at market 5= Neighbor/ Relative 96= Other (specify)	UShs	made jointly by multiple members?  1=single 2= jointly (>> 11g)	ID		ID	ments for land, labour, oxen etc? <b>Qty</b>	Qty	products for sale	Animal feed
	2	3	4	5	7a	7b	7с	8	9	10	11e	11f	11g	11h	12	13	14a	14b
											-							
											-							

	Copy from pre	vious i	page		How much of	What	What was	What is your	Did you do	What did	How much	In case there	Did you han	
	copy monitiple				the <b>SEEDS</b> from the [] harvested during the first season of 2019 was saved for seed?	percentage of the [] harvested during the first season of 2019 did you lose or waste after harvest?  (%)	the main reason for the loss? 1= Insects 2= Rodents 3= Flood 4= Stolen 96=Other (specify)	main method of storage for this crop?  1= Locally made traditional structure 2= Improved locally made structure 3= Modern store	anything to protect the stored crop?  1=Yes 2=No (>> 21)	you do?  1= Spraying 2= Smoking 3= Other (specify)	of the [] harvested during the first season of 2019 is still being stored by your household?  Qty	was no harvest i.e. 0 in Col. 6a, What was the main reason for the pre- harvest loss? 1= Pests 2= Animals	CROP] resid What was th L=Yes - Harva Residues Left	lues? If so, ne main use? ested 2=No - in the field idues (>>Next
	Parcel Name	P L O T	Crop Name	Crop Code See Manual	Qty -	If no loss, skip to Col. 18		4= Sacks/ open drum 5= Airtight drum 6= Unprotected pile 7= In ceiling of dwelling 96= Other (specify)			(If 0, go to 23a	B= Floods 4= Drought 5= Hailstones 96= Other (Specify)		Other HH Item
1	2	3	4	5	15	16	17	18	19	20	21	22	23a	23b
		•	•	-	<u>'</u>	•		-	-	•	-			
														1
				1	1									

#### **SECTION 6A: CATTLE AND PACK ANIMALS**

		1. Has any membe	er of your household	d raised or o	owned cattle	and pack an	imals during	the last 12 month	ıs?	[_	]	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 *+  1 = Yes 2 = No (>> Next Animal)	How many *+ are owned by your household now (present at your farm or away)?  Number  (If none write 0, go to 4a)	Who own  Record u  Person II	•	Who keeps that your h owns? Record up Person IDs For non-HI write 97	nousehold to 2	Does anyone outside the household keep [] that your household owns?	How many *+ are kept but not owned by your household now?  Number  (If none write	Who k the [ your house keeps owns?	] that nold but not	Has your household hired any labour for keeping / herding [] in the last 12 months?  1 = Yes 2 = No (>> 6)	What is the main type of labour employed while keeping *+?  1 = Family 2 = Hired Casual 3 = Hired Permanent	How much did you pay to the paid labour for keeping /herding [] in the last 12 months?
		2	3a	3b	3c	3d	3e	3f	0, go to 5a) 4a	4b	4c	5a	5b	5c
EXOTIC/CROSS														
Calves	1													
Bulls	2													
Oxen	3													
Heifers	4													
Cows	5													
INDIGENOUS														
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	Livesto ck code	How many [] did you own exactly 12 months ago (prese nt or away)?	During the last 12 months, how many [] were born or graduate d to?  Number (write 0 if none)	During the last 12 months, How many were received as gift or payment for some service provided ? Number (write 0 if none)	During the last 12 months, how many were given away as gift or payment for some service received?  Number (write 0 if none)	During the last 12 months how many [] were lost to theft?  Number (write 0 if none)	During the last 12 months, How many [] were lost to injury, accident or natural calamity?  Number (write 0 if none)	During the last 12 months how many [] were lost to disease?  Number (write 0 if none)	1 '	What was, on average, the value of each [] bought?	Did you sell any alive [] during the last 12 months ?  Number (write 0 if none)	What was, on average, the value of each [] sold?	Did you slaughter any [] during the last 12 months ? Number (write 0 if none)	What the tv princi reaso why t house posses or rai these	vo pal ns he chold sed sed []?	What is the main purpose of livestock products originating from []?  1=Subsistenc e 2=Commerci al 96= Other, Specify
		6	7	8	9	10	11	12	13a	13b	14a	14b	15	15 b	15 c	16
EXOTIC/CROSS																
Calves	1															
Bulls	2															
Oxen	3															
Heifers	4															
Cows	5															
INDIGENOUS																
Calves	6															
Bulls	7															
Oxen	8															
Heifers	9															
Cows	10															
Donkeys/mule s	11															
Horses	12															

CODES FOR 15B & 15C		
1=Generate revenue	5=Cope with lowered agricultural revenues	96=other (specify
2=Milk consumption	6=Traditional activity in the household or family	
3=Meat consumption	7=Transport, racing	
4=To use for festivals and ceremonies	8=Works (rural, drainage)	

#### **SECTION 6B: SMALL ANIMALS**

Type of livestock	1. Live- stock code	Has any member of your h During the last 6 months, has any member of your household raised or owned any []  1 = Yes  2 = No (>> Next Animal)	nousehold raised or owned How many [] are owned by your household now (present at your farm or away)?  Number (if none write 0, go to 4a)	small animal: Who owr the []?  Record u 2 Person	ns p to	he last 6 mo Who kee [] that y househol owns?  Record u Person ID  For non-h member,	os the our d o to 2 os	Does anyone Outside the household keep [] that your household owns?	are kept not owr	t but ned by	the [ Your housel	] that nold but not	1 = Yes 2 = No (>>NE Has your household hired any labour for keeping / herding [] in the last 6 months?	XT SECTION)  What is the main type of labour employed while keeping []?  1 = Family 2 = Hired Casual	How much did you pay to the paid labour for keeping /herding [] in the last 6
						97			Number none w 0, go to 5a)	rite	Record to 2 Person	·	day/month (if none write 0 >>	3 = Hired Permanent	USh
EXOTIC/CROSS		2	3a	3b	3с	3f	3e	3f	4a		4b	4c	5a	5b	5c
Male goats	13														
Female goats	14														
Male sheep	15														
Female sheep	16														
Pigs	17														
INDIGENOUS	1													·	•
Male goats	18														
Female goats	19														
Male sheep	20														
Female sheep	21														
Pigs	22														

SECTION 6E	B: SMAI	L ANIMA	LS (CON"T	<b>「</b> )												
Type of livestock	Live- stock code	- 0 -	During the last 6 months, How many [] were born or graduated to?  Number (write 0 if none)	During the last 6 months, how many were received as gift or payment for some service provided ?  Number (write 0 if none)	During the last 6 months, how many were given away as gift or payment for some service received ? Number (write 0 if none)	During the last 6 months how many [] were lost to theft?  Number (write 0 if none)	During the last 6 months, how many [] were lost to injury, accident, or natural calamity ?  Number (write 0 if none)	During the last 6 months how many [] were lost to disease ?  Number (write 0 if none)	Did you buy any [] to raise during the last 6 months?  Number (write 0 if none) (If 0 >> 14a)	What was, on average, the value of each [] bought?  Ush	Did you sell any alive [] during the last 6months?  Number (write 0 if none) (If 0 >> 15)	What was, On average, the value Of each [] sold?	Did you slaughter any [] during the last 6 months? Number (write 0 if none)	What the tw princi reaso why t house posse or rais these	vo pal ns he chold ssed ed []?	What is the main purpose of livestock products originating from []?  1=Subsisten ce 2=Commercial 3= Other, Specify
		6	7	8	9	10	11	12	13a	13b	14a	14b	15	15b	15c	16
EXOTIC/CROSS																
Male goats	1															
Female goats	2															
Male sheep	3															
Female sheep	4															
Pigs	5															
INDIGENOUS																
Male goats	6															
Female goats	7															
Male sheep	8															
Female sheep	9															
Pigs	10															

#### CODES FOR 15B & 15C

1=Generate revenue

2=Milk consumption

3=Meat consumption

4=To use for festivals and ceremonies

5=Cope with lowered agricultural revenues

6=Traditional activity in the household or family

7=Transport, racing

8=Works (rural, drainage)

96=Others (specify)

# SECTION 6C: POULTRY & OTHERS

1. Has any member of your ho	usehold rais	sed or owned ra	bbits, poultry,	or oth	er dome	estic birds	during t	he last <b>3 mo</b> r	nths?	[		1 = Yes 2 = No (>>N	EXT SECTION	)
Type of livestock	Livestoc k code	During the last 3 months, has any member of your household raised or owned any []  1 = Yes 2 = No (>> Next Animal)	How many [] are owned by your household now (present at your farm or away)?  Number  (if none write 0, go to 4a)	Who the [  Recoil to 2 Filds	]?	Who ke [] that househo owns?  Record Person For non membe 97	up to 2	Does anyone outside the househol d keep [] that your househol d owns?	How many [] are kept but not owned by your househol d now?  Number  (If none write 0, go to 5a)	Who keep [] t your hous d kee but r own:	sether chat sehol eps not s?	Has your household hired any labour for keeping / herding [] in the last 3 months?  Day/Month s  (If none write 0 >> 6)	What is the main type of labour employed while keeping []?  1=Family 2 = Hired Casual 3 = Hired Permane nt	How much did you pay to the paid labour for keeping/herding [] in the last 3 months?
		2	3a	3b	3с	3d	3e	3f	4a	4b	4c	5a	5b	5c
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-	How	During	During the	During the	During	During the	During	Did you	What	Did	What	Did you	What a	ire	What is the
	stock	many	the last 3	last	last 3	the last	last	the last 3	buy any	was, on	you	was,	slaughte	the two	0	main
	code	[] did	months,	3 months,	months,	3	3 months,	months	[] to	average	sell	on	r any	princip	al	purpose of
		you own	how	how many	how many	months	how many	how	raise	1		averag	[]	reason	s why	livestock
		exactly	many []	were	were given	how	[] were	many []	during			-		the		products
		3	were	received as	away as	many	lost to	were lost	the last	of each	[]	value		househ		originating
		months	born or	gift or	gift or	[]	injury,	to	3		_	of each		posses		from
		ago	graduate	payment	payment	were	· · · · · · · · · · · · · · · · · · ·	disease?	months?	bought?	the last			or raise		[]?
		· ·	d to?	for some	for some	lost to	natural					sold?	?	these [	]?	
		Or		service	service	theft?	calamity?	Number	Number	Ush	months					1=Subsistence
		away)?	N1 I	provided?	received?			- Tuniber	- Tuniber	05	?		Number			2=Commercial
			Number		Number	Numbe							(write 0 if none)	Use	codes	96= Other,
				Number	(write 0 if	r	Number	(write 0 if	(write 0		Number (write 0	Ush	ii iioiic,	bel		Specify
			(write 0 if		none)			none)	if none)		if none)					. ,
			none)	(write 0 if		(write	(write 0 if									
				none)		0 if	none)									
						none)										
		6	7	8	9	10	11	12	13a	13b	14a	14b	15	15b	15c	16
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															

CODES FOR 15B & 15C

1=Generate revenue5=Cope with lowered agricultural revenues2=Milk consumption6=Traditional activity in the household or family

3=Meat consumption 7=Transport, racing

4=To use for festivals and ceremonies 8=Works (rural, drainage)

96=Other (specify)

# 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).

		BREE	DING		FEEDING							
Type of livestock species	Animal group code	Has this household practiced any controlled mating or other breeding strategy for [] in the past [REF PERIOD]?  (12 moths Large ruminants, 6 moths small ruminants, 3 moths poultry)  1 = Yes 2 = No (>>2a)	What have b main controll mating or oth breeding straused by this household for the past [REF PERIOD]?  (12 moths Laruminants, 6 small rumina moths poults)  SEE BREEDIN CODES	led ner ategies or [] in : arge o moths ants, 3 ry)	household the major feeding practices for [] in the last [REF PERIOD]?  (12 moths Large ruminants, 6 moths small ruminants, 3 moths poultry)  LIST TWO MAIN PRACTICES		Has this household ever paid to feed its [] in the past [REF PERIOD]? (12 moths Large ruminants, 6 moths small ruminants, 3 moths poultry) 1 = Yes 2 = No (>>3a)	In which months?  Month Codes  (Circle As Appropriate)	How much has this household paid to feed the [] in the past [REF PERIOD]?  (12 moths Large ruminants, 6 moths small ruminants, 3 moths poultry)			
		1a	1b	<b>1</b> c	2a	2b	2c	2d	2e			
EXOTIC/CROSS Large ruminants Small ruminants Poultry Pigs INDIGENOUS Large ruminants Small ruminants	101 102 103 104							1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12				
Poultry Pigs	107 108							1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12				

# SECTION 7: LIVESTOCK INPUTS (CON'T)

			WATERIN	IG		HOUSING	ANIMAL HEALTH			
Type of livestock species	Animal group code	How frequently, on average, has this household watered [] in the past [REF PERIOD]? (12 months Large ruminants, 6 months small ruminants, 3 months poultry)  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 96 = other (specify)	WATERIN What have the main to sources of for [] in [REF PERIO (12 months ruminants, small ruminants, small ruminants points of the source o	e been two f water the past OD]? s Large 6 months nants, 3 ultry)  eer  de	How much has this household paid to access the main water sources for [] in the past [REF PERIOD]?  (12 months Large ruminants, 6 months small ruminants, 3 months poultry)  Ush  (write 0 if	What housing system for [] has this household mainly used in the past [REF PERIOD]?  (12 months Large ruminants, 6 months small ruminants, 3 months poultry)  1 = none 2 = confined in sheds 3 = confined in paddocks 4 = confined fences 5 = cage 6 = basket 96 = other ( specify)	ANIMAL HEALTH  Has this household vaccinated any [] in the past [REF PERIOD]? (12 months Large ruminants, 6 months small ruminants, 3 months poultry)  1 = yes, all animals at least once 2 = some, some animals 3 = none, no animals (>> 6a)	Who administered the vaccination services for you *+?  1 = Private Vet clinic 2 = District Vet clinic 3 = NGO / Project 5 = Self 96 = Other (specify)	Against which diseases did you vaccinate your *+?	What was the total cost of vaccination, including vaccine and professional fee?  Ush  (write 0 if provided for free)
		_	96 = other	(specify)	nothing)					
EXOTIC/CROSS		3a	3b	Зс	3f	4	5a	5b	5c	5d
Large ruminants	101									
Small ruminants	102									
Poultry	103									
Pigs	104									
INDIGENOUS										
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 [REF PERIOD] have you used deworming) on your *+?  (12 months Large ruminants, 6 months small ruminants, 3 months poultry)  1 = yes, all animals at least once 2 = some, some	Who administered the deworming treatment to your *+?  1 = Private Vet clinic 2 = District Vet clinic 3 = NGO / Project 5 = Self 96 = Other (specify)	What was the total cost for deworming, including cost of deworming and professional fee?  Ush  (write 0 if provided for free)	ANIMAL HEALTH  During the last REF PERIOD] have your *+ been treated against ticks?  (12 months Large ruminants, 6 months small ruminants, 3 months poultry)  1 = yes, all animals at least  once 2 = some, some animals	Who administered the tick treatment to your *+?  1 = Private Vet clinic 2 = District Vet clinic 3 = NGO / Project 5 = Self 96 = Other (specify)	What was the total cost of the treatment of [] against ticks, including cost of drugs and professional fee?  Ush  (write 0 if provided for free)	During the last REF PERIOD] have your *+ receive some curative treatments?  (12 months Large ruminants, 6 months small ruminants, 3 months poultry)  1 = yes, all animals at least  once 2 = some animals 3 = no animals	Who administered the curative treatment to your *+?  1 = Private Vet clinic 2 = District Vet clinic 3 = NGO / 5= Self Project 96 = Other (specify)	What was the total cost of the curative treatment for [], including cost of drugs and professional fee?  Ush  (write 0 if provided for free)
		animals 3 = none, no animals (>>7a)  6a	6b	6c	3 = none, no animals (>>8a)	7b	7c	(>>Next line)	8b	8c
EXOTIC/CROSS		Od	ao	90	/d	70	76	od	on	80
Large ruminants	101									
Small ruminants	102									
Poultry	103									
Pigs	104									
INDIGENOUS	107									
Large ruminants	105						1			
Small ruminants	106								1	
Poultry	107						1			

#### 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.

Note: This section should only be ask						_	T	
Type of livestock species	Animal	How many [] were	What was the	How much of	Where/to whom do you mainly	How much has this	Who cont	
	group	slaughtered for meat	live weight, on	the meat of *+	sell [] meat?	household earned	revenue fr	om this
	code	in the last REF	average, of	produced did		by selling [] meat	product?	
		PERIOD]?	the [] that this	you sell in the		in the past REF		
			household	past REF		PERIOD]?		
		(12 months Large	slaughtered?	PERIOD]?	1 = Government / LC			
		ruminants, 6 months small ruminants, 3			2 = Private trader in local market /	(12 months Large		
		months poultry)		(12 months Large	village	ruminants, 6 months	Record Per	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ruminants, 6 months small	3 = Private trader in district market 4 = Consumer at market	small ruminants, 3	IDs (Up to 2	Z IDS)
		number		ruminants, 3	5 = Neighbor / Relative	months poultry)		
		(if 0 go to next line)	Kg/hd	months poultry)	Treignaer / Heiderre			
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		USh		
		cross-check with				USII		
		sec6A q15; sec6B q15; and sec6C q15		Kg				
		and secor 415						
				IF 0 GO TO				
			_	NEXT LINE			_	
		1	2	3	4	5	6a	6b
EXOTIC/CROSS								
Large ruminants	101							
Small ruminants	102							
Poultry	103							
Pigs	104							
INDIGENOUS								
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	How many []	How many	What was the average []	In general, were	DURING THIS PERIOD,	During this period, how
	group	were milked in	MONTHS on	milk production per day per	your [] suckling	How much of the milk	many litres of
	code	the last [REF	average,	milked animal, DURING THIS	during the time the	produced by [] was	[ANIMAL] liquid milk
		PERIOD]?	were []	PERIOD?	[] were being	consumed by your	did you sell per day?
			milked for?		milked?	household EACH DAY in	
		(12 months Large		INCLUDE ALL CONSUMED,		the form of LIQUID milk?	
		ruminants, 6 months		SOLD AND PROCESSED			
		small ruminants)	number of	MILK	0 = no calf		
		number	months		1 = intermittent		
		(if 0 go to next	lonens	LITDES /DAY	suckling	LITRES /D AV	LITRES/DAY
		line)		LITRES/DAY	2 = continuous suckling	LITRES/DAY	
		1	2	3	4	5	5.1
EXOTIC/CROSS							
Large ruminants	101						
Small ruminants	102						
INDIGENOUS							
Large ruminants	105						
Small ruminants	106						

Type of livestock species	group code [] did you convert EACH DAY into processed dairy products?  LITRES/DAY  How much of the production of production of production of products of per day?		DURING THIS PERIOD, How much of this production of processed dairy products did you sell per day?  LITRES/DAY	Where/to whom do you mainly sell your [] milk AND DAIRY PRODUCTS?  1 = Government / LC 2 = Private trader in local market /village 3 = Private trader in district market 4 = Consumer at market 5 = Neighbor / Relative 96 = Other (specify)	How much has this household earned by selling [] milk AND DAIRY PRODUCTS in the past 12 months?	product  Record Pers	revenue from this	
		6	7	8	Ush 9	10a	2 lds) 10b	
EXOTIC/CROSS			,	,		100	100	
Large ruminants	101							
Small ruminants	102							
INDIGENOUS								
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 96 = Other (specify)	Ush		Personal Ds
		1	2	3	4	5	6a	6b
EXOTIC/CROSS								
Poultry	103							
INDIGENOUS								
Poultry	107							

# SECTION 11: 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 up to 2 main uses  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) 96 = other (specify) (>> q2)		value from the sales of dung from [] in the past 12 months?  In the past 12		1 = Yes Yes 2 = No		How much has this household earned in cash/kind by providing draught power for ploughing or transport with [] in the past 12 months?  Ush  (estimated value of in-kind benefits)
		1a	1b	1c	2	3	4	5
EXOTIC/CROSS								
Large ruminants	101							
Small ruminants	102							
Poultry	103							
Pigs	104							
INDIGENOUS								
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
- 96=Other (specify)

#### **DISEASE CODES**

- 1 = Rinderpest
- 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
- 96= Other (specify)
- 98= Do not Know

# **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	Which household members received advice/information?  RECORD PERSON IDs  Was the advice from [SOURCE] about?  1 = Yes 2 = No												
		months?  1 = Yes 2 = No (>> Next Source)	1st	2nd	3rd		AgricultUral production	Agricultura I prices	Agro- processing	Crop Marketi ng	Livestock Marketing	Fishing produc tion	Livestock production Meat		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)														
7	OPERATION WEALTH CREATION														

## SECTION 9 CONT"D: EXTENSION SERVICES

	SOURCE	How many ti someone fro [SOURCE] vis the househo the past 12 r	om sit any of Ild's plots in	How many times did anyone in the household visit the	Did anyone in the household pay anything in order to receive any type of advice from	How much was paid?	How would you rate the advice received?
		Solicited visits	Unsolicited visits	[SOURCE] in the past 12 months?	[SOURCE] in the past 12 months?		1 = Good 2 = Average 3 = Bad
				IF 6A, 6B AND 7 ARE ALL 0 >> NEXT ITEM	1 = Yes 2 = No (>> 10)	UShs	
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)						
7	OPERATION WEALTH CREATION						

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
11	12	13	14	15	16

# SECTION 10: FARM IMPLEMENTS AND MACHINERY

		How many [ITEM] does your household currently own?  IF NONE, RECORD ZERO AND SKIP TO 3.	What is the total estimated value of all [ITEM] owned by your household?	How many [ITEM] did your household own exactly 12 months ago?	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)  [>> NEXT ITEM]	Did your household rent or borrow any [ITEM] during the last 12 months? 1=Yes 2=No (>>NEXT TEM)	How many [ITEM] did your household rent or borrow during the last 12 months?	How much did your household pay to rent or borrow [ITEM] during the last 12 months?  ESTIMATE THE VALUE OF IN-KIND PAYMENTS
		Number	Total Estimated Value (in UShs)	Number				Number	Total estimated Value (in UShs)
ITEM CODE	ITEM NAME	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	Ox-plough				1				
15	Trailer								
16	Harrow/cultivator								
17	Weeder								
18	Planter								
19	Sprayer								
20	Pail								
21	Milk can								
22	Other (SPECIFY)								

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