SENTINEL LANDSCAPE HOUSEHOLD MODULE

September 3 2013

The HH instrument is part of the Sentinel Landscape Assessment Framework. The Sentinel Landscape Framework has been developed to collect baseline information about livelihoods, land health in forested landscapes, which have been exposed to various forms of land-use change.

At the same time, the data collected will be used to undertake a cross regional comparison trying to answer following research questions:

- What are the institutional settings that favour the utilisation of forest resources in ways which result in more equitable sharing of benefits?
- What are the factors that induce people to value the ecosystem services of trees and manage the landscape to provide them?
- What are the conditions that allow farmers to significantly capitalize on tree products and benefit from them?

The assessment framework consists of 4 main parts:

1. Land Degradation Surveillance Framework
2. Village level baselines with companion market survey
3. Household instrument
4. Tree/Farm inventories on a cohort of farms from the household survey

The sections for the Household instrument are as follows:

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The household instrument consists of 18 sections. Acknowledging that men and women have different roles and different viewpoints in a household and in the community, we would like you to ensure that you have an equal representation of women and men respondents. Your random household sample will include a range of household types (see section C). For those households where you have a male household head with one or more wives, please ensure that in 50% of those households you interview the male household head, whereas in the other 50% you ask the household head permission to interview his wife or one of his wives.

For the ANTHROPOMETRY section you need following equipment:

A measuring scale that goes up to 100 kg and measures in 100 g increments is needed. It must be easy to read the results in low light, or bright sunshine. You will also need a portable measuring board. The board should have measurements in centimetres with a minimum graduation of 1 mm. Make sure that the board has NO sharp edges or corners.

Section A. Introduction and consent by main respondent

Has consent been given? <CONS> 1=YES, 2=NO Signature _____

If no, request a replacement household from supervisor (and start a new questionnaire)

Hello. My name is [interviewer name] _____. I am working with the [research institution] _____. We are conducting a survey about how different policies for land management affect household livelihoods, the ways in which natural resource management, especially trees and forests is practiced within villages, and the overall conditions of the environment. The aim of this research is to understand how land-use change, has changed peoples way of living in [region] _____. We would like to ask you some questions about your household, your livelihood and your farming practices and your use of natural resources. It should not take longer than one to one and half hours of your time. Approximately [number] _____ people in different villages in [region] _____ will take part in this study, including approximately [number] _____ people from this village.

We would like to share the results of the study, so that more people understand how food is grown and used in this region and the issues that you face regarding food production and soil, water and land management. Your name will not appear in any data that is made publicly available. The information you provide will be used purely for research purposes; your answers will not affect any benefits or subsidies you may receive now or in the future.

Do you consent to be part of this study? You may withdraw from the study at any time and if there are questions that you would prefer not to answer then we respect your right not to answer them.

Section B. Data Handlers

Country ID: <CID>	**Site ID:** <SID>	**Household ID:** <HHID>
District Name: **<HDNAME>**		**GPS reference for household (Lat/Long in decimal degrees):** *Latitude:* <HHLAT> ° *S* *Longitude:* <HHLONG> ° *E*
Village Name: **<FK_SETTLE>**		
Village Code: **<HVCODE>**		**Household wealth category (circle one):** **<HHWLTHCAT>** Poor Average Wealthy
Local currency: **<HLUNIT>**		**List all IFRI User Groups to which this household belongs:** 1. [_____] <ID> 2. [_____] 3. [_____]
Enumerator's Name: **<HENNAME>**		
Date of 1st visit (dd-mm-yyyy): **<HINTERVDT>**		
Date of interview (dd-mm-yyyy): **<HINTERVDT>** **Time Start:** **Time End:**		
If interview not held during 1st visit please give reason _____ *1= Nobody home, 2 = Respondent refuses to participate, 3 = Respondent postponed the interview, 4 = Household head (or other knowledgeable member) is not present at the house, 5 = Other [_____]*		

Section C. Household Respondent and Type

Ideal respondent: household head or spouse. For polygamous households, please identify which wife you spoke to (First, second, third, nth wife). Most of these questions can be completed without having to question the respondent directly. Be sensitive about the way you gather this information.

As households have been selected to ensure an equal distribution of women and men respondents, please identify the gender of the respondent prior to starting the interview.

Gender of respondent <ResGen>	Female [____] Male [____]

Name Head of Household:	First name: <HEADNAM1>
	Last name: <HEADNAM2>
Name of respondent	First name: <RESPNAM1>
	Last name: <RESPNAM2>
Relationship of the respondent to the household head, if not the head	[_____] *1 = Wife / spouse in a polygamous household please identify if it is first, second, third wife; 2 = Other family member; 3 = Other non-family member*
Cell phone number of Respondent	

Household type |_____|

01=Male headed, with a wife or wives, 02=Male headed, divorced, single or widowed, 03=Female headed, divorced, single or widowed, 04=Female headed, husband away, husband makes most household/agricultural decisions, 05=Female headed, husband away, wife makes most household/agricultural decisions,06=Child headed (age 16 or under)/Orphan 96=Other, specify [.....]

Has your family always lived in this village? <HRES> Yes [___] No [___]

If No:

When did you move here? (Month and year) <HRESY> _____

Where did you move from? (Village and District name) <HRESL> _____

Why did you move? <HRESREAS> _____

1. Work Related 2. School / Studies 3. Marriage 4. Other Family Reasons 5. Better Services / Housing 6. Land / Plot 7.Other, Specify

Section D. Demography

Could you list all members of your household? We consider member of a household all people that regularly eat in your household, even if they are not related to you.

Please start with yourself first, followed by your spouse/spouses and your children. Please also list any workers that live with you.

HH member ID	Name (*)	Sex *1 = Male* *2 = Female*	Age	Relationship to head of household *Use Key D1*	Occupation *No key, pls specify exactly the job title*	Has*been employed last week? *1 = Yes* *2 = No*	Marital Status *Use Key D3*	If married, does spouse live in this household now? *1 = Yes* *2 = No*	If married, is the spouse from this village? *1 = Yes* *2 = No*
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
Key D1	1=Head, 2=Spouse, 3=Son/Daughter, 4=adopted son/daughter, 5=Sister/Brother, 6=Grandchild, 7=Father/Mother, 8=Cousin, 9= other								
Key D3	1=Single 2=Married formal, 3= Married informal, 4=Polygamous Married, 5=Separated, 6=Divorced, 7=Widow/widower								

Section E. Education

I would now like to ask you about the education of each household member

Enumerator: Please read the names of all household members listed in Section D and ask the questions column by column for each household member. Please ensure that the household member ID is the same as in Section D.

HH member ID	Can *read and write in the official language? *1 = Yes* *2 = No*	Attended School? *1 = Yes* *2 = No*	What is the highest grade completed by *? *If never went to school, write 0*	Is * currently attending school? *1 = Yes* *2 = No*	Did * miss school in the last 7 days? *1 = Yes* *2 = No*
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

Section F. Land Assets

I would like to ask a few questions about the land/s that your household uses.

Plot ID	**Size**	**Unit of size** *Use Key F1*	**Tenure** *Use Key F2*	**Ownership** *Use ID codes of HH members.* *Use and specify others*	**Mode of acquisition** *Use Key F3*	**Sources of water** *Use Key F4*	**Distance from house (m)**	**If cultivated, enter first year of cultivation.** *If not cultivated, leave blank.*	**Fenced?** *1 = Yes* *2 = No*	**Main land use** *Use Key F5*	**Have you planted any trees on this land?** *1 = Yes* *2 = No*	**Do you manage any trees on this plot?** *1 = Yes* *2 = No*	**Does the plot have fruit trees?** *1 = Yes* *2 = No*
1													
2													
3													
4													
5													

Key F1	1 = Acre, 2 = Hectare, 3 = Metre square, 4 = Other, specify conversion in metric system
Key F2	1= Title deed, 2= Owned but not titled, 3= Communal land, 4= Rented-in/ sharecropped or other short term arrangement, 5= Other (specify)
Key F3	1 = Inherited, 2 = Donated, 3 = Bought, 4 = Borrow for free, 5 = Rent, 6 = Others, specify
Key F4	1 = Rainwater, 2 = Tanks, 3 = Infrastructure for water harvesting, 4 = Dams or water ponds, 5 = Boreholes, 6 = Water pumps, 7 = River/stream, 8 = Lake
Key F5	1= annual crops, 2=perennial crop, 3=annual crops integrated with perennial crops, 4= Fallow, 5= Wood lot, 6= grazing area, 7= Forest, 8= other, specify

Section G. Farm and domestic assets

I would now like to ask you about different domestic, transport, and farm items your household owns. I will ask you item by item, and if your household possess this item, please tell me how many and who owns it.

Enumerator: Prompt for each item listed below, and ask the relative age and the ownership by gender

Name of Asset	Total Number owned	Age of asset (number in this age group)			Number owned by male	Number owned by female	Number owned jointly
		< 3 years	3-7 years	> 7 years			
Domestic							
1. Gas Stove/Gas cooker							
2. Kerosene Stove							
3. charcoal/wood fuel stove							
4. Refrigerator							
5. Radio							
6. Television							
7. Mobile phone							
8. Sofa set							
9. Sewing Machine							
10. Mosquito nets							
11. Working Iron							
12. Bed/mattress							
13. Blender							
14. Water Tanks							
15. Diesel machines							
Transport							
16. Car/Truck							
17. Motorcycle							
18. Bicycle							
19. Cart (animal drawn)							
Farm							
20. Hoes							
21. Spades/shovel							
22. Ox-Ploughs							
23. Sprayer pump							
24. Water pump-manual							

Name of Asset	Total Number owned	Age of asset (number in this age group)			Number owned by male	Number owned by female	Number owned jointly
25. Water pump-diesel							
26. Machetes							
27. Milking Cans							
28. Granary							
29. Grain Miller							
30. Other – locally specific assets (e.g. jewellery)							
Other, Specify……							

Section H. Housing, Water and Sanitation

I would now like to ask you about the infrastructure of your house.

Enumerator: Please circle the answer for each column. For Column 1 to 6 only one option is allowed, for 7 multiple options are allowed.

What is HH tenure i.e. status of main residence?	Where does this household obtain most of its water?	What is the primary source of lighting used by this household?	What type of fuel is usually used for cooking?	What is the primary material used in the exterior walls of the dwelling?	What is the main construction material used for the floor of your dwelling?	What type of toilet facility is used by your household?
Self-owned	Pipe inside the house	Electric power network	Firewood	Concrete blocks	Cement brick, mosaic, terrazzo, or ceramic	Private
Lease	Piping outside house but on property	Plant, electric generator	Butane or propane gas	Quarry stone	Pavement or concrete	Shared
Rent	Public place	Solar panel	Coal or charcoal	Reinforced concrete	Mud brick	Public
Free rent	Public or private well	Car battery	Kerosene	Concrete Slab	Log	None
Official	Water hole, spring	Kerosene gas	Electricity	Covintec panels	Earth	
Owned by parents or relatives	River, stream, creek	Candle	Dung	Gypsum	Other	
Other	Tanker truck	Pine (ocote)	Other	Laminated plycem, nicalit		
	Lake or pond	Pump lantern	No kitchen	Concrete and wood (minifalda style)		
	Another home, neighbour, business	Oil lamp		Concrete and other material		
	Other	Other		Clay brick or block		
		None		Adobe or Wattle & Daub		
				Wood		
				Zinc		
				Bamboo, barul, cane, or palm		
				Rubble or debris		

Section I. Income

During the last 12 month did any cash come to the household through any of the following means?

Means of CASH income in the last 12 month (please mark all that apply in the next column) <H_INCSRCE>		**Mark the single most important source of cash income here:** <HINCMOSTIMP>	**Please estimate the annual household income from all household members over the past 12 months (excluding this survey month)**	
			Amount over past 12 months (*local currency*) <H_INCYR>	**Amount over month prior to this survey month (*local currency*)** <H_INCMO>
1. Sale of food crops				
2. Sale of livestock				
3. Sale of livestock products				
4. Sale of cash crops				
5. Business income				
6. Wages or salaries in cash				
7. Other casual cash earnings				
8. Cash remittances				
9. Fishing				
10. Selling local brew				
11. Sale of forest products (e.g. charcoal, firewood, timber, honey, medicinal plants, wild foods)				
12. Rent received				
13. Pension received				
14. Governmental allowances				
15. Other (Specify: <H_INCOTH>)				
16. Estimated Total Annual Household Income			<HINCTOT1>	<HINCTOT2>

Section J. Remittance

Are there any other members of your family that do not live in your household but help the family with money or other contributions? [help] 1. Yes 2. No

If yes,

ID	Relationship to head of household [helprel] *Use Key J1*	Occupation [helpoc]	Living where	Contributing [Helpcon] *Use Key J2*	Frequency [Helpfq] *Use Key J3*
Key J1: 1=Head, 2=Spouse, 3=Son/Daughter, 4=adopted son/daughter, 5=Sister/Brother, 6=Grandchild, 7=Father/Mother, 8=Cousin, 9= other					
Key J2: 1=food, 2=money, 3=helps with labor, 4=others					
Key J3: 1= weekly, 2= monthly, 3= if needed					

	Yes	No
Does the household head or his/her spouse have a close friend in the village?		
Did the household get any money, food or any type of assistance from this friend in the last 12 month?		
What type of assistance do you get? *Use Key J4*		
Does the household head or his/her spouse have any relatives in this village?		
Did the household get any money, food or any type of assistance from these relatives in the last 12 month?		
What type of assistance do you get? *Use Key J4*		
Does the household head or his/her spouse have any relatives in another village?		
Did the household get any money, food or any type of assistance from these relatives in the last 12 month?		
What type of assistance do you get? *Use Key J4*		
Did the household get any money, food or any type of assistance from neighbors that are NOT close friends or relatives of the household head or his/her spouse in the last 12 month?		
What type of assistance do you get? *Use Key J4*		
Did the household get any money, food or any type of assistance from the government in the last 12 month?		
What type of assistance do you get? *Use Key J4*		
Key J4	F=Food, G=other household groceries, M=Money, U=uniform, L=cloth other than uniform, C=child care, T=Transport, H= care for eldery or sick, E=Fuel e.g. wood, petrol, paraffin, W=manual labor in the house/field	

Did you or anybody in the household GIVE any money, food or any type of assistance to ANOTHER household in the last 12 month? *1 = Yes, 2 = No*	
What type of assistance did you give? *Use Key J5*	
What is their relationship to your household? *Use Key J6*	

Key J5	F=Food, G=other household groceries, M=Money, U=uniform, L=cloth other than uniform, C=child care, T=Transport, H= care for eldery or sick, E=Fuel e.g. wood, petrol, paraffin, W=manual labor in the house/field
Key J6	1=Friends, 2=Relatives, 3=Neighbors, 4= members of church/mosque

Section K. Credit

YES	NO

Over the past 12 month did you or anybody else in the household borrow money from an institution?

I would like to ask about the source and the use of the LARGEST amount your household has borrowed in the last 12 month.

Who made the decision to take out the loan? *Use Key K1* [_____]
Key K1 1=Head, 2=Spouse, 3=Son/Daughter, 4=Joint decision between head and spouse 5= other

What is the nature of the source? *Tick only one*		**By when do you think you will be able to pay the credit back?** *Tick only one*		**Could you tell us what the main use of the credit was?** *Tick only one*	
Commercial banks		Already paid back		Wedding/Ceremony	
Micro-finance institute		Within 6 months		Funeral	
Insurance company		Within 1 year		School fees	
Saving group		Within 3 years		Purchased land	
Grocery/local merchant		Greater than 3 years		Purchased fertilizer, seeds, seedlings	
Church/Mosque				Purchased livestock	
Other, please specify				Business	
				House (build/repair)	
				Other, please specify	

Section L. Food Security, Consumption, and Composition

Enumerator: Please ensure that a female adult is present when asking this Section

Have there been any days in the last month when your household experienced a shortage of food to eat? Yes [____] No [____]

How many days in the last month did your household not have enough to eat? _____

Have there been any days in the last year when your household experienced a shortage of food to eat? Yes [____] No [____]

Do you know why? *Tick all applicable*		
	1. No money available at home	
	2. Did not receive pension/grant/food aid	
	3. Did not receive expected money from other household members	
	4. Poor harvest	
	5. Unexpected large expenditure	

Which of the below statements best describes the food eaten in your household in the past 12 month? *Tick only one*

1. Enough of the kinds of food we want to eat	
2. Enough but not always the kinds of food we want	
3. Sometimes not enough to eat .	
4. Often not enough to eat	
5. Don't know	

Here are some reasons why people don't always have enough or the kinds of the foods they want to eat. Please indicate if any of the following is a reason why YOU don't always have enough or the kinds of food you want. *Tick all applicable*

1. Not enough money for food.	
2. Kinds of food I want are not available	
3. Not enough time for shopping or cooking	
4. Too hard to get to the store	
5. Not able to cook because of health problems	
6. Not able to eat because of health problems	
7. No fuel available	
8. Don't know or not applicable	

People have made several statements about their food situation. For these statements, please indicate whether the statement was often true, sometimes true, or never true for your household in the past 12 months.

	Often true	**Sometimes true**	**Never true**	**Don't know**
I worried whether our food would run out before we harvested more or got money to buy more.				
The food that we produced and bought just didn't last, and we didn't have money to get more.				

	Often true	Sometimes true	Never true	Don't know
We couldn't afford to eat balanced meals				

Do some members of your household eat before others ?	YES	NO

If yes can you briefly describe the order?

Who decided how much food each household member gets during a meal? Please describe

Types of food	**In the last 24 hours has your household consumed any of the following?** *1 = Yes, 2 = No*	**In the last 7 days, how many <u>days</u> have you consumed these?**
A. Cereals, Grains and Cereal Products (Maize Grain/Flour; Green Maize; Rice; Finger Millet ; Pearl Millet; Sorghum; Wheat Flour; Bread; Pasta; Other Cereal)		
B. Roots, Tubers, and Plantains (Cassava Tuber/Flour; Sweet Potato; Irish Potato; Other Tuber/Plantain)		
C. Nuts and Pulses (Bean; Pigeon Pea; Macadamia Nut; Groundnut; Green Bean; Cow Pea; Other Nut/Pulse)		
D. Vegetables (Onion; Cabbage; Wild Green Leaves; Tomato; Cucumber; Other Vegetables/Leaves)		
E. Meat, Fish and Animal Products (Egg; Dried/Fresh/Smoked Fish (Excluding Fish Sauce/Powder); Beef; Goat Meat; Pork; Poultry; Other Meat)		
F. Fruits (Mango; Banana; Citrus; Pineapple; Papaya; Guava; Avocado; Apple; Other Fruit)		
G. Milk/Milk Products (Fresh/Powdered/Soured Milk; Yogurt; Cheese; Other Milk Product - Excluding Margarine/Butter or Small Amounts of Milk for Tea/Coffee)		
H. Fats/Oil (Cooking Oil; Butter; Margarine; Other Fat/Oil)		

Types of food	**In the last 24 hours has your household consumed any of the following?** *1 = Yes, 2 = No*	**In the last 7 days, how many <u>days</u> have you consumed these?**
I. Sugar/Sugar Products/Honey (Sugar; Sugar Cane; Honey; Jam; Jelly; Sweets/Candy/Chocolate; Other Sugar Product)		
J. Spices/Condiments (Tea; Coffee/Cocoa/Milo; Salt; Spices; Yeast/Baking Powder; Tomato/Hot Sauce; Fish Powder/Sauce; Other Condiment - Including Small Amounts of Milk for Tea/Coffee)		

Section M. Welfare

For each of the topics mentioned below, how would you describe your current feeling about it? *Tick one column per topic*

	Very satisfied	**Satisfied**	**Neither Satisfied Nor Dissatisfied**	**Dissatisfied**	**Very dissatisfied**	**Not applicable**
Your health						
Your housing						
Your agricultural fields						
The infrastructure in your village						
Education available to your children						
Health care available						
Drinking water available						
Your protection against crime/ your safety						
Support from your community when needed?						
Your life as a whole						

Compared to other people in the village you feel	Fortunate [___] Average [___] Unfortunate [___] No opinion [___]
If fortunate please explain	
If unfortunate please explain	

Section N. Social networks

Does the household head or his/her spouse have a relative that does not belong to your household and works for the government?	Yes	No

If yes what is your relationship		Position [govpos]	
1=Sibling, 2=Uncle/aunt, 3=Cousin, 4=Other			

Do you have a close relative that does not belong to your household and has a position in the village [villpos]?	Yes	No

If yes what is your relationship [relvilpos]		Position [villpos]	
1=Sibling, 2=Uncle/aunt, 3=Cousin, 4=Other			

This part of the questionnaire is aimed at gaining an understanding of the social networks within the area. We would like to know up to 6 people you seek assistance if you need advice or help with any issues. This could be any person in an organization, a neighbor, friend or family member. If at any time you feel uncomfortable answering these questions then please inform me. Are you happy to continue? ***If yes continue, if no please continue with section O.***

ID	Name	Gender *1 = Male 2= Female*	Lives where?	What is the nature of the advice you would usually seek from would him or her? *1=family; 2=field; 3=business; 4=health*	Did you see him / her		Does he/ she comes to you for advice or help? *1 = Yes, 2 = No*	Phone number
					Last week? *1 = Yes, 2 = No*	Last month? *1 = Yes, 2 = No*		
1								
2								
3								
4								
5								
6								

Section O. Agriculture activities

I would like to ask you about the main crops that your household has been planting and harvesting in the last 12 months.

What are the main FOOD crops you have been planting in the last 12 months?

Crop name	Season																					
	Jan	Feb	March	April	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total quantity harvested in the last season	Volume unit	Did you buy the seeds? *1 = Yes, 2 = No*	Did you buy fertilizer? *1 = Yes, 2 = No*	Did you use fertilizer? *1 = Yes, 2 = No*	Were you satisfied with the yield? *1 = Yes, 2 = No*	Compared to other farmers was your yield *1 = average, 2 = better, 3 = worse*	Did you sell any? *1 = Yes, 2 = No*	Total amount sold	Volume unit	Local price per unit

Does the household usually hire any labor to help with the food crops? YES ☐ NO ☐

If YES

What are they hired for? field preparation ☐ planting ☐ field maintenance ☐ harvesting ☐ selling ☐

Has your household planted any CASH crops in the last 12 month YES ☐ NO ☐

If YES:

I would like to ask a few questions about the main CASH crops that you have planted in the last 12 month

Cropname	**Season**																					
	Jan	**Feb**	**March**	**April**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Total quantity harvested in the last season**	**Volume unit**	**Did you buy the seeds?** *1 = Yes, 2 = No*	**Did you buy fertilizer?** *1 = Yes, 2 = No*	**Did you use fertilizer?** *1 = Yes, 2 = No*	**Were you satisfied with the yield?** *1 = Yes, 2 = No*	**Compared to other farmers was your yield** *1 = average, 2 = better, 3 = worse*	**Did you sell any?** *1 = Yes, 2 = No*	**Total amount sold**	**Volume unit**	**Local price per unit**

Does the household usually hire any labour to help with CASH crops? YES ☐ NO ☐

If YES:

What are they hired for? field preparation ☐ planting ☐ field maintenance ☐ harvesting ☐ selling ☐

Section P. Use of Natural Resources

Did your household use any of the following resources during the last 12 months?

Type		Used *1=Yes, 2=No, X= Don't know*	Frequency Of use when in season *Use Key P2*	Total amount in a month when in use	Unit	How many months in the last 12 months was this resource used?	Local name for the species you used most?	Did the household collect this resource? *1 = Yes, 2 = No*	Frequency of collection *Use Key P1*	Total amount collected in a month when in season	Volume unit	Did the household buy this resource? *1 = Yes, 2 = No*	Frequency of buying when in season	Local price per unit	Unit	Did you sell any? *1 = Yes, 2 = No*	Total amount sold in the last season	Volume unit
1	Fire wood																	
2	Other wood products																	
3	Wild fruits																	
4	Wild vegetables																	
5	Edible insects																	
6	Fish from local dams and rivers																	
7	Bushmeat																	
8	Medicinal plants																	
9	Fodder grasses, leaves or pods																	
10	Thatch																	
11	Timber																	
12	poles																	
Key P1		1= Less than 1 x per month (e.g. once every 6 weeks); 2=Between 1 x per month and 1 x per week (1-4 x per month); 3= More than 1 x per week (more than 4x per month)																

In the last 12 months, has your household earned income from any livestock? YES ☐ NO ☐

If YES,

I would like to ask you a few more details about your livestock and the estimated income you earned from those in the last 12 months.

Type of animals	**Estimated total number of animals**	**Mainly stall fed or grazed?** *1 = Stall fed, 2 = Grazed*	**Owned by** *Use HH ID code from Section D*	**Income earned from**						
				Live sale	**Milk**	**Milk products**	**Meat**	**Eggs**	**Manure**	**Renting out**
Cattle										
Horses										
Buffalo										
Donkeys										
Sheep										
Pigs										
Chicken										
Ducks										
Rabbits										
Other										

Section Q. Section Shocks and Crisis

I would like to ask you about any unusual events that have affected your household. Has your household been affected by any of the following events in the last 12 months?

				Enumerators: Only ask these questions for the 2 most severe shocks		
Shock ID	**Shock**	*1=Yes 2 = No*	**Identify the TWO most significant shocks:** *1 = Most severe 2 = 2nd most severe*	**Did the shock cause a reduction in household income and/or assets?** *1 = Income loss 2 = Asset loss 3 = Both 4 = Neither*	**How dispersed was this shock in terms of who it affected?** *Use Key Q1*	**How did your household cope with this shock?** *Use Key Q2*
101	Loss of crops due to drought					
102	Loss of crops due to floods					
103	Crop disease or crop pest					
104	Livestock died or were stolen					
105	Loss of salaried employment or non-payment of salary					
106	Large fall in sale prices for crops					
107	Large rise in price of food					
108	Large rise in agricultural input prices					
109	Severe water shortage					
110	Loss of land					
111	Chronic /severe illness or accident of a household member					
112	Death of a household member or other close family					
113	Dwelling damaged or destroyed					
114	Other (*describe*):					
Key Q1	1 = Only this household; 2 = Some households in the community; 3 = Most households in the community; 4 = All households in the community					
Key Q2	1 = Harvest more forest products; 2 = Harvest more wild foods not found in the forest; 3 = Harvest more agricultural products 4 = Spend cash savings; 5 = Sell assets (Land, livestock, etc.); 6 = Do extra casual labor; 7 = Assistance from friends or relatives; 8 = Assistance from NGO, community organization, religious organization, etc; 9 = Get loan from money lender, credit ,associations, etc; 10 = Reduce household spending;11 = Did nothing in particular 12 = Other (specify)					