TOWNSEND THAI PROJECT

HOUSEHOLD ANNUAL RESURVEY, 1998

Questionnaire

[English Version]

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GROWTH, INEQUALITY AND ORGANIZATIONAL DESIGN

THAILAND: FOLLOW-UP SURVEY

(March 16, 1998)

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I. Household Identification

(Team Leader Records)

CVR1A Changwat	**CVR1A [ ]**
CVR1B Amphoe	**CVR1B [ ]**
CVR1C Tambon	**CVR1C [ ]**
CVR1D Village	**CVR1D [ ]**
CVR1E Household Number	**CVR1E [ ]**
CVR1F Team Number	**CVR1F [ ]**

(Visit Information: Enumerator Records. Record **CVR2D** and **2F** at end of visit.)

CVR2A Enumerator	**CVR2B** Visit #	**CVR2C** Start Time	**CVR2D** End Time	**CVR2E** Day/Month	**CVR2F** Visit Results

CVR2F: Visit Results

1 - completed
3 - partially completed
5 - household refused
7 - no one home
9 - potential respondent could not answer questions satisfactorily
11 - other (specify) **CVR2FO**

(Interview Information: Field Editor or Team Leader Records. Record **CVR3D**, **3F** and **3G** at end of edit)

CVR3A Editor	**CVR3B** Edit #	**CVR3C** Start Time	**CVR3D** End Time	**CVR3E** Day/Month	**CVR3F** Results	**CVR3G** Action

CVR3F: Edit Results

1 - ready for data entry
3 - talk to enumerator
5 - sections incomplete
7 - recommend assign replacement household
9 - other (specify) **CVR3FO**

CVR3G: Action
1 - send to data entry
3 - set up repeat interview with same household (record sections to be repeated)
5 - assign replacement household (record assigned number of replacement household)
7 - other (specify) **CVR3G0**

CVR4 House Number (part of address)	**CVR4 [ ]**

CVR4A Enumerator: please fill in the appropriate code:
1 - this household is living in the same place as in the original survey.
3 - this household has moved to another house in the village since the original survey.
5 - this household has moved away from the village since the original survey
7 - other (specify)
If 1, 3, or 7 go to CVR5.

CVR4B Enumerator: How did you determine that the household has moved away from the village since the original survey? (Record all that apply: A - neighbor, B - village headman or headman's helper, C - other (specify)). You have finished the Resurvey for this household.

CVR5 Name of Household Head **_____**	**CVR5 [xxx]**
CVR5 Translation _____	
CVR6 Name of Respondent **_____** (write the name of the person who is answering the questions, if head write "head", also record on household composition sheet.)	**CVR6 [xxx]**
CVR6 Translation _____	
CVR7 Relationship of Respondent to Head (also record on household composition sheet) **CVR7O1 _____** **CVR7O2 _____**	**CVR7 [ ]**
CVR7O1 Translation _____ **CVR7O2 Translation _____**	

CVR7 Relationship Codes

1 - Head
3 - Spouse
5 - Brother or Sister
7 - Son or Daughter
9 - Son or Daughter in law
11 - grandchild
13 - parent
15 - other relation and household member (specify) **CVR7O1**
17 - not household member (specify) **CVR7O2**

CVR8 Enumerator: when you get to the Household Composition Section (page xx), record the household roster number of the respondent here.	**CVR8** **[ ]**
CVR9 Sex of Respondent (1 - male, 3 - female) (also record on household composition sheet)	**CVR9** **[ ]**
CVR11 What is the current marital status of the household head?	**CVR11** **[ ]**
1 - never married 7 - divorced 3 - married 9 - widowed 5 - separated	
CVR13 What is the most convenient phone number to reach you at?	**CVR13** **[ ]**
CVR14 Whose phone number is this? 1 - this household's phone number 3 - phone number of a relative 5 - village public phone 7 - other	**CVR14** **[ ]**

II. Risk Response

Now I would like to ask you some questions about how your household copes with changes in welfare.

RR4 Comparing this past year (June 1997 – May 1998) to the year before that (June 1996 – May 1997), which was the worst year for household income? *(1 – this past year, June 1997 – May 1998, 3 – the year before, June 1996 – May 1997, 5 – income exactly the same in both years. If 3 or 5 skip to **RR11**)*	**RR4** [ ]
RR5 Why? (Record codes for first two that the respondent mentions) **RR5AO** (if other) _____ **RR5BO** (if other) _____	**RR5A** [ ] **RR5B** [ ]
RR5AO Translation _____ **RR5BO Translation** _____	
RR6 Was this a bad year for many of the households in the village? (1 - yes, 3 - no)	**RR6** [ ]

11 – flood	61 - lower educational expenses
13- not enough rainfall	63 - lower expenses for some other reason
15- pests destroy crop	65 - children finish school and go to work
17- crop yield low for some other reason	67 - children send money home
19- fire destroys house and or equipment	69 - get a better main job
21 - low price for output	71 - have an additional occupation
23 - high input prices	73 - grow a new crop
25 - education expenses are higher	75 - high price for output
27 - need extra money for ceremony	77 - good weather for farming
29 - income lower because of retirement	79 - high crop yield for another reason
31 - high investment costs	81 - able to borrow
33 - high expenses because of illness	83 - high land prices
35 - building expenses are higher	85 - worked more days in current occupation
37 - death in family	87 - high demand for product
39 - worked fewer days in current occupation	89 - won lottery
41 - bad year for household business	91 - other (specify) **RR5AO**, **RR5BO**
43 - lost money from gambling	
45 - unable to repay debts	

RR7 What did your household do to get by last year?
RR7A Spontaneous Responses (record a 1 in the column next to the responses that the respondent mentions without prompting)
RR7B Non-Spontaneous Responses (read all of the responses that the respondent has not mentioned yet. Record a 1 if the respondent did the activity last year)
RR8 Help with money or goods (Ask this question only if the respondent has a 1 for any of the actions 9 - 25, or a relevant "other") Was this a gift or does it have to be repaid? If it is not a gift, do you need to repay at a specific time, or whenever you are able? **Codes**: 1 - gift, 3 - repay when able, 5 - repay at a specific time

	Household Actions	**RR7A** not prompted	**RR7B** prompted	**RR8** repay
1	sell/eat rice in storage			NA
2	spend less on household items, food etc.			NA
3	spend less on inputs			NA
4	sell jewelry			NA
5	sell land			NA
6	work harder than in a normal year			NA
7	do additional occupation			NA
8	use savings			NA
9	get help from government			
10	help from relatives in village (not money)			
11	help with money from relatives in the village			
12	help from relatives out of village (not money)			
13	help with money from relatives out of the village			
14	help from non-relatives in village (not money)			
15	help with money from non-relatives in the village			
16	help from non-relatives out of village (not money)			
17	help with money from non-relatives out of the village			
18	get help from the temple			

	Household Actions		**RR7A** not prompted	**RR7B** prompted	**RR8** repay
19	borrow from BAAC group members				
20	borrow from BAAC				
21	borrow from supplier of inputs in the village				
22	borrow from supplier of input out of the village				
23	borrow from moneylender in village				
24	borrow from moneylender out of village				
25	borrow from village store owner				
26	borrow from village rice bank				NA
27	borrow from PCG				NA
28	borrow from Housewife's group				NA
29	borrow from village fund				NA
30	borrow from Marketing Demonstration Center				NA
31	borrow from Agricultural Cooperative				NA
32	borrow from commercial bank				NA
33	migrate for less than 6 months for work (some/all of household)				NA
34	migrate for 6 or more than months for work (some/all of household)				NA
35	sell livestock or equipment*				NA
36	other (specify)	**Translation**			
37					
38					
39					
40					

Ask the respondent to tell you the first, second and third most important responses.

Ranking of Responses	**RR9A**
First most Important	**[ ]**
	RR9B
Second most Important	**[ ]**
	RR9C
Third most Important	**[ ]**

Sell Livestock or Equipment:
(**For people who have a 1 for 35, otherwise skip to RR11**)

RR10A What did you sell? A – Pigs, B – Cows, C – Buffalo, D – Poultry E – Other **RR10AO _____ RR10AO Translation _____**	**RR10A** **[ ]**
RR10B Did you sell more/the same/less than in a normal year? 1 – more, 3 - same, 5 - less, 7 - in a normal year sell none	**RR10B** **[ ]**
RR10C Did you sell earlier/same time/later than in a normal year? 1 – earlier, 3 - same time, 5 - later, 7 - in a normal year sell none	**RR10C** **[ ]**

RR11 Has your family been affected by the recent turmoil in Thailand's economic circumstances? *(1 – yes, 3 – no. If no skip to **HC1**).*	
RR12 How has your family been affected?	
RR12 Translation	

IV. Household Composition

Now I would like to ask you some questions about all of the people who usually live in this house. (Definition of the household: all the people who lived and ate in this house for at least 6 months out of the last 12 months and children who are studying away from home and are supported by members of this household.)

HC1 Total number of household members (Enumerator answer this question after you have found out about all of the household members)	**HC1 [ ]**

HC2 Name of household member (write down the name you would call them – their nickname, not their formal name)

HC3 How is ___ related to the household head?

HC4 Record the sex of each household member (1 - male, 3 - female)

HC5 How old was ___ on their last birthday? (If 3 years of age or less, skip to the next person.)

HC6 Is ___ in school now? (1 - yes, 3 - no)

HC7 What is the highest grade of school that ___ has completed? (see codes on next page)

HC8 What system of grades was in place when ___ went to school?

Enumerator:
HC8A: After you have found out about all of the members of the household who have lived in this house for at least 6 months out of the last 12 months, ask if there are any people who are living in this house now, although they may not have lived in the house for 6 months out of the last 12. Write the names of these people in the table and repeat questions **HC3** – **HC8** for these people. Record a 3 in the column marked **HC8A** for these people. Record a 1 in the column marked **HC8A** for the people who have lived in the household for at least 6 months out of the last 12 months.

HC8B: Enumerator uses the household table from the last year survey to check if this person is a family member from the 1997 survey or not. 1- yes, 3- no, if this family is not a substitute family (CVR2K=1-11); 5- no, if this is substitute family (CVR2K=13 or 15)

HC1: (After you have found out about the names of all of the household members and the individuals in **HC2** write down the total number of household members above at **HC1** – the data entry program needs this information.

CVR8: Once you are done with this section, record the respondent's line number from the first column of the table on page 3 at **CVR8.**)

#	**HC2** Name	**HC3** Relation	**HC4** Sex	**HC5** Age	**HC6** School	**HC7** Grade	**HC8** system	**HC8A** 6 mos.
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

HC3: Codes for Relationship to Head

1 - head
3 - spouse
5 - brother or sister
7 - son or daughter
9 - son in law or daughter in-law
11 - grandchild
13 - parent
15 - other relation and household member (specify) **HC3O** _____

HC7: Codes for highest grade completed

1 - no school	19 - P.5	37 - M or MS 7	55 - Univ.1
3 - no school yet	21 - P.6	39 - M or MS 8	57 - Univ.2
5 - Kinder 1	23 - P.7	41 - PWC 1	59 - Univ.3
7 - Kinder 2	25 - M or MS 1	43 - PWC 2	61 - Univ.4
9 - Kinder 3	27 - M or MS 2	45 - PWC 3	63 - other
11 - P. 1	29 - M or MS 3	47 - PWS 1	
13 - P. 2	31 - M or MS 4	49 - PWS 2	
15 - P. 3	33 - M or MS 5	51 - PWT 1	
17 - P. 4	35 - M or MS 6	53 - PWT 2	

HC8: Codes for educational system: 1 - either old system, 3 -new, 5-temple

HC9 In the past 12 months, have any family members who had previously migrated away returned to the village? (1 – yes, 3 – no. If no skip to **HC11**.)	
HC10 Why did they return?	
HC10 Translation	

HC11 In the past 12 months, have any household members left the village? (1 – yes, 3 – no. If no skip to **OC1A**.)	
HC12 Why did they leave?	
HC12 Translation	

V. Occupation

(Ask these questions about household members who are 11 years or older. Keep the same member numbers as before.)

Primary Occupation

OC1A What was ___'s primary occupation over the past 12 months?
[See Coding Sheet for Codes]
(Defn: primary occupation = the occupation that you earned the most from during the past 12 months. If there is not a code write in answer. Be sure to write down the job title – for example someone could work in a bank and be a janitor or a the vice president! If someone works in a factory please record what they make – e.g. toys, wigs, computer chips)

OC1B What type of worker is ___ in this job?
[See Coding Sheet for Codes]
OC1C (For wage, salary and government workers only, **OC1B** = 5, 7 or 13) What is ___ 's daily (or monthly, as applicable) wage in this job?
OC1D For how many years has __ been doing this type of work? (If someone says they have been doing this work since they were born, record their age minus 10 as the number of years).

Secondary Occupation

OC2A What was ___'s secondary occupation (if more than one secondary occupation, record the one that the person earned the most from over the past 12 months? (Use code 1 if the person has no secondary occupation, otherwise use the codes for **OC1A**)
[See Coding Sheet for Codes]
OC2B What type of worker is ___ in this job?
[See Coding Sheet for Codes]

Village Positions

OC3 Which of the following village positions does ___ hold? (record all that apply)
[See Coding Sheet for Codes]

	Primary Occupation				**Secondary Occupation**		**Positions**
#	**OC1A** Occupation	**OC1B** type	**OC1C** wage	**OC1D** years	**OC2A** Occupation	**OC2B** type	**OC3** Position

OC1A, OC2A: Codes for Occupation
[See Coding Sheet for Codes]

OC1B, OC2B: Codes for worker type
[See Coding Sheet for Codes]

OC3: Codes for Village or Tambon Positions
[See Coding Sheet for Codes]

VII. Children Living Outside the House

KH1 How many children of the head and/or the spouse live outside the house? (If none skip to **RP8**)	**KH1** **[ ]**

KH2 (If the child was included in the household roster on page 5, then record that number in the first column of the table below and skip to **KH8** . If the child was not included on the roster then write down XX. Please take this opportunity to determine if the child should be included in the household roster, or not. I.e. did the child live in the house for 6 or more months of the last 12, or if they haven't lived in the house for 6 of the last 12 months, are they in school and supported by members of the household?)
KH3 What is ___'s name? (Write down their nickname)
KH4 What was ___'s age at their last birthday?
KH4A What is __'s sex? (1 – male, 3 – female)
KH5 What is the highest grade of school that ___ has completed?
KH6 What is ___'s primary occupation?
[See Coding Sheet for Codes]
KH7 What type of worker are they in this job?
[See Coding Sheet for Codes]
KH8 Where does ___ live? (Record Changwat Code)
KH9 How many times did ___ send you money during the past 12 months?
KH10 Approximately how much money did __send you in **total** over the past 12 months?
KH11 How many times did you send __ money during the past 12 months?
KH12 Approximately how much money did you send ___ in **total** over the past 12 months?

#	**KH3** Name	**KH4** age	**KH5** school	**KH6** job	**KH7** type	**KH8** where

#	**KH9** Send #	**KH10** send $	**KH11** sent #	**KH12** sent $

KH5: Codes for highest grade completed

1 - no school	17 - P. 4	35 - M or MS 6	53 - PWT 2
3 - no school yet	19 - P.5	37 - M or MS 7	55 - Univ.1
	21 - P.6	39 - M or MS 8	57 - Univ.2
5 - Kinder 1	23 - P.7	41 - PWC 1	59 - Univ.3
7 - Kinder 2	25 - M or MS 1	43 - PWC 2	61 - Univ.4
9 - Kinder 3	27 - M or MS 2	45 - PWC 3	63 - other (specify)
11 - P. 1	29 - M or MS 3	47 - PWS 1	
13 - P. 2	31 - M or MS 4	49 - PWS 2	
15 - P. 3	33 - M or MS 5	51 - PWT 1	

KH6 Codes for Occupation
[See Coding Sheet for Codes]

KH7: Codes for worker type
[See Coding Sheet for Codes]

KH8: Codes for Changwat
(get these from SES or CDD)

VIII. Residential Patterns

Head or Spouse's Parents out of the tambon

RP8 Are the head or the spouse's mother and/or father alive and living outside of this tambon? (1 – yes, 3 – no. If no skip to **RP14A**)	**RP8** **[ ]**

Codes: 1 - yes, 3 - no

RP9 In the past 12 months, have you or anyone in your household shared rice with the head or spouse's parents?	**RP9** **[ ]**
RP10 In the past 12 months, have the head or spouse's parents shared rice with you or anyone else in your household?	**RP10** **[ ]**
RP11 In the past 12 months, have you or anyone in your household helped the head or the spouse's parents with free labor	**RP11** **[ ]**
RP12 In the past 12 months, have the head or spouse's parents helped you or anyone in your household with free labor?	**RP12** **[ ]**
RP13 In the past 12 months, have you or anyone in your household helped the head or spouse's parents with money?	**RP13** **[ ]**
RP14 In the past 12 months, have the head or spouse's parents helped you or anyone in your household with money?	**RP14** **[ ]**

Head and Spouse's Relatives in the village and the tambon

RP14A Do the head or the spouse have any relatives (including parents and children) who live in this village or in this tambon, but not in this house? (1 – yes, 3 – no. If no skip to **RP22**)	**RP14A** **[ ]**

Codes: 1 - yes, 3 - no

RP15 In the past 12 months, has anyone in your house shared rice with any of your relatives who live in the village or the tambon?	**RP15** **[ ]**
RP16 In the past 12 months have any of your relatives who live in the village or tambon shared rice with any of the people who live in this house?	**RP16** **[ ]**
RP17 In the past 12 months, has anyone in your house done labor exchange with any your relatives who live in the village or tambon?	**RP17** **[ ]**
RP18 In the past 12 months, has anyone in your house let any of your relatives who live in the village or tambon use farm equipment owned by people in this house for free?	**RP18** **[ ]**
RP19 In the past 12 months, has anyone in your house gotten free use of farm equipment owned by the relatives who live in the village or tambon?	**RP19** **[ ]**
RP20 In the past 12 months, has anyone in your house helped any of the relatives who live in the village or the tambon with money?	**RP20** **[ ]**
RP21 In the past 12 months have any of the relatives who live in the village or the tambon helped anyone in this house with money?	**RP21** **[ ]**

Non - Relatives Inside the Village and Tambon
Codes: 1 - yes, 3 - no

RP22 In the past 12 months, have you or anyone in your household shared rice with non-relatives in the village or the tambon?	**RP22 [ ]**
RP23 In the past 12 months, have any non-relatives in the village or the tambon shared rice with you or anyone else in your household	**RP23 [ ]**
RP24 In the past 12 months, have you or anyone in your household helped non-relatives in the village or the tambon with free labor?	**RP24 [ ]**
RP25 In the past 12 months, have any non-relatives in the village or the tambon helped you or anyone in your household with free labor?	**RP25 [ ]**
RP26 In the past 12 months, have you or anyone in your household let non-relatives in the village or the tambon use farm equipment for free?	**RP26 [ ]**
RP27 In the past 12 months, have any non-relatives in the village or the tambon let you or anyone in your household use farm equipment for free?	**RP27 [ ]**
RP28 In the past 12 months, have you or anyone in your household helped non-relatives in the village or the tambon with money?	**RP28 [ ]**
RP29 In the past 12 months, have any non-relatives in the village or the helped you or anyone in your household with money?	**RP29 [ ]**

XI. Household Assets

HA2 Does anyone who usually lives in this household own ____ ? If so, how many? (record 0 if none, the number owned otherwise. For multiple items – use the extra lines on the table to record the information for each item. "Other" items must cost at minimum 1,000 Baht)

HA3 Have you acquired any ___ in the past 12 months? For example, have you bought or been given any ___? (1 – yes, 3 – no. If no skip to next asset. If last asset skip to **HA6**.)

HA4 What is the total value of the ___ you acquired?

HA4A How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to next asset. If last asset skip to **HA6**. **[See Coding Sheet for Codes]**

HA4B What was the largest source of the money to buy this item?

HA5 How much money came from this source?

HA1 Assets	**HA2** #	**HA3** In?	**HA4** Value	**HA4A** source	**HA4B** source	**HA5** amount
1. TV – Color						
2. VCR						
3. Air Conditioner						
4. Regular Telephone						
5. Cellular Telephone						
6. Refrigerator						
7. Motorcycle						
8. Car						
9. Pick-up Truck						
10. Long Tail Boat w/ motor (rua haan yao)						
11. Large fishing boat (rua lark)						
12. Washing Machine						
13. Gas Stove						
14. Bicycle						
15. Stereo						
16						
17						
18						
19						
20						

HA6 Have you gotten rid of any __ in the past 12 months? For example, have you sold, given away or retired any __ because they were too old? (1 – yes, 3 – no. If no skip to next asset. If last asset go to **FA1**)
HA7 What is the total value of the ___ you got rid of?
HA8 Why did you get rid of this (or these) items?

HA1 Assets	**HA6** rid	**HA7** value	**HA8** why
1. TV - Color			
2. VCR			
3. Air Conditioner			
4. Regular Telephone			
5. Cellular Telephone			
6. Refrigerator			
7. Motorcycle			
8. Car			
9. Pick-up Truck			
10. Long Tail Boat w/ motor (rua haan yao)			
11. Large fishing boat (rua lark)			
12. Washing Machine			
13. Gas Stove			
14. Bicycle			
15. Stereo			
16			
17			
18			
19			
20			

XII. Agricultural Assets

FA1 Is this household involved in agricultural activities? **FA1**
(1 - yes, 3 - no) **[ ]**
(If no skip to **FA4**. Agricultural activities include rice farmer, other crop, shrimp, chicken, pigs, other livestock, orchards, etc. The agricultural activity does not have to be the primary occupation of anyone in the household)

FA2 What type of agricultural activity or activities is this household involved in? (List all that apply) **FA2O** **FA2**
[ ]
_____

FA2O Translation _____

A - rice farming	G - growing another crop
B - corn farming	H - raising livestock: chicken or duck
C - shrimp farming	I - raising livestock: pig, cow or buffalo
D - raise fish other than shrimp	J - working as a farm laborer
E - orchard farming	K - other (specify) **FA2O**
F - vegetable farming	

(Please record the answers to the following questions on the table on the next page.)
FA4 Does anyone who usually lives in this household own ____ ? If so, how many? (record 0 if none, the number owned otherwise. If the household owns multiple items – walking tractors, for example – use the extra lines on the table to record the information for each walking tractor. Other items – lines 12 and higher should cost at least 1000B)
FA5 Have you acquired any ___ in the past 12 months? For example, have you bought or been given any ___? (1 – yes, 3 – no. If no go to next asset. If last asset skip to **FA7**.)
FA6 What is the total value of the ___ you acquired?
FA6A How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to next asset. If last asset skip to **FA7**. **[See Coding Sheet for Codes]**
FA6B What was the largest source of the money to buy this item?
FA6C How much money came from this source?

FA3 Assets	**FA4** #	**FA5** In?	**FA6** Value	**FA6A** source	**FA6B** amount	**FA6C** source
1. Walking Tractor						
2. Large four-wheel tractor						
3. Small four-wheel tractor						
4. Set: machine to put in seeds, pesticides for preventing grass, machine to mix fertilizer and soil						
5. sprinkler						
6. threshing machine						
7. rice mill						
8. crop storage buildings						
9. large chicken coop						
10. other large buildings for livestock						
11. Other important assets that are used in farming						
12						
13						
14						
15						
16						
17						
18						
19						
20						

FA7 Have you gotten rid of any __ in the past 12 months? For example, have you sold, given away or retired any __ because they were too old? (1 – yes, 3 – no. If no skip to next asset. If last asset go to **FA8A**)
FA7A What is the total value of the ___ you got rid of?
FA7B Why did you get rid of this (or these) items?

FA3 Assets	**FA7** Out?	**FA7A** Value	**FA7B** Why
1. Walking Tractor			
2. Large four-wheel tractor			
3. Small four-wheel tractor			
4. Set: machine to put in seeds, pesticides for preventing grass, machine to mix fertilizer and soil			
5. sprinkler			
6. threshing machine			
7. rice mill			
8. crop storage buildings			
9. large chicken coop			
10. other large buildings for livestock			
11. Other important assets that are used in farming			
12			
13			
14			
15			
16			
17			
18			
19			
20			

FA8A How many shrimp or fish ponds for raising adult shrimp or fish (i.e. **only the big ponds, not the little ones for breeding**!) does this household own? (If none, skip to **FA14**)	**FA8A** **[ ]**
FA8B How many new shrimp or fish ponds for raising adult shrimp or fish has the household acquired in the **past 12 months**?	**FA8B** **[ ]**

(Please ask the following questions about fish or shrimp pond acquired in the **past 12 months** and record the answers in the table below.)

FA9 How big is this pond? (Record the answer in rai)

FA10 Is this a shrimp or a fish pond? (1 - shrimp, 3 - fish, 5 - shrimp and fish pond, 7 - other)

FA11 For how many months has this pond been operating?

FA12 How much did it cost to build this pond?

FA13 How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to the next pond. If last pond skip to **FA14**. **[See Coding Sheet for Codes]**

FA13A What was the largest source of the money to build this pond?

FA13B How much money came from this source?

Pond	**FA9** How big	**FA10** shrimp/fish	**FA11** years	**FA12** Cost	**FA13** source	**FA13A** source	**FA13B** amount

FA13: Codes for where the money came from
[See Coding Sheet for Codes]

FA14 How many ___ does the household own? Write down 0 if the household doesn't own any or if they own fewer than 50 chicken or ducks.

FA15 What is the current value of all of these _____ together?

Animal	**FA14** number	**FA15** value
Cows		
Buffalo		
Pig		
Chicken (if ≥ 50)		
Ducks (if ≥ 50)		

FA16 If you could increase the size of your farm (or the scale of your livestock and/or shrimp operations) do you think it would be more profitable? (1 - yes, 3 - no) If no skip to **BA1A.**	**FA16** **[ ]**
FA17A (If yes) What stops you from increasing the size of your farm? What are the main barriers or obstacles to increasing the size of your farm? (Coded response, record all that apply)	**FA17A** **[ ]**
A - Not enough land B - Not enough labor to hire C - Not enough time D - Not enough money to hire labor E - Not enough money to buy equipment F - Not enough money to buy land G - Demand for product is too low H - Price of product is too low I - Other (record in **FA17B**)	
FA17B (If yes) Open response. Use this space to add details to the answers given above. Probe about why they can't or do not want to borrow the necessary funds. _____ _____ _____	**FA17B** **[xxx]**
FA17B Translation _____ _____ _____	**FA17B** **[xxx]**

XIII. Household Business

BA1A In the past 12 months, have you decided to stop running any household businesses for any reason? *(1- yes, 3 – no, all household business are still operating, 5 – no, didn't have any household business. If 3 or 5 skip to* **BA1D***)*	**BA1A [ ]**
BA1B What type of business are you no longer running? *(Use the codes for* **BA3***, below).*	**BA1B [ ]**
BA1C Why is this business no longer operating?	**BA1C [ ]**
BA1C Translation	
BA1D Does anyone in this household currently own a business or part of a business? (1 - yes, 3 - no. If no, skip to **LA4. Include Shrimp or Fish Farms!**)	**BA1D [ ]**
BA2 If yes, how many businesses does this household own all or a part of?	**BA2 [ ]**
BA3 What type of business does this household own all or a part of? (List up to four. If the household owns more than four businesses, list the four with the highest revenues.)	**BA3A [ ]** **BA3B [ ]** **BA3C [ ]** **BA3D [ ]**

BA3AO1 _____ **BA3CO1 _____**
BA3AO2 _____ **BA3CO2 _____**
BA3BO1 _____ **BA3DO1 _____**
BA3BO2 _____ **BA3DO2 _____**

BA3AO1 Translation _____ **BA3CO1 Translation _____**
BA3AO2 Translation _____ **BA3CO2 Translation _____**
BA3BO1 Translation _____ **BA3DO1 Translation _____**
BA3BO2 Translation _____ **BA3DO2 Translation _____**

1 - shop	13 – shrimp and fish farmer
3 - mechanic/repair shop	15 – pickup rental service
5 - hair salon/barber	17 – trader (specify what is traded)
7 - rice miller	**BA3AO1**
9 - shrimp farmer	19 – restaurant/noodle shop
11 - fish farmer	21 – other (specify) **BA3AO2**

Ask questions BA4 – BA31 for business #1 (recorded in BA3A above).
If the household has more than one business please use the extra business forms.
Ask questions BB4 – BB31 for business #2 (recorded in BA3B above).
Ask questions BC4 – BC31 for business #3 (recorded in BA3C above).
Ask questions BD4 – BD31 for business #4 (recorded in BA3D above).

XIII. Household Business #1

BA4 How many years has this business been in existence?	**BA4** **[ ]**
BA5 Where did the idea to start the business come from?	**BA5** **[ ]**
1 – household member 3 – government organization (specify) **BA5O1** 5 - non-government organization (specify) **BA5O2** 7 – company who sells input	9 - books 11 - observing someone else 13 - television program 15 - commercial advertisement 17 - other (specify) **BA5O3**
BA6 Do you, or members of your household own all of the business? (1 – yes, 3 - no; If yes, skip to **BA8B**)	**BA6** **[ ]**
BA7 What percentage is owned by this household?	**BA7** **[ ]**
BA8A Who else owns this business? (get details about relationship, etc.) _____ _____ _____	**BA8A** **[xxxx]**
BA8A Translation _____ _____ _____	**BA8A** **[xxxx]**
BA8B Over the past 12 months, have there been any changes in the ownership of this business (for example changes in the number of partners or their ownership shares? (1 – yes, 3 – no. If no skip to **BA9**.)	**BA8B** **[ ]**
BA8C Please describe the changes in the ownership of this business.	
BA8C Translation	
BA9 How many people altogether worked in this business for at least 6 months of the last 12 months regardless of whether they were paid or not?	**BA9** **[ ]**
BA10 How many of these people are members of the household?	**BA10** **[ ]**
BA11 During the past 12 months, has this business paid anyone in cash or in kind to work here? (1 - yes, 3 - no, if no skip to **BA15A**)	**BA11** **[ ]**
BA12 How many workers were paid?	**BA12** **[ ]**

BA13 What was the lowest daily wage that you paid to anyone over the past 12 months?	**BA13 [ ]**
BA14 What was the highest daily wage that you paid to anyone over the past 12 months?	**BA14 [ ]**
BA15A Did you have any problems with this business over the past 12 months? (1 – yes, 3 - no. If no skip to **BA16**)	**BA15A [ ]**
BA15B What were the problems that you had over the past 12 months?	
BA15B Translation	
BA15C Why did these problems occur?	
BA15C Translation	

BA16 What major machinery, equipment, inventory, buildings and other assets are required for the household's business? (Write the assets in column one of the table below. By "major" we mean assets that cost at least 1000 Baht.)

BA17 How many _____ (ask about the assets identified in **BA16**) does the household own? (If the household owns more than one of an asset then use multiple lines in the table to record the information about how each of the items were acquired etc. Be sure to ask if any part of the house is used as working space etc.)
BA18 How much did this ___ (name asset) cost?
BA19 How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to **BA20**.) **[See Coding Sheet for Codes]**
BA19A What was the largest source of the money to buy this item?
BA19B How much money came from this source?
BA20 For how many years has the household owned this item?

BA16 Assets	**BA17** #	**BA18** Cost	**BA19** source	**BA19A** source	**BA19B** amount	**BA20** years
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

Additional Start-up Capital

BA21A Was this business founded in the past 12 months? (1 – yes, 3 – no. If no go to **BA26**)	**BA21A [ ]**
BA21B Why did you decide to establish this business when you did?	
BA21B Translation	
BA22 Besides the funds that you needed to buy the assets that were necessary to start your business did you need any additional funds to start your business? (1 - yes, 3 - no. If no skip to **BA26**)	**BA22 [ ]**
BA23 What did you need the additional funding for? _____ _____ _____	**BA23 [xxx]**
BA23 Translation _____ _____	**BA23 [xxx]**

BA24 How much additional funding did you need? (indicate total amount in Baht)	**BA24** **[ ]**
BA25 How did you get this additional funding (indicate amount in Baht by source)	**BA25**
1 - cash that had been saved up	**[ ]**
2 - with cash that was raised from selling land or other assets	**[ ]**
3 - credit from store	**[ ]**
4 - funds borrowed from Commercial Bank	**[ ]**
5 - funds borrowed from BAAC	**[ ]**
6 - funds borrowed from Agricultural Cooperative	**[ ]**
7 - funds borrowed from PCG	**[ ]**
8 - funds borrowed from other organization (specify) **BA25O1**	**[ ]**
9 - funds borrowed from relatives	**[ ]**
10 - funds borrowed from non-relatives	**[ ]**
11 - funds borrowed from moneylender	**[ ]**
12 - gift	**[ ]**
13 - from employer	**[ ]**
14 - other (specify) **BA25O2**	**[ ]**
BA25O1 _____ **BA25O1 Translation _____**	
BA25O2 _____ **BA25O2 Translation _____**	

Scale of Business

BA26 If you could increase the size of your business do you think it would be more profitable? (1 - yes, 3 – no. If no skip to **BA28**.)	**BA26** **[ ]**
BA27A (If yes) What stops you from increasing the size of your business? What are the main barriers or obstacles to increasing the size of your business?_____ _____ _____	**BA27A** **[xxx]**
BA27A Translation _____ _____ _____	**BA27A** **[xxx]**
BA27B Probe about why they can't or do not want to borrow the necessary funds. _____ _____ _____	**BA27B** **[xxx]**
BA27B Translation _____ _____ _____	**BA27B** **[xxx]**

BA28 Comparing the past 12 months to the 12 months before that have there been any changes in any of the following? (1 – yes, 3 - no, 5 – not an issue for this business. Enumerator: ask for each issue listed in the table below. If the answer is 3 or 5 go on to the next issue. If it is the last issue, go to **LA4**.

BA29 Please describe the change. Did ___ 1 – increase or 3 – decrease?

BA30 What do you think is the reason for this change?
BA31 How has this change affected this business?

Issue	**BA28** change	**BA29** up/down	**BA30** reason	**BA31** affect
quantity of total output				
value of total output				
profitability of business				
the fraction of product sold directly to customers (retail)				
the fraction of product sold for resale (wholesale)				
the fraction of product sold under contract				
availability of workers				
quality of workers				
wages of workers				
number of suppliers				
availability of credit in general				
availability of credit from suppliers				
availability of credit from banks				
availability of credit from other sources				

XIV. Housing and Landholdings

Landholdings

Now I would like to ask you some questions about your landholdings. I am interested in the land that you cultivate – regardless of whether you own or rent it and also in land that you may own but do not cultivate because it is rented out. Let's start by talking about the land that you cultivate.

Land that the household cultivates

LA4 How many rai did your household cultivate during the past 12 months?	**LA4 [ ]**
LA5 How many plots did your household cultivate during the past 12 months?	**LA5 [ ]**

(Ask the following questions about each plot and record the answers in the table)

LA7 What type of land is in this plot?
LA8 What claim does the household have to this plot?
LA9 What type of land certificate covers this plot?
LA10 How many rai are in this plot?
LA11 Was this plot acquired in the last 12 months? (1 – yes, 3 – no. If no skip to **LA14**.)
LA12 How was this plot acquired? (If **LA12** is **NOT = 1**, then skip to **LA14**)
[See Coding Sheet for Codes]
LA13 (if **LA12** = 1) What were the sources of financing for this land purchase? (Record all that apply. **[See Coding Sheet for Codes]**
LA13A What was the largest source of financing for this land purchase?
LA13B How much money came from this source?
LA14 What is the current value of this plot?

LA6 Plot	**LA7** land type	**LA8** claim	**LA9** title	**LA10** rai	**LA11** 12 mos.	**LA12** how

LA6 Plot	**LA13** financed	**LA13A** source	**LA13B** amount	**LA14** value

LA7: Codes for land type

1 - residential
3 - land for livestock
5 - land for paddy
7 - land for field crops
9 - land for tree crops
11 - land for vegetable crops
13 - land for shrimp or fish raising
15 - other (specify) **LA7O**

LA8 Codes for claim

1 - own plot
3 - rent plot for money
5 - rent plot for portion of harvest
7 - pay no rent - plot owned by relatives
9 - pay no rent - plot owned by non-relatives
11 - pay no rent - plot is on public land/ or land that is not used
13 - someone has mortgaged this plot to your household
15 - other (specify) **LA8O**

LA9: Codes for Land Title

1 - chanod
3 - NS3
5 - NS3K
7 - SK1
9 - Saw Paw Kae
11 - Sor Tor Kor
13 - application for land use
15 - economic forest reserve area
17 - non-economic forest reserve area
19 - other (specify) **LA9O**

LA12: Codes for how land was acquired
[See Coding Sheet for Codes]

LA13: Codes for how land was financed
[See Coding Sheet for Codes]

LA21 Besides land that the household cultivates does the household own any other land? (1 – yes, 3 – no. If no skip to **LA34**)	**LA21** **[ ]**
LA22 How many other plots do you own? (ask questions **LA24 – LA32** for each of these plots.)	**LA22** **[ ]**

LA24 What type of land is in this plot?
LA25 What type of land certificate covers this plot?
LA26 How many rai are in this plot?
LA27 Did you acquire this plot in the last 12 months? (1 – yes, 3 – no. If 3 skip to **LA30**.)
LA28 How was this plot acquired?
[See Coding Sheet for Codes]
LA29 (if **LA28** = 1) What were the sources of financing for this land purchase? (Record all that apply. If only one source skip to **LA30**. **See Coding Sheet for Codes.**
LA29A What was the largest source of financing?
LA29B How much financing did you get from this source?
LA30 What is the current value of this plot?
LA32 How is the land currently being used?

LA23 Plot	**LA24** type	**LA25** title	**LA26** rai	**LA27** 12 mos	**LA28** how	**LA29** finance	**LA29A** source	**LA29B** amount

LA23 Plot	**LA30** value	**LA32** use

LA24: Codes for land type

1 - residential
3 - land for livestock
5 - land for paddy
7 - land for field crops
9 - land for tree crops
11 - land for vegetable crops
13 - land for shrimp or fish
15 - other (specify) **LA24O**

LA25: Codes for Land Title

1 - chanod
3 - NS3
5 - NS3K
7 - SK1
9 - Saw Paw Kor
11 - Sor Tor Kor
13 - application for land use
15 - economic forest reserve area
17 - non-economic forest reserve area
19 - rent land, so not applicable
21 - other (specify) **LA25O**

LA28: Codes for how land was acquired
[See Coding Sheet for Codes]

LA29: Codes for how land was financed
[See Coding Sheet for Codes]

LA32: Codes for how the land is being used

1 - house plot
3 - rented out for cash
5 - rented out for portion of harvest
7 - rented out for free to relatives
9 - rented out free to non-relatives
11 - this plot is mortgaged to someone
13 - plot is not being used
15 - other (specify) **LA32O**

LA34 In the past 12 months, has the household gotten rid of any land (sold it, lost it because of default, given it to children, mortgaged land, other, 1 - yes, 3 - no; if no skip to **EX1**)	**LA34** **[ ]**
LA35 How many times did you get rid of land during the past 12 months? (assign a number to each land loss during the past 12 months and record the number in **LA36** in the table below)	**LA35** **[ ]**

Please ask the following questions about each loss of land

LA37 How many rai were lost/sold?

LA38 What type of land was lost/sold?

LA40 How was the land disposed of? (If **not** 1 or 3 skip to **LA43**)

LA41 (If sold or mortgaged) What did you use this money for? (List all that apply.)

LA42 How much money did you receive for the land (if sold or mortgaged)? How much was this land worth at the time you lost it (if other reason for loss)?

LA43 What was the reason for the land loss? (write in answer)

LA36 loss #	**LA37** rai	**LA38** type	**LA40** how lost	**LA41** proceeds	**LA42** Price	**LA43** Why?

LA38: Codes for type of land

1 - residential
3 - land for livestock
5 - land for paddy
7 - land for field crops
9 - land for tree crops
11 - land for vegetable crops
13 - land for shrimp or fish
15 - other (specify) **LA38O**

LA40: Codes for how land was lost

1 - sold
3 - pawned/mortgaged
5 - lost because of default to moneylender
7 - lost because of default to commercial bank
9 - lost because of default to BAAC
11 - lost because of default to Agricultural Coop
13 - given to children
15 - other (specify) **LA40O**

LA41: Codes for what proceeds of sale were used for

A - pay off debts
B - invest in business
C - buy new land
D - other (specify) **LA41O**

XV. Expenditure

Now I would like to ask you some questions about how much your household spends (or consumes) in a typical month.

EX1 During a typical month last year, how much does your household consume/eat/buy of the following items ___ (ask for each item below. Be sure to include home produced items – rice that the household grew themselves, for example!).

EX2 (Interviewer record code for unit)

Codes
1 - kilograms
3 - bags
5 - packs
7 - bottles
9 - other (specify) **EX2O**

EX3 What is the price per unit of this item?

EX4 What is the total value of expenditures/consumption of this item in a typical month of the last year? (Note: This should be equal to **EX1** times **EX3.**)

Item	**EX1** Amount	**EX2** Unit	**EX2 Trans-lation**	**EX3** Price/ Unit	**EX4** Value
1. Rice you grew yourself (including sticky rice!) (milled rice not paddy!)					
2. Rice you bought (including sticky rice) (milled rice not paddy!)					
3. Other grains					
4. Milk and milk products (powdered milk, condensed milk, fresh milk, yogurt, cheese)					
5. Meat (chicken, beef, pork)					
6. Alcoholic Beverages consumed at home					
7. Alcoholic Beverages consumed away from home					
8. Tobacco					
9. Gasoline - (excluding gasoline for business or farm use)					
10. Ceremonies (wedding, monk's ceremony)	NA	NA			

EX5 In the past 12 months, how much has the household spent on house repairs?	**EX5** **[ ]**
EX6 In the past 12 months, how much has the household spent on vehicle (car and motorcycle) repairs?	**EX6** **[ ]**
EX7 In the past 12 months, how much has the household spent on education expenses? (Include all education costs: tuition, books, transportation, uniforms ….)	**EX7** **[ ]**
EX8 In the past 12 months, how much has the household spent on clothing for all of the household members?	**EX8** **[ ]**
EX9 In the past 12 months, how much has the household spent on food eaten away from home by all household members?	**EX9** **[ ]**

XVI. Income

Now I would like to ask you some questions about what your household's income was over the past 12 months.

IN1 (Gross Revenue) What was your household's total gross income over the past 12 months?	**IN1 [ ]**

Enumerator

(The goal of this section is to come up with an accurate estimate of the households (include all the household members!) income over the past 12 months AND to get as much detail as possible about the sources of the income. Some respondents will be able to tell you what their gross revenue is and then will be able to break it out by source below. Other respondents will know how much they received by source and need help adding it up to get a total. Do not worry about asking questions IN1 and 4 in order. Your calculators will be helpful!)

(The respondent may need help – try asking about revenues last month, then ask if last month was typical – if it is typical, tell the respondent what 12 times the monthly figure is, see if they agree with the amount – should it be higher or lower? By how much? Keep going until the respondent agrees with your figure. Remember this is supposed to be an estimate of the total gross income of the household – all the people who live and eat in the house for at least 6 months out of the year. Remind the respondent to include the value of home produced and consumed items -- rice, for example. Please use the following table to help you and the respondent figure out what revenues for the past year are – as much as possible fill in the table below, but do not worry about it if you do not figure out everything.

IN2 Has anyone in your household received any of the following payments (ask about each payment in the table below) during the past 12 months? 1 - yes, 3 - no

IN4 (If yes) How much did they receive over the past 12 months? (If the respondent knows revenues sources by broader categories than the ones listed below, use column **IN3** to record the category. For example, if revenues for rice farming and other crops are 20,000 Baht, then record 20,000 Baht in column **IN4** row A, and in column **IN3** record A, E to indicate that the 20,000 Baht is for revenues from rice farming and other crops.)

IN5 Enumerator Notes _____ _____ _____ _____	**IN5 [xxx]**
IN5Translation _____ _____ _____ _____	

Revenue Source	**IN2** any?	**IN3** source	**IN4** revenue
A. Rice Farming			
B. Corn Farming			
C. Vegetable Farming			
D. Orchard Farming			
E. Other Crop			
F. Raising Shrimp			
G. Raising Fish			
H. Raising Chicken or Ducks			
I. Raising Pigs, Cows or Buffalo			
J. Raising other Livestock			
K. Wages			
L. Salaries			
M. Rice Mill			
N. Store			
O. Mechanic/Repair Shop			
P. Hair Salon/Barber			
Q. Restaurant/Noodle Shop			
R. Trading			
S. Other Business (specify)			
S1			
S2			
T. Payments for Renting Land			
U. Payments for other Rentals			
V. from Selling Land			
W. Government Assistance			
X. Interest on Savings			
Y. Income from Loan Repayments			
Z. Scholarships or Grants			
AA. Income from Roomers and Boarders			
BB. Proceeds from ROSCA			
CC. Remittances from Relatives			
DD. Remittances from Friends			
EE. Government Lottery			
FF. Dividends			
GG. Retirement Compensation			
HH. Gifts			
II. Other Income (specify)			
II1			
II2			
II3			
Total (should equal IN1)	NA	NA	

IN6 (Business/Farm Expenses) Over the past 12 months, what were the total business or farm expenses for the household? (**IN10F + IN10S + IN10B**)	**IN6** **[ ]**

(Again the respondent may need help – included in these expenses should be **ALL** expenses associated with running the family farm and businesses: wages, marketing and transportation, expenses for products, the value of seed, of inputs (fertilizer, feed, etc.), of livestock, other raw materials. As you are helping the respondent to figure out total expenses, please fill in as much of the table below as possible)

IN7F,S,B Has anyone in your household had the following farm/shrimp/business expense (ask about each expense in the table below, and probe for others) during the past 12 months? 1 - yes, 3 - no

IN9F,S,B (If yes) How much did they spend over the past 12 months? (If the respondent knows expenses by broader categories than the ones listed below, use column **IN8F** to record the category. For example, if expenses for seed and fertilizer are 3000 Baht, then record 3000 Baht in column **IN9F** row A, and in column **IN8F** record A, B to indicate that the 3000 Baht is for seed and fertilizer.)

Farm Expenses	**IN7F** any?	**IN8F** source	**IN9F** expense
A. seeds			
B. fertilizers			
C. pesticides/herbicides			
D. wages – all paid labor			
E. meals for laborers			
F. rental cost of all tractors, machinery and equipment			
G. all land rental			
H. fuel for tractors and any other machinery and equipment			
I. maintenance of tractors and other machinery and equipment			
J. purchase of baby or breeding livestock			
K. food for livestock			
L. Other (specify)			
L #1			
L #2			
L #3			
IN10F Total Farm Expense	NA	NA	

Shrimp/Fish Expenses	**IN7S** any?	**IN8S** source	**IN9S** expense
A. wages – all paid labor			
B. meals for laborers			
C. rental cost of all tractors, machinery and equipment			
D. all land rental			
E. fuel for tractors and any other machinery and equipment			
F. maintenance of tractors and other machinery and equipment			
G. cost of baby shrimp/fish			
H. shrimp and fish breeding expenses			
I. shrimp and fish food			
J. chemicals for shrimp/fish ponds			
K sea water for shrimp/fish ponds			
L. Other (specify)			
L #1			
L #2			
L #3			
IN10S Total Shrimp/Fish Expense	NA	NA	

Business Expenses	**IN7B** any?	**IN8B** source	**IN9B** expense
A. wages – all paid labor			
B. meals for laborers			
C. rental cost of all machinery and equipment			
D. all land rental			
E. fuel for machinery and equipment			
F. maintenance of machinery and equipment			
G. cost of inventory			
H. transportation expense			
I. Other (specify)			
I #1			
I #2			
I #3			
I #4			
I #5			
I #6			
IN10B Total Business Expense	NA	NA	

IN11 (**Enumerator calculate**) Net Income: **IN1 - IN6**	**IN11** **[ ]**
IN12 Is "**IN11**" an accurate estimate of your household's total net profits over the past 12 months? (1 - yes, 3 - no; if yes, skip to **IN14**)	**IN12** **[ ]**
IN13 (If no. Enumerator: find out what needs to be revised, and make the necessary adjustments to **IN1**, **IN6**, **IN4**, and **IN9F, S and B**. Do the necessary calculations and report the revised estimate of net income here.)	**IN13** **[ ]**
IN14 What is your best guess about what the households net profit will be next year?	**IN14** **[ ]**
IN15 If next year is a very good year for your household, what is your best guess of what the households' net profit will be next year?	**IN15** **[ ]**
IN16 If next year is a very bad year for your household, what is your best guess of what the household's net profit will be next year?	**IN16** **[ ]**

Enumerator Notes

IN17 Enumerator Notes _____ _____ _____ _____	**IN17** **[xxx]**
IN17 Translation _____ _____ _____ _____	

XVII. Borrowing

Now I would like to ask you some questions about borrowing and lending.

BL1A Do you or members of your household owe money or goods to anyone? For example, to a commercial bank, the BAAC, a PCG, a Rice Bank, the Agricultural Cooperative, a government agency, a moneylender, a friend, a relative or any other individual or institution? Have you pawned/mortgaged land to anyone, sold your crops in advance, gotten goods on credit from a store owner or a supplier of inputs? (include loans of capital or goods for the business or farms belonging to the household. 1 - yes, 3 - no, if no skip to **BL2A**)	**BL1A** **[ ]**
BL1B How many loans (count the number of loans owed, not the number of institutions!) are owed?	**BL1B** **[ ]**
BL2A In the past 12 months has any member of your household completely repaid a loan of money or goods? (1 - yes, 3 – no)	**BL2A** **[ ]**
BL2B How many loans have been completely repaid during the past 12 months?	**BL2B** **[ ]**

(If **BL1A =** 3 and **BL2A** = 3 then skip to **LE1A**)

(For each loan owed and each loan completely repaid in the past 12 months ask the following questions. Record all of the loan numbers(**BL3A**) and the lenders(**BL3B**) first then for each loan ask **BL3B - BL3K**)

BL3A Loan number (record the loan number (from 1 to **BL1B** + **BL2B**) in column one, record all of the loan numbers and who the lender is first)
BL3B Who did you borrow from?
BL3C In what month and year did you borrow the money?
BL3D Has this loan been fully repaid? (1 - yes, 3 - no)
BL3E How much money or goods (if goods, record value) was borrowed?
BL3F (If the loan has been fully repaid) how much money or goods (if goods, record value) did you have to pay back?
(If the loan has not been fully repaid) How much money or goods will you have to pay back in total (including payments that have already been made)?
BL3G How long is the loan for? (record the answer in months – i.e. how many months are there from when the money was borrowed until the time that it must be paid back?)
BL3H Why was this money borrowed? (record all that apply)
BL3I What did the household offer as collateral for this loan? (If code not 3 - 11 then skip to **BL3K**)
BL3J (If the household used collateral) What was the value of the collateral at the time you got this loan?
BL3K If you could not repay this lender or if this lender had to take your collateral or if your cosigners had to repay the loan for you, what would be the consequences for you (the borrower)?

BL3A Loan #	**BL3B** from	**BL3C** month/year	**BL3D** repaid	**BL3E** borrowed	**BL3F** pay back
1					
2					
3					
4					
5					
6					
BL3A Loan #	**BL3G** months	**BL3H** why	**BL3I** collateral	**BL3J** value	**BL3K** default
1					
2					
3					
4					
5					
6					

BL3B: Codes for Borrowed from

1 - neighbor
3 - relative
5 - BAAC
7 - PCG
9 - Commercial Bank
11 - Agricultural Cooperative
13 - Village Fund
15 - Rice Bank
17 - moneylender
19 - store owner
21 - supplier of inputs
23 - landlord
25 - purchaser of output
27 - other (specify) **BL3BO**

BL3H: Codes for why borrowed

A - walking tractor
B - fertilizer, pesticide, herbicide, seed
C - livestock
D - other farm equipment
E - business investment - specify (**BL3HO1)**
F - buy land
G - build/buy house
H - to relend to others
I - for ceremony
J - consumption
K - to buy motorcycle
L - to buy pick up truck or car
M - to buy television, VCR, air conditioner, stove or other household asset
N - educational expenses
O - other - specify (**BL3HO2**)

BL3I: Codes for collateral

1 - no collateral required
3 - land title - borrower uses land
5 - land title - lender uses land
7 - used savings to guarantee loan
9 - used future crop to guarantee loan
11 - other collateral
13 - single guarantor
15 - multiple guarantors
17 - other, specify **BL3IO**

BL3K: Codes for consequences of default

1 - none
3 - not able to borrow again from this lender
5 - not able to borrow again from this lender and others
7 - other (specify) **BL3KO**

XVIII. Lending

LE1A Does anyone currently owe money or goods to you or members of your household? For example, loans to friends, neighbors, relatives, or business partners that have not yet been repaid, someone has pawned/mortgaged their land to you? (1 - yes, 3 - no)	**LE1A [ ]**
LE1B How many loans are owed to members of this household?	**LE1B [ ]**
LE2A In the past 12 months has any one fully repaid a loan to you or members of your household? (1 - yes, 3 - no)	**LE2A [ ]**
LE2B How many loans have been fully repaid during the past 12 months?	**LE2B [ ]**

(If **LE1A** = 3 and **LE2A** = 3 then skip to **LE5**)

(For each loan owed and each loan completely repaid in the past 12 months ask the following questions. Record all of the loan numbers (**LE3A**) and the borrowers (**LE3B**) first then for each loan ask **LE3B1 - LE3I**)

LE3A Loan number (record the loan number (from 1 to **LE1B** + **LE2B**) in column one, record all of the loan numbers and who the lender is first)
LE3B Who did you loan money to?
LE3C In what month and year did you loan the money?
LE3D Has this loan been fully repaid? (1 - yes, 3 - no)
LE3E How much money or goods (if goods, record value) was loaned?
LE3F (If the loan has been fully repaid) how much money or goods (if goods, record value) were repaid?
(If the loan has not been fully repaid) How much money or goods will have to be repaid in total, including payments that have already been made?
LE3G How long is the loan for? (record the answer in months – i.e. how many months are there from when the money was borrowed until the time that it must be paid back?)
LE3H Why was this money borrowed? (record all that apply)
LE3I What was offered as collateral for this loan?
(If code is not 3 -11 then skip to **LE3K**)
LE3J (If the borrower used collateral) What was the value of the collateral at the time of the loan?
LE3K If this borrower did not repay the loan or if you had to take the borrower's collateral or make one of the cosigners had to repay the loan, what would be the consequences for the borrower?

LE3A Loan #	**LE3B** borrower	**LE3C** month/year	**LE3D** repaid	**LE3E** loaned	**LE3F** pay back
1					
2					
3					
4					
5					
6					
7					
LE3A Loan #	**LE3G** months	**LE3H** why	**LE3I** collateral	**LE3J** value	**LE3K** default
1					
2					
3					
4					
5					
6					
7					

LE3B: Codes for Borrower

1 - non-relative in the village
3 - non-relative out of the village
5 - relative in the village
7 - relative out of the village
9 - business partner
11 - other (specify) **LE3BO**

LE3H: Codes for why borrowed

A - walking tractor
B - fertilizer, pesticide, herbicide, seed
C - livestock
D - other farm equipment
E - business investment (specify) **LE3HO1**
F - buy land
G - build/buy house
H - to relend to others
I - for ceremony
J - consumption
K - to buy motorcycle
L - to buy pick up truck or car
M - to buy television, VCR, air conditioner, stove or other household asset
N - educational expenses
O - other - specify (**LE3HO2**)

LE3I: Codes for collateral

1 - no collateral required
3 - land title - borrower uses land
5 - land title - lender uses land
7 - used savings to guarantee loan
9 - used future crop to guarantee loan
11 - other collateral
13 - single guarantor
15 - multiple guarantors
17 - other, specify **LE3IO**

LE3K: Codes for consequences of default

1 - none
3 - not able to borrow again from this lender
5 - not able to borrow again from this lender and others
7 - other (specify) **LE3KO**

LE5 Have you (or anyone else in your household) turned anyone down who has asked for a loan in the past 12 months? 1 - yes, someone asked for a loan and they were turned down 3 - no, someone asked for a loan and they were not turned down 5 - no, no one asked for a loan from me or anyone else in my household in the past 12 months	**LE5** **[ ]**
LE6 If yes, who did you turn down and why? _____ _____ _____ _____	**LE6** **[xxx]**
LE6 Translation _____ _____ _____ _____	**LE6** **[xxx]**

XIX. Savings

SA1 Do you or members of your household have any of the following kinds of savings? (1 - yes, 3 - no. Ask about list below, also probe for other types of savings)
SA2 What is the most important source of this savings? (record only one answer)

1 - saving up small amounts for a long time
3 - from selling land
5 - from selling other assets
7 - from inheritance
9 - profits from business
11 - from selling agricultural product
13 - from salary or wages
15- lottery winnings
17 - other, specify **SA2O**

SA3 How many times did you make deposits with this institution in the past 12 months?
SA4 How much have you deposited in the past 12 months?
SA5 How many times have you withdrawn money from your savings with this institution during the past 12 months? (do not include loans)
SA6 How much have you withdrawn over the past 12 months?
SA7 What amount do you have saved as of today? (don't ask about gold and cash) For rice record the amount of baht you would get if it was sold.

	SA1 have	**SA2** source	**SA3** times	**SA4** Deposit	**SA5** times	**SA6** withdraw	**SA7** amount
1. Commercial Bank							
2. Agricultural Cooperative							
3. Bank Account at BAAC							
4. PCG Account							
5. Rice Bank							
6. Gold, Jewelry			NA	NA	NA	NA	NA
7. Cash			NA	NA	NA	NA	NA
8. Other Savings, specify							
9. Rice in Storage		NA	NA	NA	NA	NA	
10. Other crops in Storage		NA	NA	NA	NA	NA	

XX. General Questions

GQ2A In the last 12 months have you repaid one loan using a loan from another source? (1 - yes, 3 – no. If no skip to **GQ3A**.)	**GQ2A [ ]**
GQ2B (If yes) Why, what were the circumstances? _____ _____ _____	**GQ2B [xxxxx]**
GQ2B Translation _____ _____ _____	**GQ2B [xxxxx]**
GQ3A In the last 12 months have you repaid a loan late or made a late loan payment? (1 - yes, 3 – no. If no skip to **GQ4A**.)	**GQ3A [ ]**
GQ3B (If yes) Why, what were the circumstances? _____ _____ _____ _____	**GQ3B [xxxxx]**
GQ3B Translation _____ _____ _____ _____	**GQ3B [xxxxx]**
GQ4A In the last 12 months have you missed a savings deposit or made a savings deposit late to a pledge savings account? (1 - yes, 3 – no. If no skip to **GQ5A**.)	**GQ4A [ ]**
GQ4B (If yes) Why, what were the circumstances? _____ _____ _____	**GQ4B [xxxxx]**
GQ4B Translation _____ _____ _____	**GQ4B [xxxxx]**
GQ5A In the last 12 months have you had a loan that was guaranteed by cosigners where the cosigners had to pay all or part of what you owed? (1 - yes, 3 – no. If no skip to **GQ6A**.)	**GQ5A [ ]**
GQ5B (If yes) Why, what were the circumstances? _____ _____ _____ _____	**GQ5B [xxxxx]**
GQ5B Translation _____ _____ _____ _____	**GQ5B [xxxxx]**

GQ6A In the last 12 months have you had a loan that was guaranteed by collateral where you had to forfeit your collateral because you could not repay the loan? (1 - yes, 3 – no. If no skip to **GQ7A**.)	**GQ6A [ ]**
GQ6B (If yes) Why, what were the circumstances? _____ _____ _____ _____	**GQ6B [xxxxx]**
GQ6B Translation _____ _____ _____ _____	**GQ6B [xxxxx]**
GQ7A In the last 12 months have you loaned someone money and then had to take their collateral, get someone else to pay what they owe, or just not been able to get repaid? (1 - yes, 3 - no; if no skip to **GQ8A**)	**GQ7A [ ]**
GQ7B (If yes) Why, what were the circumstances? _____ _____ _____ _____	**GQ7B [xxxxx]**
GQ7B Translation _____ _____ _____ _____	**GQ7B [xxxxx]**
GQ7C Have you loaned money to that person again? (1 - yes, 3 - no)	**GQ7C [ ]**
GQ8A In the past 12 months have you tried to borrow from any institutions and been turned down? (1 – yes, 3 – no. If no skip to **HS1**)	**GQ8A [ ]**
GQ8B (If yes) Why, what were the circumstances?	**GQ8B [xxxxx]**
GQ8B Translation	

XXI. Hypothetical Situation

(Do not read the codes to the respondent, ask follow up questions so that you can code their response as accurately as possible.)

HS1 Suppose you encounter an unavoidable emergency and you needed 2,000 B right away. How would you get the 2,000 B?	**HS1** **[ ]**
HS1O (if other)_____	**HS1O Translation** _____
HS2 If that source wasn't available what would you do?	**HS2** **[ ]**
HS2O (if other)_____	**HS2O Translation** _____
HS3 If that source (in HS2) wasn't available what would you do?	**HS3** **[ ]**
HS3O (if other)_____	**HS3O Translation** _____
HS4 Suppose you encounter an unavoidable emergency and you needed 20,000 B right away. How would you get the 20,000 B?	**HS4** **[ ]**
HS4O (if other)_____	**HS4O Translation** _____
HS5 If that source wasn't available what would you do?	**HS5** **[ ]**
HS5O (if other)_____	**HS5O Translation** _____
HS6 If that source wasn't available what would you do?	**HS6** **[ ]**
HS6O (if other)_____	**HS6O Translation** _____

Codes: HS1, HS2, HS3, HS4, HS5, HS6

1 - use savings
3 - sell land
5 - mortgage land
7 - sell equipment
9 - sell livestock
11 - sell jewelry/gold
13 - sell car
15 - sell motorcycle
17 - sell other assets
19 - get help from the temple
21 - use welfare card
23 - borrow from money lender in the village
25 - borrow from money lender outside the village
27 - borrow from one relative in village
29 - borrow from one relative out of village
31 - borrow from many relatives in the village
33 - borrow from many relatives outside the village
35 - borrow from many relatives in and out of the village
37 - borrow from one non-relative in the village
39 - borrow from one non-relative out of the village
41 - borrow from many non-relatives in the village
43 - borrow from many non-relatives outside of the village
45 - borrow from many non-relatives in and out of the village
47 - borrow from many people – relatives and non-relatives in the village
49 - borrow from many people - relatives and non-relatives outside the village
51 - borrow from many people - relatives and non-relatives in and out of the village
53 - have someone else borrow on your behalf
55 - borrow from PCG
57 - borrow from Agricultural Cooperative
59 - borrow from housewife's group
61 - borrow from BAAC group members
63 - borrow from doctor
65 - borrow from bank
67 – Sell rice
69 - other (specify)

XXII. Institutions and Organizations

IO1 Have you or anyone in your household become a new member or customer of ____ in the past 12 months? (1 - yes, 3 – no. If no skip to IO3.)

IO2 (Ask if **IO1 = 1**) Why did you become a member or customer of this organization?

IO3 Have you or anyone in your household resigned from this organization or ceased to be a customer/member of this organization in the past 12 months? (1 – yes, 3 – no. If no skip to next organization. If last organization skip to instructions before **IO9**.)

IO5 (Ask if **IO3** is **1**) Why did you stop being a member (or a customer of this organization)? (record all that apply)

A - institution closed
B - repaid loan
C - could not save any more, needed money for household expenses
D - too old
E - not enough time to participate
F - household welfare improved
G - household welfare declined
H - other (specify) **IO5O**

	Institution	**IO1** Join	**IO2** Why join	**IO3** Resign	**IO5** why quit
1	Rice Bank				
2	Buffalo Bank				
3	PCG				
4	BAAC				
5	BAAC Group				
6	Agricultural Cooperative				
7	Women's Group				
8	Emergency Fund				
9	Health Fund				
10	Commercial Bank				
11	Gov't Savings Bank				
12	Insurance Company				
13	Finance Company				
14	Money-lender				
15	ROSCA				
16	other (specify)				
17					
18					
19					

This is the end of the interview. Thank you very much for your time and cooperation. We very much appreciate it. Your answers will be studied along with many others to learn more about Thailand's development and to help design more effective institutions to help villagers.

IO9 Do you have any additional comments or observations? _____ _____ _____ _____ _____	**IO9** **[xxxx]**
IO9 Translation _____ _____ _____ _____ _____	**IO9** **[xxxx]**
IO10 Enumerator Comments _____ _____ _____ _____ _____	**IO10** **[xxxx]**
IO10 Translation _____ _____ _____ _____ _____	**1O10** **[xxxx]**
IO11 Stop Time	**IO11** **[ ]**

Enumerator: be sure to record stop time on first page **CVR2D**.

Frequently Used Codes

Occupation: OC1A, OC2A, OH2A, OH3A, OH4A, KH6, PW1

0 - no prior occupation
1 - inactive (or no secondary occupation)
3 - in school
5 - rice farmer
7 - corn farmer
9 - shrimp farmer
11 - raise fish other than shrimp
13 - orchard farmer
15 - farmer growing a different crop
17 - raise livestock: chicken or duck
19 - raise livestock: pig, cow or water buffalo
21 - construction work in village
23 - construction work out of village but in Changwat
27 - construction work in another Changwat, not Bangkok
29 - construction work in Bangkok
31 - rice miller
33 - shop keeper
35 - factory worker
37 - mechanic
39 - clerical worker
41 - administrative or managerial job
43 - nurse
45 - teacher
47 - policeman
49 - government official
51 - accountant
53 - electrician
55 - cleaner or janitor
57 - trader
59 - other (specify) **OC1AO, OC2AO, OH2AO, OH3AO, OH4AO, KH6O, PW1O**

Worker Type: OC1B, OC2B, KH7

1 - owner of business
3 – unpaid family worker
5 - employee - daily wages
7 - employee - monthly wages
9 - employee - piece rate, in house
11 - employee - piece rate, out of house
13 – government worker
15 - other (specify) **OC1BO, OC2BO, KH7O**

Village Positions: OC3

A - no positions
B - headman
C - assistant headman
D - kamnan
E - assistant kamnan
F - PCG committee member
G - Rice Bank committee member
H - head of BAAC group
I - member of women's group committee
J - member of housewife's group committee
K - member of village committee
L - member of tambon committee
M - member of Marketing Demonstration Center committee
N - health volunteer
O - other (specify) **OC3O**

Where Money Came From/ Sources of Funds: HA4A, HA4B, FA6A, FA6B, FA13, FA13A, BA19, BA19A, LA13, LA13A, LA29, LA29A

A - with cash that had been saved up
B - with cash that was raised from selling land
C - with cash that was raised from selling livestock or other assets
D - with cash from selling product
E - on credit from store
F - with funds borrowed from Commercial Bank
G - with funds borrowed from BAAC
H - with funds borrowed from Agricultural Cooperative
I - with funds borrowed from PCG
J - with funds borrowed from other organization (specify) **HA4AO1, etc.**
K - with funds borrowed from relatives
L - with funds borrowed from non-relatives
M - with funds borrowed from moneylender
N - with cash from inheritance
O - gift
P - from employer
Q - other (specify), **HA4AO2, etc.**

How Land was Acquired: LA12, LA28

1 - purchased
3 - inherited
5 - cleared
7 - land reform program
9 - rented land
11 - from a relative
13 - other (specify) **LA12O, LA28O**