Confidential

Life in Kyrgyzstan

Leibniz Institute of Vegetable and Ornamental Crops

SIAR research and consulting

University of Central Asia, UCA

Panel Data
LIFE IN KYRGYZSTAN STUDY 2019
Agriculture Questionnaire

INFORMATION ABOUT HOUSEHOLD

Name of the main respondent		Household code 2019	
Individual respondent code 2019		Interviewer code	

SURVEY RESULTS

Visit №	Date of a visit *(DD.MM)*	Start of interview *(HH:MM)*	End of interview *(HH:MM)*	Assessment of the quality of information *On the scale from 1 (=Unreliable) to –► 5 (=Reliable)*	Comments by the interviewer

1. LAND PLOTS

Enumerator: *We would like to know about household farmland and use during the 2019 agricultural season.*

A101	Does your household or any household member own any plot of land that can be used for cultivation, including household gardens? These land plots can be cultivated by your household or rented out to others.		Yes 1 No 2	**If the response is No to both questions --> go to Section 7**
A102	Does your household cultivate any plot of land that is **not owned**, but possibly rented or borrowed from others?		Yes 1 No 2	
A103	How many plots or parcels of land does your household operate in, both owned and non-owned land, including household gardens?			|_____| plots
A104	Please indicate the organizational type of your household	1. Sole owner of a peasant farm 2. Co-owner of a peasant farm with other households	3. Member of a collective farm (agricultural enterprise or cooperative) 4. None of the above: Household farms only the household plot	

Read out*: We will first make a simple sketch of all plots that you cultivated, including owned and rented. Then we will ask questions about all the plots you cultivated (including leased or loaned land) that you have leased or loaned and the land cultivated during the 2019 agricultural season.* **After sketching, sequentially number the fields 1, 2, 3, etc. Label (in words) on the sketch the location of each field with respect to the homestead (HS) and the crop(s) cultivated in each field**. Reference period: 2019 agricultural season (broadly between October 2018 and September 2019).

2. FIELDS

Enumerator: *The sketch shows that this household has owned and / or cultivated _ fields. Please tell us about each of those fields.*
Ask the respondent to give you the details about all of those fields. Reference Period: 2019 agricultural season

Field Code	What is the main land-use of this field? *1= cultivated field* *2=kitchen garden* *3=fallow* *4=orchard* *5=hayfield* *6=pasture* *7=other type* *6= Don't know*	What is the primary purpose of using this field? *1=producing crops for own consumption* *2=producing crops for selling* *3=growing livestock feed* *5=other use* *6= Don't know*	Who is the main user of this field? *1= used by owning household* *2= sharecropping with other HHs* *3=rented out* *4=rented in* *5=not used* *6=other use*	What is the area of this field? A clue for the *Enumerator*: *Ask the respondent to calculate the area of this field without considering the area of the house.*		How far is the field from the dwelling? *in meters*	Are you or is any member of the household the legal owner of this field? *1= Yes* *2=No►* ***go to A211***	Which type of document is it? *1= private ownership (red book)* *2= decision of the local administration* *3= other document*	Please provide the code of the household member who is listed as the legal owner of this field on the document *Individual code*	If you were to sell this field today, how much it would cost? *Please indicate in Soms* *A210.1 Write the price in words* *99. Don't know* *98. Not applicable*	How did this household acquire this field? *1=bought* *2=bartered* *3=inherited* *4=received from land distribution* *5= rented in / borrowed in* *6= sharecropping with other HHs* *7=other* *8= Don't know*	How many years your HH used this field?
				Area of the field	Unit *1= hectare* *2=sotka* *(only one option is possible)*							
	A201	**A202**	**A203**	**A204**	**A205**	**A206**	**A207**	**A208**	**A209**	**A210**	**A211**	**A212**
1												
2												
3												
4												
5												

3. LAND USE

Reference period: 2019 Agricultural season

Field Code	What **main** crop did the household put in the field this season? *(see codes below)*	Was the field monocroped or crop mixture? *1 = Mono-crop ► A304 2 = Mixture*	*Ask if crop mixture on the field* How many crops were in this field, apart from the main crop?	What types of tillage methods were used in this field? *List up to TWO, starting with the most important method first, then the second most important* *(see codes below)* *98. Not applicable*		How many times was the field sprayed with herbicide? *(Complete sprays)* *(Enter "0" if field not sprayed and skip to A308)* *Enumerator: specify that herbicides are used for weeding.*	*Ask if A306>0* How much did it cost to spray with herbicides? *(Soms)* *99. Don't know*	How many times was the field sprayed with insecticide? *(Complete sprays)* *(Enter "0" if field not sprayed and skip to A310)* *Enumerator: specify that insecticides to kill insects*	*Ask if A308>0* How much did it cost to spray with insecticides ? *(Soms)* *99. Don't know*	Did the household hire labor for this field? *1=Yes 2=No ► A313*	How much did you pay for hired labor to work on this field *(Soms)* *99. Don't know*	If any, please indicate the share of pay for hired labor made in kind by crop harvest or other product. *(% of total pay for labor made in-kind)*	What main crop or use did the household put this field to in the 2018? (see crop/use codes below) *97. Didn't plant anything*
	A301	A302	A303	A304	A305	A306	A307	A308	A309	A310	A311	A312	A313
1													
2													
3													
4													
5													

Crop codes (A301, A313)					**Main Tillage (A304, A305)**
1 = Apricot	11 = Cabbage)	21 = Cucumbers	31 = Salad greens	41 = Beans	1 = Hand tillage
2 = Watermelon	12 = Potato	22 = Winter wheat	32 = Safflor	42 = Persimmon	2 = Zero tillage
3 = Eggplant	13 = Corn	23 = Nuts	33 = Beetroot	43 = Cotton	3 = Ploughing with tractor
4 = Grapes	14 = Strawberry	24 = Pepper	34 = Plums	44 = Zucchini	4 = Ploughing with horses
5 = Cherry	15 = Figs	25 = Peach	35 = Currant	45 = Sainfoin	5 = Ridging (before planting)
6 = Pears	16 = Deciduous	26 = Sunflower	36 = Tobacco	46 = Apples	6 = Mounding
7 = Pomegranate	vegetables	27 = Tomatoes	37 = Grass for feed	47 = Spring wheat	7 = Did not till – broadcast seed
8 = Peas	17 = Onion	28 = Radish	38 = Pumpkin	48 = Barley	8 = Other tillage method
9 = Melon	18 = Lucerne	29 = Rice	39 = Garlic	49 = Other	
10 = Blackberry	19 = Raspberries	30 = Sugar Beet	40 = Blueberries		
	20 = Carrots				

4. IRRIGATION, USE OF FERTILIZERS, AND SOIL MANAGEMENT

Reference Period: 2019 Agricultural season

Field Code	Did your household irrigate this field? *1 = Yes* *2 = No* *► go to A405*	What was the **main** type of irrigation used in this field? *1 = piped public drinking water* *2 = irrigation canal* *3 = river* *4 = well* *5 = other source*	How accessible was irrigation water when you needed it? *1 = easily accessible* *2 = accessible with difficulties* *3= practically not accessible*	How much did your household spend for irrigation costs for this field? *(Soms)* *99. Don't know*	Did the household apply animal manure and / or compost to the field? *0 = none* *1 = yes, animal manure* *2 = yes, compost* *3 = yes, both*	Did your household use fertilizers to cultivate this field? *1 = Yes* *2 = No ► go to A408*	How much did cost the fertilizers used for this field? *(Soms)* *99. Don't know*	*Soil erosion*		*Soil salinity*	
								Is this field prone to soil erosion and/or flash flooding / landslides? *1 = Yes* *2 = No* *99 = Don't know* *If No or Don't know ► skip to A410*	What, if anything, did the household do to prevent soil erosion and/or flash flooding/ landslide in this field? *(see codes below)*	Is this field prone to salinity? *1=Yes* *2=No* *99=Don't know* *If No or Don't know► skip to next field or next section*	What, if anything, have you done to deal with salinity? *(see codes below)*
	A401	A402	A403	A404	A405	A406	A407	A408	A409	A410	A411
1											
2											
3											
4											
5											

Soil Management codes (A409, A411)
0 = None
1 = Stone bunds
2 = Earthen bunds
3 = Terraces
4 = Drainage ditches
5 = Grass barriers
6 = Contour farming / plowing
7 = Other

5. CROP MANAGEMENT – PLANTING AND HARVEST

Enumerator: **Transfer field numbers from Module 2. Ask the following questions for all fields planted in the 2019 agricultural season.**

Reference Period: 2019 Agricultural Season

Field Code	Crop Code	What was the area under each crop in this field?		What % of the area planted was harvested in this field?	*Ask if A503 is less than 100%* What is the main reason for not productivity of the whole planted area? *Multiple answers possible*	What was the source of seeds?	*Ask if A505=2 or 3* Please specify the type of seed supplier	How much did you spend for seeds / tubers / vines for this crop in this season on this field?	What quantity of seed, tubers, or vines did the household plant of this crop on this field?		How much of this crop did the household harvest/collect during this season from this field?		How much did the household spend on machinery for this crop during this season on this plot?		
Copy the list of field from Module 2	*Copy the main crop from A301 and ask other crops if A302=2 (mixture)*	*Area planted*	Unit *1=Ha 2=Sotka*	*% harvested*	*(see codes below)*	*1 = own 2 = purchased 3 = both purchased & own 4= not applicable 5 = don't know*	*1=specialized dealer 2=bazaar 3=neighbors 4=state seed scheme 5=others 9=don't know*	*(estimate cash value if bartered) (Soms) 99. Don't know*	Quantity planted *If 0, skip to A510*	Unit *(see codes below)*	Quantity harvested *(if 0 → go to next crop)*	Unit *(see codes below)*	Land preparation and seeding *(Soms) 99. Don't know*	Weeding *(Soms) 99. Don't know*	Harvesting and threshing *(Soms) 99. Don't know*
	CROP	A501	A502	A503	A504	A505	A506	A507	A508	A509	A510	A511	A512	A513	A514
1															
2															
3															
4															
5															
6															

Crop codes (CROP)					Reason for not harvesting total planted area (A504)		Unit Code (A509, A511)
1 = Apricot 2 = Watermelon 3 = Eggplant 4 = Grapes 5 = Cherry 6 = Pears 7 = Pomegranate 8 = Peas 9 = Melon 10 = Blackberry	11 = Cabbage) 12 = Potato 13 = Corn 14 = Strawberry 15 = Figs 16 = Deciduous vegetables 17 = Onion 18 = Lucerne 19 = Raspberries 20 = Carrots	21 = Cucumbers 22 = Winter wheat 23 = Nuts 24 = Pepper 25 = Peach 26 = Sunflower 27 = Tomatoes 28 = Radish 29 = Rice 30 = Sugar Beet	31 = Salad greens 32 = Safflor 33 = Beetroot 34 = Plums 35 = Currant 36 = Tobacco 37 = Grass for feed 38 = Pumpkin 39 = Garlic 40 = Blueberries	41 = Beans 42 = Persimmon 43 = Cotton 44 = Zucchini 45 = Sainfoin 46 = Apples 47 = Spring wheat 48 = Barley 49 = Other	1 = wilting due to drought 2 = pests and diseases 3 = floods, heavy rain 4 = field not weeded / weeded late due to bad seed 5 = animal / bird destruction 6 = fire 7 = theft 8 = weeds overtook the field 9 = not enough labour	10 = lack of fertilizer 11 = failed germination due to drought 12 = failed germination due to bad seed 13 = low productivity after germination 14 = planted late 15= eaten fresh 16= don't know 17 = other reasons	1 = 50 kg bag 2 = 25 kg bag 3 = 10 kg bag 4 = kilogram 5 = gram 6 = units 7= center 8 = ton

6. CROPS SALES

***Enumerator:* Ask the following questions about crop sales for all crops the household harvested in the last 12 months (2019 agricultural season). Note that crop sales also include payments made with crops in exchange for labor and other services. Ask the question A600 only if he household did NOT harvest any crops in the last 12 months.**

A600: Did the household sell crops from previous harvests of 2018, as well as from 2019 season in the past 12 months? ____ 1=Yes **--> fill in table below**; 2 = No --> **go to module 7.Livestock**

Reference Period: Last 12 months

Field No	Crop codes *Copy the list of crops from A301*	Did the household sell or barter any of this crop in the last 12 months? *1=Yes* *2=No-> next field*	What is the TOTAL quantity of this crop that the household sold for cash and/or bartered for goods and/or labor in the last 12 months?		***Enumerator:** "Now I will ask some questions on the details of the largest sale/barter transaction you did for this crop in the last 12 months"*										*All other transactions*
					What quantity did the household sell/barter for the largest transaction?		When did the household sell/barter?		Who was the buyer? *(see codes below)*	Did you sell the crop under a contract that was concluded prior to the day when you sold the product? Enumerator: keep in mind only written contracts *1=Yes* *2=No*	How much did your household spend to transport this crop from your home/field to the point of sale/barter? If you used your own transport how much would you have paid someone to transport it?		What was the price per unit for the largest cash transaction? *99. Don't know* *98. Not applicable, transaction was bartered/ exchanged* *If 99 or 98, skip to A614*		From all other transactions of this crop from this field, how much total income was obtained in the last 12 months? *(Soms)* *99. Don't know*
			TOTAL quantity sold / bartered *99. Don't know* *If DK, skip to A604*	Unit *(see codes below)*	Quantity sold / Bartered *99. Don't know* *If DK, skip to A606*	Unit *(see codes below)*	Year 1=2018 2=2019	Month *(1= Jan – 12=Dec)*			Transport cost (*Soms*) *99. Don't know* *98. Not applicable*	Unit *1=per trip* *2=per unit in A605*	Price *(Soms)*	Unit *(see codes below)*	
	CROP	A601	A602	A603	A604	A605	A606	A607	A608	A609	A610	A611	A612	A613	A614

Crop codes (CROP)					Buyer codes (A608)		Unit Code (A603, A605, A613)
1 = Apricot 2 = Watermelon 3 = Eggplant 4 = Grapes 5 = Cherry 6 = Pears 7 = Pomegranate 8 = Peas 9 = Melon 10 = Blackberry	11 = Cabbage) 12 = Potato 13 = Corn 14 = Strawberry 15 = Figs 16 = Deciduous vegetables 17 = Onion 18 = Lucerne 19 = Raspberries 20 = Carrots	21 = Cucumbers 22 = Winter wheat 23 = Nuts 24 = Pepper 25 = Peach 26 = Sunflower 27 = Tomatoes 28 = Radish 29 = Rice 30 = Sugar Beet	31 = Salad greens 32 = Safflor 33 = Beetroot 34 = Plums 35 = Currant 36 = Tobacco 37 = Grass for feed 38 = Pumpkin 39 = Garlic 40 = Blueberries	41 = Beans 42 = Persimmon 43 = Cotton 44 = Zucchini 45 = Sainfoin 46 = Apples 47 = Spring wheat 48 = Barley 49 = Other	1 = Small-scale trader 2 = Large-scale trader / wholesaler 3 = Retailer / marketer 4 = Other households (for consumption) 5 = State reserve fund 6 = Directly to miller / processor (supplied on mill/to the gate)	7 = To miller / processor through agent or designated buying point 8 = Out-grower 9 = Directly for export by the household 10 = Exporter or other intermediate exporter 11 = Other buyer	1=50 kg bag 2=25 kg bag 3=10 kg bag 4=kilogram 5= gram 6= units 7=center 8=ton

7. LIVESTOCK & POULTRY FARMING

A700	Did this household **raise or own any livestock** or **poultry** during **the last 12 months**?	***1=Yes*** ***2=No → go to next Section 7.4***

A700.1. What kind of animals and birds have you had during the last 12 months, including those that you bought or received but then sold or exchanged?

7.1. HERD DYNAMICS AND SALES

*Please answer the following questions about the **livestock and poultry** that this **household raised or owned** in the last 12 months.*

	Livestock	How many heads of livestock did your HH have 12 months ago? (Nr.)	How many heads of livestock were sold live or slaughtered during the last 12 months? (Nr.) *99. Don't know*	How many out of this was for export? (outside of KR) (Nr.) *99. Don't know*	How much money on average did you receive from the sale of ONE live animal? *(Soms)* *99. Don't know*	How many heads of livestock were purchased during the last 12 months? (Nr.) *If 0, skip to A707*	How much money on average did your HH pay to purchase ONE animal? *(Soms)* *99. Don't know*	How many animals were born during the last 12 months? (Nr.)	How many animals were lost due to death during the last 12 months? (Nr.)	How many animals were lost due to theft during the last 12 months? (Nr.)	How many animals did your HH slaughtered for home consumption during the last 12 months? (Nr.)	How many animals did your HH give away for free (gift) during the last 12 months? (Nr.)	How many heads of livestock does your HH have at present? (Nr)	How much could you receive from sale of ONE animal of this type at current prices? *(Soms)*
No	Livestock	A701	A702	A703	A704	A705	A706	A707	A708	A709	A710	A711	A712	A713
1	Cows													
2	Heifers > 1 yr													
3	Bulls & oxen > 1yr													
4	Calves < 1 yr													
5	Pigs													
6	Sheep > 1 yr													
7	Lambs< 1 yr													
8	Goats > 1 yr													
9	Goatlings < 1 yr													
10	Horses													
11	Horses <1yr													
12	Donkeys													
13	Rabbits													
14	Poultry													

7.2. Herd Management

		At what age do you put the **females to reproduction**? (Months)	How many animals were **born per adult female**? (Nr.)	How many **milking animals** do you have on average? (Nr)	What was the **average age of slaughtered** animals of this category? (Months)	What was the **average weight of slaughtered** animals of this category? (kg)
Code	Livestock	A720	A721	A722	A723	A724
1	Cows					
2	Pigs					
3	Sheep					
4	Goats					
5	Horses					
6	Donkeys					
7	Poultry					

7.3. Household labor for livestock and grazing (jailoo) activities

A730. In the last 12 months, how many people have been involved in cattle care?

		Household member Code	Member 1	Member 2	Member 3	Member 4	Member 5
A731	Which members of your household were involved in raising animals, including children?	*Individual Code from HH roster*					
A732	Has this member of the household spent time in a jailoo (summer pasture) during the last 12 months?	*1 = Yes* *2 = No*					
A733	Number of months spent in *jailoo*	*If A732=1: enter number of months spend in jailoo; if less than 1 month, enter zero*					

7.4. ANIMAL PRODUCTS

A740: Did your household produce any animal products (e.g. milk, meat, wool, etc.) in the past 12 months? **1=Yes; 2=No (if No -> *go to the Section 7.5*)**

	A740.1. Which animal products have your HH produced in the past 12 months?	What quantity of the product were produced by your HH in the past 12 months? (Nr.)	What is the unit of production ? *1=gram 2= kg 3= liter 4= item (unit)*	What quantity of the product was consumed / used by your HH in the past 12 months? (Nr.) *99. Don't know* *The units can be-gram, kg, ton, liter, item*	How many months did your HH consume the product? (Months) *99. Don't know*	How much would it have costed if you had purchased the consumed / used product in the market? *(Soms)* *99. Don't know*	What quantity of the product was given away for free (as a present) by your HH in the past 12 months? (Nr.) *99. Don't know* *The units can be-gram, kg, ton, liter, item*	What quantity of the product did your HH store? (Nr.) *99. Don't know*	What quantity of the product did your HH sell in the past 12 months? (Nr.) *Skip to the the section 7.5, if A748=0* *99. Don't know* *The units can be-gram, kg, ton, liter, item*	How much money did your household receive from the sale of product? *(Soms)* *99. Don't know*	Thinking about the largest sale transaction, please tell me ..	
											Who was the buyer? *1=Small-scale trader 2=Large-scale trader 3=Retailer / marketer 4=Other households 5=A processor 6=Exported directly by HH itself 7=Exporter 8 = Other buyer*	Did you sell the product under a contract that was concluded prior to the day when you sold the product? *Enumerator: keep in mind only written contracts* *1=Yes 2=No*
#	LSPROD	A741	A742	A743	A744	A745	A746	A747	A748	A749	A750	A751
1	Mutton, lamb											
2	Beef											
3	Pork											
4	Horse meat											
5	Poultry meat											
6	Eggs											
7	Cow's milk											
8	Goat's milk											
9	Mares's milk&kymyz											
10	Kurut											
11	Butter											
12	Kefir, airan											
13	Cream											

14	Cheese											
15	Honey											
16	Cashmere fibre											
17	Wool											
18	Skins of cattle											
19	Skins sheep & goat											
20	Other products											

7.5. LIVESTOCK EXPENSES

Reference period: last 12 months

		Herding expenses					Veterinary costs			Fodder expenses			
		How many heads were grazed in village / remote pastures? *(Nr.)* *If 0, skip to A757*	What was the cost per 1 head per month in village pasture? *(Soms)* *99. Don't know*	How many months the animals were grazed in village pasture? *(Months)*	What was the cost per 1 head per month in remote pastures? *(Soms)* *99. Don't know*	How many months the animals were in remote pastures? *(Months)*	How many heads were treated by veterinary ? *(Nr.)* *If 0, skip to A759*	How much was the cost per head for veterinary ? *(Soms)* *99. Don't know*	What percentage of this type of livestock was vaccinated in the last 12 months? *(%)*	Have you used any other fodder in addition to grazing / household scraps? *1=Yes* *2=No ► go to next line*	What type of feed did you give to the animals in the last 12 months? *Enumerator: Multiple answers possible* *(see codes below)*	How many kg per day of this feed did you give per category? *(kg)*	How much money did you spend on supplemental feed? *(Soms)* *99. Don't know*
Code	Livestock	A752	A753	A754	A755	A756	A757	A758	A759	A760	A761	A762	A763
1	Sheep												
2	Goats												
3	Cattle												
4	Horses												
5	Pigs												
6	Poultry												

Codes for A761:

1=Hay,
2=Grain,
3= Crop residues,
4= By-products (brans, molasses, oil seed cakes…)
5= Salt / minerals,
6=Other.

A764	Do you collect manure from animals to use on fields/for other household uses?	*1 = Yes* *2 = No ► go to A767*
A765	What percentage of the collected manure do you apply to the fields? (report in %)	_____%
A766	In what form do you collect and apply manure?	*1 = Solid* *2 = Liquid* *99 = Don't know*
A767	Please provide any other expenses for all livestock in the past 12 months (approximately):	_____ **Soms** *99.Don't know*

8. AGRICULTURAL INFORMATION

*Please tell us about the **advice/information the household received** from **organizations, private agents or individual farmers**.*

Type of Advice / Information Has any member of your household ever received any advice on...?		Has any member of the household ever received advice/information about…? *1 = Yes* *2 = No → go to next type of activity/advice*	Who was the most important supplier or organizer of this advice / information? *1 = Local administration* *2 = Pasture Committee* *3 = Private output traders* *4 = Other out-growers* *5 = Private input suppliers/ stockists / agro-dealers/ agents* *6 = Fellow farmers* *7 = Cooperative/farmer group* *8 = Other sources*	How did you receive this advice / information? *Enumerator: Choose all applicable answers.* *1 = Informal conversation* *2 = Radio program* *3 = Workshop* *4 = Field Day* *5 = Meeting* *6 = Training program* *7 = Mobile phone / dedicated apps* *8 = Other channels*	When did you first time receive this information? *Year*
	SRCODE	**A801**	**A802**	**A803**	**A804**
Zero tillage or minimum tillage	1				
Seed selection (drought or salt-tolerant seeds)	2				
Rotating cereals with legumes/nitrogen-fixing crops?	3				
Intercropping cereals with legumes/nitrogen-fixing crops?	4				
Leaving crop residues in the field (as mulch)	5				
Agroforestry (use of trees to protect/improve your crops/yield)	6				
Applying animal manure?	7				
Applying compost?	8				
Applying herbicides/pesticides?	9				
Leaving land fallow to rest the soil?	10				
Improving storage techniques (e.g. with chemicals/structures) to protect your grains in storage from weevils/other insects	11				

A805. Does the household get access to information about weather (rainfall, temperature, drought…etc.)?	***1 = Yes 2 = No*** *→ go to next Section*	
A806. What are the household's source of weather information?	*1 = Radio* *2 = Television* *3 = Friends, relatives or neighbors* *4 = Meteorological offices*	*5 = Newspaper* *6 = Internet* *7 = Mobile phone / dedicated apps* *8 = Other sources*

9. REQUIREMENTS FOR PRODUCTS QUALITY

I would like to ask about the requirements for product quality in the production of agricultural products.

A901	Does your household meet the requirements on product quality (for example, by the use of fertilizers / pesticides, storage, transport or sanitary requirements)?	Yes	1
		No → ***go to Section 10***	2
		Do not know → ***go to Section 10***	99
A902	Which products do these quality requirements **primarily** apply?	To all products manufactured by the household	1
		To exported products	2
		To products sold within the country	3
		To products for own consumption	4
A903	Who informs your household on compliance with the requirements on product quality?	Main buyer	1
		Cooperative	2
		Government or local authorities	3
		Other	4

				Crops	Livestock
A904	What quality requirements must your household comply with? Specify separately for the crop and livestock *(You can specify multiple responses)*	1	Fertilizers (the kind used, frequency, bans ...)	☐	
		2	Pesticides / chemicals (type, use the frequency ...)	☐	
		3	The requirements to raw materials (types of seed, ...)	☐	
		4	Storage requirements	☐	☐
		5	Transport requirements	☐	☐
		6	Requirements for harvesting (method, time, ...)	☐	
		7	Hygiene requirements	☐	☐
		8	Equipment requirements	☐	☐
		9	The requirements for animal welfare		☐
		10	Other requirements	☐	☐

A905	Does your household perform any quality certification (eg, HACCP - Hazard Analysis and Critical Control Points)?	Yes	1
		No	2

10. FARM INVESTMENTS

Now I would like to ask about farm investments your household could have done last 3-4 years. By farm investments we mean all investments into crop and animal production (e.g. new animals, construction of buildings, agricultural equipment), but also processing of farm products or wild fruits, beekeeping, development of craftsmanship or rural tourism.

A910	Did you undertake any farm investment since 2015?	***1=Yes*** ***2=No* -->> Finish the interview**

A911	**A912**				**A913**	**A914**	**A915**	**A916**	**A917**
Investment activity	Which sources of finance did you use? *(indicate all sources)*				What is the total amount of the investment?	Did you apply for a bank or MFI credit? *Yes = 1 No = 2*	*In case A912 = 2 or 3, please state*		
	1	2	3	4			Amount of the **largest** loan / credit	Year the loan/credit was obtained *Enumerator: from 2015 and later*	Annual interest rate
	Own savings	*Loans from relatives*	*Bank and MFIs credit*	*Other sources*	*(Soms)*		*(Soms)*	*(YYYY)*	*(%)*
Livestock									
Crop production									
Processing									
Beekeeping									
Craftsmanship									
Local tourism									
Other (*specify*) _____ _____									

END OF THE AGRICULTURE QUESTIONNAIRE.