



The Uplands Program

Research for Sustainable Land Use and Rural Development in
Mountainous Regions of Southeast Asia
Funded by DFG

Subproject F2.3 : Targeting efficiency and impact assessment of rural credit and land allocation

3rd Round: Impact Questionnaire – Household Survey – Vietnam 2007

1. Identification

1.1. Date of Interview: **Day** **Month** **Year**

				0	7
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Code

1.2. Commune name

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

Household id: _____

2. Credit

2.1. Loans application and complete rejections

2.1.1. Formal loans (include cash as well as in-kind loans, e.g., fertilizer, seeds)

(interviewer, please notice that we understand application by a request the the household himself made from a formal lender/person providing the loan, or through an intermediary, but the lender knows about the real beneficiary)

2.1.1.1. Have you or any member of the households applied for a loan from a formal organisation (VBSP, VBARD, village board, mass organisation, NGO) since 2002? (i.e. application done under your name)

Yes.....1>>2.1.1.3
No.....2

2.1.1.2. If no, what are the main reasons ? (multiple answer are possible)

>> 2.1.2

- No need.....1
Do not have enough information on how to get such loan.....2
The procedure is too complicated.....3
Those banks are too far.....4
Investment might be risky or not profitable from the view point of the lender.... 5
Loan might be risky or not profitable from the view point of the borrower..... 6
I felt that I would be rejected because other of our characteristics..... 7
We don't have a Red Book.....8
No guarantor..... 9
Other reasons..... 10

2.1.1.3. How many times has your household asked or applied for loans from the VBARD/VBSP, Mass organisation or other formal institutions since 2002?

2.1.1.4. How many of those applications have been completely rejected since 2002?

(Please list them below)

Rejected loan ID	2.1.1.5. Type of lender code 1	2.1.1.6. Year applied Year	2.1.1.7. Amount demanded '000 dong	2.1.1.8. According to you, what was (were) the reason(s) for rejection? code REJECT
1				
2				
3				
4				

Enumerator: please write into brackets the code of the formal lender (i.e. the one who would provide the loan) if known.

Code 1: Type of lender

- VBARD.....1
VBSP.....2
Farmer union.....3
Woman union.....4
Veteran union.....5
Youth union.....6
Eldery union.....7
Fatherland front union.....8
Village board.....9
NGO (specify name).....10
Government company.....11
Private company.....12
Other (specify).....13

Code REJECT

- No Red Book..... 1
Not enough other collateral..... 2
Intended investment is not profitable in the eye of lender..... 3
Did not repay prior loan (default of payment)..... 4
My outstanding debt is too high in the eye of the lender..... 5
No guarantor (group or person)..... 6
Lender did not want to invest in our household because of our personal characteristics..... 7
Our household doesn't belong to the population targeted by this lender..... 8
Do not know why..... 9
Other..... 10

2.1.2. Informal loans (include cash as well as in-kind loans, e.g., fertilizer, seeds)

2.1.2.1. Have you applied (or asked) for a loan over 1 million dong from informal lenders since 2002
(for example, Relative, Neighbour/Friend, Private moneylender, shopkeeper, Ho Hui or other person non listed here
Please include the applications done for this household, but under a different name)

Yes..... 1>>2.1.2.3

No.....2

2.1.2.2. If no, what are the main reasons ? (multiple answers are possible)

>>2.2

No need..... 1

Don't know anyone to borrow from..... 2

Those lenders are too far..... 3

Loan might be risky or not profitable from the view point of the household (i.e. high interest rate, too high collateral, short repayment period, etc.)..... 4

I felt that my investment plans may not be seen profitable for the lender..... 5

I felt that I would be rejected because of our characteristics..... 6

No guarantor..... 7

Other reasons..... 8

2.1.2.3. How many times has your household asked for loans (over than 1 million VND) from informal lenders since 2002 ?

2.1.2.4. How many of those application were rejected since 2002 ?

Loan rejected ID	2.1.2.5. Type of lender			2.1.2.6. Year applied	2.1.2.7. Amount demanded	2.1.2.8. According to you, what was (were) the reason(s) for rejection?
	a. Relation with the borrower/ type of lender code 1	b. Occupation: code 2	c. Lives in: code 3	Year	'000 dong	code REJECT
1						
2						
3						
4						

Code 1: Relation to the borrower

First degree relative..... 1
Other relative..... 2
Close friend..... 3
Other acquaintance/ neighbour..... 4
Informal credit group..... 5>>c.
Main employer of a member of the hh..... 6
Landlord of a land managed by household..... 7
None of above..... 8

Code 2: Occupation

Shopkeepers..... 1
Trader..... 2
Moneylender..... 3
Other private/self-employed person.... 4
Other government employee..... 5

Code 3: Lives in

In village..... 1
Elsewhere in Yen Chau..... 2
Elsewhere in Vietnam..... 3
Abroad..... 4

Code REJECT

No land use certificate..... 1
Not enough other collateral..... 2
No profitable investment in the eye of lender..... 3
Did not repay prior loan (default of paiement)..... 4
My outstanding debt is to high in the eye of the lender..... 5
No guarantor..... 6
Lender did not want to invest in our household because of personal characteristics..... 7
Do not know why..... 8
Other..... 9

2.2. Credit obtained (include input credit such as fertilizer and seeds)

Interviewer, be sure to ask this question for every member over 16 years old.

2.2.1. During the last 2 months did someone in your household obtain a small cash/in kind loan between 10,000 and 200,000 VND from an institution/person including shopkeepers?

Yes..... 1
No..... 2

If Yes, how many credits of this type ?

2.2.2. During the past 6 months did someone in your household obtain a any medium cash/in-kind loan of an amount over 200,000 and up to 2 million VND from an institution/person?

Yes..... 1
No..... 2

If Yes, how many credits of this type ?

2.2.3. During the last 5 years, did someone in your household obtain any other cash/in-kind loan of amount greater or equal to 2 million VND (exc. in-kind input loans) from an institution/person?

Yes..... 1
No..... 2

If Yes, how many credits of this type ?

2.2.4. During the past 12 months, did someone in your household obtain an in-kind input loan greater or equal to 2 million VND (seeds, fertilizer)?

Yes..... 1
No..... 2

If Yes, how many credits of this type ?

L O A N I D	2.2.5. Borrower ID code (refer to Q1)	2.2.6. Lender	2.2.7. <i>If 14:</i> Informal lender				2.2.8.	2.2.9. If no,			2.2.10.	2.2.11.			2.2.12.	2.2.13.	2.2.14.	2.2.15.
	ID code	code 1	a. Relation 5>>c.	b. Main occupation	c. Lives in	d. Did you ask this lender to borrow a loan from VBARD/ VBSP? 1a= Yes, VBARD 1b= Yes, VBSP 2= No	Did you get the loan directly from this lender? 1=Yes 2=No	a. Who was the intermediary ?	b. How do (did) you pay him?	c. How much do you have to pay in total to the intermediary ? '000 dong	Was it the first time you borrowed from this lender? 1= Yes 2= No	When did you receive this credit?			How much did you borrow ? ¹ '000 dong	Is this loan in cash or in-kind? 1= in cash 2= in-kind	What was the collateral? code 7	Who was guarantor? code 8
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

¹ Interviewer, write here the value of the principal only, i.e. in case of in-kind loan, the price the household would have had to pay directly in cash (without differ payment).

Household id: _____

L O A N I D	2.2.16. Was the loan the same amount as you asked for? 1= Yes>>18 2= No	2.2.17. If no, how much did you ask? ‘000 dong	2.2.18. How did you use this credit? First Major Use code 9 % Second Major Use code 9 %		2.2.19. Before obtaining the credit did you ask anybody else for this loan? 1=Yes 2=No If yes, how many persons/ bank did you ask for this loan?	2.2.20. When do you have to repay the loan? dd mm yy	2.2.21. What is the interest rate for this loan? <i>(If doesn't know, write 'kb')</i> 1= per year 2= per month 3= per day %	2.2.22. What is the total amount you have to repay to the lender? ‘000 dong	2.2.23. Have you finished the repayment? 1= Yes>>27 2= No	2.2.24. Have you lost your collateral? 1= Yes 2= No	2.2.25. Have you started to repay? 1= Yes 2= No>>27	2.2.26. How much have you already repaid? <i>(including interests and principal)</i> ‘000 dong	2.2.27. How frequently do you have to repay? a. Interest code 10 b. Principal code 10
	1												
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

Code 9 Loan Use

- Agricultural equipment..... 1
- Agricultural input..... 2
- Livestock..... 3
- Transportation equipment (boat, bicycle)..... 4
- Land..... 5
- Non farm activity..... 6
- Food purchase..... 7
- Consumption durable (clothes, TV)..... 8
- Health care expenses..... 9
- Education expenses..... 10
- Positive social event (marriage, etc.)..... 11
- Negative social event (funerals)..... 12
- Repayment of other debt..... 13
- Lend to someone else..... 14
- Other (specify)..... 15

Code 10 Repayment frequency

- No payment of interest..... 1
- Daily..... 2
- Weekly..... 3
- Fortnightly..... 4
- Monthly..... 5
- Every 3-6 months..... 6
- Once a year..... 7
- At the end of borrowing period..... 8
- Whenever we have money..... 9

2.2.28. Concerning the formal loans you received, did you receive additional support (training, equipment, labor, etc.)?

Yes.....1

No.....2>>2.3.

Code1: organisation providing support

Farmer Union..... 1
 Woman Union..... 2
 Veteran Union..... 3
 Youth Union..... 4
 Eldery Union..... 5
 Fatherland front Union..... 6
 Village board..... 7
 Extension office..... 8
 NGO (specify name) 9
 VBSP/VBARD..... 10
 Government/ private company..... 11
 Credit group..... 12
 Other..... 13

If Yes, on which loans (record loan ID)?

2.2.29 Formal loan ID from table above	2.2.30 From whom did you receive support? code 1	2.2.31 What kind of support? code 2

Code 2: kind of support

Training..... 1
 Input/equipment..... 2
 Working force..... 3
 Social support (education, health, etc.)..... 4
 Other..... 5

2.3. Potential credit access

What do you think is the maximum amount you could borrow <u>at this time</u> from the following institutions/persons, <u>considering your current situation</u> ? (if does not know, write 'kb')	2.3.1. Currently, how much does your household owe to.... '000 dong	2.3.2. In case of an emergency (food shortage, sickness), how much could your household borrow now from... '000 dong	2.3.3. For income generating investment purposes, how much could your household borrow now from... '000 dong	2.3.4. For social events/obligations (wedding, funeral), how much could your household borrow now from... '000 dong	2.3.5. In total, what would be the maximum amount your household could now borrow from... '000 dong
a. ...VBARD					
b. ...VBSP					
c. ...Farmer Union					
d. ...Women Union					
e. ...Veteran Union					
f. ...Youth Union					
g. ...Eldery Union					
h. ...Fatherland front Union					
i. NGO/International organisation (if applicable)					
j. Government company					
k. Private company					
l. ...Village board					
m. ...Informal credit group (Ho Hui) (in sum)					
n. ...Money lender (in sum)					
o. ...Shopkeeper/trader (in sum)					
p. ...Relatives (in sum)					
q. ...Friends/Neighbour (in sum)					

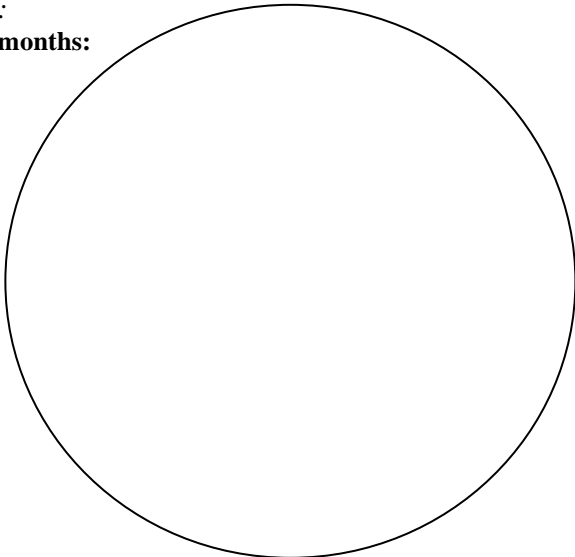
3. Source of cash income since 2002 (or since the year the household was established if established after 2002)

	3.1. In percentage, how much did [source] represent in your total income (i.e. gross revenue – production costs) in the past 12 months? <i>If '0' > 3.3</i> %	3.2. <i>If 3.1 > 0</i> In 2002*, did you already have this [source]? 1= Yes >> 3.4. 2= No >> next row	3.3. <i>if 3.1 = 0</i> Was [source] a source of cash income for your household in 2002*? 1= Yes 2= No >> next row	3.4. In percentage, how much did [source] represent in your total income (i.e. gross revenue – production costs) in the year 2002? %
Rice				
Maize				
Cassava				
Vegetables				
Other crops (Cotton, sugar cane, etc.): _____				
Fruit				
Livestock				
Fisheries				
Forest products (wood, medicinal plants, etc.)				
Agricultural trade				
Agricultural wage				
Non agricultural wage				
Non agricultural business				
Remittances				
Government aid				

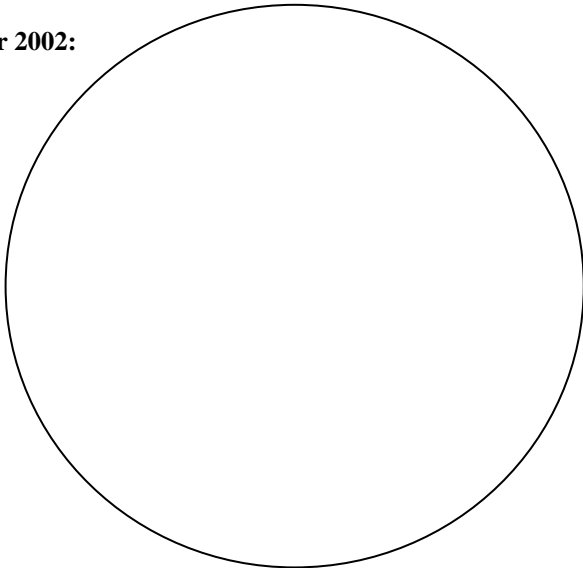
* interviewer, in the case the household was established after 2002, replace '2002' by the first year the household was established.
If the household was established less than 24 months ago, skip the questions 3.2, 3.3, 3.4

Interviewer, if needed, you can use the following tool to help the farmer to evaluate the share of different sources of income:

Past 12 months:



year 2002:



4. Land allocation

4.1. Forestry land

4.1.1. Has your household received a Red Book for forestry land? (For this question, refer to the question 4.2.4 in the first questionnaire).

Yes..... 1 >> 4.1.4.
No..... 2

4.1.2. If not, have your household applied for a Red Book for forestry land?

Yes..... 1 If Yes, When was it? year
No..... 2 >> 4.2.

4.1.3. If Yes, what are the main reasons according to you, why you haven't yet received the certificate? (multiple answer possible)

I only applied recently..... 1 >> 4.2
A previous transfer of this plot was not legally valid..... 2
Missing legal documents (inheritance letter, etc.) to prove the claim on this land..... 3
Disputes concerning claims on the land..... 4
The land claimed is allocated to other purpose by the commune..... 5
The commune has no land to allocate..... 6
Other..... 7
Do not know..... 8

4.1.4. Forest management.

Red Book ID (cf Q1 4.2.6-10)	4.1.4.1 Are you or a member of your hh active* in managing/protecting the forest on this plot? 1=Yes 2=No	4.1.4.2. Do you receive compensation (in kind or in cash) for managing/ protecting the forest on this plot? 1=Yes 2=No	4.1.4.3. Since you received the certificate, have you (or the group) increased the number of trees on that plot compared to the time you received it? 1=Yes 2=No
1			
2			
3			

* By active, we mean that you allocate part of your time for this activity, other than attending meetings.

4.2. Agricultural land

4.2.1. Has your household ever owned a Red Book for agricultural land? (Can be under the name of current members or dead parents)

Yes..... 1
No..... 2 >> 4.2.5.

4.2.3. If Yes, In which year has your household first received a Red Book for agricultural land? (if received through inheritance, write the year the Red Book was received from the parents) year

4.2.4. Since that date, how many (Re)allocations occurred in your village (including the first allocation)?
(please fill the table including the first allocation)

A L L O C A T I O N	4.2.4.1. Year of (Re)allocation	4.2.4.2. Did you receive more or less area of paddy on your Red Book? More (+) Less (-) same (=)	4.2.4.3. Did you receive more or less area of upland on your Red Book? More (+) Less (-) same (=)	4.2.4.4. Did you receive more or less area of perennial crop land on your Red Book More (+) Less (-) same (=)	4.2.4.5. How satisfied were you by this (Re)allocation? 1=Very unsatisfied 2= Unsatisfied 3= Satisfied 4= Very satisfied	4.2.4.6. Give the main reason why? code SAT	Code SAT: Reason for (un)satisfaction
							Unsatisfied or Very unsatisfied Not enough land allocated..... 1 Land allocated are not good..... 2 Land taken away..... 3 Did not get the land we asked for..... 4 Other..... 5
1							Satisfied or Very satisfied Got enough land..... 6 Gained in tenure security..... 7 Got good land..... 8 Got more land..... 9 Enabled us to get credit..... 10 Other..... 11
2							
3							

Household id: _____

4.2.5. If no, have you ever applied for a Red Book for agricultural land?

Yes..... 1

No..... 2 >> 4.2.8.

4.2.6. If yes, when was it? year

4.2.7. If yes, what are the main reasons explaining that you didn't receive yet the certificate ?

I only applied recently..... 1

A previous transfer of this plot was not legally valid..... 2

Missing legal documents (inheritance letter, etc.) to prove the claim on this land..... 3

Disputes concerning claims on the land..... 4

The land claimed is allocated to other purpose by the commune..... 5

There is no land available..... 6

Unability to pay the tax required..... 7

Other..... 8

Do not know..... 9

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

4.2.8. 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

5. Land Tenure

Now, I would like to know about all the plots you use (with or without certificate) or rent out at the moment.

5.1. How many plots is your household managing at the moment?. *Please refer to the first questionnaire, and take care to add the Fish ponds on the list, but not residential land unless it is cultivated. Include plots registered under forestry land if these are cultivated by the household (and if the household admit it)*

1. Paddy fields (green papers)

Take as many paper as the household manages Paddy fields. Ask the farmer to classify the good ones, medium and bad fields according to water availability (good=2 or more harvest every year; medium= 2 harvest in good years; bad= 1 harvest most of the years).

In each of the three groups, write all the plots that are under the same property regime² on one paper.

2. On each paper, write (or ask the respondent if he can):

- the name of the plots
- the total area of the plots
- and the average distance of the corresponding plot in walking minute to the house.

3. Fish ponds (pink papers)

Take as many papers as the households manages fish ponds. Regroup the fish ponds with the same property regime on one paper, and write on each paper the name, the total area and the average distance from the house in walking minutes.

4. Other plots (yellow papers)

Take as many paper as the household manages other plots and write on each: name, area, and average distance from the house in walking minutes to the corresponding plot.

5. Put on one side the plots that are registered under the Red Book, and the rest on the other side.

6. On first group, write on each paper a number from 1, starting with Paddy fields, then fish ponds and finish with others.

On second group write a number from 101, starting with the Paddy fields, then fish ponds and finish with others.

² Property regime:

With Red Book managed by the household,

With Red Book not managed by the household (rented out, lent, mortgage away, etc.),

Without Red Book rented/borrowed from someone,

Without Red Book rented borrowed from the village/commune,

Without Red Book other status (e.g. cultivated without permission).

Household id: _____

5.1. Land with Use Right Certificate – 1st Group

5.1.1. Number of plots on Red Book(s) (excluding residential land and forestry red book) (if 0, >> 5.2)

P L O T I D	General information					Acquisition and use right									Land Use							
	5.1.2. Name of the plot (<i>write in brackets number of plots on this category</i>).	5.1.3. Area	5.1.4. Type of plot (as in RB)	5.1.5. <i>If 3,4 or 5, or used for Paddy:</i> In a normal year, how is water availability on this plot?	5.1.6. Distance plot-house in walking minutes	5.1.7. How did you first acquire this land?	5.1.8. When was it?	5.1.9. In which year was this plot <u>first</u> allocated with LUC?*	5.1.10. Under the name of which member is this plot registered today? (non member '88')	5.1.11. Is your household using this land now ? >>13 if yes	5.1.12. If >1 from when to when? (if does not know, write 'KB')		5.1.13. If you lease(d) this plot out, how much do (would) you receive?		5.1.14. How did you use it between july 2006 and june 2007?							
															Last cropping season		Previous cropping season					
															Main Use	Second Use	Main Use	Second Use				
	m²	code 1	code 2	mn	code 3	year	year	ID from family roster	code 4	year start	year end	'000 dong	Time period (nb months)	code 5	% area	code 5	% area	code 5	% area	code 5	% area	
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

* in case of inheritance, please enter the year this plot was allocated on the Red Book of the parents.

Code 1 Type of plot

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

Code 2 Water availability

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

Code 3 Land acquisition

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

Code 4 Plot management

Yes.....	1
No,	
Plot is leased out (fixed rent).....	2
Share tenancy.....	3
Mortgaged out.....	4
Given away, lent out (no	
payment).....	5

Code 5 Land Use

Paddy rice.....	1	Coffee.....	12
Upland Rice.....	2	Mango.....	13
Maize.....	3	Longan.....	14
Cassava.....	4	Litchi.....	15
Sweet Potato.....	5	Other fruit tree.....	16
Sugar Cane.....	6	Fallow.....	17
Beans.....	7	Fish pond.....	18
Banana.....	8	Plot not managed by hh....	19
Vegetables.....	9	Other (specify).....	20
Cotton.....	10		
Tea.....	11		

Household id: _____

5.2. Land without Use Right Certificate – 2nd Group.

5.2.1. How many plots does your household manage without Red Book? (If 0, >>5.3)

P L O T I D	General information					Contract		Payment			Value		Length of use			Land Use							
	5.2.2. Name of the plot	5.2.3. Area	5.2.4. Distance plot- house in walking minutes	5.2.5. Type of plot	5.2.6. <i>If 3, 4 or 5 or used for Paddy: How is water available on this plot?</i>	5.2.7. Who has the Use Right for this plot?	5.2.8. Type of contract	5.2.9. What is the main type of payment?	5.2.10. How much do you pay?		5.2.11. If you had to pay a normal rent , how much would you pay?		5.2.12. When was this plot received?	5.2.13. Was a period defined with the land lord	5.2.14. For how long is the Borrowing/ Renting period agreed?	5.2.15. How did you use it between july 2006 and june 2007?							
							1>>9 2>>9 3>>11 4>>11 5>>11	1>>10 2>>10 3>>11 4>>11								Last cropping season		Previous cropping season					
		m²	Mn	code 1	code 2	code 3	code 4	code 5	'000 dong	Time period (nb month)	'000 dong	Time period (nb month)	mm/year	1= Yes 2= No>>15	months	code 6	% area	code 6	% area	code 6	% area	code 6	% area
101																							
102																							
103																							
104																							
105																							
106																							
107																							
108																							
109																							
110																							

Code 1 Type of plot

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

Code 2 Water availability

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

Code 3 Landlord

First degree relative.....	1
Other relative.....	2
Neighbour/Friend.....	3
Other person.....	4
Group of farmers.....	5
Village/commune.....	6
None of above.....	7

Code 4 Tenure contract

Fixed rent contract.....	1
Share tenancy.....	2
Mortgage collateral.....	3
Borrowed (no payment)....	4
No contract.....	5
Informal purchase.....	6
Other.....	7

Code 5 Type of payment

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

Code 6 Land use

Paddy rice.....	1	Coffee.....	12
Upland Rice.....	2	Mango.....	13
Maize.....	3	Longan.....	14
Cassava.....	4	Litchi.....	15
Sweet Potato.....	5	Other fruit tree.....	16
Sugar Cane.....	6	Fallow.....	17
Beans.....	7	Fish pond.....	18
Banana.....	8	Land was not yet	
Vegetables.....	9	received.....	19
Cotton.....	10	Other (specify).....	20
Tea.....	11		

Household id: _____

5.3. Land sold or transferred (including residential land and forestry land)

5.3.1. Has your household ever sold land since the Resolution 10 (1988) ?

Yes.....1

No.....2 >>6

P L O T I D	5.3.1. Type of land code 1	5.3.2. Area m ²	5.3.3. When did you sell this plot? Year	5.3.4. Did you have a LUC on this plot at that time? 1= Yes 2= No	5.3.5. Has the transaction been registered yet? 1= Yes 2= No	5.3.6 Who was the buyer ? code 2	5.3.7. Did the buyer live in the same village than you? 1= Yes 2= No	5.3.8. Amount obtained for the land at the time of the transaction '000 dong	5.3.9. What was the main reason for selling the land? code 3
201									
202									
203									
204									
205									

Code 1 Type of plot

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

Code 2 Buyer

First degree relative.....1
 Other relative.....2
 Neighbour/Friend.....3
 Other person.....4
 State.....5
 None of those..... 6

Code 3 Reason for selling

Need cash.....1
 Plot couldn't be used profitably.....2
 Changed residence..... 3
 Other (specify)..... 4

Household id: _____

6. Soil and water conservation.

Interviewer, ask these questions for all plots except paddy fields and fish ponds. Start to fill the following table, as explained during the training.

6.1. Plot ID (code from section 4)	Soil fertility			Erosion	Soil conservation								Water conservation			
	6.2. Slope	6.3. How do you assess the quality of the soil?	6.4. Topsoil colour	6.5. Do you have problems on this plot with erosion (i.e. soil coming down)? (Score from 0 to 10 0= no erosion 10=very severe)*	6.6. Have you ever done anything on this plot against erosion? 1= Yes 2= No>>14	6.7. If yes, what measure ? (multiple answer possible) If 4,5 or 7 specify crop code 4	6.8. In which year did you start this measure on this plot? year	6.9. Maximum share of the area that have ever been protected by this method? %	6.10. Are you still using it? 1=Yes 2=No>>6.12	6.11. What is today the share of area protected by this measure? >>6.14 %	6.12. If no, when did you stop? year	6.13. Why did you stop? >>15 code 5	6.14. Do you use any measure to keep the water from running off this plot? 1= Yes 2= No	6.15. If yes, what method? code 6	6.16. Do you use any measure on this plot to increase the water flow to your Paddy land? 1= Yes 2= No	6.17. If yes, what method? code 6
						1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.					
						1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.					
						1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.					
						1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.					
						1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.					
						1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.					
						1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.					
						1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.					
						1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.					
						1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.					

Household id: _____

6.18. Knowledge about soil and water conservation practice on upland

Method	6.18.1. Do you know about this method as a way to limit erosion? 1a= Yes, I've heard of it but don't know in detail 1b= Yes, I know it in detail 2= No>>next row	6.18.2. From which institution/ person have you known it? code 1	6.18.3. Have you ever used it? 1= Yes>>5 2= No	6.18.4. If no, why not? <i>(Please ask the respondent to rate the identified reasons on a scale from 1 (very minor reason) to 10 (very major reason))</i> >>next row code 2			6.18.5. How much labour did (do) you use to maintain it? Person-hours / year	6.18.6. If you ever used it, have you received support to implement it? 1= Yes 2= No>>8	6.18.7. Which kind of support have you received ? code 3	6.18.8. How would you assess the effectiveness of this method in conserving soil/keeping water? <i>(from a scale from 0 (no effect) to 10 (very effective))</i>	6.18.9. What are the main benefits of this method? <i>(Please ask the respondent to rate the identified benefits on a scale from 1 (very small benefit) to 10 (very large benefit))</i> code 4		
1.Terraces													
2. Contour Ploughing													
3. Mulching													
4. Hedgerows of shrub													
5. Agroforestry													
6. Vegetative strips													
7. Cover crop (e.g. groundnut)													
8. Ditches or channels													
9.Other: _____													
10.Other: _____													

Code 1: Knowledge

Extension office..... 1
 NGO (GTZ, SNV, etc.).....2
 Private firm.....3
 Relative/Neighbour..... 4
 Other area.....5
 Media.....6
 Own initiative.....7
 Other (specify)..... 8

Code 2: Reason for not using

No problem with erosion..... 1
 It's too expensive to establish.....2
 It's too expensive to maintain.....3
 Not enough family labour available.....4
 Lack of equipment..... 5
 Lack of access to seeds/seedlings..... 6
 Not enough land available..... 7
 Fear negative effect on crop yields.....8
 This method is not effective.....9
 Other (specify)..... 10

Code 3: Support

Labour..... 1
 Monetary assistance..... 2
 Tools/Machinery..... 3
 In-kind inputs.....4
 Training.....5
 Other (specify)..... 6

Code 4: Benefits

Better yield due to reduced erosion..... 1
 Use for fodder, mulch..... 2
 Use for fuel..... 3
 Additional source of income.....4
 Facilitates crop management.....5
 Protection of crop against wind..... 6
 Other (specify)..... 7
 No benefits..... 8

Household id: _____

6.19. Have some of your lands or neighbouring lands been affected by landslides during the last 5 years?

a. your lands Yes..... 1 If yes, how many times did such problems occur in the past 5 years?
No..... 2

b. neighbouring lands Yes..... 1 If yes, how many times did such problems occur in the past 5 years?
No..... 2

c. When such problems occurred on your lands, what share of your total annual income did you lose on average?
 % total income

6.20. In the past 5 years were your income generating activities (transport) affected by road blockings due to landslides?

Yes..... 1
No..... 2 >> 6.21.

If yes,

a. If yes, how many times did such problems occur in the past 5 years?

b. When such problems occurred, what share of your total annual income did you lose on average?
 % of total income

6.21. In your opinion, what could be done to reduce the incidence of landslides?

Mitigate climate change..... 1
Afforestation..... 2
More sustainable agricultural practices / techniques..... 3
Other (specify)..... 4: _____
I don't know..... 5

7. Agricultural production and technology adoption

7.1. Agricultural extension service

7.1.1. Did your household attend meetings or receive visits by any institution providing agricultural extension service in the past 24 months ?

Yes..... 1

No..... 2 >> 7.1.3.

7.1.2. if yes, how many times?

7.1.3. If yes, from which institution ?

a. Institution name	b. Institution type code

Code: Institution type

Government extension service..... 1
 NGO..... 2
 Private enterprise..... 3
 Government enterprise..... 4
 International research organisation....5
 Other institution.....6

7.1.4. On what issue did you receive training/support from any institution in the past 24 months ?

	Number of meetings (visits) you attended on:		Knowledge transmitted	
	From Extension office	From Other institutions	Management (i.e. use of input, preparation) Mark with X	Technology (new variety, equipment, etc.) Mark with X
a. Rice				
b. Maize				
c. Cassava				
d. Other crop				
1. _____	1. _____	1. _____	1. _____	1. _____
2. _____	2. _____	2. _____	2. _____	2. _____
3. _____	3. _____	3. _____	3. _____	3. _____
e. Livestock production (specify which animal)				
1. _____	1. _____	1. _____	1. _____	1. _____
2. _____	2. _____	2. _____	2. _____	2. _____
3. _____	3. _____	3. _____	3. _____	3. _____
4. _____	4. _____	4. _____	4. _____	4. _____
5. _____	5. _____	5. _____	5. _____	5. _____
f. Fruit production (specify which fruit)				
1. _____	1. _____	1. _____	1. _____	1. _____
2. _____	2. _____	2. _____	2. _____	2. _____
3. _____	3. _____	3. _____	3. _____	3. _____
4. _____	4. _____	4. _____	4. _____	4. _____
5. _____	5. _____	5. _____	5. _____	5. _____
g. Fish production				
h. Soil conservation				
i. Intergrated Pest Management (without pesticides)				
h. Other (specify)_____				

Household id: _____

7.2.1 Crop production – Paddy Rice

7.2.1.1. Have you grown paddy rice in one of the past cropping season in 2006?

Yes.....1

No.....2>>7.2.

7.2.1.2. Who is the main decision maker in this production?

ID of the member from Q1 family roster) if not a member, write '88'.

Interviewer, take the biggest plots in from the tenure regime category, i.e. one with Red Book and and one without Red Book

7.2.1.3. Plot ID <i>from section 5 and area of this single plot in bracket</i>	Season (if the plot has only one crop, ask for the 2 previous season)	7.2.1.4. How did you prepare your field?	7.2.1.5. Date of planting			7.2.1.6. Variety of seeds	7.2.1.7. Quantity of seeds	7.2.1.8. Did you apply fertilizer?	7.2.1.9. What kind and what quantity of fertilizer did you apply?				7.2.1.10. Value of pesticides applied	7.2.1.11. Was this plot seriously affected by an external factor?	7.2.1.12. Date of harvesting			7.2.1.13. Amount harvested ?	7.2.1.14. Which percenta ge of this was sold?	7.2.1.15. What did you do with the crop residues?	7.2.1.16. How did you use your plot after harvest?
		code 1	Week (1-4)	Month (1-12)	Year	code 2	Kg	1= Yes 2= No>>10	Type 1 code 3 Qty(kg)	Type 2 code 3 Qty(kg)	Type 3 code 3 Qty(kg)	Organic fert. code 3	Product (code 4) Value '000 dong	1= Yes 2= No	Week (1-4)	Month (1-12)	Year	Total kg	%	code 5	code 6
	Last seas.																				
	Prev. seas.																				
	Last seas.																				
	Prev. seas.																				

Code 1 Soil preparation

Hoe..... 1
Plough using animal
traction..... 2
Plough using tractor..... 3

Code 2 Variety of seed

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

Code 3 Type of fertilizer

Sticky
Local..... 7
IR 352..... 8
N 87..... 9
Other..... 10

Mineral
NPK..... 1
Urea..... 2
Supelan..... 3
Kali..... 4
Other (specify)..... 5

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

Code 4 Pesticides

See separate list
Other..... 13

Code 5 use of residues

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

Code 6: use of plot

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

7.2.1.17. In the past 5 years, have you made any of the following changes in your rice production (this question concerns all plots)?	1= Yes 2= No	7.2.1.18 Year	7.2.1.20. What stimulated you? code 7	7.2.21. How satisfied are you ? 1= Very unsatisfied 2= Unsatisfied 3= Satisfied 4= Very satisfied	7.2.1.22. Reasons for high/low satisfaction code 8
a.Improved variety: (code 2)	1 2 3	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.
b. Fertilizer: (code 3)	1 2 3	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.
c. Pesticides: (code 4)	1 2 3	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.
d. Equipment:	1 2 3	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.
e. Other:_____					

Code 7: Stimulation for change

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

Code 8: Reason for low/high satisfaction

(Very) Satisfied

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

(Very) unsatisfied

Reduced yields..... 6
Loss in yield stability..... 7
Worst quality..... 8
Loss in marketing opportunities..... 9
Other..... 10

Household id: _____

7.2.2. Crop production – Maize

7.2.2.1. Have you grown Maize in one of the past cropping season?

Yes.....1

No.....2>>7.2.3

7.2.2.2. Who is the main decision maker in this production?

(ID of the member from Q1 family roster)

Interviewer, take the biggest plots in from the tenure regime category, i.e. with Red Book and Without Red Book.

7.2.2.3 Plot ID (from sect. 5)	7.2.2.4 Area planted with Maize in m ²	Main season in...	7.2.2.5 How many maize seasons on that plot this year?	7.2.2.6 How did you prepare your field? code 1	7.2.2.7. Date of planting Week (1-4) Month (1-12) Year	7.2.2.8. Variety of seeds code 2	7.2.2.9. Quantity of seeds Kg	7.2.2.10. Did you apply fertilizer? 1= Yes 2= No>>12	7.2.2.11. What kind and what quantity of fertilizer did you apply? Mineral fertilizer Type 1 Type 2 Type 3 code 3 Qty (kg) code 3 Qty (kg) code 3 Qty (kg) Org. fert. code 3	7.2.2.12. Value of pesticides applied Product (code 4) Value *000 dong	7.2.2.13. Was this plot seriously affected by an external factor? 1= Yes 2= No	7.2.2.14. Date of harvesting Week (1-4) Month (1-12) Year	7.2.2.15. Amount harvested ? Kg of dry seeds	7.2.2.16. Which percentage of this was sold? %	7.2.2.17. What did you do with the crop residues? code 5	7.2.2.18. What did you do with your plot? code 6
		2006														
		2005														
		2006														
		2005														

Code 1 Soil preparation

Hoe..... 1
Plough using animal traction..... 2
Plough using tractor..... 3
Other..... 4

Code 2 Variety of seed

VM 1..... 1 NK54/4300..... 5
LVN 10..... 2 C919/171..... 6
CP888/999..... 3 LVN 2..... 7
Bioseed..... 4

Code 3 Type of fertilizer

Mineral **Organic**
NPK..... 1 Home produced manure... 6
Urea..... 2 Home produced mulch..... 7
Superlan..... 3 Bought manure..... 8
Kali..... 4 Bought mulch..... 9
Other (specify)..... 5 Ashes..... 10
Other (specify)..... 11

Code 4 Pesticides

See separate list
Other: 13

Code 5 use of residues

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

Code 6: use of plot

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

7.2.2.19. In the past 5 years, have you made any of the following changes in your maize production (this question concerns all plots)? 1= Yes 2= No	7.2.2.20 Year	7.2.2.22. What stimulated you? code 7	7.2.2.23. How satisfied are you ? 1= Very unsatisfied 2= Unsatisfied 3= Satisfied 4= Very satisfied	7.2.2.24. Reasons for high/low satisfaction code 8
a. Improved variety: (code 2) 1..... 2..... 3.....	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.
b. Fertilizer: (code 3) 1..... 2..... 3.....	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.
c. Pesticides: (code 4) 1..... 2..... 3.....	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.
d. Equipment: 1..... 2..... 3.....	1. 2. 3.	1. 2. 3.	1. 2. 3.	1. 2. 3.
e. Other:				

Code 7: Stimulation for change

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

Code 8: Reason for low/high satisfaction

(Very) Satisfied

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

(Very) unsatisfied

Reduced yields..... 6
Loss in yield stability..... 7
Worst quality..... 8
Loss in marketing opportunities..... 9
Other..... 10

Household id:

7.2.3. Crop production – Cassava

7.2.3.1. Have you grown cassava in one of the past cropping season?

Yes.....1

No.....2>>7.3

7.2.3.2. Who is the main decision maker in this production?

(ID of the member from Q1 family roster)

Interviewer, take the biggest plot with Red Book, and the biggest without red book (if there is) where cassava was grown and completely harvested, in one of the past cropping season. If the selected plot was not planted in the season preceding the last one, then choose another biggest plot that was planted and completely harvested for the previous season.

7.2.3.3 Plot ID (from sect. 5)	7.2.3.4. Area planted with Cassava in m ²	Season	7.2.3.5. How did you prepare your field? code 1	7.2.3.6. Date of planting Week (1-4) Month (1-12) Year	7.2.3.7. Variety code 2	7.2.3.8. Planting distance cm x cm	7.2.3.9. Did you apply fertilizer? 1= Yes 2= No>>11	7.2.3.10. 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) Org. fert. code 3	7.2.3.11. Was this plot seriously affected by pest/ disease in this season? 1= Yes 2= No	7.2.3.12. Date of harvesting (first harvest) Week (1-4) Month (1-12) Year	7.2.3.13. Amount harvested? Kg of dry cassava	7.2.3.14. Which percentage of this has been or will be sold? %	7.2.3.15. What did you do with your plot? code 4
		Last seas.				___X___							
		Prev. seas.				___X___							
		Last seas.				___X___							
		Prev. seas.				___X___							

Code 1 Soil preparation

Hand-hoe..... 1
Plough using animal traction....2
Plough using tractor..... 3
Other.....4

Code 2 Variety of seed

Local..... 1
Dong nai.....2
KM 94/91..... 3

Code 3 Type of fertilizer

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

Code 4 use of plot

Start new cropping cycle with cassava..... 1
Start new cropping cycle with other crop (specify crop)..... 2
Left field fallow.....3
Abandoned field.....4

7.2.3.16. In the past 5 years, have you made any of the following changes in your rice production (this question concerns all plots)? 1= Yes 2= No	7.2.3.17 Year	7.2.3.19. What stimulated you? code 7	7.2.3.21. How satisfied are you ? 1= Very unsatisfied 2= Unsatisfied 3= Satisfied 4= Very satisfied	7.2.3.22. Reasons for high/low satisfaction code 8
a.Variety: (code 2) 1. 2. 3.		1. 2. 3.	1. 2. 3.	1. 2. 3.
b. Fertilizer: (code 3)_____				
c. Changed Maize to Cassava permanently				
c. Changed Maize to Cassava on rotation				
d. Equipment:_____				
e. Other:_____				

Code 7: Stimulation for change

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

Code 8: Reason for low/high satisfaction

(Very) Satisfied

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

(Very) unsatisfied

Reduced yields..... 6
Loss in yield stability..... 7
Worst quality..... 8
Loss in marketing opportunities.....9
Other..... 10

Household id: _____

8. Subjective impact indicators

8.1. Here is a picture of a ladder. Considering that the step '0' represents your life conditions in 2002, on which step are you located today?

8.2. Consider now that the step '0' represents your access to credit in 2002. On which step are you located today?

8.3. Consider now that the step '0' represents your level of agricultural production in 2002. What is your production now compared to 2002?