



Subproject F2.4 : Targeting efficiency and impact assessment of rural credit and land allocation

3rd Round Questionnaire – Household Survey – Vietnam 2010/11

1. Identification

1.1. Date of Interview: Day Month Year

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1.2. Commune name **Code**

1.3. Village name

1.4. Household identification number
(Please write this number on all pages)

1.5. Name of respondent
(Name and ID)

1.6. Name of the Household head

1.7. Interviewer name and code

1.8. Supervisor name and code

1.9. Date checked by supervisor ____/____/____

1.10. Signature of the supervisor

2. Household roster update

HH ID	Date of last visit	Mem ID	2.1. Member name	2.2. Sex 1 = Male 2 = Female	2.3. Age	2.4. Relation to household head 1 = Household head 2 = Spouse 3 = Son / daughter 4 = Father/ mother 5 = Grand parent 6 = Grandchild 7 = Brother or Sister 8 = Other relative 9 = Other non-relative	2.5. Marital status 1 = Single 2 = Married with spouse permanently present in the household 3 = Married with the spouse migrant 4 = Widow / widower 5 = Divorced / separated	2.6. How many months did this member spent in the household <i>since our last visit in [month]</i> ? <i>(write '88' if all months present)</i> MONTHS	2.7. Was this member always present in the household in the past 14 days? 1=Yes 2=No	2.8. If <i>NO</i> , How many nights not present in the HH in the past 14 days?
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3. Expenditures and remittances

3.1. Weekly Expenditures:

3.1.1. In the past 7 days did any member of your household spend money on any of the following items?			3.1.2. How much does your household spend for [ITEM] in a <u>normal</u> week?
ITEM	Yes..... 1 No..... 2	CODE	THOUSAND VND

1. Tobacco, cigarettes, betel, betel nuts		101	
2. Newspapers		102	
3. Lottery		103	
4. Fares for busses, taxis, etc.		104	
5. Parking fees (bicycle, motorcycle etc.)		105	
6. Gasoline		106	
7. Worship		107	
8. Alms/gifts to beggars		108	
9. Shoe shines		109	
10. Sport cost		110	

HH mem. ID (from S2)	3.1.3. Did this member take ANY meal (incl. snacks, breakfast, etc.) outside in the last 7 days	3.1.4. Breakfast		3.1.5. Lunch		3.1.6. Dinner/ Supper		3.1.7. Snacks	
	Yes.....1 No.....2	Nb	Total value '000 VND	Nb	Total value '000 VND	Nb	Total value '000 VND	Nb	Total value '000 VND

1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

Indications to the interviewer

Nature of meal	Ave. value of Lunch/dinner/ cap.	Ave. value of Breakfast/ cap.
1. Special	50,000 VND	
2. Normal	30,000 VND	
3. Simple	20,000 VND	

3.2. Food Expenditures:

3.2.1.a. Did you have visitors in the past 14 days for whom you prepared meals?

Yes..... 1

No.....2 >>3.2.2

b. If Yes, Number of visitors?

Total number of meals (portions) served to the visitors?

Interviewer, read out to the respondent first:

In the next questions we would like to ask you about the food consumption of your household in the past 14 days.

In these questions we consider your household's food consumption acquired by purchases and the food consumption coming from your own production separately.

CODE	ITEM	1= Yes 2= No → next [item]	Bought	THOUSAND VND	A. AMT	B. UNIT	HOME CONSUMPTION	A. AMT	B. UNIT	THOUSAND VND
	3.2.2. Has your household consumed [ITEM] during the past 14 days? <i>Please exclude from your answer [ITEM] used for processing or resale in a household enterprise.</i> <i>Ask Question 3.2.2 for ALL items first. Then ask the remaining questions when the answer is Yes.</i>		3.2.3 Has your household bought [ITEM] during the past 14 days? Yes.....1 No ...2 → 3.2.6	3.2.4 How much did you pay in total?	3.2.5 How much did you buy? <i>Code 2.4</i> 1 = kg 2 = liter 3 =number		3.2.6 Has your household consumed [ITEM] from own production during the past 14 days? Yes.....1 No ...2 → next [ITEM]	3.2.7 How much did you consume of [ITEM] coming from your OWN production? <i>Code 2.6</i> 1 = kg 2 = liter 3 =number		3.28. What was the value of the [ITEM] you consumed from own production?
	CEREALS	-	-	-	-	-	-	-	-	-
1	Ordinary rice									
2	Fragrant rice & H'mong rice									
3	Sticky rice									
4	Maize									
5	Other Cereals (incl. sorghum)									
	PULSES	-	-	-	-	-	-	-	-	-
6	Green bean									
7	Black bean									
8	Other Pulses									
	OIL SEEDS	-	-	-	-	-	-	-	-	-
9	Soybean									
10	Ground nut									
11	Sesame									
12	Other oil seeds									
	ROOTS, TUBERS & VEGETABLES	-	-	-	-	-	-	-	-	-
13	Potatoes									
14	Sweet Potatoes									
15	Cassava									

Household id: _____

	3.2.2. Has your household consumed [ITEM] during the past 14 days? <i>Please exclude from your answer [ITEM] used for processing or resale in a household enterprise.</i> <i>Ask Question 3.2.2 for ALL items first. Then ask the remaining questions when the answer is Yes.</i>		3.2.3 Has your household bought [ITEM] during the past 14 days? Yes.....1 No ...2 → 3.2.6	3.2.4 How much did you pay in total?	3.2.5 How much did you buy? <i>Code 2.4</i> 1 = kg 2 = liter 3 = number		3.2.6 Has your household consumed [ITEM] from own production during the past 14 days? Yes.....1 No ...2 → next [ITEM]	3.2.7 How much did you consume of [ITEM] coming from your OWN production? <i>Code 2.6</i> 1 = kg 2 = liter 3 = number		3.28. What was the value of the [ITEM] you consumed from own production?
CODE	ITEM	1= Yes 2= No → next [item]	Bought	THOUSAND VND	A. AMT	B. UNIT	HOME CONSUMPTION	A. AMT	B. UNIT	THOUSAND VND

16	Carrots									
17	Kohlrabi									
18	Bamboo shoot									
19	Other roots and tubers									
20	Cabbage, cauliflower									
21	Tomatoes									
22	Water morning glory									
23	Green leafy vegetables									
24	Watercress									
25	Various kinds of fresh pea and beans									
26	Pumpkin, calabash, chayote, zucchini, bitter melon...									
27	Other vegetables									
	ANIMAL PRODUCTS	-			-	-	-	-	-	-
28	Beef/Buffalo									
29	Pork									
30	Poultry									
31	Processed meat									
32	Other meat (goat, dog, bird...)									
33	Animal fat									
34	Fresh fish, shirmp									
35	Dried fish and shrimp									
36	Processed fish, shrimp									
37	Other seafoods (crabs, snails...)									
38	Eggs									
39	Other animal products (insects...)									
40	Fresh milk									
41	Condensed milk, Milk Powder, Baby formula									

Household id: _____

	3.2.2. Has your household consumed [ITEM] during the past 14 days? <i>Please exclude from your answer [ITEM] used for processing or resale in a household enterprise.</i> <i>Ask Question 3.2.2 for ALL items first. Then ask the remaining questions when the answer is Yes.</i>		3.2.3 Has your household bought [ITEM] during the past 14 days? Yes.....1 No2 → 3.2.6	3.2.4 How much did you pay in total?	3.2.5 How much did you buy? <i>Code 2.4</i> <i>1 = kg</i> <i>2 = liter</i> <i>3 =number</i>		3.2.6 Has your household consumed [ITEM] from own production during the past 14 days? Yes.....1 No2 → next [ITEM]	3.2.7 How much did you consume of [ITEM] coming from your OWN production? <i>Code 2.6</i> <i>1 = kg</i> <i>2 = liter</i> <i>3 =number</i>		3.28. What was the value of the [ITEM] you consumed from own production?
CODE	ITEM	1= Yes 2= No → next [item]	Bought	THOUSAND VND	A. AMT	B. UNIT	HOME CONSUMPTION	A. AMT	B. UNIT	THOUSAND VND

42	Yogurt									
43	Other milk products									
	FRUITS	-			-	-	-	-	-	-
44	Bananas									
45	Papaya									
46	Citrus Fruits									
47	Mangoes									
48	Longan, litchi									
49	Other Fruits (rambuta, melon...)									
	SPICES & CONDIMENTS	-			-	-	-	-	-	-
50	Onion									
51	Garlic									
52	Ginger									
53	Lemongrass									
54	Other spices									
55	Salt									
56	Food seasoning									
57	Powdered soup									
58	Fish sauce and other sauces									
59	Vegetable oil									
	SWEETENERS	-	-	-	-	-	-	-	-	-
60	White sugar									
61	Brown sugar, molasse, honey									
	BEVERAGES	-			-	-	-	-	-	-
62	Instant Tea/coffee									
63	Soft drinks / fruit juices									

Household id: _____

	3.2.2. Has your household consumed [ITEM] during the past 14 days? <i>Please exclude from your answer [ITEM] used for processing or resale in a household enterprise.</i> <i>Ask Question 3.2.2 for ALL items first. Then ask the remaining questions when the answer is Yes.</i>		3.2.3 Has your household bought [ITEM] during the past 14 days? Yes.....1 No ...2 → 3.2.6	3.2.4 How much did you pay in total?	3.2.5 How much did you buy? <i>Code 2.4</i> <i>1 = kg</i> <i>2 = liter</i> <i>3 =number</i>		3.2.6 Has your household consumed [ITEM] from own production during the past 14 days? Yes.....1 No ...2 → next [ITEM]	3.2.7 How much did you consume of [ITEM] coming from your OWN production? <i>Code 2.6</i> <i>1 = kg</i> <i>2 = liter</i> <i>3 =number</i>		3.28. What was the value of the [ITEM] you consumed from own production?
CODE	ITEM	1= Yes 2= No → next [item]	Bought	THOUSAND VND	A. AMT	B. UNIT	HOME CONSUMPTION	A. AMT	B. UNIT	THOUSAND VND

64	Beer		-	-						
65	Liquors									
66	Other alcoholic beverages									
	PREPARED FOODS CONSUMED	-			-	-	-	-	-	-
67	Dry green tea leaves									
68	Fresh green tea leaves									
69	Coffee powder to be prepared at home									
70	Bread, flour									
71	Noodles									
72	Instant soup									
73	Fried fruits									
74	Tofu									
75	Biscuits and cakes, candy									
76	Misc. other food expenses									
	FREQ. BOUGHT COOKING FUELS	-			-	-	-	-	-	-
77	Firewood									
78	Leaves, grass, rice husks, stubble, straw, stems...									
79	Bottled gas									
80	Other fuel except electricity and biogas									

Conversion rates for foods and other consumption goods (according to VLSS 2004)

1kg rice paddy ~ 0.7 kg of rice

3 kg of fresh sweet potato or cassava ~ 1 kg of dried sweet potato or cassava

1 kg of live pig ~ 0.7 kg of pig without internal organs ~ 0.5 kg of pig without internal organs, bones and head

1 kg of live cow ~ 0.4 kg of cow without internal organs

1 kg of live buffalo ~ 0.3 kg of buffalo without internal organs

1 kg of chicken ~ 0.7 kg of processed chicken

3 kg of fresh shrimp or fish ~ 1 kg of dried shrimp or fish

12 kg of fresh tea buds ~ 1 kg of dried tea buds

4.6 kg fresh coffee beans ~ 1 kg dried coffee beans

1 kg of fresh maize with cob ~ 0.2 kg of dried seed

1 kg of dried maize with cob ~ 0.6 kg of dried seed

3.3. Food consumption by Food group

Interviewer first read out to the respondent:

In the next question we would like to ask you about your household's food consumption from own production (e.g. own harvest, vegetable garden, fish pond ,animal husbandry and wild collection / hunting). We are interested whether your household consumed from your own production any foods from a particular food group on a regular basis (i.e. more then once per month) in the past 3 years (i.e. 2007 to 2010) for the period of December to January and the period of March to April.

C o d e	Food group	Example	December to January period				March to April period				
			3.3.1 Considering the <u>period Dec/Jan in the past 3 years</u> did your household consume any foods from [food group] from own production on a regular basis in any of these years <u>(e.g. 2007 to 2010)?</u>	If the answer to 3.3.1 = Yes			3.3.5 Considering the <u>period March/April in the past 3 years</u> did your household consume any foods from [food group] from own production on a regular basis in any of these years <u>(e.g. 2007 to 2010)?</u>	If the answer to 3.3.5 = Yes			
				3.3.2 ...in the period <u>DEC 2009/ JAN 2010</u> <u>(1 year before)?</u>	3.3.3 ...in the period <u>DEC 2008/JAN 2009</u> <u>(2 years before)?</u>	3.3.4 ...in the period <u>DEC 2007/JAN 2008</u> <u>(3 years before)?</u>		3.3.6 ...in the period <u>March/ April 2010</u> <u>(last visit)?</u>	3.3.7 ...in the period <u>March/ April 2009</u> <u>(1 year before)?</u>	3.3.8 ...in the period <u>March/ April 2008</u> <u>(2 years before)?</u>	3.3.9 ...in the period <u>March/ April 2007</u> <u>(3 years before)?</u>
			1=Yes 2= No, never >> 3.3.5	1= Yes 2=No	1= Yes 2=No	1= Yes 2=No	1=Yes 2= No, never >> next group	1= Yes 2=No,	1= Yes 2=No	1= Yes 2=No	1= Yes 2=No
1	Cereals	Rice, maize, others									
2	Roots and tubers	Potatoes, sweet potatoes, cassava									
3	Meat	Beef, pork, poultry, goat, dog, bird, insects...									
4	Fish and seafood	Fish , shrimp, crabs, snails...									
5	Eggs										
6	Milk and dairy	Fresh milk, (yoghurt)									
7	Oils and fats	Vegetable oils and animal fat									

Household id: _____

C o d e	Food group	Example	December to January period				March to April period				
			3.3.1 Considering the <u>period Dec/Jan in the past 3 years</u> did your household consume any foods from [food group] from own production on a regular basis in any of these years (e.g. 2007 to 2010)?	If the answer to 3.3.1 = Yes			3.3.5 Considering the <u>period March/April in the past 3 years</u> did your household consume any foods from [food group] from own production on a regular basis in any of these years (e.g. 2007 to 2010)?	If the answer to 3.3.5 = Yes			
				3.3.2 ...in the period <u>DEC 2009/ JAN 2010</u> (1year before)?	3.3.3 ...in the period <u>DEC 2008/JAN 2009</u> (2 years before)?	3.3.4 ...in the period <u>DEC 2007/JAN 2008</u> (3 years before)?		3.3.6 ...in the period <u>March/ April 2010</u> (last visit)?	3.3.7 ...in the period <u>March/ April 2009</u> (1 year before)?	3.3.8 ...in the period <u>March/ April 2008</u> (2 years before)?	3.3.9 ...in the period <u>March/ April 2007</u> (3 years before)?
1=Yes 2= No, never >> 3.3.5	1= Yes 2=No	1= Yes 2=No	1= Yes 2=No	1=Yes 2= No, never >> next group	1= Yes 2=No,	1= Yes 2=No	1= Yes 2=No	1= Yes 2=No			
8	Fruits	Bananas, papaya, citrus fruits, mangoes, longan...									
9	Vegetables	Carrots, kohlrabi, bamboo shoot, cabbage, green leafy vegetables, fresh peas and beans, pumpkin...									
10	Pulses, legumes and nuts	Green bean, black bean, soybean, ground nut, sesame...									
11	Honey, molasse										
12	Beverages	Tea, alcohol									
13	Condiments	Onion, garlic, ginger, lemongrass...									

3.4.Durable Goods:

3.4.1. What assets has your household bought or sold <u>since our last visit</u> (i.e. in March/April 2010)? <i>(enumerator: help the respondent to remember the time of our second visit)</i> (read Code 1 and make stick for assets that the hh has bought or sold)	3.4.2. Number bought? (ask only for items marked with * in the list)	3.4.3. How much did you pay? THOUSAND VND	3.4.4. Number sold? (ask only for items marked with * in the list)	3.4.5. How much did you receive? THOUSAND VND
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Bought	Sold	Asset
		1= Trunk / Suitcase
		2= Buckets / Pots
		3= Metal cooking pots
		4= Gas cooker*
		5= Bed
		6= Cupboard
		7= Wardrobe of any kind*
		8 =Living room set*
		9= Electric fans
		10= Iron
		11= Wall clock / Watch
		12= Sewing/knitting machine*
		13= Water filters*
		14= Radio, radio receiver,phonograph*
		15= Telephone sets*
		16= Mobilephones*
		17=Cassette player/CD player (music)*
		18= Computer (including Fax, Scanner, printer etc.)*
		19= Video player (VCR,VCD, etc) *
		20= Camera, video camera*
		21= Color Television*
		22= Black and White Television*
		23= Satellite dish*
		24= Bicycle*
		25= Motorcycle*
		26= Car*
		27= Other Motor vehicle*
		28= Electric cookers, rice cookers, pressure cookers*
		29= Refrigerators, freezers*
		30= Washing machine, drier*
		31= Water heaters*
		32= Air conditioner*
		33= Safe*
		34=Other* (Specify).....

* : Ask value, quantity, number

Household id: _____

3.5. Remittances given:

3.5.1. **Since our last visit (i.e. March/April 2010)**, has any member of your household provided money or goods to persons who are not members of your household? For example, to relatives living elsewhere, child support or alimony, or to friends and neighbors (e.g. gifts for holidays and social ceremonies)?

YES.....1 >> ask 3.5.2 – 3.5.7
NO.....2 >> NEXT SECTION

	3.5.2. What are the names of the persons to whom household members have sent assistance since our last expenditure visit (i.e; March/April 2010)? <div>LIST ALL NAMES BEFORE GOING TO 1.4.3-1.4.7</div>	3.5.3. Where does this person live? 1= In village Elsewhere in Yen Chau... 2= ...≤ 20 km 3= ...> 20 km Elsewhere in Vietnam... 4= ...≤ 20 km 5= ...> 20 km 6= Abroad	3.5.4. In which months did you send assistance to [RECIPIENT]?	3.5.5. How much money have members of the household sent to [RECIPIENT] since our last expenditure visit?	3.5.6. Did you also send any food or other goods to [RECIPIENT] since our last expenditure visit? Yes...1 No...2 (>> next person)	3.5.7. What is the approximate value of the food or other goods sent?
	NAME (if person from the hh roster, note down member ID additionally)	CODE LOC	MONTH (4-12/2010)	THOUSAND VND		THOUSAND VND
A.						
B.						
C.						
D.						
E.	Total custom/holiday presents					

3.6. Remittances received

3.6.1. **Since our last visit (i.e. March/April 2010)**, has any member of your household received money or goods from persons who are not members of your household (and not government or NGO)? For example, from relatives living elsewhere, friends and neighbors?

YES.....1 >> ask 3.6.2 – 3.6.7
NO.....2 >> NEXT SECTION

Person code	3.6.2. Where does this person live? 1= In village Elsewhere in Yen Chau 2= ...≤ 20 km 3= ...> 20 km Elsewhere in Vietnam 4= ...≤ 20 km 5= ...> 20 km 6= Abroad	3.6.3. In which months did you receive cash/in-kind gift from this person?	3.6.4. How much money have you received from this person since our last expenditure visit? (if no cash money received, write '0')	3.6.5. Did this person give you some food or other goods since our last expenditure visit? 1= Yes 2= No (>>next person)	3.6.6. What kind of item was it? 1= Food item 2= Non food item 3= Clothing/footwear 4= Durable good 5= Livestock 6= Other	3.6.7. What is the approximate value of food or goods received?
	CODE LOC	MONTH (4-12/2010)	THOUSAND VND		CODE ITEM	THOUSAND VND
A						
B						
C						
D						
E						

3.7. Housing indicators

3.7.1. Is this dwelling owned by a member of your household?		1=Yes 2=No >> go to 3.7.5.
3.7.2. During the past 3 years (since April 2007) did your household invest anything into maintenance or improvements of the housing conditions? <i>(Interviewer: note that 1. and 2. are ranks of importance)</i>	1. 2.	1= Improvements in the housing substance (e.g. roof, floor, extension in rooms, etc.) 2= Improvements in utilities (e.g. water pipes, electricity, toilets) 3=Built new house 4= Maintenance only 5= No maintenance / improvements
3.7.3. Now, we would like to ask you about the value of your house, including the land plot.		
A. Compared to your estimate of the value of your house and land plot 3 years ago (2007), how would you evaluate the value of the house and land plot today?		1=Increased value 2=Decreased value 3=Same value >> go to 3.7.3.D
B. If you sold this dwelling – including the land plot – today, how much would you receive for it?		‘000 VND
C. What are the most important reason and the second most important reason for the increase / decrease of the value of the house and land plot? <i>(Interviewer: note that 1. and 2. are ranks of importance)</i>	1. 2.	Code: Increase in value 1=Improvements in the housing conditions 2=Increase in general price level 3=New house 4=Other (specify) Code: Decrease in value 4=Lack of maintenance 5=Damage (e.g. storm, fire) 6=Other (specify)
D. How do you estimate the value of your house (without the land plot)?		‘000 VND
E. Taking into account the <u>condition</u> of your house (without the land plot) <u>three years ago</u> , how do you estimate its value at that time (2007)?		‘000 VND
3.7.4. Now, we would like to ask you about the amount of money you could receive as rent if you lent this dwelling – including the land plot – to another person.		
A. Compared to the rent you could receive for your house and land plot 3 years ago (2007), do you think you could receive more, less, or the same rent today?		1= More rent 2= Less rent 3= Same rent >> go to 3.7.5.
B. Estimate please, the amount of money you could receive for renting out the house – including the land plot – today to another person.		A. ‘000 VND
		B. Time unit 1=Day 2=Week 3=Fortnight 4=Months 5=Quarter 6=Half year 7=Year
C. What is the most important reason and the second most important reason for the increase / decrease of the possible rent you could receive when lending your house and land plot to another person? <i>(Interviewer: note that 1. and 2. are ranks of importance)</i>	1. 2.	Code: Increase in value 1=Improvements in housing conditions 2=Increase in general price level 3=New house 4=Other (specify) Code: Decrease in value 4=Lack of maintenance 5=Damage (e.g. storm, fire) 6=Other (specify)
3.7.5. How much did your household pay in the past 12 months for the following services (for household uses only)? <i>Interviewer: If the household did not pay anything, write zero ‘0’.</i>		
A. Electricity		‘000 VND
B. Water		‘000 VND
C. Telephone		‘000 VND

Code 1: Plot type

- 1 = Forestry land
- 2 = Perennial tree land
- 3 = Paddy field irrigated
- 4 = Paddy field non irrigated
- 5 = Other farming land irrigated
- 6 = Other farming land non irrigated
- 7 = Fish pond
- 8 = Land for livestock
- 9 = Residential land
- 10 = *Other (specify)***
- 11=Garden

Code 2: Water sufficiency

- 1 = Sufficient for 2 crops season every year
- 2 = Sufficient for 2 crops in good years
- 3 = Sufficient for one crop for most of the years
- 4 = Water not or almost not available

Code 3: Soil quality

- 1= Good
- 2= Medium
- 3= Poor

Code 4: Aquisition

- 1=Allocated by government without Red Book (cooperative/village, etc.)
- 2=Allocated by the government with Red Book
- 3=Inheritance
- 4=Purchase
- 5=Converted forestry or wild land into agricultural land
- 6=Given by parents
- 7=Exchange
- 8=Other (specify)

Land use

4.1. Plot update since 2007– Land with use right certificate

Interviewer: check the given data for correctness and ask the additional questions

After asking Q. 4.1.1-4.1.12 continue with Q.4.1.13 – 4.1.23 on the next page **BEFORE** continuing with next plot

4.1.0. How many Red book plots does your household own?

number (if, no Red book plots owned, write '0' >> continue with Q.4.2.)

	General information										Acquisition and use right		
HH Id	Plot ID	4.1.1. Plot type	4.1.2. Total area (as in RB)	4.1.3. Actual area	4.1.4. (If Code 1 = 3,4, 5 or used to grow paddy rice) Water sufficiency	4.1.5. Distance to house in walking minutes	(For all plots except fishponds, paddy fields and residential land)				4.1.10. How was the plot first acquired?	4.1.11. In which year was this plot first acquired?	4.1.12. In which year was this plot first allocated with a Red Book?
							4.1.6. Slope	4.1.7. Soil quality (as in 2007)	4.1.8. Has the quality of the soil changed since 2007? 1=Yes, declined 2=Yes, increased 3=No>> 4.10	4.1.9. How do you assess the quality of the soil now?			
		Code 1	M ²	M ²	Code 2	MIN	CODE SLOPE	Code 3		Code 3	Code 4	YEAR	YEAR

x	1														
x	2														
x	3														
x	4														
x	5														

Household id: _____

Code 5: Reason not cultivated anymore

- 1= Plot confiscated
- 2= Mortgaged out
- 3= Plot rented out (definite time/rental)
- 4= Plot lent out (no payment)
- 5= Formal land transfer (registered)
- 6= Informal land transfer (not registered)
- 7= Plot given away (no payment)
- 8=Kept by household but left fallow
- 9=Exchange
- 10= Rubber plantation
- 11= Other (specify)

Code 10:

- 1=Need cash
- 2=Cannot use the plot profitably
- 3=Other hh needs the land more urgently than our hh
- 4=Other (specify)

Code 6: New user

- 1=First degree relative
- 2=Other relative
- 3=Friend/Neighbour
- 4=Other person

Code 11: Authority

- 1=Village head
- 2=Village board
- 3=Land use authority
- 4=Other (specify)

Code 7: Lives in

- 1=Same village
- 2=Same commune
- 3=Other (specify)

Code 12: Land use

- 1=Paddy rice
- 2=Upland Rice
- 3=Maize
- 4=Cassava
- 5=Sweet Potato
- 6=Sugar Cane
- 7=Beans
- 8=Banana
- 9=Vegetables
- 10=Cotton
- 11=Tea

Code 8: Payment period

- 1=Monthly
- 2=Yearly
- 3=One time payment
- 4=Other (specify)

Code 9: Payment type

- 1=Cash
- 2=In-kind
- 3=Labour
- 4=Other (specify)

- 12=Coffee
 - 13=Mango
 - 14=Longan
 - 15=Litchi
 - 16=Other fruit tree
 - 17=Fallow
 - 18=Fish pond
 - 19=Land was not yet received
 - 20=Other (specify)
-

4.1. Plot update – Land with use right certificate – *continued*

Land use																							
P L O T I D	4.1.13. If you leased this plot out how much would you receive?		4.1.14. What share of the area was cultivated by your HH in 2010?	4. 1.15. <i>If < 100%:</i> Reason	4. 1.16. Since when?		<i>If 4.15. code 5 = 2-7:</i>				4.1.20 Payment			4.1.21 What was the reason for lending / giving away the plot?	4.1.22. Did you inform any authority? <i>If yes:</i> Whom?	4.1.23. <i>If (part of) the plot was used for cultivation:</i> How did you use the plot in 2010?							
							4.1.17 To whom?	4.1.18 Where does the person live?	4.1.19. Was a fixed borrowing period agreed?							Last season		Previous season					
	'000 VND	Nb months	% <i>If full plot (100%) >> 4.1.23</i>	Code 5	mm	yy	Code 6	Code 7	1=Yes 2=No 3=End of use right period	Nb months	'000 VND	Time Code 8	Kind Code 9	Code 10	1=Yes 2=No	Code 11	code 12	% area	code 12	% area	code 12	% area	code 12
1																							
2																							
3																							
4																							
5																							

Household id: _____

Code 1: Plot type

- 1 = Forestry land
- 2 = Perennial tree land
- 3 = Paddy field irrigated
- 4 = Paddy field non irrigated
- 5 = Other farming land irrigated
- 6 = Other farming land non irrigated
- 7 = Fish pond
- 8 = Land for livestock
- 9 = Residential land
- 10 = Other (specify)

Code 2: Water sufficiency

- 1 = Sufficient for 2 rice season every year
- 2 = Sufficient for 2 crops in good years
- 3 = Sufficient for one crop for most of the years
- 4 = Water not or almost not available

Code 3: Soil quality

- 1= Good
- 2= Medium
- 3= Poor

Code 4: Landlord

- 1=First degree relative
- 2=Other relative
- 3=Neighbour/friend
- 4=Other person
- 5=Group of farmers
- 6=Village/commune
- 7=No one
- 8=Other (specify)

Code 5: Tenure contract

- 1=Fixed rent contract
- 2=Share tenancy
- 3=Mortgage collateral
- 4=Borrowed (no payment)
- 5= No contract (e.g. converted wild/forestry land)
- 6=Informal purchase
- 7=Given (no payment)
- 8= Other (specify)

Code 6:Payment

- 1=Cash
- 2=In-kind
- 3=Labour
- 4=Other

Code 7: Authority

- 1=Village head
- 2=Village board
- 3=Land use authority
- 4=Other (specify)

4.2. Plot update since 2007 – Land without use right certificate

Interviewer: check the given data for correctness and ask the additional questions

After asking Q. 4.2.1-4.2.17 continue with Q.4.1.18 – 4.1.27 on the next page **BEFORE** continuing with next plot

4.2.0. How many plots without use right certificate does your household cultivate?
continue with Q.4.3)

number (if, no plots without use right certificate cultivated, write ‘0’ >>

General information											Contract agreements									
HH ID	Plot ID	4.2.1. Plot type	4.2.2. Total area	4.2.3. Actual area	4.2.4. (If Code 1 = 3,4, 5 or used to grow paddy rice) Water sufficiency	4.2.5. Distance to house in walking minutes	(For all plots except fishponds, paddy fields and residential land)				4.2.10. Who has the use right on this plot?	4.2.11. Type of contract	4.2.12. What is the main type of payment	4.2.13. How much do you pay?		4.2.14. When was the plot received	4.1.15. Was a period defined with the land lord?	4.1.16. For how long is the borrowing /renting period agreed?	4.1.17. Did you inform any authority? If yes: Whom?	
		Code 1	M²	M²	Code 2	MIN	4.2.6. Slope CODE SLOPE	4.2.7. Soil quality (as in 2007) Code 3	4.2.8. Has the quality of the soil changed since 2007? 1=Yes, declined 2=Yes, increased 3=No>> 4.10	4.2.89. How do you assess the quality of the soil now? Code 3	Code 4	Code 5	Code 6	‘000 VND	‘88’ = one time payment Nb months	YEAR	1=Yes 2=No	Nb months	1=Yes 2=No	Code 7
	101																			
	102																			
	103																			
	104																			
	105																			

Code 8: Reason not cultivated anymore

- 1 = Plot returned to use right owner
- 2 = Plot confiscated
- 3 = Rented out (definite time/rental)
- 4 = Borrowed (no payment)
- 5 = Mortgaged out
- 6 = Given away (no payment)
- 7 = Sold
- 8 = Kept by household but left fallow
- 9 = Rubber plantation
- 10 = Other (specify)

Code 9: New user

- 1 = First degree relative
- 2 = Other relative
- 3 = Friend/Neighbour
- 4 = Other person

Code 10: Living place

- 1 = Same village
- 2 = Same commune
- 3 = Other (specify)

Code 11: Payment period

- 1 = Monthly
- 2 = Yearly
- 3 = One time payment
- 4 = Other (specify)

Code 12: Payment type

- 1 = Cash
- 2 = In-kind
- 3 = Labour
- 4 = Other (specify)

Code 13:

- 1 = Need cash
- 2 = Cannot use the plot profitably
- 3 = Other hh needs the land more urgently than our hh
- 4 = Other (specify)

Code 14: Authority

- 1 = Village head
- 2 = Village board
- 3 = Land use authority
- 4 = Other (specify)

Code 15: Land use

- 1 = Paddy rice
- 2 = Upland Rice
- 3 = Maize
- 4 = Cassava
- 5 = Sweet Potato
- 6 = Sugar Cane
- 7 = Beans

- 8 = Banana
- 9 = Vegetables
- 10 = Cotton
- 11 = Tea
- 12 = Coffee
- 13 = Mango
- 14 = Longan
- 15 = Litchi

- 16 = Other fruit tree
 - 17 = Fallow
 - 18 = Fish pond
 - 19 = Land was not yet received
 - 20 = Other (specify)
-

4.2. Plot update – Land without use right certificate - *continued*

[illegible]

4.3. Total area planted with rice, maize and most important other crop in 2009

4.3.1. What was the total area on which you planted paddy in

2009 (summer season) _____ m² 2009 (spring season) _____ m²

4.3.2. What was the total area on which you planted maize in

2009 (summer season) _____ m² 2009 (spring season) _____ m²

4.3.3. What was the total area on which you planted [most important other crop (specify)] in

2009 (summer season) _____ m² 2009 (spring season) _____ m²

4.4. Land reallocation

4.4.1. Since July 2007 did any (Re)allocation occur in your village? ☐ 1=Yes
2=No >> 4.4.2

A L L O C A T I O N	4.4.2 Date of (Re)- allocation		4.4.3 Did you receive more or less area of paddy on your Red Book?	4.4.4 Did you receive more or less area of upland on your Red Book?	4.4.5 Did you receive more or less area of perennial crop land on your Red Book	4.4.6 How satisfied were you by this (Re)allocation?	4.4.7 Give the main reason why?
	mm	yy	1=More 2=Less 3=same	1=More 2=Less 3=same	1=More 2=Less 3=same	1=Very unsatisfied 2= Unsatisfied 3= Satisfied 4= Very satisfied	code SAT
1							
2							
3							

Code SAT: Reason for (un)satisfaction

Unsatisfied or Very unsatisfied

- 1=Not enough land allocated
- 2=Land allocated is not good
- 3=Land taken away
- 4=Did not get the land we asked for
- 5=Other _____

Satisfied or Very satisfied

- 6=Got enough land
- 7=Gained in tenure security
- 8=Got good land
- 9=Got more land
- 10=Enabled us to get credit
- 11=Other _____

Interviewer, read slowly and carefully the next question to the household, including the code, and ask household to choose his answer.

4.4.2. Do you think that a reallocation of land in your village before the end of the Use Right Period (i.e. 2019 in most of cases)...

- ...is very likely to occur?..... 1
- ...is likely to occur?..... 2
- ...is unlikely to occur?..... 3
- ...will not occur?..... 4

☐

Code 1 Soil preparation

- 1= Hoe
- 2= Plough using animal traction
- 3= Plough using tractor

Code 2 Variety of seed

- | | |
|--------------------|---------------------|
| Ordinary | Sticky |
| 1= H'mong | 7= Local. |
| 2= Nhi uu 63 | 8= IR 352 |
| 3= Bac uu 64 | 9= N 87 |
| 4= Bac uu 253 | 10= Other (specify) |
| 5= Nhi uu 838 | |
| 6= Other (specify) | |

Code 3 Type of fertilizer

- | | |
|--------------------|-------------------------|
| Mineral | Organic |
| 1= NPK | 6= Home produced manure |
| 2= Urea | 7= Home produced mulch |
| 3= Supelan | 8= Bought manure |
| 4= Kali | 9= Bought mulch |
| 5= Other (specify) | 10= Ashes |
| | 11= Other (specify) |

Code 4

- (the hh can't afford to purchase more and.....)
- 1= Can't get any credit
 - 2= Can't get more credit
 - 3= Don't want to get more credit, because my current debt is too high
 - 4= Don't want to get any/more credit, because crop production is too risky
 - 5= Don't want to get any/more credit because loan taking is too risky
 - 6= Don't like to take credit in general
 - 7= Other (specify)

Code 5 Pesticides

- 13= Other_____.

6.1.1.a. Have you grown paddy rice in 2010 ☐ 2009 ☐ 2008? ☐
1=Yes, 2=No >>6.4.

Interviewer, take the main rice plot with red book from section 4. In cases where there is no rice plot with red book or rice was not grown on the red book plot in the respective years, take the main rice plot without red book.
Member ID from HH roster (Q.2)

[illegible]

6.1. Rice production continued

Code 6 use of residues

- 1= Left crop residues on field to rot
- 2= Left crop residues on field for animals to graze
- 3= Burnt crop residues
- 4= Remove residues from the field

Code 7: use of plot

- 1= Start new cropping cycle with rice.
- 2= Start new cropping
- 3= cycle w/ other crop (specify crop)
- 4= Left field fallow
- 5= Abandoned field

6.2. Technology adoption rice

Code 2 Variety of seed

Ordinary

- 1= H'mong
- 2= Nhi uu 63
- 3= Bac uu 64
- 4= Bac uu 253
- 5= Nhi uu 838
- 6= Other

Sticky

- 7= Local.
- 8= IR 352
- 9= N 87/97
- 10= Other

Code 3 Type of fertilizer

Mineral

- 1= NPK
- 2= Urea
- 3= Supelan
- 4= Kali
- 5= Other (specify)

Organic

- 6= Home produced manure
- 7= Home produced mulch
- 8= Bought manure
- 9= Bought mulch
- 10= Ashes
- 11= Other (specify)

Code 4 Pesticides

(see extra page)

Code 5: Equipment

- 1= Plough using animal traction
- 2= Plough using tractor
- 3= Rice thresher
- 4= Other (specify)_____

Code 7: Stimulation for change

- 1=Incited by Government extension office
- 2=Incited by other extension
- 3=Incited by Neighbour/Relative/Friend
- 4=Own initiative
- 5=Other (specify)

Code 8: Reason for low/high satisfaction

(Very) unsatisfied

- 6=Reduced yields
- 7=Loss in yield stability
- 8=Worst quality
- 9=Loss in marketing opportunities
- 10=Other_____

(Very) Satisfied

- 1=Increased yields
- 2=Gain in yield stability
- 3=Better quality
- 4=Gain in marketing opportunities
- 5=Other (specify)_____

6.1. Rice production – continued

	Repeat Plot ID	Season	6.1.19 Was this plot seriously affected by an external factor? 1= Yes 2= No	6.1.20 Date of harvesting			6.1.21 Amount harvested Total kg	6.1.22 Which percentage of this was sold? %	6.1.23 What did you do with the crop residues code 6	6.1.24 How did you use your plot after harvest code 7
				Week (1-4)	Month (1-12)	Year				
2010		Summer crop				2010				
		Spring crop				2010				
2009		Summer crop				2009				
		Spring crop				2009				
2008		Summer crop				2008				
		Spring crop				2008				

6.2. Technology adoption rice (this table concerns all plots!)

6.2.1 In the past 3 years (since 2008) , have you <u>introduced</u> any of the following changes in your rice production (i.e. used for the first time) ? 1= Yes 2= No		6.2.2. Specify:	6.2.3	6.2.4. What stimulated you?	6.2.5 How satisfied are you ? 1= Very unsatisfied 2= Unsatisfied 3= Satisfied 4= Very satisfied	6.2.6 Reasons for high/low satisfaction	6.2.7. Have you used this technology repeatedly? 1=Yes 2=No Nb of seasons used (incl. 1st one)	
			Year	code 7		code 8		
a.Improved variety: (code 2)		1.						
		2.						
		3.						
b. Fertilizer: (code 3)		1.						
		2.						
		3.						
c. Pesticides: (code 4)		1.						
		2.						
		3.						
d. Equipment: (code 5)		1.						
		2.						
		3.						
e. Other: _____								

6.3. Seed choice rice (this table concerns all plots)

* Newly purchased means that these seeds are the original seeds as provided by the seed company!

	Season	6.3.1 Which rice varieties did you use?							
		a. First most important variety (Code 1)	b. Area planted (%)	c. Did you use newly purchased* seed? 1=Yes 2=No	d. Why did you choose this variety? (multiple answers possible in order of importance) (Code 2)	e. Second most important variety (Code 1)	f. Area planted (%)	g. Did you use newly purchased* seed? 1=Yes 2=No	h. Why did you choose this variety? (multiple answers possible in order of importance) (Code 2)
2010 (see Q.5.1.5 / Q.5.1.6)	summer								
	spring								
2009	summer								
	spring								
2008	summer								
	spring								

Code 1: rice variety

Ordinary

1= H'mong
2= Nhi uu 63
3= Bac uu 64
4= Bac uu 253
5= Nhi uu 838
6= Other (specify)_____

Sticky

7= Local
8= IR 352
9= N 87
10= Other(specify)_____

Code 2: Reasons variety choice

1=High yield potential
2=Good yield stability
3=Insect resistance
4=Drought resistance
5=Good storage quality
6=Good cooking quality
7=Good taste
8=Low price
9=Other (specify)_____

Code 1 Soil preparation

- 1= Hoe
- 2= Plough using animal traction
- 3= Plough using tractor
- 4= Other (specify)_____

Code 2 Variety of seed

- 1= VM 1
- 2= LVN 10
- 3= CP888/999
- 4= Bioseed
- 5= NK54/4300
- 6= C919/171
- 7= LVN 2
- 8= Other _____

Code 3 Type of fertilizer

- Mineral**
- 1= NPK
- 2= Urea.
- 3= Superlan
- 4= Kali.
- 5= Other (specify)

Code 4

(the hh can't afford to purchase more and.....)

- 1= Can't get any credit
- 2= Can't get more credit
- 3= Don't want to get more credit, because my current debt is too high
- 4= Don't want to get any/more credit, because crop production is too risky
- 5= Don't want to get any/more credit because loan taking is too risky
- 6= Don't like to take credit in general
- 7= Other (specify)

Code 5 Pesticides

- 13= Other: _____

Code 6 Use of residues

- 1= Left crop residues on field to rot
- 2= Burnt crop residues
- 3= Remove residues from the field

Code 7 Use of plot

- 1= Start new cropping cycle with maize
- 2= Start new cropping cycle with other crop (specify crop)
- 3= Left field fallow
- 4= Abandoned field

6.4. Crop production – Maize

6.4.1a . Have you grown Maize in 2010 and/or 2009 ?

Yes.....1

No.....2>> 7.

6.4.1b. Who is the main decision maker in maize production?

Interviewer, take the main maize plot with red book from section 4. In cases where there is no maize plot with red book or maize was not grown on the red book plot in the respective years, take the main maize plot without red book.

Member id from household roster (Q.2)

Plot ID (Q4)	6.4.2 Area planted with Maize in m ²	6.4.3. How many maize seasons on that plot this year?	6.4.4 How did you prepare your field? code 1	6.4.5 Date of planting Week (1-4) Month (1-12) Year	6.4.6 Variety of seeds code 2	6.4.7 Quantity of seeds Kg	6.4.8 Did you apply fertilizer? 1= Yes 2= No>10	6.4.9 What kind and what quantity of fertilizer did you apply? Type 1 code 3 Qty(kg) Type 2 code 3 Qty(kg) Type 3 code 3 Qty(kg) Organic fert. code 3	6.4.10. Do you assess the fertilizer use as most suitable? 1= Yes >13 2= No	6.4.11 How would the most suitable fertilizer application have looked like? Type 1 code 3 Qty(kg) Type 2 code 3 Qty(kg) Type 3 code 3 Qty(kg) Organic fert. code 3	6.4.12 Main reason not to use the most suitable amount of fertilizer? code 4	6.4.13 Pesticide Product code 5	6.4.14 Value of pesticides applied '000 VND	6.1.15 Do you assess the pesticide use as most suitable? 1= Yes>18 2= No	6.4.16 How would the most suitable use look like? '000 VND
2010				10											
2009				09											

6.4.17 Main reason not to use the most suitable amount of pesticides? code 4	6.4.18. Did you hire any wage labour? 1=Yes 2=No >> 6.4.19	a. Field preparation (No >> b.) 1=Yes 2=No Total labour days Total salary paid '000 VND	b. Planting (No >> c.) 1=Yes 2=No Total labour days Total salary paid '000 VND	c. Weeding / Fertilizing (No >> d.) 1=Yes 2=No Total labour days Total salary paid '000 VND	d. Harvest (No >> 6.4.19.) 1=Yes 2=No Total labour days Total salary paid '000 VND	6.4.19 Hired machinery costs '000 VND	6.4.20 Was this plot seriously affected by an external factor? 1= Yes 2= No	6.4.21 Date of harvesting Week (1-4) Month (1-12) Year	6.4.22 Amount harvested (convert to dry seed!) Total kg	6.4.23 Which percentage of this was sold? %	6.4.24 What did you do with the crop residues? code 5	6.4.25 How did you use your plot after harvest ? code 6
								10				
								09				

6.5. Technology adoption – Maize

<u>Code 2 Variety of seed</u>	<u>Code 3 Type of fertilizer</u>		<u>Code 4 Pesticides</u>
1= VM 1	Mineral	Organic	13= Other: _____
2= LVN 10	1= NPK	6= Home produced manure	
3= CP888/999	2= Urea.	7= Home produced mulch	
4= Bioseed	3= Superlan	8= Bought manure	
5= NK54/4300	4= Kali.	9= Bought mulch	
6= C919/171	5= Other (specify)	10= Ashes	
7= LVN 2		11= Other	
8= Other _____		(specify)_____	

Code 7: Stimulation for change

- 1=Incited by Government extension office
- 2=Incited by other extension
- 3=Incited by Neighbour/Relative/Friend
- 4=Own initiative
- 5=Other (specify)

Code 8: Reason for low/high satisfaction

- | | |
|-----------------------------------|-----------------------------------|
| (Very) Satisfied | (Very) unsatisfied |
| 1=Increased yields | 6=Reduced yields |
| 2=Gain in yield stability | 7=Loss in yield stability |
| 3=Better quality | 8=Worst quality |
| 4=Gain in marketing opportunities | 9=Loss in marketing opportunities |
| 5=Other (specify)_ | 10=Other_____ |

6.6. Maize varieties used in 2010

<u>Code 1:</u>	<u>Code 2:</u>	<u>Code 3 :</u>
1=VM 1	1=High yield potential	1=I used seeds from my last maize harvest (recycled seeds)
2=LVN 10	2=Good yield stability	2=I bought recycled seeds from somebody else
3=CP888/999	3=Insect resistance	3=I received recycled seeds from somebody else for free
4=Bioseed	4=Drought resistance	4=I received new seeds for free
5=NK54/4300	5=Good storage properties	
6=C919/171	6=Low price	
7=LVN 2	7= Low fertilizer requirements	
8=Other _____	8= Good quality (color, etc.)	
9=B06	9=Other (specify)_____	
10=Local sticky maize		
77=Don't know		

Household id: _____

6.5. Technology adoption – Maize (Note: this table concerns all plots!)

6.5.1 In the last two years (since 2009) , have you introduced any of the following changes in your maize production (i.e. used for the first time)? 1= Yes 2= No		6.5.2. (Specify)	6.5.3 What stimulated you? code 7	6.5.4. How satisfied are you ? 1= Very unsatisfied 2= Unsatisfied 3= Satisfied 4= Very satisfied	6.5.5 Reasons for high/low satisfaction code 8	6.5.6. Have you used this technology repeatedly? 1=Yes 2=No Nb of seasons used (incl. 1st one)	
a.Improved variety: (code 2)			1.	1.			
			2.	2.			
			3.	3.			
b. Fertilizer: (code 3)			1.	1.			
			2.	2.			
			3.	3.			
c. Pesticides: (code 4)			1.	1.			
			2.	2.			
			3.	3.			
d. Equipment:			1.	1.			
			2.	2.			
			3.	3.			
e. Other:							

6.6. Maize varieties used in 2010 (Note: this table concerns all plots!)

* Newly purchased means that these seeds are the original seeds as provided by the seed company!

2010	6.6.1 Considering the whole area on which you planted maize, on which area share did you use newly purchased* maize seeds in 2010 ? (%)	6.6.2 Which variety did you use on this area share? (check with Q.5.1.5 / Q.5.1.6)					
		a. First most important variety (Code 1)	b. Area planted (%)	c. Why did you choose this variety? (Code 2)	d. Second most important variety (Code 1)	e. Area planted (%)	f. Why did you choose this variety? (Code 2)
	6.6.3 How did you acquire the seeds for the remaining maize area? (Code 3)	6.6.4 Which variety did you use on this remaining maize area?					
		a. First most important variety (Code 1)	b. Area planted (%)	c. Why did you choose this variety? (Code 2)	d. Second most important variety (Code 1)	e. Area planted (%)	f. Why did you choose this variety? (Code 2)

7. Instruction household game

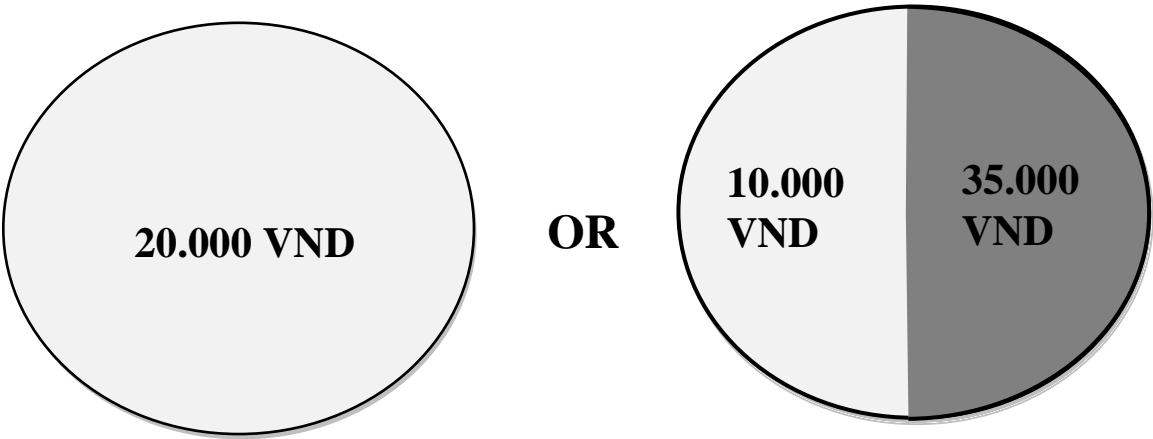
7.1. Interviewer: please thank the respondent for the time he/she invested for answering the questionnaire and allocate the cash gift of 20,000 VND to the household.

Signature of the respondent:

7.2. Interviewer: please read out to the respondent:

We will now give you a choice between additionally receiving 20,000 VND or participating in a game in which you have a 50/50 chance of receiving 10,000 VND or 35,000 VND. If you choose the game, I will flip a coin. If it lands on the ground with heads (*show this side of the coin*) face up then you will receive 10,000 VND. If it lands on the ground with tails (*show this side of the coin*) face up then you will receive 35,000 VND. We will give you a receipt for your payment which you or another household member must bring to the meeting house at the end of the day to receive your payment.

Interviewer: please use the illustration below for the explanation about the game



- 7.2.1. Do you want to receive the additional 20,000 VND or play the game?
- 7.2.2. Game outcome: (*Interviewer: flip the coin*)

	1= Cash gift >> End interview 2= Game
	1= Heads (= 10,000 VND) 2= Tails (= 35,000 VND)

Interviewer: Don't forget to fill and sign the additional receipt sheet.