

IDNO (to be entered during coding)

**Strictly for Research Purposes Only**

**HOUSEHOLD SOCIOECONOMIC BASELINE SURVEY**

**Research Project: JSDF Impact Evaluation and Financial Product  
Innovation for Agricultural Technology Adoption**



**CONSENT FORM**

I am <name of interviewer> and I am from an NGO called BRAC. We are conducting a research project in the Central and Western regions with researchers from the World Bank. Toether, we are running a project that will provide agricultural, nutritional, and financial assistance to selected farming households.

For this purpose, we are collecting information from households in your area about household assets, agricultural activities, nutrition and health, attitudes toward risk and time, and economic and financial activities. This survey will take about 2 hours. Participation in this survey is completely voluntary, and you may stop giving information at any point in time.

All information that you provide is completely confidential and will be used only for research purposes. We will NOT share this information with any other organization. You will neither gain nor lose anything from your participation, and participation in this survey does NOT guarantee that you will be selected for the program.

Do you agree to participate in this survey? Yes  No

**Branch Name:** ..... **Code:**

**District Name:** ..... **Code:**

**Village Name:** .....

**Village Code:**

**Respondent Name:** ..... **Serial:**

**SECTION 1: INTERVIEW DETAILS AND IDENTIFICATION****INTERVIEW DETAILS**

1.1	Name of Enumerator	Name: _____	Code: _____
1.2	Interview Date	____ / ____ / _____	
1.3	Cross Checked by	Name: _____	Code: _____
1.4	Cross checking date	____ / ____ / _____	
1.5	Name of Supervisor / Team Leader	Name: _____	Code: _____
1.6	Signature of Supervisor / Team leader		Date: ____ / ____ / _____
1.7	Language of Interview	Code: _____	

**HOUSEHOLD IDENTIFICATION**

1.8	District	Name: _____	Code: _____
1.9	County	Name: _____	Code: _____
1.10	Sub County	Name: _____	Code: _____
1.11	Parish	Name: _____	Code: _____
1.12	Respondent	Name: _____	HHID Code: _____
1.13	Name of Household Head	Name: _____	HHID Code: _____
1.14	Phone Number of Respondent		
1.15	Best other contact name		
1.16	Best other contact phone number		
1.17	GPS Coordinates of Respondent's Household (HDDDDD Format)	Latitude (North/South):	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
		Longitude (East):	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

1=English	7=Kinyarwanda
2=Luganda	8=Rukonjo
3=KiSwahili	9=Rutooro
4=Runyankole	10=Kwamba
5=Rukiga	11= other
6=Runyoro	(specify)

**SECTION 2: BRAC PROGRAMME PARTICIPATION**

Now I would like to ask you some questions about your household and participation in BRAC programmes.

2.1	Have you ever heard of BRAC before this interview?	0=No (→Section 3), 1=Yes	
2.2	Do you know of a BRAC CHP (Community Health Promoter) in or near this village?	0=No (→2.6), 1=Yes	
2.3	How many times has this CHP visited you in the past 30 days?	<b>NUMBER OF TIMES</b>	
2.4	Have you ever bought anything from this CHP?	0=No (→2.6), 1=Yes	
2.5	How much have you spent on products bought from her in the past 30 days?	<b>UGX</b>	
2.6	Is there an Empowerment and Livelihoods for Adolescents (ELA) club in or near this village?	0=No (→2.8), 1=Yes	
2.7	Does any female adolescent household member participate in ELA?	0=No, 1=Yes	
2.8	Do you know of a BRAC CAP (Community Agriculture Promoter) in or near this village?	0=No (→2.11), 1=Yes	
2.9	Have you purchased seeds in the last two cropping seasons from this CAP?	0=No (→2.11), 1=Yes	
2.10	Which seeds did you purchase from this CAP?	<b>SEE CROPS CODE LIST</b>	
2.11	Do you know of a BRAC Model Farmer in or near this village?	0=No (→2.13), 1=Yes	
2.12	In the past two cropping seasons, have you attended training given by either this CAP or this Model Farmer?	0=No, 1=Yes	
2.13	Do you know of a BRAC poultry and livestock promoter in or near your village?	0=No (→2.16), 1=Yes	
2.14	Have you ever received training from this poultry and livestock promoter?	0=No, 1=Yes	
2.15	Have you ever received medications, vaccinations, or artificial insemination services from this poultry and livestock promoter?	0=None 1=Vaccination/medication 2=Artificial Insemination 3=Both	
2.16	Are you a member of a BRAC Microfinance Group?	0=No (→2.20), 1=Yes	
2.17	Please indicate your group name, group code, and member number:	Group Name:	
2.18	<i>(Ask respondent to produce pink passbook. If not available, group name and code are available at the branch office)</i>	Group Code:	
2.19		Member No:	
<b>Ask only if the respondent is NOT a member of BRAC microfinance (2.16=0)</b>			
2.20	Have you ever heard about the opportunity to receive a loan from BRAC?	0=No, 1=Yes	
2.21	Do you know anyone who has taken a loan from BRAC?	0=No, 1=Yes	

**SECTION 3: HOUSEHOLD ROSTER AND DEMOGRAPHIC INFORMATION**

**Section 3.1: Household Roster**

Now I would like to ask you some questions about members of your household. *(List all permanent household members. List the RESPONDENT FIRST)*

HHID	Name	Sex  1=Male 2=Female	Relationship to respondent  (SEE RELATIONSHIP CODE LIST)	Age		If less than 30 years old: Currently in school?  0=No 1=Yes	In the last 6 months...		Ask only for up to 2 household heads...	
				In COMPLETE YEARS (If >2, use MONTHS)			For how many days was [NAME] sick?  NUMBER (If 0→3.1.9)	How much was spent on medical expenses for [NAME]?  UGX	Can [NAME] read and write in any language?  0=No 1=Yes	Education Level (highest grade completed)  (SEE EDUCATION LEVEL CODE LIST)
				YEAR	MONTH					
3.1.1	3.1.2	3.1.3	3.1.4	3.1.5		3.1.6	3.1.7	3.1.8	3.1.9	3.1.10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

**RELATIONSHIP TO RESPONDENT CODE LIST (3.1.4)**

1=Respondent	8=nephew/niece
2=Spouse	9=nephew/niece of spouse
3=Son/daughter	10=cousin
4=son/daughter in law	11=brother/sister in law
5=grandson/granddaughter	12=parent in law
6=parent	13=other relative
7=brother/sister	14=other, no relation

**EDUCATION LEVEL CODE LIST (3.1.10)**

0=Never attended	6=P6	12=S4
1=P1	7=P7	13=Tertiary after O level
2=P2	8=Technical School	14=S5
3=P3	9=S1/Junior 1	15=S6
4=P4	10=S2/Junior 2	16=Some university
5=P5	11=S3	17=University degree

### Section 3.2: Demographic Information

3.2.1	What is your age? ( <i>YEARS</i> )		
3.2.2	What is your tribe/ethnicity?	1=Baganda 2=Banyankole 3=Bakiga 4=Banyarwanda	5=Banyoro 6=Batooro 7=Bakonjo 8=Amba 9=other (specify)
3.2.3	What is your religion?	1=Catholic 2=Anglican 3=Protestant 4=Seventh Day Adventist 5=Orthodox	6=Pentecostal 7=Other Christian 8=Muslim 9=Pantheist 10=Other (specify)
3.2.4	How long have you been living in this village? ( <i>YEARS</i> )		

## SECTION 4: HOUSEHOLD ASSETS, INCOME SOURCES, AND SHOCKS

### Section 4.1: Welfare Indicators and Household Assets

*Now I would like to ask you some questions about your living conditions and the assets your household owns.*

4.1.1	How many rooms does your main house contain?		
4.1.2	What is the <b>major</b> construction material of <i>external wall</i> of the main house?	1=Mud 2=Mud with straw or poles 3=Brick/burnt clay 4=Unburnt bricks	5=Timber/wood 6=Cement 7=Stone 8=Other (specify)
4.1.3	What is the <b>major</b> construction material of the <i>roof</i> of the main house?	1=Thatch/straw 2=Mud 3=Wood 4=Iron sheets	5=Tin 6=Tiles 7=Cement 8=other (specify)
4.1.4	Type of latrine used?	1=flush toilet 2=covered pit 3=uncovered pit	4=Bucket toilet 5=Bush 6=Other (specify)
4.1.5	What is your <b>main</b> source of drinking water?	1=piped water in home 2=bore hole 3=public tap 4=protected well 5=Unprotected well	6=Stream/river 7=Pond/lake 8=rain water 9=water tank or truck 10=Other (specify)
4.1.6	<b>Primary</b> type of lighting used?	1=electricity (grid) 2=paraffin lantern 3= <i>tadoba</i> (kerosene) 4=Electric/battery lantern	5=firewood/candle 6=solar panel 7=other (specify)
4.1.7	<b>Primary</b> type of cooking fuel used?	1=Firewood 2=Charcoal 3=Paraffin/kerosene 4=Electricity	5=Gas/LPG 6=Biogas 7=Solar 8=Other (specify)
4.1.8	Do you own or rent your house?	1=Rent 2=Own	3=Don't own but live for free 4=Other (specify)
4.1.9	How much did you invest in upgrading your house in the past 12 months? ( <b>UGX</b> )		
4.1.10	Does every member of the household have at least one pair of shoes?		0=No, 1=Yes
4.1.11	Does every member of the household have at least two sets of clothes?		0=No, 1=Yes

Asset Code	Asset type	Unit	Quantity of [ASSET] owned (If 0→Next Asset)	Total sale value of [ASSET] (Read: If you were to sell this asset tomorrow, how much would you receive?) (UGX)
4.1.12	4.1.13	4.1.14	4.1.15	4.1.16
1	Homestead land (compound land—not used for agriculture)	Acre		
2	House or other buildings	Number		
3	Furniture (table, chairs, beds, sofa, etc)	„		
4	Household appliances (kettle, stove, etc)	„		
5	Furnishings (carpet, mat, mattress, bedsheets, etc)	„		
6	Bednets	„		
7	Clothing (shoes, shirts, pants, etc)			
8	Jewelry and watches	„		
9	Mobile phone	„		
10	Television	„		
11	Radio / cassette player	„		
12	Bicycle	„		
13	Motorcycle / boda boda	„		
14	Pangas, slashers, hoes, and other agricultural tools	„		
15	Other household assets (specify)	„		

## Section 4.2: Hunger and Food Security

Now I would like to ask you questions about whether anyone in your household has gone hungry in the past month.

4.2.1	In the past one month, did you ever worry that your household did not have enough food?	<b>CODES:</b>  0=Never happened 1=Rarely (1-2 times) 2=Sometimes (3-10 times) 3=Often (more than 10 times)	
4.2.2	In the past one month, were you or any household member <b>not able to eat the kinds of foods you preferred</b> because of a lack of resources?		
4.2.3	In the past one month, did you or any household member <b>have to eat a limited variety of foods</b> due to lack of resources?		
4.2.4	In the past one month, did you or any household member <b>have to eat some foods that you really did not want to eat</b> because of a lack of resources to obtain other types of food?		
4.2.5	In the past one month, did you or any household member <b>have to eat a smaller meal than you felt you needed</b> because there was not enough food?		
4.2.6	In the past one month, did you or any household member <b>have to eat fewer meals in a day</b> because there was not enough food?		
4.2.7	In the past one month, was there ever <b>no food to eat of any kind in your household</b> because of lack of resources to get food?		
4.2.8	In the past one month, did you or any household member <b>go to sleep at night hungry</b> because there was not enough food?		
4.2.9	In the past one month, did you or any household member <b>go a whole day and night without eating anything</b> because there was not enough food?		
4.2.10	During the past year, in which months did your household go without enough food to meet your family's needs ( <i>the "hard months"</i> )?  <b>Indicate: 0=No, 1=Yes</b>		January February March April May June



## Section 4.4: Income and Expenditure for Poultry and Livestock

Now I would like to ask you some questions about your household's production of poultry and livestock within the past year.

ANIMAL TYPE	Animal Code	In the past one year...			
		How many of [ANIMAL] did you sell? (NUMBER) If 0 → 4.4.5	Price of each [ANIMAL] sold (UNIT PRICE-UGX)	How many [ANIMAL] do you currently own? If 0 → Next Animal	Value of all [ANIMAL] currently owned? (UGX)
4.4.1	4.4.2	4.4.3	4.4.4	4.4.5	4.4.6
Chicken (local variety)	1				
Chicken (exotic variety)	2				
Sheep/goat	3				
Cow/Cattle	4				
Pig	5				

### SHOCK COPING CODE LIST (4.5.5)

- 0=Did nothing
- 1=Reduce consumption
- 2=Use savings
- 3=Sale of asset
- 4=Seek additional work
- 5=Sent child to other household
- 6=Begging
- 7=Borrowing/loan
- 8=Govt or NGO relief/aid
- 9=Transfer from friend/relative/villager
- 10=Social support/sympathy from friends/relatives
- 11=Other (specify)

PRODUCT TYPE	Product Code	In the past one year...			
		Did you produce any [PRODUCT]? 0=No (→Next product) 1=Yes	Quantity of [PRODUCT] sold? (NUMBER) If 0 → Next product	Unit of [PRODUCT]? (SEE UNIT CODES)	Price per unit (UGX)
4.4.7	4.4.8	4.4.9	4.4.10	4.4.11	4.4.12
Meat	1				
Butter/ghee/cheese	2				
Hides/skins	3				
Milk/cream	4				
Eggs	5				
Dung cakes (manure)	6				

### UNIT CODES LIST (4.4.11, 5.2.7, 5.2.24, 7.3.5, 7.3.7)

- 1=Piece
- 2=KG
- 3=Sack
- 4=Bunch
- 5=Heap
- 6=Basin
- 7=Liter
- 8=Pack
- 9=Sachet
- 10=Gram
- 11=Tray (30 eggs)
- 12=Tin (Debbe)
- 13=Other, specify

## Section 4.5: Shocks

Please answer the following questions for shocks your household has experienced in the past one year.

Negative Shocks (unexpected events)	Shock Code	Did the household experience [SHOCK] in the past 12 months? 0=No 1=Yes	Please estimate the value of economic losses from [SHOCK] over the past 12 months (UGX)	How did the household cope with [SHOCK]?  (List all that apply)  (SEE SHOCK COPING CODE LIST)
4.5.1	4.5.2	4.5.3	4.5.4	4.5.5
Major loss of crops due to drought	1			
Major loss of crops due to too much rain / flood	2			
Major loss of crops due to pests or disease	3			
Loss of livestock due to drought/death/theft/sickness	4			
Loss of other productive assets (due to fire, storms, theft)	5			
Death of family member (medical, burial costs, etc)	6			
Loss of income due to death, illness, or injury of main income earner	7			
Loss of income due to illness or injury of other household member	8			
Loss of a regular job of a household member	9			
Loss of property due to theft or robbery	10			

LAND TENURE CODES (5.1.5)	
1=Customary	5=Rented plot (short term)
2=Mailo	6=Other, specify
3=Leasehold	99=Don't know
4=Freehold	

**SECTION 5: AGRICULTURE AND AGRICULTURAL PRACTICES**

**Section 5.1: Land Use**

Now I would like to ask you some questions about ALL THE LAND cultivated or accessed by this household in the past 12 months.

Plot SL	Plot Name <i>(Please identify the plot by a LANDMARK)</i>	What is the total area of this plot? <b>(ACRES)</b>	Under what tenure system do you operate this plot? <b>(SEE LAND TENURE CODE LIST)</b>	Do you have a formal deed, title, agreement, or certificate for this plot? 0=No 1=Yes 99=Don't know	Is any part of this plot irrigated? 0=No 1=Yes	How long does it take to walk to this plot from your homestead? <b>(MINUTES)</b>	Estimated value of Plot <b>(READ: If you were to sell this plot today, how much would you receive?) (UGX)</b>	How would you rate the soil quality of this plot? 1=Poor 2=Fair 3=Good	Which household member has ownership or users rights to this plot? <b>Identify member using HHID code</b>	Which household member makes the most decisions on this plot? <b>Identify member using HHID code</b>
5.1.1	5.1.2	5.1.3	5.1.4	5.1.5	5.1.6	5.1.7	5.1.8	5.1.9	5.1.10	5.1.11
1										
2										
3										
4										
5										
6										
7										
8										

**Season 1 of 2013 (January-June 2013)**

**Season 2 of 2013 (July-December 2013)**

Plot SL	What was the area cultivated on this plot? <b>(ACRES)</b>	What was the area left fallow (empty) on this plot? <b>(ACRES)</b>	What was the area rented out from this plot? (0→5.1.16) <b>(ACRES)</b>	What was the total income received from renting out this plot? <i>(If in-kind estimate value)</i> <b>(UGX)</b>	Did you rent this plot from another owner? 0=No (→5.1.18) 1=Yes	What was the total amount paid for rental? <b>(UGX)</b>	What was the area cultivated on this plot? <b>(ACRES)</b>	What was the area left fallow (empty) on this plot? <b>(ACRES)</b>	What was the area rented out from this plot? (0→5.1.22) <b>(ACRES)</b>	What was the total income received from renting out this plot? <i>(If in-kind estimate value)</i> <b>(UGX)</b>	Did you rent this plot from another owner? 0=No (→5.1.24) 1=Yes	What was the total amount paid for rental? <b>(UGX)</b>
	5.1.12	5.1.13	5.1.14	5.1.15	5.1.16	5.1.17	5.1.18	5.1.19	5.1.20	5.1.21	5.1.22	5.1.23
1												
2												
3												
4												
5												
6												
7												
8												
5.1.24	What is the total area and value of all agricultural land that your household owns?								<b>ACRES</b>		<b>UGX</b>	

**Section 5.2: Crop Production**

Please list the 6 most important crops grown on all land cultivated by members of this household in the **first** cropping season of 2013 (Jan-Jun 2013).

5.2.1	In the first cropping season of 2013, did you cultivate sweet potato, beans, or groundnuts? <i>(List all that apply)</i>								1=Sweet Potato 2=Beans 3=Groundnuts 4=Vegetables					
SEE CROPS CODE LIST	Area Under Cultivation			Value of Production				Crop Use			Which household member...			
	Area Planted with [CROP] (ACRES)  (If tree crop: How many trees)	Plot SL <i>(List up to two plots where this crop is grown. See 5.1.1)</i>	Mixed stand or pure stand?  1=Pure 2=Mixed	Quantity of [CROP] Produced	Unit of quantity produced <i>(If 5.2.7=2 → 5.2.9)</i>	Unit-Kilogram Equivalent  (NUMBER OF KILOS PER UNIT)	Price per unit at local market  (UGX)  (in UNIT of 5.2.7)	Quantity used for home consumption <i>(including production kept in storage)</i>	Quantity sold  (in UNIT of 5.2.7)	Quantity of <b>post harvest</b> losses (production lost after harvesting)  (in UNIT of 5.2.7)	Decided to cultivate this crop?  <i>(Only ONE member using HHID CODE)</i>	Spent the most time cultivating this crop?  <i>(Only ONE member using HHID CODE)</i>	Made the most decisions on how to use this crop?  <i>(Only ONE member using HHID CODE)</i>	Took this crop to market?  <i>(Only ONE member using HHID CODE)</i>
5.2.2	5.2.3	5.2.4	5.2.5	5.2.6	5.2.7	5.2.8	5.2.9	5.2.10	5.2.11	5.2.12	5.2.13	5.2.14	5.2.15	5.2.16
5.2.17	During the <b>first cropping season</b> of 2013, how many different crops did you cultivate in total?													

**CROP CODES LIST (5.2.2, 5.2.19)**

MILLET=1	RICE=10	CARROTS=19	GINGER=28	TEA=37
MAIZE=2	ONIONS=11	SIMSIM=20	MATOOKE=29	PINEAPPLE=38
SORGHUM=3	TOMATOES=12	CHILIES=21	SWEET BANANAS=30	MANGO=39
CASSAVA=4	COWPEAS=13	CASHEWNUTS=22	BREWING BANANAS=31	PAW-PAW=40
WHITE FLESH SWEETPOTATOES=5	FIELD PEAS=14	GROUNDNUT=23	COFFEE=32	JACKFRUIT=41
<b>ORANGE FLESH SWEETPOTATOES=6</b>	PIGEON PEAS=15	SUGAR CANE=24	VANILLA=33	AVOCADO=42
YELLOW FLESH SWEETPOTATOES=7	COTTON=16	TOBACCO=25	YAMS=34	SUKUMA WIKI=43
IRISH POTATOES=8	EGGPLANT=17	PUMPKIN=26	SOYA BEANS=35	GREEN PEPPER=44
BEANS=9	CABBAGE=18	MALAKWANG=27	COWPEA LEAVES=36	OTHER=50

**UNIT CODES LIST (4.4.11, 5.2.7, 5.2.24)**

1=Piece	7=Liter
2=KG	8=Pack
3=Sack	9=Sachet
4=Bunch	10=Gram
5=Heap	11=Tray (30 eggs)
6=Basin	12=Tin (Debbe)
	13=Other, specify

Please list the 6 most important crops grown on all land cultivated by members of this household in the **second** cropping season of 2013 (Jul-Dec 2013).

5.2.18	In the second cropping season of 2013, did you cultivate sweet potato, beans, or groundnuts? <i>(List all that apply)</i>							1=Sweet potato 2=Beans 3=Groundnuts 4=Vegetables						
SEE CROPS CODE LIST	Area Under Cultivation			Value of Production				Crop Use			Which household member ...			
	Area Planted with [CROP] (ACRES)  (If tree crop: How many trees)	Plot SL  <i>(List all plots where this crop is grown)</i>	Mixed stand or pure stand?  1=Pure 2=Mixed	Quantity of [CROP] Produced	Unit of quantity produced  <i>(If 2 → 5.2.26)</i>  (SEE UNIT CODE LIST)	Unit-Kilogram Equivalent (NUMBER OF KILOS PER UNIT)	Price per unit at local market  (UGX)  (in UNIT of 5.2.24)	Quantity used for home consumption  <i>(including production kept in storage)</i>  (in UNIT of 5.2.24)	Quantity sold  (in UNIT of 5.2.24)	Quantity of post harvest losses  (production lost after harvesting)  (in UNIT of 5.2.24)	Decided to cultivate this crop?  <i>(Only ONE member using HHID CODE)</i>	Spent the most time cultivating this crop?  <i>(Only ONE member using HHID CODE)</i>	Made the most decisions on how to use this crop?  <i>(Only ONE member using HHID CODE)</i>	Took this crop to market?  <i>(Only ONE member using HHID CODE)</i>
5.2.19	5.2.20	5.2.21	5.2.22	5.2.23	5.2.24	5.2.25	5.2.26	5.2.27	5.2.28	5.2.29	5.2.30	5.2.31	5.2.32	5.2.33
5.2.34	During the <b>second cropping season</b> of 2013, how many different crops did you cultivate in total?													

**CROP CODES LIST (5.2.2, 5.2.19)**

MILLET=1	RICE=10	CARROTS=19	GINGER=28	TEA=37
MAIZE=2	ONIONS=11	SIMSIM=20	MATOOKE=29	PINEAPPLE=38
SORGHUM=3	TOMATOES=12	CHILIES=21	SWEET BANANAS=30	MANGO=39
CASSAVA=4	COWPEAS=13	CASHEWNUTS=22	BREWING BANANAS=31	PAW-PAW=40
WHITE FLESH SWEETPOTATOES=5	FIELD PEAS=14	GROUNDNUT=23	COFFEE=32	JACKFRUIT=41
ORANGE FLESH SWEETPOTATOES=6	PIGEON PEAS=15	SUGAR CANE=24	VANILLA=33	AVOCADO=42
YELLOW FLESH SWEETPOTATOES=7	COTTON=16	TOBACCO=25	YAMS=34	SUKUMA WIKI=43
IRISH POTATOES=8	EGGPLANT=17	PUMPKIN=26	SOYA BEANS=35	GREEN PEPPER=44
BEANS=9	CABBAGE=18	MALAKWANG=27	COWPEA LEAVES=36	OTHER=50

**UNIT CODES LIST (4.4.11, 5.2.7, 5.2.24)**

1=Piece	7=Liter
2=KG	8=Pack
3=Sack	9=Sachet
4=Bunch	10=Gram
5=Heap	11=Tray (30 eggs)
6=Basin	12=Tin (Debbe)
	13=Other, specify

### Section 5.3: Cultivation Techniques

Now I would like to ask you about some of the farming practices you have applied to your crops in the past two seasons.

Code	Cultivation Practices	Have you ever heard of [PRACTICE]? 0=No (→Next line) 1=Yes	Have you applied [PRACTICE] to any crops within the <i>past year</i> ? 0=No 1=Yes	Where did you learn about [PRACTICE]? <b>(SEE PERSON ADVICE CODE LIST)</b> <i>(List all that apply)</i>	What kind of irrigation system is used? 1=Hand Pump 2=Drip system 3=Watering can 4=Drainage Pit 5=Hose 6=Piping 7=Other (specify)
		5.3.1	5.3.2	5.3.3	5.3.4
1	Crop rotation <i>(growing different crops successively on the same land)</i>				
2	Inter-cropping <i>(growing different crops on the same land at the same time in alternative rows)</i>				
3	Mixed cropping <i>(growing different crops on the same land at the same time without concern for spacing between plants)</i>				
4	Line sowing <i>(planting seeds in a line with space between each seed)</i>				
6	Zero tillage <i>(Planting seeds directly without tilling the land)</i>				
7	Putting only a few seeds in each hole				
8	Pest and disease management <i>(Properly preventing or treating pests and diseases)</i>				
9	Proper weeding <i>(Removing unwanted plants from the field)</i>				
10	Irrigation <i>(Watering crops in addition to rainfall)</i>				

#### PERSON ADVICE CODE (5.3.3)

1=Father/mother	6=Friend	11=BRAC CAP
2=Husband/wife	7=Traditional leader	12=Other BRAC Staff
3=Son/daughter	8=Local government official	13=Other NGO extension worker
4=Other family member	9=Community/farmer group	14=Government Extension Worker (NAADS)
5=Fellow farmer	10=BRAC Model Farmer	15=Other, specify

## Section 5.4: Inputs and Physical Capital

Now I would like to ask you about the agricultural inputs your household has used in the past year

INPUT TYPE	Input Code	Did you use [INPUT] on any crops?  0=No (→Next input) 1=Yes	On which crops did you use [INPUT]?  (List up to four crops using CROPS CODE list. SEE Page 11)	Did you purchase [INPUT]?  0=No (→5.4.7) 1=Yes	How much did you pay in total for [INPUT]?  (If in-kind, estimate value)  (UGX)	Where did you obtain [INPUT]?  (See INPUT SOURCE CODE LIST)  (List all that apply)
------------	------------	---	---	--	---	--

### Season 1, 2013

5.4.1	5.4.2	5.4.3	5.4.4				5.4.5	5.4.6	5.4.7
Hired Labor (outside household)	1								
<b>Local</b> vines/stems/seeds	2								
<b>Improved</b> vines/stems/seeds	3								
Fertilizers, organic (manure)	4								
Fertilizers, inorganic (chemical)	5								
Pesticides/Herbicides/Fungicides	6								
Plow (hand or animal)	7								
Tractor	8								
Transport for agricultural goods	9								
Grinding mill or other processing services	10								

### Season 2, 2013

5.4.8	5.4.9	5.4.10	5.4.11				5.4.12	5.4.13	5.4.14
Hired Labor (outside household)	1								
<b>Local</b> vines/stems/seeds	2								
<b>Improved</b> vines/stems/seeds	3								
Fertilizers, organic (manure)	4								
Fertilizers, inorganic (chemical)	5								
Pesticides/Herbicides/Fungicides	6								
Plow (hand or animal)	7								
Tractor	8								
Transport for agricultural goods	9								
Grinding mill or other processing services	10								

#### INPUT SOURCE CODE LIST (5.4.7, 5.4.14)

1=Fellow farmer	6=Local market	12=BRAC Model Farmer
2=Family member	7=Agri input dealer	13=Other BRAC Staff
3=General merchandise shop	8=Large trading center	14=Other NGO extension agent
4=Moving vendor	9= Wholesale retailer	15=Government extension agent (NAADs)
5=Farmer group, association, or cooperative	10=Own production/stocks	16=Other, specify
	11=BRAC CAP	

### Section 5.5: Sweet Potato and Iron-Rich Beans Cultivation

Now I would like to ask you some questions about your experience with sweet potato cultivation and iron-rich beans.

Experience with Regular Sweet Potato, Orange-Flesh Sweet Potato Cultivation, and Iron-Rich Beans.			
5.5.1	What is the extent of your experience with sweet potato cultivation?	0=Never cultivated (→5.5.12) 1=1-2 Seasons 2=3-5 Seasons 3=Over 5 Seasons	
5.5.2	Has your household cultivated any sweet potato within the past 2 cropping seasons? <i>(Check against responses from Section 5.2)</i>	0=No (→5.5.6), 1=Yes	
5.5.3	What was the <i>most recent</i> cropping season in which your household cultivated sweet potatoes? <i>(Check against responses in Section 5.2)</i>	1=Last season 2=2 Seasons ago 3=3 seasons ago 4=Over 3 seasons ago	
5.5.4	What was your primary source for planting material for sweet potatoes last season?	<b>SEE INPUT SOURCE CODE (Page 13)</b>	
5.5.5	What was the method of payment?	1=Cash, 2=In-kind, 3=Free	
5.5.6	Have you ever received any vines for sweet potato from agricultural extension agents?	0=No (→5.5.9), 1=Yes	
5.5.7	Have you continued to use these vines?	0=No, 1=Yes (→5.5.9)	
5.5.8	Why did you stop using sweet potato vines provided by an agricultural extension agent? <i>(List all that apply)</i>	1=Poor yield 2=Low pest/disease resistance 3=Too expensive 4=Doesn't sell/no market 5=Difficult to cultivate in local conditions 6=Other (specify)	
5.5.9	How much would you pay for vines to plant ½ acre of sweet potato in the local market?	<b>UGX</b>	
5.5.10	Have you ever received advice about how to grow sweet potatoes	0=No (→5.5.12), 1=Yes	
5.5.11	From whom?	<b>SEE PERSON ADVICE CODE (Page 12)</b>	
5.5.12	Have you <i>ever heard of</i> a sweet potato variety that is orange-fleshed on the inside?	0=No (→5.5.24), 1=Yes	
5.5.13	Where did you hear about sweet potato varieties that are orange-fleshed?	<b>SEE PERSON ADVICE CODE LIST (Page 12)</b>	
5.5.14	Have you <i>ever cultivated</i> any orange-fleshed sweet potato varieties?	0=No (→5.5.19), 1=Yes	
5.5.15	When did you begin cultivating sweet potato varieties that are orange-fleshed?	1=last 12 months 2=last 2 years 3=last 5 years 4=last 10 years	
5.5.16	Have you cultivated any orange-fleshed sweet potatoes in the past 2 cropping seasons?	0=No (→5.5.19), 1=Yes	
5.5.17	Of sweet potatoes that you have cultivated in the past 2 cropping seasons of 2013, approximately what proportion was orange-fleshed?	<b>% (percentage)</b>	
5.5.18	In the past two seasons, what was your primary source of vines for sweet potato varieties that are orange-fleshed?	<b>SEE INPUT SOURCE CODE LIST (Page 13)</b>	
5.5.19	Have you ever received any vines for orange-fleshed sweet potato from agricultural extension agents?	0=No (→5.5.22), 1=Yes	
5.5.20	Have you continued to use these vines?	0=No, 1=Yes (→5.2.22)	
5.5.21	Why did you stop using orange-fleshed sweet potato vines provided by an agricultural extension agent? <i>(List all that apply)</i>	1=Poor yield 2=Low pest/disease resistance 3=Too expensive 4=Doesn't sell/no market 5=Difficult to cultivate in local conditions 6=Other (specify)	
5.5.22	Are vines for orange-fleshed sweet potato available in local market or from farmers in your village?	0=No (→5.5.24), 1=Yes 99=Don't know	
5.5.23	How much would you pay for vines to plant ½ acre of orange-fleshed sweet potato in the local market?	<b>UGX</b> 99=Don't know	
5.5.24	Have you ever heard of varieties of beans that are rich in <i>iron</i> (iron-rich beans)?	0=No (→5.5.27), 1=Yes	
5.5.25	Have you <i>ever cultivated</i> any variety of beans that is rich in <i>iron</i> (iron-rich beans)?	0=No (→5.5.27), 1=Yes	
5.5.26	Have you cultivated any variety of beans that is rich in iron in the past 2 seasons?	0=No, 1=Yes	
<b>Sweet Potato Cultivation Knowledge: Ask only if the household has ever cultivated sweet potatoes. DO NOT ask if 5.5.1=0</b>			
<b>ASK: What techniques for conserving sweet potato vines for the following growing season have you ever used?</b>			
5.5.27	Leaving the roots to re-sprout when the rains come	0=No, 1=Yes	
5.5.28	Leaving a portion of the plot unharvested	0=No, 1=Yes	
5.5.29	Watering vines during the dry season	0=No, 1=Yes	
5.5.30	Moving vines to the lowlands	0=No, 1=Yes	

5.5.31	Storing in a cool, damp place	0=No, 1=Yes	
5.5.32	Have you ever stored fresh sweet potatoes during and/or after harvest?	0=No (→5.5.34), 1=Yes	
5.5.33	How did you store them?	1=In house    3=In ground 2=In sack    4=Other	
5.5.34	How long do you usually leave your sweet potatoes unharvested?	1=1-2 months 2=3-5 months 3=Over 1 season (6 months)	
5.5.35	Do you grow sweet potatoes in raised mounds /ridges?	0=No, 1=Yes	
5.5.36	Do you disinfect your vines before planting them?	0=No (→Section 5.6), 1=Yes	
5.5.37	What method do you use to disinfect vines before planting?	1=Ash 2=Chemicals 3=Other	

### Section 5.6: Market Access and Marketing Behavior

5.6.1	How much does it cost to reach the nearest trading centre where you can sell agricultural products using the most common method of transport ( <b>one way</b> )?	<i>UGX</i>	
5.6.2	How long does it take to reach the nearest trading centre where you can sell agricultural products using the most common method of transport ( <b>one way</b> )?	<i>MINUTES</i>	
5.6.3	Other than walking, what is the most common method of transport that you use to reach this trading centre?	1=Bicycle    4=Car 2=Boda Boda    5=Truck 3=Taxi    6=Other, specify	
5.6.4	Other than walking, what is the most common method of transport that you use to bring agricultural products (sacks of maize, bunches of matooke, etc) to this trading centre?	<b>SEE CODES FOR 5.6.3</b>	
5.6.5	How much does it cost you to transport one large sack ( <b>100 KG</b> ) of agricultural products to this trading centre using this method of transport ( <i>mentioned in 5.6.4</i> )?	<i>UGX</i>	
5.6.6	How frequently do you travel to this trading centre to sell agricultural products?	0=Never    2=A few times a year 1=Once a year    3=Every month 4=Every week	
5.6.7	How do you most commonly sell your agricultural products? <i>(List all that apply)</i>	0=Never sold 1=In nearest trading centre 2=In nearest large market 3=Buyers come to me 4=In-kind exchange with neighbors 5=Other (specify)	
5.6.8	Does the nearest trading centre also have a large market for agricultural products?	0=No, 1=Yes (→5.6.11)	
5.6.9	How much does it cost to reach the <b>nearest large market</b> for agricultural products using the most common method of transport ( <b>one way</b> )?	<i>UGX</i>	
5.6.10	How long does it take to reach the <b>nearest large market</b> for agricultural products using the most common method of transport ( <b>one way</b> )?	<i>MINUTES</i>	
<i>Which of the following inputs are available to you in the nearest trading centre or large market.</i>			
5.6.11	Improved/HYV seeds	0=Never available	
5.6.12	Inorganic/chemical fertilizers	1=Available in nearest trading centre	
5.6.13	Pesticides/herbicides/fungicides	2=Available in nearest large market	
5.6.14	Farming tools (hoes, shovels, slashers, spears, pangas, etc.)	3=Available in both	
5.6.15	Does the nearest trading centre <b>or</b> large market have wholesale buyers of agricultural products?	0=Neither 1=Nearest trading centre 2=Nearest large market 3=Both	
5.6.16	Have you ever sold your agricultural products to wholesale buyers?	0=No, 1=Yes	
5.6.17	Have you ever sold sweet potatoes?	0=No (→Section 6) 1=Yes	
5.6.18	How did you sell your sweet potatoes? ( <i>List all that apply</i> )	1=In nearest trading centre 2=In nearest large market 3=Buyers came to me 4=In-kind exchange with neighbors 5=Other (specify)	
5.6.19	What is the time of year when it is easiest to sell excess sweet potato?	1=Jan-Feb    4=July-Aug 2=March-April    5=Sept-Oct 3=May-June    6=Nov-Dec	

## SECTION 6: SOURCES OF INFORMATION

Now I would like to ask you some questions about your sources of information on agriculture.

In the past 12 months, which of the following has been your most important source of information for: <b>(list up to two)</b>				
6.1.1	Crop price information	a)	b)	0=Did not receive any information on the subject 1=Radio 2=Mobile phone 3=Farmers in your village 4=Family/friends 5=BRAC CAP, Model Farmer, or Credit Officer 6=Other NGO extension agent 7=NAADs extension agent 8=Microfinance institution (not BRAC) 9=Farmer group/association/cooperative 10=Agricultural input dealer 11=Local gov't official or traditional leader
6.1.2	Input price information	a)	b)	
6.1.3	Weather information	a)	b)	
6.1.4	Marketing information	a)	b)	
6.1.5	Pest and disease management	a)	b)	
6.1.6	Agricultural finance	a)	b)	
6.1.7	Nutrient-rich crop cultivation	a)	b)	
6.1.8	In the past 12 months, how many visits from agricultural extension agents have you received?			
6.1.9	From which organization(s)? <b>(List all that apply)</b>	1=Government Extension (NAADs) 2=BRAC (Model Farmer, CAP, PA) 3=Other NGO (specify)	4=Private sector provider 5=Other extension agent (specify)	
6.1.10	Are you a member of a farmer group, association, or cooperative?		0=No (→6.1.12), 1=Yes	
6.1.11	How long have you been a member of this farmer group?		<b>IN COMPLETE YEARS</b>	
6.1.12	Are you a member of any other community organization?		0=No (→7.1.1), 1=Yes	
6.1.13	What type of organization? <b>(List all that apply)</b>	1=Trade association 2=LC Committee 3=Religious group	4=Political group 5=SACCO	6=Education group 7=CDO/Civic group 8=NGO
			9=Youth group 10=Ethnic-based group	

## SECTION 7: HEALTH AND NUTRITION

### Section 7.1: Index Child Healthcare

7.1.1	Please enter the HHID of the youngest child in the household <b>(Check this against the household roster)</b>		HHID:	
7.1.2	Please enter the name of the youngest child in the household		NAME:	
7.1.3	Please enter the age of [NAME] in complete YEARS or MONTHS. <b>If under 3, use months. Otherwise, use years.</b>		MONTHS:	
			YEARS:	
7.1.4	How old was [NAME] at his/her last birthday? <b>(Check this against response in 7.1.3)</b>		0=Under 1 1=1 Year 2=2 or more years	
Now, I am going to ask you for a birth certificate/record/registry for [NAME]				
7.1.5	What is [NAME]'s birthday? <b>(If birth record is available, please enter DIRECTLY from the record or immunization card. If no birth record, please use calendar to estimate birthday.)</b>		DAY:	
			MONTH:	
			YEAR:	
7.1.6	Has [NAME] received any deworming drugs in the <b>past six months?</b> <b>(Show the respondent deworming tablets)</b>		0=No, 1=Yes	
7.1.7	Has [NAME] received any Vitamin A capsule in the <b>past six months?</b> <b>(Show the respondent Vitamin A capsules)</b>		0=No, 1=Yes	
7.1.8	Has [NAME] received any iron pills, sprinkles with iron, or iron syrup in the <b>past seven days?</b>		0=No, 1=Yes	
7.1.9	Did [NAME] suffer from any type of fever in the <b>past 14 days (2 weeks)?</b>		0=No, 1=Yes	
7.1.10	Did [NAME] suffer from diarrhea in the <b>past 14 days (2 weeks)?</b>		0=No (→7.2.1), 1=Yes	
7.1.11	When did [NAME] have diarrhea?		1=Last week, 2=This week	
7.1.12	When [NAME] had diarrhea, how much drink was the child given, compared to usual?	1=much less 2=a little bit less 3=about the same	4=more 5=nothing to drink 9=do not know	
7.1.13	When [NAME] had diarrhea, how much food was the child given?	1=much less 2=a little bit less 3=about the same	4=more 5=nothing to drink 9=do not know	

### Section 7.2: Maternal Health and Child Feeding Practices

REMEMBER: THE RESPONDENT FOR THIS SECTION MUST BE A WOMAN AGED 15-49 YEARS

Antenatal Care, Delivery, and Postnatal Care in Last Pregnancy

7.2.1	Household ID CODE of respondent <b>(only if changed)</b>	HHID:
<b>I am going to ask the following questions for your last pregnancy:</b>		
7.2.2	Did you visit an antenatal care facility or see anyone for antenatal care?	0=No (→7.2.12), 1=Yes

7.2.3	Who did you see for antenatal care?	1=Doctor or clinic officer 2=Nurse 3=Midwife 4=Traditional birth attendant	5=Gov't VHT 6=BRAC CHP 7=Other NGO health promoter 8=Other (specify)	
7.2.4	Where did you receive antenatal care? <i>(List all that apply)</i>	1=At home 2=Gov't hospital 3=Gov't clinic	4=Private hospital/clinic 5=Other (specify)	
7.2.5	How many times did you receive antenatal care?	<b>NUMBER</b>		
7.2.6	As part of the antenatal care you received, were any of the following done? <i>(List all that apply)</i>	1=Blood pressure measured 2=Blood sample taken 3=Urine sample 4=Weight measured 5=information about breastfeeding	6=information about nutrition during pregnancy 7=information about rest during pregnancy 8=HIV test 9=Ultrasound	
<i>During this pregnancy, did you take or receive any of the following? (Show respondent tablets where necessary)</i>				
7.2.7		Injections for tetanus	0=No, 1=Yes, 99=Don't know	
7.2.8		Drugs for intestinal worms	0=No, 1=Yes, 99=Don't know	
7.2.9		Drugs to prevent malaria, such as ACTs	0=No, 1=Yes, 99=Don't know	
7.2.10		Did you take iron tablets or iron syrup?	0=No (→7.2.12), 1=Yes, 99=Don't know	
7.2.11	During your whole pregnancy, how many iron tablets did you take? <i>(Probe for approximate number of days in which they took iron tablets.)</i>	<b>NUMBER</b>		
7.2.12	During your last pregnancy, how much did you eat compared to normally?	1=More than usual 2=Less than usual 3=The same as usual		
<i>I am going to ask the following questions about the delivery and follow-up care of your last child, [NAME] (see 7.1.2):</i>				
7.2.13	Where was [NAME] delivered?	1=At home 2=Gov't hospital 3=Gov't clinic	4=Private hospital/clinic 5=Other (specify)	
7.2.14	Who delivered [NAME]?	1=Doctor or clinic officer 2=Nurse 3=Midwife	4=Traditional birth attendant 5=Relative / friend 6=Self (no assistance) 7=Other (specify)	
7.2.15	Did anyone check on your health after you delivered [NAME]?	0=No (→7.2.18), 1=Yes		
7.2.16	Who checked on your health after delivering [NAME]?	<b>SEE CODES FOR 7.2.14</b>		
7.2.17	How long after delivery did the first check take place? <i>If under 1 DAY, use HOURS. If under 1 WEEK, use DAYS.</i>	HOURS DAYS WEEKS		
7.2.18	In the first two months after delivery of [NAME], did you receive any Vitamin A capsules or drops?	0=No, 1=Yes		
7.2.19	How far is the nearest provider of antenatal care services on foot (walking)?	<b>MINUTES</b>		
7.2.20	How far is the nearest antenatal care provider by most common form of transport?	<b>MINUTES</b>		
<i>Now, I am going to ask some questions about your contact with community health workers</i>				
7.2.21	In the past 3 months, has any community health worker visited you in your home?	0=No (→7.2.23), 1=Yes		
7.2.22	Which community health workers visited your home? <i>(List all that apply)</i>	1=BRAC CHP 2=Gov't VHT	3=Other NGO 4=Other (specify)	
7.2.23	In the past 3 months, has your household had contact with any community health workers outside of your home?	0=No (→7.2.28), 1=Yes		
7.2.24	In the past 3 months, how many times has your household had contact with any community health workers in the community (outside of the health clinic or your home)?	<b>NUMBER</b>		
7.2.25	Which community health workers did you have contact with outside of your home?	<b>SEE CODES FOR 7.2.22</b>		
7.2.26	Where did you have contact with the community health worker? <i>(List all that apply)</i>	1=Immunization outreach 2=community meeting	3=Community Growth Monitoring session 4=other	
7.2.27	What topics did the community health worker discuss? <i>(List all that apply)</i>	1=Information on breastfeeding 2=Information on feeding children (other than breastfeeding) 3=Information on nutrition 4=Information on healthy pregnancy 5=Information on Growth Monitoring and Promotion	6=Information on Immunization 7=Information on hygiene/latrine use 8=information on safe water use 9=Information on family planning 10=Other	
<i>I am going to ask the following question about the growth and nutrition of your last child, [NAME] (from 7.1.2)</i>				

7.2.28	Does [NAME] have a growth card or immunization card that indicates weight?	0=No, 1=Yes	
7.2.29	In the past three months, was [NAME] ever weighed?	0=No (→7.2.34), 1=Yes	
7.2.30	Where was [NAME] weighed?	1=At home 2=Community Growth Monitoring session 3=Gov't hospital 4=Immunization drive	4= Gov't clinic 5=Private hospital 6=Private clinic 7=Other (specify)
7.2.31	Were you told [NAME]'s weight after the measurement?	0=No, 1=Yes	
7.2.32	Were you told [NAME]'s weight gain or weight loss after the measurement?	0=No, 1=Yes	
7.2.33	Were you given any advice about growth after [NAME] was measured?	0=No, 1=Yes	

Now I'm going to ask you some questions about feeding infants and children

7.2.34	At what age should a baby be given water for the first time?	SPECIFY: Y=Years, M=Month, D=Days	
7.2.35	At what age should a breastfeeding baby be given additional foods (such as porridge) for the first time?	SPECIFY: Y=Years, M=Month, D=Days	
7.2.36	If a mother is healthy, how long should she continue to breastfeed her child, even after her child is given additional liquids and foods?	SPECIFY: Y=Years, M=Month, D=Days	
7.2.37	What steps should you take if your child (aged 6-24 months) has diarrhea? ( <i>List all that apply</i> )	1=give ORS/home prepared solution 2=feed less than usual 3=feed the usual amount of food 3=feed more than usual 4=give less liquids than usual	5=give the usual amount of liquids 6=give more liquids than usual 7=breastfeed more often 8=give syrups 9=give traditional medicine 10 =give zinc 11 = others (specify)
7.2.38	What steps should you take <b>after</b> your child (6-24 months) is recovering from diarrhea or illness? ( <i>List all that apply</i> )	1=feed less than usual 2=feed the usual amount of food 3=feed more than usual	4=feed an extra meal every day for 2 weeks 5=give more liquids than usual 7=continue breastfeeding
7.2.39	How many meals and snacks <b>per day</b> should a child of 13-24 months be fed? ( <i>Estimate</i> )	a) <b>NUMBER of Meals</b> b) <b>NUMBER of Snacks</b>	

**ASK THE FOLLOWING QUESTIONS ONLY IF [NAME] IS UNDER 2 (LESS THAN 24 MONTHS). CHECK 7.1.5.**

7.2.40	Did you ever breastfeed [NAME]?	0=No (→7.2.42), 1=Yes	
7.2.41	How long after birth did you first put [NAME] to the breast? ( <i>If less than 1 hour, record '000'. If less than 24 hours, record hours. Otherwise, record days</i> )	HOURS = DAYS = 000=Immediately	
7.2.42	In the first three days after delivery was [NAME] drink anything besides breastmilk?	0=No (→7.2.44), 1=Yes	
7.2.43	What was [NAME] given to drink? <b>Probe: Anything else?</b>  ( <i>List all liquids mentioned</i> )	1=milk (other than breastmilk) 2=plain water 3=sugar or glucose water 4=salt-sugar-water solution 5=fruit juice	6=infant formula 7=tea/infusions 8=coffee 9=honey 10=other (specify)
7.2.44	Was [NAME] breastfed yesterday during the day or at night?	0=No, 1=Yes	
7.2.45	Did [NAME] consume breast milk in any other way (spoon, cup, bottle, wet nurse, etc) yesterday during the day or at night?	0=No, 1=Yes	
7.2.46	Was [NAME] given any medicines/vitamins as drops yesterday during the day or at night?	0=No, 1=Yes	
7.2.47	Was [NAME] given any ORS yesterday during the day or at night?	0=No, 1=Yes	
7.2.48	Did [NAME] consume any of the following liquids <b>yesterday during the day or night? (In the past 24 hours)</b>	Did [NAME] Consume? 0=No (→Next line), 1=Yes	NUMBER of times
A	Plain water		
B	Infant formula (such as NAN, SMA)		
C	Milk (tinned, powdered, or fresh milk)		
D	Juice		
E	Clear broth		
F	Thin Porridge		
G	Yoghurt (Bongo)		
H	Any other liquids		
I	Fortified baby foods (such as Cerelac)		
7.2.49	Did [NAME] drink anything from a bottle with a nipple yesterday during the day or night?	0=No, 1=Yes	

### Section 7.3: Dietary Diversity

Please report the following quantities of food consumed in the last 24 hours or seven days

Food Code	Food Group	In the past 24 hours...	
		Did you eat any of [FOOD GROUP]?	Did your youngest child, [NAME] eat any of [FOOD GROUP]?
		0=No 1=Yes 99=Don't Know	0=No (→Next FOOD) 1=Yes 99=Don't know
7.3.1	7.3.2	7.3.3	7.3.4
1	Grains and Cereals (maize, rice, sorghum, millet, bread, porridge)		
2	Roots and Tubers (cassava, Irish potatoes, white sweet potatoes, yam, matooke)		
3	Legumes and Nuts (beans, cowpeas, groundnuts, simsim)		
4	Dairy Products (milk, yoghurt, cream, cheese, ghee, butter)		
5	Flesh Foods (beef, pork, goat, chicken, duck, rabbit)		
6	Liver, kidney, heart, or other organ meat		
7	Eggs		
8	Fresh or dried fish		
9	Vitamin A-rich vegetables and tubers (orange-fleshed sweet potato, pumpkin, carrots, squash)		
10	Vitamin A-rich fruits (orange coloured fruits, like ripe mangoes, ripe paw-paw)		
11	Dark green leafy vegetables (sukuma wiki, dodo, eshigwa, etc)		
12	Other fruits(e.g. jackfruit, pineapples, oranges) and vegetables (e.g. cabbages, eggplants, tomatoes)		
13	Oils, fats, or butter		
14	Spices (salt, pepper, chilli, sugar, etc)		
7.3.5	Did [NAME] eat any solid, semi-solid, or soft foods yesterday?	0=No (→7.4.1), 1=Yes	
7.3.6	How many times did [NAME] eat any solid, semi-solid, or soft foods other than liquids yesterday? ( <i>Probe: does this include snacks?</i> )	<b>NUMBER of TIMES</b>	

### Section 7.4: Nutrient Rich Food Consumption and Vitamin A Knowledge

7.4.1	When sweet potatoes are available, how often does your household eat them?	0=Never (→7.4.8) 1=1-2 times a month 2=1-2 times a week	3=2-5 times a week 4=every day 99=Don't know	
7.4.2	How often do you purchase sweet potatoes in the market?		<b>SEE CODES 7.4.1</b>	
7.4.3	Does anyone in your household ever consume sweet potato leaves?		0=No, 1=Yes	
7.4.4	Do you ever feed sweet potatoes to young children in your household?		0=No, 1=Yes	
7.4.5	Do you ever feed porridge made of sweet potato to young children in your household?		0=No, 1=Yes	
7.4.6	Are the sweet potatoes consumed by your household ever orange-fleshed?		0=No, 1=Yes	
7.4.7	How often does your household consume orange-fleshed sweet potatoes?		<b>SEE CODES 7.4.1</b>	
7.4.8	How often does your household consume beans?		<b>SEE CODES 7.4.1</b> (If 0→7.4.10)	
7.4.9	How often has your household consumed beans that are rich in iron?		<b>SEE CODES 7.4.1</b>	
7.4.10	How often does your household consume groundnuts?		<b>SEE CODES 7.4.1</b>	
7.4.11	Have you ever heard of Vitamin A?		0=No (→7.4.13), 1=Yes	
7.4.12	Where did you learn about Vitamin A?	1=Doctor or clinic officer 2=Nurse 3=Midwife	4=Gov't VHT 5=BRAC CHP 6=Other NGO health promoter	
7.4.13	Which of the following foods are rich in vitamin A ( <i>Read options to the respondent and list all that apply</i> )	1=Irish potato 2=Mango 3=Goats meat 4=Carrots	5=Paw-Paw 6=Posho 7=Matooke 8=Pumpkin	

**SECTION 8: FINANCIAL ACTIVITIES****Section 8.1: Credit and Savings**

8.1.1	In the past 12 months, have you or any member of the household borrowed any funds or obtained any goods or services on credit?	0=No (→8.1.5), 1=Yes	
8.1.2	From where? ( <i>List all that apply</i> )	<b>SEE LOAN SOURCE CODE</b>	
8.1.3	In the past 12 months, have you or any member of the household applied for a loan but were refused?	0=No (→8.1.7), 1=Yes	
8.1.4	Why were they refused?	1=No security 2=Prior defaults 3=Bureaucracy	4=Other (specify) 99=Don't know
8.1.5	Have you or any members of your household ever defaulted on a loan?	0=No, 1=Yes	
8.1.6	How much money could you collect in three days in an emergency from any source?	<b>UGX</b>	
8.1.7	If you wanted to borrow UGX 300,000 for six months, would you be able to?	0=No, 1=Yes	
8.1.8	If you had UGX 200,000 in cash, would you prefer to save it in cash form (at a bank, MDI, SACCO, at home), or would you prefer to invest it in an asset (land, livestock, business asset, etc)	1=Save in cash 2=Invest in asset	

***Now I am going to ask you about all of the loans and savings you or members of your household have had in the past 12 months***

Loan Code	What is the source of this loan? ( <b>SEE LOAN SOURCE CODE LIST</b> )	What is the form of this loan? 1=Cash 2=In-kind 3=Asset	What is the total value of this loan (received)? ( <b>UGX</b> )	What is the total value of this loan to be paid back to the lender? ( <b>UGX</b> )	What is the total outstanding amount (still owed) on this loan? ( <b>UGX</b> )	What is the total duration of this loan? ( <b>MONTHS</b> )	Did this loan require any security or collateral? 0=No 1=Yes
8.1.9	8.1.10	8.1.11	8.1.12	8.1.13	8.1.14	8.1.15	8.1.16
1							
2							
3							
4							
5							

***Now I am going to ask you about the savings you and members of your household are currently holding***

Savings Form	Code	Do you or any household member currently have any savings in [FORM]? 0=No (→Next line) 1=Yes	What is the total value of current savings stored in [FORM]? ( <b>UGX</b> )	Household member primarily responsible for these savings? ( <i>List all that apply</i> ) ( <b>SEE HHID CODE</b> )
8.1.17	8.1.18	8.1.19	8.1.20	8.1.21
Bank Account	1			
SACCO/ROSCA	2			
Registered MDI	3			
At home	4			
Someone holding your money	5			
Other (specify)	6			

**LOAN SOURCE CODE (8.1.2, 8.1.10)**

1=Commercial Bank    2=SACCO/ROSCA    3=MDI/MFI (not BRAC)    4=BRAC    5=Other NGO    6=Local moneylender  
7=Shop credit    8=Relative/Family    9=Friends    10=Landlord    11=Employer    12=Other (specify)

## SECTION 9: RISK, TIME, AND FINANCIAL LITERACY

### Section 9.1: Risk Preferences

Assume there are two sweet potato varieties that have different yield potential depending on how much it rains. Below you will make 5 choices between the two varieties, Variety A and Variety B, under different situations about possible rainfall. Both varieties would fetch the same price in the market, so they only differ in the possible yields. For each of the following 5 cases, please tell us whether you would prefer variety A or variety B in each case. All yields are measured in units of **50 kg** sacks. Variety B performs extremely well under very good rainfall conditions, yielding 95 sacks. But it does not perform that well if rainfall is poor; with poor rainfall Variety B yields only 5 sacks. On the other hand, Variety A gives more consistent yields: if there is very good rainfall, it yields 60 sacks, and if there is poor rainfall it will yield 40 sacks. So Variety B is more risky than Variety A.

We will ask you now to please tell us which variety you would prefer under different situations where the chance of very good rainfall is increasing from 10% to 100%. If the chance of very good rainfall is 1 out of 10 and that of poor rainfall is 9 out of 10, which variety would you choose? And we will keep changing the chance of very good rainfall. So then we will ask if the chance of good rainfall is now two out of ten and the chance of poor rainfall is 8 of 10, what would you choose? And so on...

**Variety A (safe): 60 sacks under good rainfall, 40 sacks under poor rainfall**

**Variety B (risky): 95 sacks under good rainfall, 5 sacks under poor rainfall**

9.1.1	Say in the next year, there is a 1 out of 10 chance of very good rainfall, and a 9 out of 10 chance of poor rainfall.	A or B?	
9.1.2	Say in the next year, there is a 3 out of 10 chance of very good rainfall, and a 7 out of 10 chance of poor rainfall.	A or B?	
9.1.3	Say in the next year, there is a 5 out of 10 chance of very good rainfall, and a 5 out of 10 chance of poor rainfall.	A or B?	
9.1.4	Say in the next year, there is a 7 out of 10 chance of very good rainfall, and a 3 out of 10 chance of poor rainfall.	A or B?	
9.1.5	Say in the next year, there is a 9 out of 10 chance of very good rainfall, and a 1 out of 10 chance of poor rainfall.	A or B?	
<i>Now I would like to ask you some questions about your participation and decisions in a hypothetical lottery. Keep in mind there are no wrong answers to these questions.</i>			
9.1.6	Now, assume you can participate in the following lottery: I flip a coin. If the outcome is heads, you win 200,000 UGX. If the outcome is tails, you win nothing. What you receive is purely determined by luck. Would you rather participate in the lottery, or receive 40,000 UGX guaranteed?	1=Lottery 2=40,000	
9.1.7	Would you rather participate in the lottery (200,000 UGX) or receive 80,000 UGX guaranteed?	1=Lottery 2=80,000	
9.1.8	Would you rather participate in the lottery (200,000 UGX) or receive 100,000 UGX guaranteed?	1=Lottery 2=100,000	
9.1.9	Would you rather participate in the lottery (200,000 UGX) or receive 140,000 UGX guaranteed?	1=Lottery 2=140,000	
<i>Now I would like to ask you a question about hypothetical land allocation among certain crops. Keep in mind there are no wrong answers to these questions.</i>			
<i>Assume you have two varieties of a crop. Variety A is a familiar variety, and has a constant yield of 40 sacks, regardless of rainfall conditions. Variety B is a new variety of improved quality, but riskier. When there is good rainfall, variety B yields 80 sacks; in poor rainfall, variety B yields 20 sacks. Assuming that rainfall has a 50/50 chance of being good or bad...</i>			
9.1.10	What proportion of your land would you allocate to...	Variety A Variety B	0=None 2=1/2 1=1/4 3=3/4 4=All
9.1.12	Would you practice mixed cropping with the two varieties or cultivate them in separate stands?	1=Mixed Cropping 2=Single stand	

## Section 9.2: Time Preferences

Now I would like to ask you some questions about your time preferences. Keep in mind there are no wrong answers to these questions.

SHORT TERM		
9.2.1	Would you prefer <b>40,000 UGX</b> today or <b>40,000 UGX</b> guaranteed in 1 month?	1=40,000 tomorrow 2=40,000 in 1 month
9.2.2	Would you prefer <b>40,000 UGX</b> today or <b>60,000 UGX</b> guaranteed in 1 month?	1=40,000 tomorrow 2=60,000 (→9.2.6)
9.2.3	Would you prefer <b>40,000 UGX</b> today or <b>100,000 UGX</b> guaranteed in 1 month?	1=40,000 tomorrow 2=100,000 (→9.2.6)
LONG TERM		
9.2.4	Would you prefer <b>40,000 UGX</b> in 6 months or <b>40,000 UGX</b> guaranteed in 7 months?	1=40,000 in 6 months 2=40,000 in 7 months (→Section 9.3)
9.2.5	Would you prefer <b>40,000 UGX</b> in 6 months or <b>60,000 UGX</b> guaranteed in 7 months?	1=40,000 in 6 months 2=60,000 in 7 months (→Section 9.3)
9.2.6	Would you prefer <b>40,000 UGX</b> in 6 months or <b>100,000 UGX</b> guaranteed in 7 months?	1=40,000 in 6 months 2=100,000 in 7 months (→Section 9.3)

## Section 9.3: Financial Literacy Test

Now I would like to ask you some questions about your knowledge of personal finances. **Prompt the respondent with answer choices.**

9.3.1	Suppose you borrow UGX 100,000 from a moneylender at an interest rate of 2% <b>per month</b> to be paid back fully at the end of three months. After three months, how much do you owe?	1=Less than 102,000 UGX 2=Exactly 102,000 UGX 3=More than 102,000 UGX
9.3.2	If you have UGX 100,000 in a savings account earning 1% interest per year, and prices for goods rise by 2% over the same one-year period, how many goods can you buy in one year with the money in the account?	1=Less than I can today 2=Same as I can today 3=More than I can today
9.3.3	Is it riskier to plant one crop or multiple crops?	1=One crop 2=Multiple crops
9.3.4	Suppose you need to borrow UGX 500,000. Two people offer you a loan. One loan requires you to pay back UGX 600,000 in one month. The second loan requires you to pay back in one month UGX 500,000 plus 15% interest. Which loan represents a better deal for you?	1=600,000 UGX 2=500,000 UGX + 15% interest

## CODE LISTS

**CROP CODES (2.10, 5.2.2, 5.2.19)**

MILLET=1	RICE=10	CARROTS=19	GINGER=28	TEA=37
MAIZE=2	ONIONS=11	SIMSIM=20	MATOOKE=29	PINEAPPLE=38
SORGHUM=3	TOMATOES=12	CHILIES=21	SWEET BANANAS=30	MANGO=39
CASSAVA=4	COWPEAS=13	CASHEWNUTS=22	BREWING BANANAS=31	PAW-PAW=40
WHITE FLESH SWEETPOTATOES=5	FIELD PEAS=14	GROUNDNUT=23	COFFEE=32	JACKFRUIT=41
ORANGE FLESH SWEETPOTATOES=6	PIGEON PEAS=15	SUGAR CANE=24	VANILLA=33	AVOCADO=42
YELLOW FLESH SWEETPOTATOES=7	COTTON=16	TOBACCO=25	YAMS=34	SUKUMA WIKI=43
IRISH POTATOES=8	EGGPLANT=17	PUMPKIN=26	SOYA BEANS=35	GREEN PEPPER=44
BEANS=9	CABBAGE=18	MALAKWANG=27	COWPEA LEAVES=36	OTHER=50

**SELF EMPLOYMENT CODES (4.3.10)**

1= Household land cultivation for sale	10= Small trade/business
2= Poultry/livestock husbandry for sale	11= Large scale business (industry/wholesale)
3= Fisherman/Fish farmer	12= Self employed skilled laborer (carpenter, blacksmith, weaver, mechanic, jeweler, etc)
4= Food processing for sale (baking bread, cooking fish, etc)	13= Self employed professional (doctor, lawyer, etc)
5= Stitching/handicraft/tailoring for sale	14= Community health worker
6= Driver (bus/taxi/boda/car/truck)	15= Renting out land or housing (landlord)
7= Street vendor/hawker	16= Renting out other assets (tractor, car, plow, etc)
8= Homestead-based business	17= Beggar
9= Shop/restaurant/guesthouse owner	18= Other self employed activity (specify)

**SALARY CODES (4.3.14)**

1= Laborer on someone else's land (agricultural day laborer)	10= Employed professional (doctor, lawyer)
2= Non agricultural day laborer (construction, etc)	11= Manager/administrator in a private company/NGO/UN
3= Factory worker	12= Clerk/employee in private company/NGO/UN
4= Poultry/livestock rearer	13= Manager/administrator in government
5= Maid/service staff	14= Clerk/employee in government
6= Driver (bus/taxi/boda/car/truck)	15= Politician
7= Worker in shop/restaurant/hotel	16= Priest/pastor/preacher/imam
8= Skilled employed labor (carpenter, blacksmith, weaver, mechanic, jeweler, etc)	17= Community health worker
9= Teacher	18= Agricultural extension worker
	19= Other salaried activity (specify)

**UNIT CODES LIST (4.4.11, 5.2.7, 5.2.24)**

1=Piece	7=Liter
2=KG	8=Pack
3=Sack	9=Sachet
4=Bunch	10=Gram
5=Heap	11=Tray (30 eggs)
6=Basin	12=Tin (Debbe)
	13=Other, specify

**INPUT SOURCE CODE LIST (5.4.7, 5.4.14)**

1=Fellow farmer	6=Local market	12=BRAC Model Farmer
2=Family member	7=Agri input dealer	13=Other BRAC Staff
3=General merchandise shop	8=Large trading center	14=Other NGO extension agent
4=Moving vendor	9= Wholesale retailer	15=Government extension agent (NAADS)
5=Farmer group, association, or cooperative	10=Own production/stocks	16=Other, specify
	11=BRAC CAP	

on worker  
ion Worker (NAADS)