TOWNSEND THAI PROJECT

INITIAL KEY INFORMANT SURVEY, 1997

Questionnaire

[English Version]

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GROWTH, INEQUALITY AND ORGANIZATIONAL DESIGN

THAILAND: KEY INFORMANT SURVEY

(March 8, 1997)

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GROWTH, INEQUALITY AND ORGANIZATIONAL DESIGN

THAILAND: KEY INFORMANT SURVEY

March 8, 1997

I. Identification

(Team Leader Records)

CVR1A Changwat	**CVR1A [ ]**
CVR1B Amphoe	**CVR1B [ ]**
CVR1C Tambon	**CVR1C [ ]**
CVR1D Village #	**CVR1D [ ]**
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 - headman refused
7 - headman unavailable
9 - headman unable to answer the 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 - other (specify) **CVR3FO**

CVR3G: Action
1 - send to data entry
3 - set up repeat interview with the headman
5 - set up interview with someone else
7 - other (specify) **CVR3G0**

(Supervisor Records)

CVR1 CDD ID Number of the Village	**CVR1 [ ]**
CVR2 Name of Supervisor _____ **translation_____**	**CVR2 [XXXXXXX]**
CVR3 Team Number	**CVR3 [ ]**

(Visit Information: Enumerator records.)

CVR4A Visit Number	**CVR4B** Enumerator	**CVR4C** Start Time	**CVR4D** End Time	**CVR4E** Day/Month	**CVR4F** Visit Results
1.	**_____ trans_____ _____**	**[ ]**	**[ ]**	**[ ]**	**[ ] other_____ trans_____**
2.	**_____ trans_____ _____**	**[ ]**	**[ ]**	**[ ]**	**[ ] other_____ trans_____**
3.	**_____ trans_____ _____**	**[ ]**	**[ ]**	**[ ]**	**[ ] other_____ trans_____**
4.	**_____ trans_____ _____**	**[ ]**	**[ ]**	**[ ]**	**[ ] other_____ trans_____**

Codes for Visit Results (CVR4F):
1- completed
3 - partially completed
5 - headman refused
7 - headman unavailable
9 - headman unable to answer the questions satisfactorily
11 - other (specify: **other_____)**

(Interview Information: Field editor or team leader records.)

CVR5A Edit Number	**CVR5B** Editor	**CVR5C** Start Time	**CVR5D** End Time	**CVR5E** Day/Month	**CVR5F** Results	**CVR5G** Action
1.	**_____ trans_____ _____ _**	**[ ]**	**[ ]**	**[ ]**	**[ ] other_____ trans_____**	**[ ] other_____ trans_____**
2.	**_____ trans_____ _____ _**	**[ ]**	**[ ]**	**[ ]**	**[ ] other_____ trans_____**	**[ ] other_____ trans_____**
3.	**_____ trans_____ _____ _**	**[ ]**	**[ ]**	**[ ]**	**[ ] other_____ trans_____**	**[ ] other_____ trans_____**
4.	**_____ trans_____ _____ _**	**[ ]**	**[ ]**	**[ ]**	**[ ] other_____ trans_____**	**[ ] other_____ trans_____**

Codes for Edit Results (CVR5F)

1 - ready for data entry
3 - talk to enumerator
5 - sections incomplete
7 - inconsistent answers
9 - other (specify: **other_____)**

Codes for Action (CVR5G)

1 - send to data entry
3 - set up another round of interview with the headman
5 - set up an interview with some one else
7 - other (specify: **other_____)**

II. Characteristics of Village Headman

VH0 Start Time	**VH0** [ ]

Before I ask questions about the village, I would like to ask you some questions about your background. Because we will learn about the village from your perspective, it is important for us to understand you. Let's start with the village headman.

VH1 Name (of village headman)_____ **translation**_____	**VH1** [XXXXXXX]
VH2 House Number	**VH2** [ ]
VH3 What is the most convenient phone number to reach you at ?	**VH3** [ ]
VH3A Whose phone number is it ? 1 - my own 3 - a neighbor's 5 - a relative's 7 - village's public phone 9 - other (specify: **other**_____ trans_____)	**VH3A** [ ]
VH4 Sex (1 - male, 3 - female)	**VH4** [ ]
VH5 How old were you on your last birthday?	**VH5 years** [ ]

VH6 What titles do you currently hold? (**Use Codes for Title. Record all that apply, except in the case where the respondent is the head of an organization - e.g. head of tambon council, check only F and not F and G. Be sure to probe for membership in other groups that we don't have listed here, or that are not "official")** **VH6oth:**_____ **translation**_____	**VH6** [ ]
VH6A Which titles have you held previously (but do not currently hold? (**Use Codes for Title. Record all that apply, except in the case where the respondent is the head of an organization - e.g. head of tambon council, check only F and not F and G. Be sure to probe for membership in other groups that we don't have listed here, or that are not "official")** **VH6Aoth:**_____ **translation**_____	**VH6A** [ ]

Codes for Title (VH6, VH6A)

A - no title
B - headman
C - headman's helper
D - head of tambon
E - head of tambon's helper
F - head of tambon council
G - member of tambon council
H - head of rice bank committee
I - member of rice bank committee
J - head of PCG committee
K - member of PCG committee
L - head of BAAC group
M - member of BAAC group
N - member of agricultural cooperative
O - head of housewife's group
P - member of housewife's group
Q - head of women's group
R - member of women's group
S - rice miller
T - shop keeper
U - money lender
V - teacher
W - other (specify: other_____)

VH7 How many years have you lived in this village?	**VH7 Years** [ ]
VH8 What is the highest grade of school that you have completed ? **(Use the codes for schooling.)**	**VH8** [ ]

Codes for Schooling

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

VH8A What system of grades was in place when you went to school ? (1 - old system, 3 - new system, 5 - temple)	**VH8A** **[ ]**
VH9 From which occupation did you earn most of your income over last 12 months? (**Use codes for occupation.)** **(If the headman is inactive or retired, continue. Otherwise, skip to VH10.)** **oth1:_____ (trans)_____** **oth2:_____ (trans)_____** **oth3:_____ (trans)_____**	**VH9** **[ ]**
VH9A When you were active, from which occupation did you earn most of your income in a typical year? (**Use codes for occupation.)** **oth1:_____ (trans)_____** **oth2:_____ (trans)_____** **oth3:_____ (trans)_____**	**VH9A** **[ ]**
VH10 In your main job, what type of worker are (were) you ? (**Use codes for type of worker.)**	**VH10** **[ ]**

Codes for Occupation (VH9, VH9A)

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 (Thai says store owner)
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 (in Thai can only be male)
59 - other (specify)

Codes for Type of Worker (VH10)

1 - wage worker
3 - unpaid family worker
5 - owner (self employed)
7 - government employee
9 - piece rate worker at home
11 - piece rate worker outside home
13 - other (specify: other_____)

VH11 How much land do you and your spouse own?	**VH11 Rai** [ ]
VH12 How much land did you and your spouse inherit?	**VH12 Rai** [ ]
VH13 From what occupation do/did your parents earn most of their income ? (**Use codes for occupation. See Coding Sheet in Appendix.)** **VH13oth1:_____ trans_____** **VH13oth2:_____ trans_____** **VH13oth3:_____ trans_____**	**VH13** **[ ]**
VH14 What titles/memberships did/does your father hold? (**Use Codes for Title. Record all that apply, except in the case where the respondent is the head of an organization - e.g. head of tambon council, check only F and not F and G. Be sure to probe for membership in other groups that we don't have listed here, or that are not "official")** **VH14oth:_____ trans_____**	**VH14** **[ ]**

VH15 What titles/memberships did/does your mother hold? (**Use Codes for Title. Record all that apply, except in the case where the respondent is the head of an organization - e.g. head of tambon council, check only F and not F and G. Be sure to probe for membership in other groups that we don't have listed here, or that are not "official")** **VH15oth:_____ trans_____**	**VH15** **[ ]**
VH16 How many households in this village are related to you or your spouse?	**VH16** **[ ]**

Codes for Title (VH14, VH15)

A - no title
B - headman
C - headman's helper
D - head of tambon
E - head of tambon's helper
F - head of tambon council
G - member of tambon council
H - head of rice bank committee
I - member of rice bank committee
J - head of PCG committee
K - member of PCG committee
L - head of BAAC group
M - member of BAAC group
N - member of agricultural cooperative
O - head of housewife's group
P - member of housewife's group
Q - head of women's group
R - member of women's group
S - rice miller
T - shop keeper
U - money lender
V - teacher
W - other (specify: other_____)

VH17 Stop Time	**VH17** **[ ]**

III. Settlement and Population

I will ask you many questions about when various events occurred in this village. If you don't remember the exact date, that is fine. It will be very helpful if you can give me a range of years, or tell me if an event happened before or after another event. Please feel free to discuss the questions together and rely on the person who has the best knowledge in coming up with an answer.

(Enumerator: the dates or the relative dates of events should be recorded on the timeline sheet after the interview is over. If neither respondent has information for the time period from when the village was settled until now, ask them to give the information for as far back as they can remember or ask them about stories they have heard and try to establish an approximate date for the information.)

SP0 Start Time	**SP0** **[ ]**

I would like to begin by asking you some questions about the founding of this village and changes in its population since its founding.

SP1 When was this village first settled?	**SP1 Year** **[ ]**
SP2 Where did the first settlers come from? _____ _____ _____ _____	**SP2** **[XXXXXXX]**
SP2 translation_____ _____ _____ _____	
SP3 How many households are there in the village today?	**SP3** **[ ]**
SP4 What is the population of the village today ?	**SP4** **[ ]**

SP5 How many households in the village use the following languages at home ?	
SP5A Lao	**SP5A** **[ ]**
SP5B Khmer	**SP5B** **[ ]**
SP5C Chinese	**SP5C** **[ ]**
SP5D Sway	**SP5D** **[ ]**
SP5E Other (specify: other _____ trans_____)	**SP5E** **[ ]**

SP6 Have there been periods when three or more households moved into the village since it was founded? (1 - yes, 3 - no) **If yes, continue. If no, skip to SP7.**	**SP6** **[ ]**

SP6A When were the major periods of in-migration?
SP6B Who moved to the village? **(probe for ethnicity, occupation)**
SP6C Where did they move from? (**Use codes for migration.)**

SP6A year	**SP6B who**	**SP6C from where**
[ ]	_____ _____	**[ ]** _____
[ ]	_____ _____	**[ ]** _____
[ ]	_____ _____	**[ ]** _____
[ ]	_____ _____	**[ ]** _____
[ ]	_____ _____	**[ ]** _____

SP6B who	**SP6C from where**
1	**1**
2	**2**
3	**3**
4	**4**
5	5

Codes for Migration (SP6C)
1 - other village in the same tumbon (specify the name of village)
3 - other tumbon in the same amphoe (specify the name of tumbon)
5 - other amphoe in the same changwat (specify the name of amphoe)
7 - other changwat (specify the name of changwat)
9 - other country (specify the name of country)

SP7 Have there been periods since the village's founding when three or more households moved out of the village ? (1 - yes, 3 - no) **(If yes, continue. If no, go to SP8.)**	**SP7** **[ ]**

SP7A When were the major periods of out-migration? (Indicate on the table and the time-line)
SP7B Who left the village? (probe for ethnicity, occupation)
SP7C Where did they move to? (**Use codes for migration.)**
SP7D Why did they leave the village?

SP7A year	**SP7B who**	**SP7C to where**	**SP7D why**
[ ]	_____ _____	**[ ]** _____	_____ _____
[ ]	_____ _____	**[ ]** _____	_____ _____
[ ]	_____ _____	**[ ]** _____	_____ _____
[ ]	_____ _____	**[ ]** _____	_____ _____
[ ]	_____ _____	**[ ]** _____	_____ _____

SP7B who	**SP7C to where**	**SP7D why**
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Codes for Migration (SP7C)

1 - other village in the same tumbon (specify the name of village)
3 - other tumbon in the same amphoe (specify the name of tumbon)
5 - other amphoe in the same changwat (specify the name of amphoe)
7 - other changwat (specify the name of changwat)
9 - other country (specify the name of country)

SP8 Has this village ever been officially split into two or more villages? (1 - yes, 3 - no,) **(If yes, continue. If no, skip to SP9)**	**SP8** **[ ]**

(Please fill out the following table in a chronological order.)

	SP8A: year	**SP8B:** name of the other village	**SP8C:** village number of the other village	**SP8D:** remarkable changes in village life and organization
1	**[ ]**	_____	**[ ]**	_____
2	**[ ]**	_____	**[ ]**	_____
3	**[ ]**	_____	**[ ]**	_____
4	**[ ]**	_____	**[ ]**	_____
5	**[ ]**	_____	**[ ]**	_____

	SP8B name of the other village	**SP8D remarkable changes**
1		
2		
3		
4		
5		

SP9 Has this village had the same village number from 1986 until now? (1 - yes, 3 - no) **(If yes, skip to SP10. If no, continue.)**	**SP9** **[ ]**

Please record the village number for each of the following years:	
SP9A 1986 (i.e. Thai Calendar Year 2529)	**SP9A** [ ]
SP9B 1988 (i.e. Thai Calendar Year 2531)	**SP9B** [ ]
SP9C 1990 (i.e. Thai Calendar Year 2533)	**SP9C** [ ]
SP9D 1992 (i.e. Thai Calendar Year 2535)	**SP9D** [ ]
SP9E 1994 (i.e. Thai Calendar Year 2537)	**SP9E** [ ]
SP9F 1996 (i.e. Thai Calendar Year 2539)	**SP9F** [ ]

SP10 Stop Time	**SP10** **[ ]**

IV. Institutions and Organizations

A. BAAC/Agricultural Cooperative Groups in the Village

IOA0 Start Time	**IOA0** **[ ]**

Now I would like to ask you some questions about institutions and organizations. I would like to start by asking you about BAAC/Agricultural Cooperative groups.

IOA1 How many BAAC/Agricultural Cooperative groups are active currently in the village? **(If there is no currently active BAAC/Agricultural Cooperative group, skip to IOA8. Otherwise, continue.)**	**IOA1** **[ ]**

(For each group, repeat the following questions.)

IOA2 Is it a BAAC group or an Agricultural Cooperative group ?
1 - BAAC group 3 - Agricultural Cooperative group
IOA3 What is the name of the leader?
IOA4 In which village does the group leader live?
(If this village, mark O. Otherwise, write down the name of the village.)
IOA5 When was this group formed?
IOA6 How many members are there in this group now?
IOA7 How many members of this group live outside this village?

	IOA2 BAAC/ Agr Coop	**IOA3** leader's name	**IOA4** where	**IOA5** year	**IOA6** no. of members	**IOA7** no. of members out of village
A	**[ ]**	_____ trans_____	_____ trans_____	**[ ]**	**[ ]**	**[ ]**
B	**[ ]**	_____ trans_____	_____ trans_____	**[ ]**	**[ ]**	**[ ]**
C	**[ ]**	_____ trans_____	_____ trans_____	**[ ]**	**[ ]**	**[ ]**
D	**[ ]**	_____ trans_____	_____ trans_____	**[ ]**	**[ ]**	**[ ]**
E	**[ ]**	_____ trans_____	_____ trans_____	**[ ]**	**[ ]**	**[ ]**
F	**[ ]**	_____ trans_____	_____ trans_____	**[ ]**	**[ ]**	**[ ]**

IOA8 How many BAAC/Agricultural Cooperative groups are there that used to be active in the village, but not any more? **(If there is no such BAAC/Agricultural Cooperative group, skip to IOA15. Otherwise, continue.)**	**IOA8** **[ ]**

(For each group, repeat the following questions.)

IOA9 Was it a BAAC group or an Agricultural Cooperative group ?
1 - BAAC group 3 - Agricultural Cooperative group

IOA10 When did this group cease to be active ?

IOA11 When was this group formed ?

IOA12 What is the name of group leader ?

IOA13 In which village does the ex-leader live ?
(If this village, mark O. Otherwise, write down the name of the village.)

IOA14 Why did the group cease to be active ?
(**Use codes for why stopped. Record all that apply.)**

Codes for Why Stopped (IOA14)

A - loan size was too small
B - interest rate was too high
C - occupation of the members changed
D - corruption of members
E - members lost land
F - conflict among members
G - loans/savings of other institution are more attractive
(specify the institution:**oth1**_____)
H - other (specify: **oth2_____)**

	IOA9 BAAC/ Agr Coop	**IOA10** year ended	**IOA11** year started	**IOA12** leader's name	**IOA13** where	**IOA14** why stopped
A	[ ]	[ ]	[ ]	_____ _____ trans_____ _____	_____ _____ trans_____ _____	**[ ]** **oth1:**_____ **trans**_____ **oth2:**_____ **trans**_____
B	[ ]	[ ]	[ ]	_____ _____ trans_____ _____	_____ _____ trans_____ _____	**[ ]** **oth1:**_____ **trans**_____ **oth2:**_____ **trans**_____
C	[ ]	[ ]	[ ]	_____ _____ trans_____ _____	_____ _____ trans_____ _____	**[ ]** **oth1:**_____ **trans**_____ **oth2:**_____ **trans**_____
D	[ ]	[ ]	[ ]	_____ _____ trans_____ _____	_____ _____ trans_____ _____	**[ ]** **oth1:**_____ **trans**_____ **oth2:**_____ **trans**_____
E	[ ]	[ ]	[ ]	_____ _____ trans_____ _____	_____ _____ trans_____ _____	**[ ]** **oth1:**_____ **trans**_____ **oth2:**_____ **trans**_____

IOA15 Stop Time	**IOA15** **[ ]**

B. Institutions and Organizations

IOB0 Start Time	**IOB0** **[ ]**

Now I would like to ask you some questions about institutions and organizations. Part of my goal is to find out about organizations -- both formal and informal -- that provide savings and/or credit services. I am also interested in non-financial organizations, farmer's groups, women's groups, etc. I am interested in organizations that are currently active in the village as well as those that used to be active in the village. Let me start by asking you about a number of organizations. Then I will ask you to tell me about additional institutions that are active (or used to be active in the village).

IOB1A~AE As far as you know, has (name of institution) ever had members or customers in the village? (1 - yes, 3 - no)
IOB1AF~AH Are there any other that are either currently active in the village or that used to be active in the village? (Probe for institutions/organizations and write a '1' in column IOB1. Check out the institutions and organizations mentioned by the respondent in earlier questions. Complete entire list before going to next question)

(Ask the following questions (IOB2 through IOB9) only for those institutions with IOB1 = 1.)

IOB2A~AH When did this organization first have members/customers in this village?
IOB3A~AH Where is this organization/business located?
Codes for Location

1 - in village
3 - not in village, in tambon
5 - not in tambon, in amphoe
7 - not in amphoe, in Changwat
9 - in another Changwat

IOB4A~AH Does this organization currently have members or customers in this village?
(1 - yes, 3 - no)
(**Ask IOB5 only for the institutions with IOB4 = 3.)**

IOB5A~AH When did this organization cease to have members/customers in the village?
(**Ask IOB6 through IOB9 only for the institutions with IOB4 = 1.)**

IOB6A~AH Does this organization have any members from outside the village ?
(1 - yes, 3 - no)
IOB7A~AH Do villagers save with this organization ? (1 - yes, 3 - no)
IOB8A~AH Do villagers borrow from this organization ? (1 - yes, 3 - no)
(**Ask IOB9 only for the institutions with either IOB7 =1 or IOB8 = 1, or both.)**

IOB9A~AH Do the institutions keep records of savings/credits ? (1 - yes, 3 - no)

Institution	**IOB1** ever	**I0B2** year started	**IOB3** where	**IOB4** active	**IOB5** year stopped	**IOB6** member outside village	**IOB7** savings	**IOB8** loans	**IOB9** records
A Rice Bank									
B Buffalo Bank									
C Savings Assoc. (PCG)									
D BAAC						NA			NA
E Agr. Coop						NA			NA
F Gov't Savings Bank						NA			NA
G Commercial Banks						NA			NA
H Insurance Co.						NA			NA
I Finance Co.						NA			NA
J Emergency Fund									
K Health Fund									
L Funeral Fund									
M Fund for the Elderly									
N Fund for the Poor									
O Temple Fund for the Poor									
P Women's Group									
Q Housewife's Group									
R Labor Exchange Group									
S Livestock Fund									
T Farmer's Group									

The table continues in the following page.

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Institution	**IOB1** ever	**I0B2** year started	**IOB3** where	**IOB4** active	**IOB5** year stopped	**IOB6** member outside village	**IOB7** savings	**IOB8** loans	**IOB9** records
Crop Group(s): Specify crops									
U_____ trans_____									
V_____ trans_____									
W_____ trans_____									
X Handicraft Group									
Y Children's Lunch Group									
Z Group to Honor the King									
AA Youth Group									
AB Medicine Group									
AC Health Volunteer									
AD Marketing Demonstration Center									
AE ROSCA									
Other Organizations: Specify									
AF_____ trans_____									
AG_____ tran_____									
AH_____ trans_____									

IOB10 Stop Time	**IOB10** **[ ]**

C. Names of Active Commercial Organizations

IOC0 Start Time	**IOC0** **[ ]**

IOC1F~I Could you please tell me the names of the following institutions that the villagers patronize ?
(Ask only about following institutions that are currently active in the village, that is IOB1 = 1 and IOB4 = 1.).

	IOC1 Name
F Gov't Savings Bank	**1**_____ **trans**_____ **2**_____ **trans**_____
G Commercial Banks	**1**_____ **trans**_____ **2**_____ **trans**_____ **3**_____ **trans**_____
H Insurance Co.	**1**_____ **trans**_____ **2**_____ **trans**_____ **3**_____ **trans**_____
I Finance Co.	**1**_____ **trans**_____ **2**_____ **trans**_____ **3**_____ **trans**_____

IOC2 Stop Time	**IOC2** **[ ]**

D. Financial Institutions

IOD0 Start Time	**IOD0** **[ ]**

IOD1 Check the first column of the table, if the following institutions are active and provide savings and/or loan services in the village. That is, check if **IOB7 = 1** and/or **IOB8 = 1.**

(Ask the following questions only for the institutions checked in the first column.)

IOD2 Overall, how would you rate the financial services of this organization on a scale of 1 to 4, where 1 very good, 2. good, 3. bad 4. very bad ?

IOD3 How do you rate the interest rate for loans borrowed from this organization ?
(1 very good, 2. good, 3. bad 4. very bad)

IOD4 How do you rate the interest rate for savings with this organization ?
(1 very good, 2. good, 3. bad 4. very bad)

IOD5 How do you rate the size of loans from this organization ?
(1 very good, 2. good, 3. bad 4. very bad)

IOD6 How do you rate the duration of loans from this organization ?
(1 very good, 2. good, 3. bad 4. very bad)

IOD7 How do you rate the collateral requirements on loans of this organization ?
(1 very good, 2. good, 3. bad 4. very bad)

Institution	**IOD1** active	**IOD2** over-all	**IOD3** r-loan	**IOD4** r-save	**IOD5** loan size	**IOD6** dura-tion	**IOD7** colla-teral
A Rice Bank	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
B Buffalo Bank	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
C Savings Assoc. (PCG)	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
D BAAC	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
E Agr. Coop	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
F Gov't Savings Bank	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
G Commercial Banks	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
H Insurance Co.	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
I Finance Co.	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AE ROSCA	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AZ other (specify): _____ trans_____	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

IOD8 Stop Time	**IOD8** **[ ]**

E. Formerly Active Institutions

IOE0 Start Time	**IOE0 [ ]**

Now I would like to talk to you about the organizations and institutions that used to be active in the village, but no longer are.

IOE1 (<u>Record the alphabet (from the previous page) of the organizations/institution that used to be active in the village (IOB1 = 1 and IOB4 = 3) in the first column of the table on the following page.</u>)

Codes for Institution (IOE1)

A - Rice Bank
B - Buffalo Bank
C - Savings Assoc. (PCG)
D - BAAC
E - Agr. Coop
F - Gov't Savings Bank
G - Commercial Banks
H - Insurance Co.
I - Finance Co.
J - Emergency Fund
K - Health Fund
L - Funeral Fund
M - Fund for the Elderly
N - Fund for the Poor
O - Temple Fund for the Poor
P - Women's Group
Q - Household Wife's Group
R - Labor Exchange Group
S - Livestock Fund
T - Farmer's Group
U - Crop Group 1 (specify)
V - Crop Group 2 (specify)
W - Crop Group 3 (specify)
X - Handicraft Group
Y - Children's Lunch Group
Z - Group to Honor the King
AA - Youth Group
AB - Medicine Group
AC - Health Volunteer
AD - Marketing Demonstration Center
AE - ROSCA
AF - other (specify)
AG - other (specify)
AH - other (specify)

IOE2 Why did this institution cease to be active in the village?
(<u>Probe about if there are alternative institutions that provide similar services on better terms.</u>)

IOE3 Would you like this institution to begin operating again? (1 - yes, 3 - no)

	IOE1 formerly active Institutions	**IOE2** why stopped ?	**IOE3** re-establish?
A	**[ ]**	_____ _____ _____	**[ ]**
B	**[ ]**	_____ _____ _____	**[ ]**
C	**[ ]**	_____ _____ _____	**[ ]**
D	**[ ]**	_____ _____ _____	**[ ]**
E	**[ ]**	_____ _____ _____	**[ ]**

IOE2 why stopped (translation)
A_____ _____
B_____ _____
C_____ _____
D_____ _____
E_____ _____

IOE4 Stop Time	**IOE4** **[ ]**

F. Wish List

IOF0 Start Time	**IOF0** **[ ]**

IOF1 What additional institutions would you like to have in your village ?
(If there is no additional institution that the respondent likes to have, write 'NONE' in IOF1A and skip to IOF4. Otherwise, continue.)

IOF2 Why?
(Probe: What are the changes and/or you would expect ?)

IOF3 What do you think are the barriers in establishing this institution in your village?

	IOF1 Institutions	**IOF2** why	**IOF3** barriers
A	_____	_____ _____ _____	_____ _____ _____
B	_____	_____ _____ _____	_____ _____ _____
C	_____	_____ _____ _____	_____ _____ _____
D	_____	_____ _____ _____	_____ _____ _____
E	_____	_____ _____ _____	_____ _____ _____

(Translation)

	IOF1 Institutions	**IOF2** why	**IOF3** barriers
A	_____	_____ _____ _____	_____ _____ _____
B	_____	_____ _____ _____	_____ _____ _____
C	_____	_____ _____ _____	_____ _____ _____
D	_____	_____ _____ _____	_____ _____ _____
E	_____	_____ _____ _____	_____ _____ _____

IOF4 Stop Time	**IOF4** **[ ]**

V. Technological Change and Important Events

TC0 Start Time	**TC0** [ ]

Now I would like to ask you some questions about specific events in the villages history.

TC1 Electricity	
TC1A How many households in the village are hooked up to the electricity ? (**If none of the households are hooked up to the electricity, skip to TC2.)**	**TC1A** [ ]
TC1B When did this village first get electricity?	**TC1B** [ ]
TC2 Television	
TC2A How many households in the village have a television ? **(If none of the households have a television, go to TC3.)**	**TC2A** [ ]
TC2B When did the first household in this village get a television?	**TC2B Year [ ]**
TC3 Telephone (regular and/or cellular)	
TC3A How many telephones are there in the village ? (**If there is no telephone in the village, go to TC4.**)	**TC3A** [ ]
TC3B When did the village get a telephone for the first time (either a cellular phone or a regular telephone line, either a public or a private phone) ?	**TC3B** [ ]

TC4 Walking Tractor/Four Wheel Tractor

TC4A How many households currently in this village use walking tractors/4-wheel tractors ? **(If none, skip to TC5. Otherwise, continue.)**

TC4B How many walking tractors/4-wheel tractors are currently owned by the villagers?

TC4C When did the people in this village first use walking tractors/4-wheel tractors ?

TC4D Was (Were) the first villager(s) to start using walking tractors/4-wheel tractors
1- an individual, 3 - a group, 5 - most of the villagers ?
(If the answer is 1, continue. If the answer is 3 or 5, skip to TC4H.)

TC4E How old is the first person that started using walking tractors/4-wheel tractors?

TC4F What is the highest grade of school that the first person have completed ?
(**Use the codes for schooling. See Coding Sheet in Appendix.)**

TC4F1 What system of grades was in place when you went to school ?
(1 - old system, 3 - new system, 5 - temple)

TC4G How many rai of land did the first person have when he/she first started using walking tractors/4-wheel tractors fertilizers ?

TC4H How did the person/group/village learn about the walking tractors/4-wheel tractors ? **(Use the codes for source of information. Record all that apply.)**

TC4I Please tell us which institutions/organizations were involved in the introduction of walking tractors/4-wheel tractors.
(**Use the codes for institutions. See Coding Sheet in Appendix. Record all that apply.)**

Codes for Source of Information (TC4H)

A - none
B - agricultural extension office
C - CDD
D - other government office
(specify: **oth1**_____)
E - advice from non-government organization
F - advise from company who sells input
G - books
H - observing farmers in other villages
(Name of other village:
oth2_____)
I - television program
J - commercial advertisement
K - other
(specify: **oth3** _____)

	TC4A no. of households	**TC4B** no. of machines	**TC4C** year	**TC4D** first adopter	**TC4E** age
1 Walking Tractor	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
2 4-Wheel Tractor	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**

	TC4F schooling	**TC4G** rai	**TC4H** source of information	**TC4I** institution
1 Walking Tractor	**[ ]**	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____	**[ ]** **other**_____ trans_____
2 4-Wheel Tractor	**[ ]**	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____	**[ ]** **other**_____ **trans**_____

TC5 Shrimp Farm/ Fish Farm	
TC5A How many households currently have a shrimp/fish farm? **(If there is any household that has a shrimp/fish farm, continue. If none, skip to TC6.)**	**TC5A** [ ]
TC5B When did the people in this village first start raising shrimp/fish?	**TC5B Year [ ]**
TC5C Was (Were) the first villager(s) to start a shrimp/fish farm 1 - an individual 3. a group 5. most of the villagers ? **(If the answer is 1, continue. If the answer is 3 or 5, skip to TC5C4.)**	**TC5C [ ]**
TC5C1 How old is the first person that started a shrimp/fish farm ?	**TC5C1 Years [ ]**
TC5C2 What is the highest grade of school that the first person have completed ? (**Use the codes for schooling. See Coding Sheet in Appendix.)**	**TC5C2 [ ]**
TC5C2A What system of grades was in place when you went to school ? (1 - old system, 3 - new system, 5 - temple)	**TC5C2A [ ]**
TC5C3 How many rai of land did the first person that started a shrimp/fish farm own at the time when he/she started a shrimp/fish farm?	**TC5C3 Rai [ ]**
TC5C4 How did the person/group/village learn about the shrimp/fish farm ? **(Use the codes for source of information. Record all that apply.)** **oth1:_____ trans_____** **oth2:_____ trans_____** **oth3:_____ trans_____**	**TC5C4 [ ]**
TC5C5 Please tell us which institutions/organizations were involved in the starting the first shrimp/fish farm. (**Use the codes for institutions. See Coding Sheet in Appendix. Record all that apply.**) **other:_____ trans_____**	**TC5C5 [ ]**

Codes for source of information :(TC5C4)

A - none
B - agricultural extension office
C - CDD
D - other government office
(specify: **oth1**_____)
E - advice from non-government organization
F - advise from company who sells input
G - books
H - observing farmers in other villages
(Name of other village: **oth2**_____)
I - television program
J - commercial advertisement
K - other
(specify: **oth3**_____)

TC6 Use of Chemical Fertilizers	
TC6A How many households currently use chemical fertilizers ? **(If none, skip to TC7. Otherwise, continue.)**	**TC6A** [ ]
TC6B When did the people in this village first start using chemical fertilizers ?	**TC6B Year** **[ ]**
TC6C Was (Were) the first villager(s) to start using chemical fertilizers 1 - an individual 3. a group 5. most of the villagers ? **(If the answer is 1, continue. If the answer is 3 or 5, skip to TC6C4.)**	**TC6C**
TC6C1 How old is the first person that started using chemical fertilizers?	**TC6C1 Years** **[ ]**
TC6C2 What is the highest grade of school that the first person have completed ? **(Use the codes for schooling. See Coding Sheet in Appendix.)**	**TC6C2** **[ ]**
TC6C2A What system of grades was in place when you went to school ? (1 - old system, 3 - new system, 5 - temple)	**TC6C2A** **[ ]**
TC6C3 How many rai of land did the first person have when he/she first started using chemical fertilizers ?	**TC6C3 Rai** **[ ]**
TC6C4 How did the person/group/village learn about the chemical fertilizers ? **(Use the codes for source of information. Record all that apply.)** **oth1:_____ trans_____** **oth2:_____ trans_____** **oth3:_____ trans_____**	**TC6C4** **[ ]**
TC6C5 Please tell us which institutions/organizations were involved in the introduction of chemical fertilizers. **(Use the codes for institutions. See Coding Sheet in Appendix. Record all that apply.)** **other:_____ trans_____**	**TC6C5** **[ ]**

Codes for source of information (TC6C4)

A - none
B - agricultural extension office
C - CDD
D - other government office (specify:**oth1**_____)
E - advice from non-government organization
F - advise from company who sells input
G - books
H - observing farmers in other villages (Name of other village: **oth2**_____)
I - television program
J - commercial advertisement
K - other (specify: **oth3** _____)

TC7 Factories	
TC7A Are there any factories **in this amphoe**? (1 - yes, 3 - no) (**If yes, continue. If no, go to TC8.**)	**TC7A** [ ]
TC7B When did the first factory in the amphoe begin to operate?	**TC7B** Year [ ]
TC8 Temple	
TC8A Does this village have a temple? (1 - yes, 3 - no) **(If yes, continue. If no, skip to TC8C.)**	**TC8A** **[ ]**
TC8B When was this village's temple first built? **(Skip to TC9)**	**TC8B Year** **[ ]**
TC8C Where is the temple that most of the villagers go to ? _____	**TC8C** **[XXXXXXX]**

TC8C_____
_____

TC9 Natural Disaster

Now I would like to ask you some questions about natural disasters that have affected your village. Please think back as far as you can remember (or rely on stories you have heard about the past).

TC9A - B When was the village significantly affected by the natural disasters such as droughts, floods, storms, and crop diseases ?. **(Use codes for natural disaster to fill out the first column of event. In the second column write down the year when the event happened. If the same type of natural disaster happened more than once, enter each incident separately. If there were no such incidents, fill the first cell of the table with 0 and skip to TC10.)**

Codes for Natural Disaster

0 - none
1 - drought
3 - flood
5 - storm
7 - crop disease
9 - other natural disaster (specify: **other_____)**

TC9C How did the village cope with the disaster ?

	TC9A Event	**TC9B** Year	**TC9C** How coped with it ?
1	**[ ]** **other_____** **trans_____**	**[ ]**	_____ _____ _____
2	**[ ]** **other_____** **trans_____**	**[ ]**	_____ _____ _____
3	**[ ]** **other_____** **trans_____**	**[ ]**	_____ _____ _____
4	**[ ]** **other_____** **trans_____**	**[ ]**	_____ _____ _____
5	**[ ]** **other_____** **trans_____**	**[ ]**	_____ _____ _____

TC9C how coped with it ?	
1	_____ _____
2	_____ _____
3	_____ _____
4	_____ _____
5	_____ _____

TC10 Epidemics and Diseases
Now I would like to ask you some questions about epidemics and disease that have affected your village. Please think back as far as you can remember (or rely on stories you have heard about the past).

TC10A-B When was the village significantly affected by the following epidemics/disease ? **(Use codes for epidemics and diseases to fill out the first column of epidemic/disease. In the second column fill out the year when that epidemic/disease happened. If the same type of epidemics/disease happened more than once, enter each incident separately. If there were no such incidents, fill the first cell of the table with 0 and skip to TC11.)**

Codes for Epidemics and Diseases

0 - none
1 - cholera
3 - typhoid
5 - malaria
7 - HIV/AIDS
9 - hemoragic fever
11 - small pox
13 - Other (specify: **other_____)**

TC10C How many people from the village were sick?

TC10D How many people from the village died?

TC10E How did the village cope with (name epidemic/disease)?(Probe: Help among villagers, help from outside organizations? Change in water control system or waste disposal system, sanitary conditions in general)

TC10A Epidemic/Disease	**TC10B** Year	**TC10C** no. of Sickness	**TC10D** no. of Death	**TC10E** How coped with it ?
[ ] **oth**_____ **trans**_____	**[ ]**	**[ ]**	**[ ]**	_____ _____ _____ _____
[ ] **oth**_____ **trans**_____	**[ ]**	**[ ]**	**[ ]**	_____ _____ _____ _____
[ ] **oth**_____ **trans**_____	**[ ]**	**[ ]**	**[ ]**	_____ _____ _____ _____
[ ] **oth**_____ **trans**_____	**[ ]**	**[ ]**	**[ ]**	_____ _____ _____ _____

TC10E how coped with it ?	
1	
2	
3	
4	

TC11 Stop Time	**TC11** **[ ]**

VI. Transportation

TR0 Start Time	**TR0** [ ]

Now I would like to ask you some questions about how long it takes to get from your village to various places and how you travel to these places. I am also interested in how long it took to get to these places in the past and when there have been changes in how long it takes to get to the places, the quality of the roads and the means of traveling from place to place.

TR1 Main Roads	
TR1A How many kilometers is the village from the main road ? (Main road is defined to be a pavement with at least two lanes.)	**TR1A Km** **[ ]**
TR1A1 When was the main road paved ?	**TRIA1 Year** **[ ]**
TR1A2 How did the land price change due to the pavement of the main road ? _____ _____ _____	**TR1A2** **[XXXXXXX]**
TR1A2 translation _____ _____ _____	
TR1A3 Have the villagers been going to a different market to sell the major crop since the main road was paved ? (1 - yes, 3 - no.) (**If yes, continue. If no, skip to TR1A4.**)	**TR1A3** **[ ]**
TR1A3A Where was the old market where villagers went to sell the major crop before the main road was paved ?. _____ _____	**TRIA3A** **[XXXXXXX]**
TR1A3A translation _____ _____ _____	
TR1A4 Have the villagers been going to a different market to buy chemical fertilizers since the main road was paved ? (1 -yes, 3 - no) (**If yes, continue. If no, skip to TR2.)**.	**TRIA4** **[ ]**
TR1A4A Where was the old market where villagers used to go to buy chemical fertilizers before the main road was paved ? _____ _____	**TR1A4A** **[XXXXXXX]**
TR1A4A translation_____	

TR2 Connecting Road	
TR2A What percentage of the road connecting the village to the main road paved ? **(<u>If none of the connecting road is paved, skip to TR2D. Otherwise, continue.</u>)**	**TR2A %** **[ ]**
TR2B When was the connecting road paved for the first time?	**TR2B Year** **[ ]**
TR2C How was the pavement of the connecting road financed ? **(<u>Use codes for group finance. Record all that apply.</u>)** **other_____** **trans_____**	**TR2C** **[ ]**
TR2D Is a drainage system built in the connecting road ? (1 - yes, 3 - no) (**<u>If yes, continue. If no, skip to TR2F.</u>**)	**TR2D** **[ ]**
TR2E How was the construction of drainage system financed ? **(<u>Use codes for group finance. Record all that apply.</u>)** **other_____** **trans_____**	**TR2E** **[ ]**
TR2F Can a car pass the connecting road during the rainy season in an average year ? (1 - yes, 3 - no)	**TR2F** **[ ]**

Codes for Group Finance (TR2C, TR2E)

A - villagers pooled money together
B - donation from villagers
C - individual villagers paid for themselves
D - funds provided by form PCG
F - funds provided by from rice bank
G - funds borrowed from commercial bank
H - funds borrowed from BAAC
J - government's subsidy
I - other (specify: **other_____)**

TR3 As far back as you can remember, please tell us when the villagers first got an access to the following transportation systems. **(<u>Ask about the transportation systems listed in the first column of the following table.</u> <u>If the villagers still do not have an access to the transportation system, write down NA in the second column of the table.</u>)**

Transportation System	**Year**
A train	**TR3A [ ]**
B bus	**TR3B [ ]**
C canal	**TR3C [ ]**

TR4 Stop Time	**TR4** [ ]

VII. Land

LA0 Start Time	**LA0** [ ]

Area Under Cultivation

LA1A - C (For each time period listed in the table below ask) How many rai of land are/were cultivated (now/ 5 years ago/ 10 years ago) ?
If the area of cultivated land changed by more than 20 rai in a certain period, continue. Otherwise, skip to the LA4.

LA2A-C Why did the villagers decided to expand/decrease the area under cultivation over this time period?
(Use codes for changes in cultivated land. Record all that apply.)
Codes for changes in cultivated land
A - expanded cultivated land to accommodate growing population
B - decreased cultivated land to accommodate declining population
C - expanded cultivated land because new canal (or other water source) made new land productive
D - decreased cultivated land because land was no longer productive
E - decreased cultivated land because of water project
F - increased cultivated land because land was declared no longer part of forest reserve
G - decreased cultivated land because land was declared part of forest reserve area
H - decreased cultivated land because it was converted to a shrimp/fish farm
I - decreased cultivated land because the village was split up.
J - land reform
K - other (specify: **other** _____)

LA3A - C (Ask for each time period where there was an a change) How was the expansion/or decrease in the area cultivated accomplished?

A - cleared new land individually
B - cleared the land by group cooperation
C - planted abandoned area with plants to restore its productivity
D - abandoned previously cultivated land
E - other (specify) **LA4A/Coth**

	LA1 Rai	**LA2** Why	**LA3** How
A. Now	**[ ]**	**[ ]** **other**_____ **trans**_____	**[ ]** **other**_____ **trans**_____
B. 5 ago	**[ ]**	**[ ]** **other**_____ **trans**_____	**[ ]** **other**_____ **trans**_____
C. 10 ago	**[ ]**	**[ ]** **other**_____ **trans**_____	**[ ]** **other**_____ **trans**_____

LA4 Stop Time	**LA4** [ ]

Land Ownership

LO0 Start Time	**LO0** **[ ]**

Now I would like to ask you some questions about land ownership in the village.

LO1A - G Please ask about the **current** numbers for the categories in the table below.

LO2A - G In last 20 years, did the number increase/remain the same/decrease ?
(1 - increase, 3 - the same, 5 - decrease)
(If there is a change in the number, continue. Otherwise skip to LO5.)

LO3A - G When did the change occur?

LO4A - G Why did the change occur? **(Use the Codes for reasons for change in the land ownership. Record all that apply.)**

Codes for Reason for Change in Land Ownership (LO4A~G)
A - sold to other villagers
B - sold to outsiders
C - lost land because of default on (their own or parents') debt
D - villagers who moved out of the village still own the land in the village
E - agricultural land reform
F - upgrade in the land title
(Specify : from what title **oth1** _____to what title **oth2**_____)
G - other (**oth3** _____)

Land	**LO1** now	**LO2** change	**LO3** when	**LO4** why
A number of households who has no land	**[ ]**	**[ ]**	**[ ]**	**[ ]** **other**_____ **trans**_____
B rai of land owned by outsiders	**[ ]**	**[ ]**	**[ ]**	**[ ]** **other**_____ **trans**_____
C rai of land with chanod	**[ ]**	**[ ]**	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____
D rai of land with NS3	**[ ]**	**[ ]**	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____
E rai of land with NS3K	**[ ]**	**[ ]**	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____
F rai of land with SK1	**[ ]**	**[ ]**	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____
G rai of land with other title (specify: _____)	**[ ]**	**[ ]**	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____

LO5 In last 20 years, how many households in the village have acquired more than 20 rai of land? **(If there are no such household, skip to LO6. Otherwise, continue.)**	**LO5** [ ]
Let's talk about the most recent case.	
LO5A What is the main occupation of the household head who purchased more than 20 rai of land most recently ? (**Use the codes for occupation. See Coding Sheet in Appendix.)** **other:_____ trans_____**	**LO5A** **[ ]**
LO5B How did the household head, who acquired more than 20 rai of land most recently, financed it ? (**Use the codes for individual finance. Record all that apply.**) **oth1:_____ trans_____** **oth2:_____ trans_____**	**LO5B** **[ ]**

Codes for Individual Finance (LO5B)

A - use savings
B - sell land
C - mortgage land
D - sell equipment
E - sell livestock
F - sell jewelry/gold
G - sell car
H - sell motorcycle
I - sell other assets
J - get help from the temple
K - use welfare card
L - go without the medicine
M - go without the hospital care
N - borrow from one relative in village
O - borrow from one relative out of village
P - borrow from many relatives in the village
Q - borrow from many relatives outside the village
R - borrow from many relatives in and out of the village
S - borrow from one non-relative in the village
T - borrow from one non-relative out of the village
U - borrow from many non-relatives in the village
V - borrow from many non-relatives outside of the village
W - borrow from many non-relatives in and out of the village
X - borrow from many people - relatives and non-relatives in the village
Y - borrow from many people - relatives and non-relatives outside the village
Z - borrow from many people - relatives and non-relatives in and out of the village
AA - have someone else borrow on your behalf
AB - borrow from PCG
AC - borrow from Agricultural Cooperative
AD - borrow from housewife's group
AE - borrow from BAAC group members
AF - borrow from doctor
AG - borrow from bank
AH - other (specify)_____

LO6 In last 20 years, how many households in the village have sold or lost more than 20 rai of land? **(If there are no such household, skip to LO7. Otherwise, continue.)**	**LO6** **[ ]**
Let's talk about the most recent case.	
LO6A What is the main occupation of the household head who sold or lost more than 20 rai of land most recently? (**Use the codes for occupation. See Coding Sheet in Appendix.)** **other:_____ trans_____**	**LO6A** **[ ]**
LO6B Why **that** household sold or lost more than 20 rai of land ? (**Use the codes for reasons for loss of land. Record all that apply.**) **other:_____ trans_____**	**LO6B** **[ ]**

Codes for Reasons for Loss of Land (LO6B)
A - sold land to pay debts
B - lost land in default
C - sold land to buy other land
D - sold land to raise cash for consumption
E - sold land to raise cash to start investment (e.g., to build a shrimp/fish pond)
F - bequeath land to children
G - other (specify: **other**_____)

LO7 Has the village ever had any common land? (1 - yes, 3 - no) **(If yes, continue. If no, skip to LO8.)**	**LO7** [ ]
LO7A When was the common land in the village first established ?	**LO7A Year** [ ]
LO7B How much common land is there now ?	**LO7B Rai** [ ]
LO7C How much common land was there 10 years ago ?	**LO7C Rai** [ ]
LO7D How much common land was there 20 years ago ? **(If there was a common land in the past but not any more, continue. Otherwise, skip to LO8.)**	**LO7D Rai** [ ]
LO7E When was the common land in this village abolished?	**LO7E Year** **[ ]**

LO8 Has any part of the village land been a non-economic forest reserve area? (1 - yes, 3 - no) **(If yes, continue. If no, skip to LO9.)**	**LO8** [ ]
LO8A When was it first declared as a non-economic forest reserve area?	**LO8A Year** [ ]
LO8B How much non-economic forest reserve area is there now ? **(If there is no non-economic forest reserve area any more, continue. Otherwise, skip to LO8D.)**	**LO8B Rai** **[ ]**
LO8C When was it abolished ? **(Skip to LO9.)**	**LO8C Year** **[ ]**

LO8D What percentage of the non-economic forest reserve area is currently cultivated?	**LO8D %** **[ ]**
LO8E What percentage of the non-economic forest reserve area is currently covered with trees?	**LO8E %** [ ]

LO9 Has any part of the village land been an economic forest reserve area? (1 - yes, 3 - no) **(If yes, continue. If no, skip to LO10.)**	**LO9** [ ]
LO9A When was it first declared as an economic forest reserve area?	**LO9A Year** [ ]
LO9B How much economic forest reserve area is there now ? **(If there is no economic forest reserve area any more, continue. Otherwise, skip to LO9D.)**	**LO9B Rai** **[ ]**
LO9C When was it abolished ? **(Skip to LO10.)**	**LO9C Year** **[ ]**
LO9D What percentage of the economic forest reserve area is currently cultivated?	**LO9D %** **[ ]**
LO9E What percentage of the economic forest reserve area is currently covered with trees?	**LO9E %** [ ]

LO10 Stop Time	**LO10** [ ]

Land Quality

LQ0 Start Time	**LQ0** [ ]

Now I would like to ask you some questions about the quality of agricultural land in the village.

	Land Type		
	A: High Quality	**B**: Medium Quality	**C**: Low Quality
LQ1 How many rai of the agricultural land in the village would you estimate is of high/medium/low quality?	[ ]	[ ]	[ ]
LQ2 On average, is the land of that quality low land or upland ? 1 - upland, 3 - lowland	[ ]	[ ]	[ ]
LQ3 On average, does the land of that quality have a good or bad access to a water source ? 1 - good, 3 - bad	[ ]	[ ]	[ ]
LQ4 On average, how fertile is the land of that quality ? 1 - very fertile, 3 - fertile, 5 - infertile, 7 - very infertile	[ ]	[ ]	[ ]
LQ5 On average, what type of soil does the land of that quality have ? 1 - black, 3 - clay 5 - sandy, 7 - gravely, 9 - other (specify: **other**_____)	[ ] **oth**_____ **trans**_____	[ ] **oth**_____ **trans**_____	[ ] **oth**_____ **trans**_____
LQ6 What is the major crop grown on the land of this quality when there is enough water ? (**Use crop code.)**	[ ] **oth**_____ **trans**_____	[ ] **oth**_____ **trans**_____	[ ] **oth**_____ **trans**_____
LQ7 What is the major crop grown on the land of this quality when there is not enough water ? (**Use crop code.)**	[ ] **oth**_____ **trans**_____	[ ] **oth**_____ **trans**_____	[ ] **oth**_____ **trans**_____

Codes for Crop (LQ6, LQ7)

1 - rice
3 - sweet corn
5 - feed corn
7 - soy bean
9 - vegetables
11 - other (specify: **other**_____)

	A: **High Quality**	**B**: **Medium Quality**	**C**: **Low Quality**
LQ8 In a year with good rainfall, what is the average yield of (major crop) on the land of this quality (kg per rai)?	Kg/rai [ ]	Kg/rai [ ]	Kg/rai [ ]
LQ9 What is the average **annual** rent per rai of this type of land ? (If the respondent answers in terms of amount of rice, compute its value after the interview is over.)	bahts/rai [ ]	bahts/rai [ ]	bahts/rai [ ]
LQ10 What is the average price per rai of the agricultural land of this quality?	Bahts/rai [ ]	Bahts/rai [ ]	Bahts/rai [ ]
LQ11 What is the highest price per rai of the agricultural land of this quality that has the best access (e.g., near a road or a canal) ?	bahts/rai [ ]	bahts/rai [ ]	bahts/rai [ ]
LQ12 Five years ago, what was the price per rai of the same piece of land you mentioned in **LQ11** ?	bahts/rai [ ]	bahts/rai [ ]	bahts/rai [ ]
LQ13 Ten years ago, what was the price per rai of the same piece of land you mentioned in **LQ11** ?	bahts/rai [ ]	bahts/rai [ ]	bahts/rai [ ]
LQ14 What is the lowest price per rai of the agricultural land of this quality that has the worst access (e.g., far from a road or a canal) ?	bahts/rai [ ]	bahts/rai [ ]	bahts/rai [ ]
LQ15 Five years ago, what was the price per rai of the same piece of land you mentioned in **LQ14** ?	bahts/rai [ ]	bahts/rai [ ]	bahts/rai [ ]
LQ16 Ten years ago, what was the price per rai of the same piece of land you mentioned in **LQ14** ?	bahts/rai [ ]	bahts/rai [ ]	bahts/rai [ ]

LQ17 Stop Time	**LQ17** [ ]

Soil Problems and Pollution

LQS0 Start Time	**LQS0** [ ]

LQS1 Is there any problem with the soil of the land in this village ? (1 - yes, 3 - no) **(If yes, continue. If no, go to LQS2.)**	**LQS1** [ ]

LQS1A What kind of soil problems do you have ?
(**Record all that apply one by one in the first column of the table**.)
Codes for Soil Problems

1. top soil erosion
3. acidic soil
5. low nutrient soil
7. poor drainage
9. hardened soil
11. other (specify: **LQS1Aoth**_____)

LQS1B How many rai of the agricultural land are affected by this problem now ?

LQS1C When did this problem become recognizable ?

LQS1D What is the reason for this problem?

LQS1E Have the households in this village worked together to solve this soil problem?
(1 - yes, 3 - no)

LQS1F Which institutions or organizations have been involved in solving the problems or helping the affected households ?
(Use the codes for institutions/organizations. See Coding Sheet in Appendix. Record all that apply.)

LQS1A Soil Problem	**LQS1B** Rai	**LQS1C** Year	**LQS1D** Why	**LQS1E** Coopera -tion	**LQS1F** Institu- tion
[ ] **oth_____** **trans_____**	**[ ]**	**[ ]**	_____ _____ _____ _____	**[ ]**	**[ ]**
[ ] **oth_____** **trans_____**	**[ ]**	**[ ]**	_____ _____ _____ _____	**[ ]**	**[ ]**
[ ] **oth_____** **trans_____**	**[ ]**	**[ ]**	_____ _____ _____ _____	**[ ]**	**[ ]**
[ ] **oth_____** **trans_____**	**[ ]**	**[ ]**	_____ _____ _____ _____	**[ ]**	**[ ]**

LQS1D why
1_____
2_____
3_____
4_____

(Repeat the following questions (LQS2 - 6) for each of the following problems.)

LQS2A - X Has the village experienced this problem ? (1 - yes, 3 - no**.)**
(If yes, continue. If no, skip to the next item (next row in the table).)

LQS3A - X How many households are affected by this pollution now ?
LQS4A - X When did this problem become recognizable ?
LQS5A - X Have the households in this village worked together to solve this soil problem ? (1 - yes, 3 - no)
LQS6A - X Which institutions or organizations have been involved in solving the problems or helping the affected households?
(Use the codes for institutions/organizations. See Coding Sheet in Appendix. Record all that apply.)

	LQS2 Yes/No	**LQS3** No. of HH's	**LQS4** Year	**LQS5** cooperation	**LQS6** institution
A. fertilizer on drinking water	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
B. fertilizer on household water	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
C. fertilizer on crop water	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
D. fertilizer on soil	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
E. fertilizer on animals	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
F. fertilizer on people	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
G. pesticide on drinking water	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
H. pesticide on household water	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
I. pesticide on crop water	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
J. pesticide on soil	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
K. pesticide on animals	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
L. pesticide on people	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**

	LQS2 Yes/No	**LQS3** No. of HH's	**LQS4** Year	**LQS5** cooperation	**LQS6** institution
M. herbicide on drinking water	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
N. herbicide on household water	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
O herbicide on crop water	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
P herbicide on soil	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
Q. herbicide on animals	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
R. herbicide on people	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
S sewage/dumping on drinking water	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
T. sewage/dumping on household water	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
U sewage/dumping on crop water	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
V sewage/dumping on soil	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
W sewage/dumping on animals	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
X sewage/dumping on people	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**

LQS7 Does one farmer's application of chemical fertilizer/ pesticide/ herbicide hurt or help the other farmers who have plots nearby, for example because the fertilizer/pesticides/herbicides run off to the plots nearby ? **(Use codes for side effects.)**	**LQS7** [ ]

Codes for Side Effects (LQS7)
1 - no impact on other farmers
3 - hurts other farmers
5 - helps other farmers

LQS8 Stop Time	**LQS8** [ ]

Water

LAW0 Start Time	**LAW0** [ ]

Now I would like to ask you some questions about the village's agricultural water supplies.

LAW1A Which of the following water sources provide water for agricultural purposes during a typical Hot Season in this village? (Check out all the sources listed in the table below. 1 - provides water, 3 - no water)

LAW1B (if LAW1A = 1) What percentage of plots do NOT have access to this water source during the Hot Season?

LAW2A Which of the following water sources provide water for agricultural purposes during a typical Rainy Season in this village? (Check out all the sources listed in the table below. 1 - provides water, 3 - no water)

LAW2B (if LAW2A = 1) What % of plots do NOT have access to this water source during the Rainy Season?

LAW3A Which of the following water sources provide water for agricultural purposes during a typical Cold Season in this village? (Check out all the sources listed in the table below. 1 - provides water, 3 - no water)

LAW3B (if LAW3A = 1) What % of plots do NOT have access to this water source during the Cold Season?

Source	**LAW1** hot		**LAW2** rainy		**LAW3** cold	
	LAW1A y/n	**LAW1B** %	**LAW2A** y/n	**LAW2B** %	**LAW3A** y/n	**LAW3B** %
1. Rainfall	**[ ]**	**NA**	**[ ]**	**NA**	**[ ]**	**NA**
2. stream	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
3. river	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
4 irrigation canal (financed by the irrigation dept.)	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
5. natural khlong	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
6.man-made khlong small	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
7. natural reservoir (Baung)	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
8. small man-made reservoir (Fai)	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
9. large man-made reservoir (Aang gep nam)	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
10. natural ponds (huay, nong)	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
11. well	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
12. large pumps	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
13 other _____ trans_____	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**	**[ ]**

If the water source is man-made (4, 6, 8, 9, 11, or 12), ask further the following questions.

LAW4 When was this water source constructed?

LAW5 Who/What institution planned the construction of the water source ?
(Use code for planner. Record all that apply.)

LAW6 How was the construction of it financed?
(Use codes for group finance. Record all that apply.)

Man-made water source	**LAW4** year	**LAW5** planner	**LAW6** finance
A- 4 irrigation canal	**[ ]**	**[ ]** **other_____** **trans_____**	**[ ]** **other_____** **trans_____**
B- 6 man-made khlong (small)	**[ ]**	**[ ]** **other_____** **trans_____**	**[ ]** **other_____** **trans_____**
C- 8 small man-made reservoir	**[ ]**	**[ ]** **other_____** **trans_____**	**[ ]** **other_____** **trans_____**
D- 9 large man-made reservoir	**[ ]**	**[ ]** **other_____** **trans_____**	**[ ]** **other_____** **trans_____**
E- 11 well	**[ ]**	**[ ]** **other_____** **trans_____**	**[ ]** **other_____** **trans_____**
F- 12 large pumps	**[ ]**	**[ ]** **other_____** **trans_____**	**[ ]** **other_____** **trans_____**
G- other (specify)	**[ ]**	**[ ]** **other_____** **trans_____**	**[ ]** **other_____** **trans_____**

Codes for Planner (LAW5)

A - headman
B - other individual villagers
C - village committee
D - PCG
E - rice bank
F - irrigation department
G - agricultural extension office
H - CDD
I - tumbon council
J - other (specify: _____)

Codes for Group Finance (LAW6)

A - villagers pooled money together
B - donation from villagers
C - individual villagers paid for themselves
D - funds provided by from PCG
F - fund provided by from rice bank
G - funds borrowed from commercial bank
H - funds borrowed from BAAC
J - government's subsidy
I - other (specify: _____)

LAW7 Stop Time	**LAW7** [ ]

VIII. Occupation

Now I would like to ask both of you some questions about how people in this village make their living now and about how they used to make their living in the past.

A. Agricultural Activities

OCA0 Start Time	**OCA0** [ ]

OCA1 How many households in this village are involved in agriculture as owners/renters ?	**OCA1** [ ]
OCA2 Is there a reliable irrigation system in the village ? (1 - yes, 3 - no) **(If yes, continue. If no, go to OCA6.)**	**OCA2** [ ]

OCA3 In an average year what crops do the villagers grow ? **(Write down the names of crops and vegetables in the first column of the following table.)**
OCA4 In an average year, how many households are growing this crop/vegetables ?
OCA5 In an average year, what is the seasonal pattern of agricultural work in the village ? Please tell us in which month of the year the villagers do the following activities. (**Write the relevant code in cell for the relevant crop and month.**)

	OCA3	**OCA4**	**OCA5 Month**											
	crops	**no. of hh's**	1	2	3	4	5	6	7	8	9	10	11	12
Field Crops														
A														
B														
C														
D														
Vegetables														
E														
F														
G														
Tree crops														
H														
I														
Shrimp/Fish Farming														
J														
K														
L														

Codes for Agricultural Activities (OCA5)

A - land preparation
B - sowing seeds
C - growing seedling on a nursery
D - transplanting
E - fertilizer
F- weeding (manual and/or herbicides)
G - pesticides
H- harvesting
I- shrimp/fish farming
J - other (specify: _____)

(<u>If the respondent cannot answer OCA5, continue. Otherwise, go to OCA12.</u>)

OCA6 In a favorable year in terms of timing and amount of rain, what crops do the villagers grow ? **(<u>Write down the names of crops and vegetables in the first column of the following table.</u>)**

OCA7 In a favorable year in terms of timing and amount of rain, how many households are growing this crop/vegetables ?

OCA8 In a favorable year in terms of timing and amount of rain, what is the seasonal pattern of agricultural work in the village ? Please tell us in which month of the year the villagers do the following activities. (**<u>Write the relevant code in cell for the relevant crop and month.</u>**)

	OCA6	**OCA7**	**OCA8 Month**											
	crops	**no. of hh's**	1	2	3	4	5	6	7	8	9	10	11	12
Field Crops														
A														
B														
C														
D														
Vegetables														
E														
F														
G														
Tree crops														
H														
I														
Shrimp/Fish Farming														
J														
K														

Codes for Agricultural Activities (OCA8)

A- land preparation
B- sowing seeds
C - growing seedling on a nursery
D - transplanting
E - fertilizer
F- weeding (manual and/or herbicides)
G - pesticides
H - harvesting
I - shrimp/fish farming
J - other (specify:_____)

OCA9 In a relatively bad year in terms of timing and amount of rain, what crops do the villagers grow ? **(Write down the names of crops and vegetables in the first column of the following table.)**
OCA10 In a relatively bad year in terms of timing and amount of rain, how many households are growing this crop/vegetables ?
OCA11 In a relatively bad year in terms of timing and amount of rain, what is the seasonal pattern of agricultural work in the village ? Please tell us in which month of the year the villagers do the following activities. (**Write the relevant code in cell for the relevant crop and month.**)

	OCA9	**OCA10**	**OCA11 Month**											
	crops	**no. of hh's**	1	2	3	4	5	6	7	8	9	10	11	12
Field Crops														
A														
B														
C														
D														
Vegetables														
E														
F														
G														
Tree crops														
H														
I														
Shrimp/Fish Farming														
J														
K														

Codes for Agricultural Activities (OCA11)

A - land preparation
B - sowing seeds
C - growing seedling on a nursery
D - transplanting
E - fertilizer
F - weeding (manual and/or herbicides)
G - pesticides
H - harvesting
I - shrimp/fish farming
J - other (specify: _____)

Interviewer: Major crop is the crop that is grown by the most households in the village. Check the answers for OCA4 and/or OCA7. If the answers for OCA4 and OCA7 are not consistent, follow OCA4.

OCA12 Improved Variety of Major Crop	
OCA12A When did people in this village grow improved varieties of the major crop **for the first time** ?	**OCA12A Year** [ ]
OCA12B What is the 'current' improved variety of the major crop ? (**If possible, please get the varietal number given by the ministry of Agriculture.**)	**OCA12B** [ ]
OCA12C What fraction of the farmers in the village currently grow the improved variety of the major crop ?	**OCA12C %** **[ ]**
OCA12D Was (Were) the first villager(s) to grow the **'current'** improved variety 1 - an individual 3. a group 5. most of the villagers ? **(If the answer is 1, continue. If the answer is 3 or 5, skip to OCA12D4.)**	**OCA12D** **[ ]**
OCA12D1 How old is the first adopter of the **'current'** new variety ?	**OCA12D1Years** **[ ]**
OCA12D2 What is the highest grade of school that the first adopter of the 'current' new variety have completed ? (**Use the codes for schooling. See Coding Sheet in Appendix.)**	**OCA12D2** **[ ]**
OCA12D2A What system of grades was in place when you went to school ? (1 - old system, 3 - new system, 5 - temple)	**OCA12D2A** **[ ]**
OCA12D3 How many rai of land did the first adopter of the 'current' new variety own at the time when he adopted the new variety ?	**OCA12D3 Rai** **[ ]**
OCA12D4 How did the person/group/village learn about the improved variety? **(Use codes for source of information. Record all that apply.)** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____	**OCA12D4** **[ ]**
OCA12D5 Please tell us which institutions/organizations were involved in the adoption of the new variety of the major crop. (**Use the codes for institutions. See Coding Sheet in Appendix. Record all that apply.**) **other:**_____ **trans**_____	**OCA12D5** **[ ]**

OCA12D4: Codes for source of information

A - none
B - agricultural extension office
C - CDD
D - other government office (specify: **oth1**_____)
E - advice from non-government organization
F - advise from company who sells input
G - books
H - observing farmers in other villages **(**Name of other village **oth2**_____)
I - television program
J - commercial advertisement
K - other (specify: **oth3**:_____)

OCA13 When there is not enough water, what is the latest possible month that you can plant the major crop ? **(Write down the month as a number, e.g, January is 1, December is 12, and so on.)**	**OCA13 Month** [ ]
OCA14 What percentage of households in this village used the labor of following types for agricultural activities in this village in a year when there are enough water for agriculture?	
OCA14A use only unpaid family labor	**OCA14A %** [ ]
OCA14B labor exchange among villagers	**OCA14B %** [ ]
OCA14C hire other villagers	**OCA14C %** [ ]
OCA14D hire workers from other villages	**OCA14D %** [ ]
OCA14E other (specify **oth**_____ **trans**_____**)**	**OCA14E %** [ ]

Refer to the answers to OCA3, OCA6, and/or OCA9, and please write down the crops/vegetables grown in the village in the table below. And for each crop grown in the village ask the following questions.

OCA15 What was the average yield in kilograms per rai of this crop/vegetable last year?

OCA16 What was the average price per kilogram of this crop/vegetable last year ?

(Do not ask OCA17 through OCA19 for the major crop. Instead fill in XX for the major crop.)

OCA17 Did the villagers start growing this crops/vegetables in last 20 years ?
(1 - yes, 3 - no)

(If yes, continue. Otherwise, skip to OCA20.)

OCA18 When did villagers start growing this crop/vegetable ?

OCA19 Where did the villagers get the idea of start growing this crop/vegetable ?

(Use codes for source of information. Record all that apply.)

Codes for Source of Information (OCA19)

A - none
B - agricultural extension office
C - CDD
D - other government office
(specify: **oth1** _____)
E - advice from non-government organization
F - advise from company who sells input
G - books
H - observing farmers in other villages
Name of other village
oth2:_____
I - television program
J - commercial advertisement
K - other (specify: **oth3**_____)

	Copy from OCA3/6/9. crops	**OCA15: yield (Kg)**	**OCA16: price (baht)**	**OCA17: in 20 yrs**	**OCA18: year**	**OCA19: idea**
Field Crops						
A						[ ] oth1_____ trans_____ oth2_____ trans_____ oth3_____ trans_____
B						[ ] oth1_____ trans_____ oth2_____ trans_____ oth3_____ trans_____
C						[ ] oth1_____ trans_____ oth2_____ trans_____ oth3_____ trans_____
D						[ ] oth1_____ trans_____ oth2_____ trans_____ oth3_____ trans_____
Vegetables						
E						[ ] oth1_____ trans_____ oth2_____ trans_____ oth3_____ trans_____
F						[ ] oth1_____ trans_____ oth2_____ trans_____ oth3_____ trans_____
G						[ ] oth1_____ trans_____ oth2_____ trans_____ oth3_____ trans_____
Tree crops						
H						[ ] oth1_____ trans_____ oth2_____ trans_____ oth3_____ trans_____
I						[ ] oth1_____ trans_____ oth2_____ trans_____ oth3_____ trans_____

	Copy from OCA3/6/ 9. crops	OCA15: yield (Kg)	OCA16: price (baht)	OCA17: in 20 yrs	OCA18: year	OCA19: idea
Shrimp/Fish Farming						
J						[ ] oth1_____ trans_____ oth2_____ trans_____ oth3_____ trans_____
K						[ ] oth1_____ trans_____ oth2_____ trans_____ oth3_____ trans_____
L						[ ] oth1_____ trans_____ oth2_____ trans_____ oth3_____ trans_____

OCA20 Marketing of the Major Crop	
OCA20A How do most of the villagers sell the major crop ? **(Use the codes for marketing.)** **(If the answer is 5, continue. Otherwise, skip to OCA20C.)**	**OCA20A** **[ ]**
OCA20B Where is the store/ institution/ processor/ trader to whom most of the villagers sell the major crop? **(Use codes for location.)** **oth1_____ trans_____** **oth2_____ trans_____** **oth3_____ trans_____** **oth4_____ trans_____**	**OCA20B** **[ ]**
OCA20C What store/ institution/ processor/ trader do most villagers sell the major crop to ? **(Use the codes for market institutions.)** **oth1_____ trans_____** **oth2_____ trans_____**	**OCA20C** **[ ]**
OCA20D When did most of the villagers start selling the major crop as described in **OCA20A** to **OCA20C** ? **(If OCA20D is earlier than 2489, skip to OCA21. Otherwise, continue.)**	**OCA20D** **Year** **[ ]**

Codes for Marketing (OCA20A)

1 - crop stays in the village (It's processed/resold and used in the village.)
3 - crop is sold in the village but taken out of the village (Farmers do not transport it.)
5 - farmers transport the crop out of the village to sell

Codes for Location (OCA20B)
1 - in the same village
3 - not in the same village, in the same amphoe: **oth1:** village_____
7 - not in the same amphoe, in the same changwat: **oth2:** amphoe_____
9 - not in the same changwat and not in Bangkok: **oth3:** changwat_____
11 - in Bangkok
13 - other (specify) **oth4**_____

Codes for Market Institution (OCA20C)
1 - small processor (e.g. local rice miller)
3 - large processor (e.g., CP)
5 - store
7 - itinerant merchant/trader
9 - rice bank
11- PCG/marketing demonstration center
13 - BAAC
15 - Agricultural cooperative
17 - village development center
19 - other institution (specify **oth1** _____)
21 - individual shoppers in he market
23 - other (Specify **oth2**_____)

OCA20E Before (the year answered in OCA20D), how did most of the villagers sell the major crop ? **(Use the codes for marketing.)** **(If the answer is 5, continue. Otherwise, skip to OCA20G.)**	**OCA20E** **[ ]**
OCA20F Where is the store/ institution/ processor/ trader to whom most of the villagers sell the major crop? **(Use codes for location.)** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____ **oth4**_____ **trans**_____	**OCA20F** **[ ]**
OCA20G What store/ institution/ processor/ trader do most villagers sell the major crop to ? **(Use the codes for market institutions.)** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____	**OCA20C** **[ ]**

Codes for Marketing (OCA20E)
1 - crop stays in the village (It's processed/resold and used in the village.)
3 - crop is sold in the village but taken out of the village (Farmers do not transport it.)
5 - villagers transport the crop put of the village to sell

Codes for Location (OCA20F)
1 - in the same village
3 - not in the same village, in the same amphoe: **oth1:** where_____
7 - not in the same amphoe, in the same changwat: **oth2:** where_____
9 - not in the same changwat and not in Bangkok: **oth3:** where_____
11 - in Bangkok
13 - other (specify) **oth4**_____

Codes for Market Institution (OCA20G)

1 - small processor (e.g. local rice miller)
3 - large processor (e.g., CP)
5 - store
7 - merchant/trader
9 - rice bank
11- PCG/marketing demonstration center
13 - BAAC
15 - Agricultural cooperative
17 - village development center
19 - other institution
(specify **oth1** _____)
21 - individual shoppers in he market
23 - other
(Specify **oth2**_____)

OCA21 Marketing of Chemical Fertilizers	
OCA21A What store/ institution/ processor/ trader do most villagers buy chemical fertilizers from ? **(Use the codes for market institutions.)** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____	**OCA21A** **[ ]**
OCA21B Where is the store/ institution/ processor/ trader from whom most of the villagers buy chemical fertilizers from ? **(Use codes for location.)** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____ **oth4**_____ **trans**_____	**OCA21B** **[ ]**
OCA21C When did most of the villagers start buying chemical fertilizers as described in **OCA21A** to **OCA21B** ? **(If OCA21C is earlier than 2519, skip to OCA22. Otherwise, continue.)**	**OCA21C** **Year** **[ ]**

OCA21D What store/ institution/ processor/ trader did most villagers buy chemical fertilizers from in the past ? **(Use the codes for market institutions.)** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____	**OCA21D** **[ ]**
OCA21E Where is the store/ institution/ processor/ trader from whom most of the villagers used to buy chemical fertilizers ? **(Use codes for location.)** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____ **oth4**_____ **trans**_____	**OCA21E** **[ ]**

Codes for Market Institution (OCA21A, OCA21D)

1 - small processor (e.g. local rice miller)
3 - large processor (e.g., CP)
5 - store
7 - itinerant merchant/trader
9 - rice bank
11- PCG/marketing demonstration center
13 - BAAC
15 - Agricultural cooperative
17 - village development center
19 - other institution (specify **oth1** _____)
21 - individual shoppers in he market
13 - other (Specify **oth2**_____)

Codes for Location (OCA21B, OCA21E)

1 - in the same village
3 - not in the same village, in the same amphoe: **oth1:** where_____
5 - not in the same amphoe, in the same changwat: **oth2:** where_____
7 - not in the same changwat and not in Bangkok: **oth3:** where_____
9 - in Bangkok
11 - other (specify) **oth4**_____

OCA22 Cooperation

In the following, I would like to ask how the villagers cooperate in agricultural activities.

OCA22 Cooperation			
	1. getting inputs	2.production	3.selling/ transporting outputs
OCA22A Do farmers in this village cooperate in the following agricultural activities? (1 - yes, 3 - no) **(If yes, continue. If no, go to OCA22D.)**	**[ ]**	**[ ]**	**[ ]**
OCA22B Please list all of the organizations that are involved in this cooperation **(Use codes for institution. See Coding Sheet in Appendix. Record all that apply.)**	**[ ]**	**[ ]**	**[ ]**
OCA22C When did farmers in this village start cooperating in this way? **(Skip to OCA23.)**	**Year [ ]**	**Year [ ]**	**Year [ ]**
OCA22D Have farmers in this village ever cooperated in ___? (1 - yes, 3 - no)	**[ ]**	**[ ]**	**[ ]**
OCA22E When did they stop?	**Year [ ]**	**Year [ ]**	**Year [ ]**

OCA23 Joint Storage Facility	
OCA23A Does this village have any public storage facilities ? (1 - yes, 3 - no) **(<u>If yes, continue. If no, go to OCA23F.</u>)**	**OCA23A** **[ ]**
OCA23B When were the joint storage facilities first established?	**OCA23B** **Year** **[ ]**
OCA23C How was it financed ? **(<u>Use codes for group finance. Record all that apply.</u>)** **other_____ trans_____**	**OCA23C** **[ ]**
OCA23D How many households are using this storage facility ?	**OCA23D** **[ ]**
OCA23E What institutions/organizations are involved in the public storage facility ? **(<u>Use codes for institutions. See Coding Sheet in Appendix. Record all that apply.</u>)** **(<u>Skip to OCA24.</u>)** **other_____** **trans_____**	**OCA23E** **[ ]**
OCA23F Has this village ever had any public storage facilities? (1 - yes, 3 - no)	**OCA23F** **[ ]**
OCA23G When did this joint storage facility cease operation?	**OCA23G** **Year** **[ ]**

Codes for Group Finance (OCA23C)

A - villagers pooled money together
B - donation from villagers
C - individual villagers paid for themselves
D - funds provided by form PCG
F - fund provided by from rice bank
G - funds borrowed from commercial bank
H - funds borrowed from BAAC
J - government's subsidy
I - other (specify_____**)**

OCA24 Stop Time	**OCA24** [ ]

B. Non-Agricultural Wage Labor

OCB0 Start Time	**OCB0** [ ]

OCB1 How many people from this village are involved in **regular, full-time** (i.e. all 12 months) non-agricultural wage labor in the following types of jobs ?
(<u>If there is no full time worker for this type of job, skip to the next type of job.</u>)

A factory worker
B construction worker
C clerical worker
D mechanic

OCB2 Where is the workplace of this type of job located ?
(<u>Use codes for location.</u>)

OCB3 When did the people from this village start having this type of **regular full-time** jobs ?

OCB4 What is the average/highest/lowest **daily** wage for this type of job ?

	OCB1 no. of people	**OCB2** where	**OCB3** year	**OCB4** wage baht/day	
A factory worker	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____ **oth4**_____ **trans**_____	**[ ]**	Ave. High Low	**[ ]** **[ ]** **[ ]**
B construction worker	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____ **oth4**_____ **trans**_____	**[ ]**	Ave. High Low	**[ ]** **[ ]** **[ ]**
C clerical worker	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____ **oth4**_____ **trans**_____	**[ ]**	Ave. High Low	**[ ]** **[ ]** **[ ]**
D mechanic	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____ **oth4**_____ **trans**_____	**[ ]**	Ave. High Low	**[ ]** **[ ]** **[ ]**

Codes for Location (OCB2)
1 - in the same village
3 - not in the same village, in the same amphoe: **oth1: _____**
5 - not in the same amphoe, in the same changwat: **oth2: _____**
7 - not in the same changwat and not in Bangkok: **oth3: _____**
9 - in Bangkok
11 - other (specify) **oth4**_____

OCB5 Last year, how many people from this village are involved in **only seasonal** (**not full time**) non-agricultural wage labor in the following type of jobs ?
(<u>If there is no seasonal worker for this type of job, skip to the next type of job.)</u>

OCB6 Where is the workplace of this type of job located ?
(<u>Use codes for location.</u>)

OCB7 When did the people from this village start having this type of **seasonal** jobs ?

OCB8 What months of the year do villagers work as this type of seasonal non-agricultural worker ? **(<u>Use codes for months. Record all that apply.</u>)**

OCB9 What is the average/highest/lowest **daily** wage for this type of job ?

	OCB5 no. of people	**OCB6** where	**OCB7** year	**OCB8** month	**OCB9** wage baht/day	
A factory worker	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____ **oth4**_____ **trans**_____	**[ ]**	**[ ]**	Ave. High Low	**[ ]** **[ ]** **[ ]**
B construc-tion worker	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____ **oth4**_____ **trans**_____	**[ ]**	**[ ]**	Ave. High Low	**[ ]** **[ ]** **[ ]**
C clerical worker	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____ **oth4**_____ **trans**_____	**[ ]**	**[ ]**	Ave. High Low	**[ ]** **[ ]** **[ ]**
D mechanic	**[ ]**	**[ ]** **oth1**_____ **trans**_____ **oth2**_____ **trans**_____ **oth3**_____ **trans**_____ **oth4**_____ **trans**_____	**[ ]**	**[ ]**	Ave. High Low	**[ ]** **[ ]** **[ ]**

Codes for Location (OCB6)
1 - in the same village
3 - not in the same village, in the same amphoe: **oth1:** _____
5 - not in the same amphoe, in the same changwat: **oth2:** _____
7 - not in the same changwat and not in Bangkok: **oth3:** _____
9 - in Bangkok
11 - other (specify: **oth4:** _____)

Codes for Months (OCB8)

A - January	D - April	G - July	J - October
B - February	E - May	H - August	K - November
C - March	F - June	I - September	L - December

OCB10 Is there anyone in this village who does piece work for a factory (e.g., wig-making, fan-making, pot making, sewing, and *etc.*) ? (1 - yes, 3 - no) **(If yes, continue. If no, skip to OCB15.)**	**OCB10** [ ]

OCB11A - D What items are produced by a piece work in this village ?

OCB12A - D How many people in this village produce this item by a piece work ?

OCB13A - D When did villagers start doing the piece-work of this item?

OCB14A - D Where are the factories located ?
(Use codes for location.)

	OCB11 products	**OCB12** no. of people	**OCB13** year	**OCB14** where
A	_____ trans_____ _____	**[ ]**	**[ ]**	**[ ]** **oth1**_____**trans**_____ **oth2**_____**trans**_____ **oth3**_____**trans**_____ **oth4**_____**trans**_____
B	_____ trans_____ _____	**[ ]**	**[ ]**	**[ ]** **oth1**_____**trans**_____ **oth2**_____**trans**_____ **oth3**_____**trans**_____ **oth4**_____**trans**_____
C	_____ trans_____ _____	**[ ]**	**[ ]**	**[ ]** **oth1**_____**trans**_____ **oth2**_____**trans**_____ **oth3**_____**trans**_____ **oth4**_____**trans**_____
D	_____ trans_____ _____	**[ ]**	**[ ]**	**[ ]** **oth1**_____**trans**_____ **oth2**_____**trans**_____ **oth3**_____**trans**_____ **oth4**_____**trans**_____

Codes for Location (OCB14)
1 - in the same village
3 - not in the same village, in the same amphoe: **oth1: _____**
5 - not in the same amphoe, in the same changwat: **oth2: _____**
7 - not in the same changwat and not in Bangkok: **oth3: _____**
9 - in Bangkok
11 - other (specify) **oth4**_____

OCB15 Stop Time	**OCB15** **[ ]**

C. Other Activities

OCC0 Start Time	**OCC0** **[ ]**

OCC1 How many people are there in the village who work in the following jobs? **(<u>If there is no one in the village that works in that job, skip to the next job. Otherwise, continue.</u>)**

OCC2 When did people in this village first start working in these jobs?

OCC3 Do any of them sell goods/services regularly on credit ?
(1 - yes, 3 - no)

Job	**OCC1** no. of people	**OCC2** year	**OCC3** credit sales
A Traders	**[ ]**	**[ ]**	**[ ]**
B Shopkeepers	**[ ]**	**[ ]**	**[ ]**
C Money lenders	**[ ]**	**[ ]**	**[NA]**
D Restaurant owner	**[ ]**	**[ ]**	**[ ]**
E Rice Miller	**[ ]**	**[ ]**	**[ ]**
F Mechanics/ Repair shops	**[ ]**	**[ ]**	**[ ]**
G Beauty shops/ Barbers	**[ ]**	**[ ]**	**[NA]**
H Silk Weaving	**[ ]**	**[ ]**	**[NA]**
I Other Craft work	**[ ]**	**[ ]**	**[NA]**
J Fisheries - fresh and marine	**[ ]**	**[ ]**	**[NA]**

OCC4 Are there any jobs that people in this village used to do in the past, but no longer do? (1 - yes, 3 - no) **(If yes, continue. If no, skip to OCC8)**	**OCC4** **[ ]**

OCC5A - D What jobs are they that existed in the past but do not any more ?
OCC6A - D When did people stop doing this job?
OCC7A - D Why did they stop doing this job?

	OCC5 former jobs	**OCC6** year	**OCC7** why
A	_____	**[ ]**	_____ _____ _____
B	_____	**[ ]**	_____ _____ _____
C	_____	**[ ]**	_____ _____ _____
D	_____	**[ ]**	_____ _____ _____

	OCC5 former jobs	**OCC7** why
A	_____	_____ _____ _____
B	_____	_____ _____ _____
C	_____	_____ _____ _____
D	_____	_____ _____ _____

OCC8 Is this village especially known for any products or services? (That is, do people/traders from the surrounding area come here to buy any special product or service?) (1 - yes, 3 - no) **(If yes, continue. If no, go to the next section.)**	**OCC8** **[ ]**

OCC9A - D What are the products and services that the village is especially known for? **(Please write the items in the first column)**

OCC10A - D When did people in this village begin to make this product or to provide this service?

OCC9 Product/Service	**OCC10** year
A_____	**[ ]**
B_____	**[ ]**
C_____	**[ ]**
D_____	**[ ]**

OCCA9 Product/Service
A_____
B_____
C_____
D_____

OCC11 Stop Time	**OCC11** **[ ]**

IX. Social Structure and Welfare

SS0 Start Time	**SS0** **[ ]**

SS1 Remittances	
SS1A Approximately how many households in this village receive remittances from parents, children or other relatives at least once every year ?	**SS1A** **[ ]**
SS1B Approximately how many households in this village send remittances to parents, children or other relatives at least once every year?	**SS1B** **[ ]**

Now I would like to ask you some general questions about customs in the village - currently and in the past.

SS2 Support of elderly people	
SS2A How many households are there in the village where an elderly person (more than 55 years old) is the head and no other members are earning income ? **(If there is no such elderly person, skip to SS3. Otherwise, continue.)**	**SS2A** **[ ]**
SS2B Please tell me about all of the sources of help these households have received over the past year for living expenses or help when they were sick **(Use codes for help for the elderly. Record all that apply.)** **other**_____ **trans**_____	**SS2B** **[ ]**

Codes for Help for the Elderly (SS2B)

A - no help
B - other family in village
C - other family outside village
D - government subsidy
E - health card
F - village fund for the elderly
G - temple fund
H - neighbors (non-relative villagers)
I - other (specify: **other**_____)

SS3 Inheritance

	A House and House plot	**B** Land	**C** Other assets	**D** Debts
SS3A-D What is the typical way that parents currently transfer land and other assets to their children? (**This is about the actual convention, not the legal arrangement.**) **(Use codes for inheritance.)**	[ ] **oth**_____ _____ **trans**_____ _____	[ ] **oth**_____ _____ **trans**_____ _____	[ ] **oth**_____ _____ **trans**_____ _____	[ ] **oth**_____ _____ **trans**_____ _____

Codes for Inheritance (SS3)

1 - split between all children equally
3 - give to oldest daughter
5 - give to oldest son
7 - give to youngest daughter
9 - give to youngest son
11 - other (specify: **other**_____)

SS4 Savings for old age

SS4A Do you think people today save (1 - more, 3 - about the same, 5 - less) for old age than in the past? **(If the answer for SS4A is 1 or 5, continue. Otherwise, skip to SS5.)**	**SS4A** **[ ]**
SS4B When did people start save more/ less for the old age?	**SS4B Year** **[ ]**
SS4C Why do you think people's savings patterns have changed? _____ _____ _____ _____ _____ _____ _____ _____	**SS4C** **[XXXXXXX]**
SS4C [Translation] _____ _____ _____ _____ _____ _____ _____ _____	

SS5 Resolution of Conflicts

SS5A Is there a village committee for resolution of conflicts among villagers ? (1 - yes, 3 - no) **(If yes, continue. If no, skip to SS5C.)**	**SS5A** **[ ]**

	1. Conflicts between married couples/divorce	**2.** Conflicts over repayment of loans from individuals	**3.** Conflicts over repayment of loans from institutions	**4.** Disputes over land boundaries
SS5B Since you became the village headman, how many times has the village committee tried to help resolve the conflict of this type ? **(Skip to SS6.)**	**[ ]**	**[ ]**	**[ ]**	**[ ]**
SS5C Since you became the village headman, how many times have you tried to help resolve the conflict of this type ?	**[ ]**	**[ ]**	**[ ]**	**[ ]**

SS6-7 Socio-economic cooperation

SS6A Could you please tell me about how villagers typically help when someone in the village builds a house? **(Use codes for help for house construction. Record all that apply.)** **other**_____ **trans**_____	**SS6A** **[ ]**
SS6B In last 20 years, was there a change in the way that villagers help when someone in the village built a house ? (1 - yes, 3 - no) **(If yes continue. If no, go to SS7.)**	**SS6B** **[ ]**
SS6C 20 years ago, how did villagers help when someone in the village built a house? **(Use codes for help for house construction. Record all that apply.)** **other**_____ **trans**_____	**SS6C** **[ ]**
SS6D When did the way of helping change?	**SS6D Year** **[ ]**

Codes for help for house construction (SS6A, SS6C)

A - no help
B - provide free labor - for relatives
C - provide free labor - for non-relatives
D - provide labor in exchange for food
E - provide labor for pay
F - provide free materials
G - provide cash
H - other (specify: **other**_____)

Now we would like to know about the changes in the villagers' attitudes towards cooperation

SS7 Compared to 20 years ago, do you think villagers today are more likely or less likely to do the following ? (1 - more likely, 3 - about the same, 5 - less likely)	
SS7A lend money/rice without interest to relatives in the village	**SS7A** **[ ]**
SS7B lend money/rice without interest to non-relatives in the village	**SS7B** **[ ]**
SS7C help other villagers with money/rice in an emergency or sickness	**SS7C** **[ ]**
SS7D help other villagers with money/food when there is a monks ceremony, a funeral or a wedding	**SS7D** **[ ]**
SS7E help other villagers with free labor when there is a monks ceremony, a funeral or a wedding	**SS7E** **[ ]**
SS7F help other villagers by sharing equipment/buffalo	**SS7F** **[ ]**
SS7G help other villagers by providing free labor	**SS7G** **[ ]**
SS7H give money to the temple	**SS7H** **[ ]**

SS8 Stop Time	**SS8** **[ ]**

X. Village Leadership

VL0 Start Time	**VL0** **[ ]**

Now I would like to ask you some questions about your job as village headman and also a few questions about the people who were the headman before you.

	A Current Headman	B Previous Headman	C Prior Headman
VL1 What is his/her name ?	**NA**	**_____** trans_____	**_____** trans_____
VL2 How long did he/she serve ?	**Years** **[ ]**	**Years** [ ]	**Years** [ ]
VL3 How was he/she elected? **(Use codes for election.)**	**[ ]**	[ ]	[ ]
VL4 What was his/her occupation ? **(Use codes for occupation. See Coding Sheet in Appendix. Record all that apply.)**	**NA**	[ ] **oth_____** **trans_____**	[ ] **oth_____** **trans_____**
VL5 How much land did he/she own?	**NA**	**rai** [ ]	**rai** [ ]
VL6 What is the highest grade of school he/she completed? **(Use codes for schooling. See Coding Sheet in Appendix.)**	**NA**	[ ]	[ ]
VL7 Is/Was he/she related to the headman before him/her ? (1 - yes, 3 - no)	**[ ]**	[ ]	[ ]

Codes for Elections (VL3)
1 - for life, by public vote
3 - until the age of 60, by public vote
5 - for a fixed term (5 or 6 years), by private vote

	A Current Headman	B Previous Headman	C Prior Headman
VL8 What are the major achievements of his/hers?	_____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____
VL8 Translation	_____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____
VL9 What are the major problems confronting you ?	_____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____
VL9 Translation	_____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____
VL10 What would you like to achieve in the future ?	_____ _____ _____ _____ _____ _____	**NA**	**NA**
VL10 Translation	_____ _____ _____ _____ _____ _____	**NA**	**NA**

VL11 Stop Time	**VL11** **[ ]**

XI. Income/Welfare Fluctuations

IF0 Start Time	**IF0** **[ ]**

Now I would like to ask you some questions about changes in the village's welfare.

IF1 Best Year of Last Five Years	
IF1A What is the best year of the last five years for the village welfare ? 1 - last year (4/96 - 3/97), 3 - two years ago (4/95 - 3/96), 5 - three years ago (4/94 - 3/95) 7 - four years ago (4/93 - 3/94), 9 - five years ago (4/92 - 3/93)	**IF1A** **[ ]**
IF1B Why was this the best year? (**Use codes for good year. Record all that apply.**) **other**_____ **trans**_____	**IF1B** **[ ]**
IF1C How many households in the village experienced higher income in that year?	**IF1C** **[ ]**
IF2 Best Year Ever	
IF2A What is the best year you can remember for village welfare? **(If it is the same as the best of last five years, skip to IF3. Otherwise, continue.)**	**IF2A Year** **[ ]**
IF2B Why was this the best year? (**Use codes for good year. Record all that apply.**) **other**_____ **trans**_____	**IF2B** **[ ]**
IF2C How many households in the village experienced higher income in that year?	**IF2C** **[ ]**

Codes for Good/Bad Year (IF1B, IF2B)

A - flood
B- not enough rainfall
C- pests destroy crop
D- crop yield low for some other reason
E- fire destroys house and or equipment
F - low price for output
G - high input prices
H - education expenses are higher
I - need extra money for ceremony
J - income lower because of retirement
K - high investment costs
L - high expenses because of illness
M - building expenses are higher
N - death in family
O - worked fewer days in current occupation
P - bad year for household business
Q - lost money from gambling
R - unable to repay debts
S - lower educational expenses
T - lower expenses for some other reason
U - children finish school and go to work
V - children send money home
W - get a better main job
X - have an additional occupation
Y - grow a new crop
Z - high price for output
AA - good weather for farming
AB - high crop yield for another reason
AC - able to borrow
AD - high land prices
AE - worked more days in current occupation
AF - high demand for product
AG - won lottery
AH - other (specify: **other_____)**

IF3 Worst Year of Last Five Years	
IF3A What is the worst year of the last five years for the village welfare? 1 - last year (4/96 - 3/97), 3 - two years ago (4/95 - 3/96), 5 - three years ago (4/94 - 3/95) 7 - four years ago (4/93 - 3/94), 9 - five years ago (4/92 - 3/93)	**IF3A** **[ ]**
IF3B Why was this the worst year? (**Use codes for bad year. Record all that apply.**) **other_____ trans_____**	**IF3B** **[ ]**
IF3C How many households in the village experienced lower income in that year?	**IF3C** **[ ]**
IF4 Worst Year Ever	
IF4A What is the worst year you can remember for village welfare? **(If it is the same as the worst of last five years, skip to IF5. Otherwise, continue.)**	**IF4A** **Year** **[ ]**
IF4B Why was this the worst year? (**Use codes for bad year. Record all that apply.**) **other_____ trans_____**	**IF4B** **[ ]**
IF4C How many households in the village experienced lower income in that year?	**IF4C** **[ ]**

Codes for Good/Bad Year (IF3B, IF4B)

A - flood
B- not enough rainfall
C- pests destroy crop
D- crop yield low for some other reason
E- fire destroys house and or equipment
F - low price for output
G - high input prices
H - education expenses are higher
I - need extra money for ceremony
J - income lower because of retirement
K - high investment costs
L - high expenses because of illness
M - building expenses are higher
N - death in family
O - worked fewer days in current occupation
P - bad year for household business
Q - lost money from gambling
R - unable to repay debts
S - lower educational expenses
T - lower expenses for some other reason
U - children finish school and go to work
V - children send money home
W - get a better main job
X - have an additional occupation
Y - grow a new crop
Z - high price for output
AA - good weather for farming
AB - high crop yield for another reason
AC - able to borrow
AD - high land prices
AE - worked more days in current occupation
AF - high demand for product
AG - won lottery
AH - other (specify: **other_____)**

IF5 In last 20 years, how many people in the village who used to be poor and have become rich by the villages standards?	**IF5** **[ ]**
IF6 In last 20 years, how many people in the village who used to be rich and have become poor by the villages standards?	**IF6** **[ ]**

IF7 Stop Time	**IF7** **[ ]**

XII. Ranking of Villages in the Tambon

NE0 Start Time	**NE0** **[ ]**

NE1 Now I would like to get your opinion about how your village compares to others in the tambon. I would like you to compare your village to three others. They are:
(say the name (and numbers) of the other villages in the tambon that we will interview. Team Leader should write in the names and the numbers of the four villages sampled from the tambon. The village number assignments (1 - 4, below) should be the same for every household in the tambon)

	Village Name	**Village Number**
1		
2		
3		
4		

NE2A In your opinion, which village of the four villages mentioned above is the best in terms of ____ (ask about each category listed in the table below). Record the number (**moo baan number**) of the best village in the table below.

NE2B In your opinion, which village of the four villages mentioned above is the worst in terms of ____ (ask about each category listed in the table below). Record the number (**moo baan number**) of the worst village in the table below.

	NE2A Best Village	**NE2B** Worst Village
A. Availability and quality of Institutions		
B. Cooperation among Villagers		
C. Natural resources (water, fertility of soil)		
D. Village Leadership		
E. Standard of Living		

NE3 Do you have any additional comments or observations? _____ _____ _____ _____	**NE3** **[xxxx]**

NE3_____
_____
_____
__

NE4 Interviewer Comments _____ _____ _____ _____	**NE4** **[xxxx]**

NE4_____
_____
_____
__

NE5 Stop Time	**NE5** **[ ]**

APPENDIX

Frequently Used Codes

Codes for Schooling: VH8, TC4F, TC5C2, TC6C2, OCA12D2, VL6

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

Codes for Occupation: VH9, VH9A, VH13, LO5A, LO6A, VL4

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 (Thai says store owner)
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 (in Thai can only be male)
59 - other (specify)

Codes for Institution: IOE1, TC4I, TC5C5, TC6C5, LQS1F, LQS6, OCA22B, OCA23E

A - Rice Bank
B - Buffalo Bank
C - Savings Assoc. (PCG)
D - BAAC
E - Agr. Coop
F - Gov't Savings Bank
G - Commercial Banks
H - Insurance Co.
I - Finance Co.
J - Emergency Fund
K - Health Fund
L - Funeral Fund
M - Fund for the Elderly
N - Fund for the Poor
O - Temple Fund for the Poor
P - Women's Group
Q - Household Wife's Group
R - Labor Exchange Group
S - Livestock Fund
T - Farmer's Group
U - Crop Group 1 (specify)
V - Crop Group 2 (specify)
W - Crop Group 3 (specify)
X - Handicraft Group
Y - Children's Lunch Group
Z - Group to Honor the King
AA - Youth Group
AB - Medicine Group
AC - Health Volunteer
AD - Marketing Demonstration Center
AE - ROSCA
AF - other (specify)
AG - other (specify)
AH - other (specify)