

**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)**

<b>CVR1A</b> Changwat	<b>CVR1A</b> [      ]
<b>CVR1B</b> Amphoe	<b>CVR1B</b> [      ]
<b>CVR1C</b> Tambon	<b>CVR1C</b> [      ]
<b>CVR1D</b> Village #	<b>CVR1D</b> [      ]
<b>CVR1F</b> Team Number	<b>CVR1F</b> [      ]

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

<b>CVR2A</b> Enumerator	<b>CVR2B</b> Visit #	<b>CVR2C</b> Start Time	<b>CVR2D</b> End Time	<b>CVR2E</b> Day/Month	<b>CVR2F</b> 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)

<b>CVR3A</b> Editor	<b>CVR3B</b> Edit #	<b>CVR3C</b> Start Time	<b>CVR3D</b> End Time	<b>CVR3E</b> Day/Month	<b>CVR3F</b> Results	<b>CVR3G</b> 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)**

<b>CVR1</b> CDD ID Number of the Village	<b>CVR1</b> [            ]
<b>CVR2</b> Name of Supervisor _____ <b>translation</b> _____	<b>CVR2</b> [XXXXXXXX]
<b>CVR3</b> Team Number	<b>CVR3</b> [            ]

**(Visit Information: Enumerator records.)**

<b>CVR4A</b> Visit Number	<b>CVR4B</b> Enumerator	<b>CVR4C</b> Start Time	<b>CVR4D</b> End Time	<b>CVR4E</b> Day/Month	<b>CVR4F</b> Visit Results
<b>1.</b>	_____ <b>trans</b> _____	[            ]	[            ]	[            ]	[            ] <b>other</b> _____ <b>trans</b> _____
<b>2.</b>	_____ <b>trans</b> _____	[            ]	[            ]	[            ]	[            ] <b>other</b> _____ <b>trans</b> _____
<b>3.</b>	_____ <b>trans</b> _____	[            ]	[            ]	[            ]	[            ] <b>other</b> _____ <b>trans</b> _____
<b>4.</b>	_____ <b>trans</b> _____	[            ]	[            ]	[            ]	[            ] <b>other</b> _____ <b>trans</b> _____

**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.)**

<b>CVR5A</b> Edit Number	<b>CVR5B</b> Editor	<b>CVR5C</b> Start Time	<b>CVR5D</b> End Time	<b>CVR5E</b> Day/Month	<b>CVR5F</b> Results	<b>CVR5G</b> 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**

<b>VH0</b> Start Time	<b>VH0</b> [            ]
-----------------------	------------------------------

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.

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

<b>VH6</b> What titles do you currently hold? ( <b><u>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"</u></b> ) VH6oth: _____ <b>translation</b> _____	<b>VH6</b> [            ]
<b>VH6A</b> Which titles have you held previously (but do not currently hold)? ( <b><u>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"</u></b> ) VH6Aoth: _____ <b>translation</b> _____	<b>VH6A</b> [            ]

**Codes for Title (VH6, VH6A)**

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

<b>VH7</b> How many years have you lived in this village?	<b>VH7</b> Years [       ]																																				
<b>VH8</b> What is the highest grade of school that you have completed ? <b>(Use the codes for schooling.)</b>	<b>VH8</b> [       ]																																				
<table border="0"> <tr> <td><b>Codes for Schooling</b></td> <td>23 - M or MS 4</td> <td>47 - Univ. 1</td> </tr> <tr> <td>1 - no school</td> <td>25 - M or MS 5</td> <td>49 - Univ. 2</td> </tr> <tr> <td>3 - P.1</td> <td>27 - M or MS 6</td> <td>51 - Univ. 3</td> </tr> <tr> <td>5 - P.2</td> <td>29 - M or MS 7</td> <td>53 - Univ. 4</td> </tr> <tr> <td>7 - P.3</td> <td>31 - M or MS 8</td> <td>55 - other</td> </tr> <tr> <td>9 - P.4</td> <td>33 - PWC 1</td> <td></td> </tr> <tr> <td>11 - P. 5</td> <td>35 - PWC 2</td> <td></td> </tr> <tr> <td>13 - P. 6</td> <td>37 - PWC 3</td> <td></td> </tr> <tr> <td>15 - P. 7</td> <td>39 - PWS 1</td> <td></td> </tr> <tr> <td>17 - M or MS 1</td> <td>41 - PWS 2</td> <td></td> </tr> <tr> <td>19 - M or MS 2</td> <td>43 - PWT 1</td> <td></td> </tr> <tr> <td>21 - M or MS 3</td> <td>45 - PWT 2</td> <td></td> </tr> </table>		<b>Codes for Schooling</b>	23 - M or MS 4	47 - Univ. 1	1 - no school	25 - M or MS 5	49 - Univ. 2	3 - P.1	27 - M or MS 6	51 - Univ. 3	5 - P.2	29 - M or MS 7	53 - Univ. 4	7 - P.3	31 - M or MS 8	55 - other	9 - P.4	33 - PWC 1		11 - P. 5	35 - PWC 2		13 - P. 6	37 - PWC 3		15 - P. 7	39 - PWS 1		17 - M or MS 1	41 - PWS 2		19 - M or MS 2	43 - PWT 1		21 - M or MS 3	45 - PWT 2	
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11 - P. 5	35 - PWC 2																																				
13 - P. 6	37 - PWC 3																																				
15 - P. 7	39 - PWS 1																																				
17 - M or MS 1	41 - PWS 2																																				
19 - M or MS 2	43 - PWT 1																																				
21 - M or MS 3	45 - PWT 2																																				
<b>VH8A</b> What system of grades was in place when you went to school ? (1 - old system, 3 - new system, 5 - temple)	<b>VH8A</b> [       ]																																				
<b>VH9</b> From which occupation did you earn most of your income over last 12 months? <b>(Use codes for occupation.)</b> <b>(If the headman is inactive or retired, continue. Otherwise, skip to VH10.)</b> oth1: _____ (trans) _____ oth2: _____ (trans) _____ oth3: _____ (trans) _____	<b>VH9</b> [       ]																																				
<b>VH9A</b> When you were active, from which occupation did you earn most of your income in a typical year? <b>(Use codes for occupation.)</b> oth1: _____ (trans) _____ oth2: _____ (trans) _____ oth3: _____ (trans) _____	<b>VH9A</b> [       ]																																				
<b>VH10</b> In your main job, what type of worker are (were) you ? <b>(Use codes for type of worker.)</b>	<b>VH10</b> [       ]																																				

**Codes for Occupation (VH9, VH9A)**

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

**Codes for Type of Worker (VH10)**

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

<b>VH11</b> How much land do you and your spouse own?	<b>VH11 Rai</b> [            ]
<b>VH12</b> How much land did you and your spouse inherit?	<b>VH12 Rai</b> [            ]
<b>VH13</b> From what occupation do/did your parents earn most of their income ? ( <b>Use codes for occupation. See Coding Sheet in Appendix.</b> ) <b>VH13oth1:</b> _____ <b>trans</b> _____ <b>VH13oth2:</b> _____ <b>trans</b> _____ <b>VH13oth3:</b> _____ <b>trans</b> _____	<b>VH13</b> [            ]
<b>VH14</b> What titles/memberships did/does your father hold? ( <b>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"</b> ) <b>VH14oth:</b> _____ <b>trans</b> _____	<b>VH14</b> [            ]

<p><b>VH15</b> What titles/memberships did/does your mother hold? (<u>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"</u>)                  VH15oth: _____ trans _____</p>	<p><b>VH15</b> [            ]</p>
<p><b>VH16</b> How many households in this village are related to you or your spouse?</p>	<p><b>VH16</b> [            ]</p>

**Codes for Title (VH14, VH15)**

- |                                   |  |
|-----------------------------------|--|
| A - no title                      | M - member of BAAC group               |
| B - headman                       | N - member of agricultural cooperative |
| C - headman's helper              | O - head of housewife's group          |
| D - head of tambon                | P - member of housewife's group        |
| E - head of tambon's helper       | Q - head of women's group              |
| F - head of tambon council        | R - member of women's group            |
| G - member of tambon council      | S - rice miller                        |
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| I - member of rice bank committee | U - money lender                       |
| J - head of PCG committee         | V - teacher                            |
| K - member of PCG committee       | W - other (specify: other _____)       |
| L - head of BAAC group            |  |

<p><b>VH17</b> Stop Time</p>	<p><b>VH17</b> [            ]</p>
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### 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.)**

<b>SP0</b> Start Time	<b>SP0</b> [            ]
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I would like to begin by asking you some questions about the founding of this village and changes in its population since its founding.

<b>SP1</b> When was this village first settled?	<b>SP1 Year</b> [            ]
<b>SP2</b> Where did the first settlers come from? _____ _____ _____	<b>SP2</b> [XXXXXXXX]

<b>SP2 translation</b> _____ _____ _____
---

<b>SP3</b> How many households are there in the village today?	<b>SP3</b> [            ]
<b>SP4</b> What is the population of the village today ?	<b>SP4</b> [            ]

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

<b>SP6</b> Have there been periods when three or more households moved into the village since it was founded? (1 - yes, 3 - no) <b>If yes, continue. If no, skip to SP7.</b>	<b>SP6</b> [            ]
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**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 tambon (specify the name of village)
- 3 - other tambon in the same amphoe (specify the name of tambon)
- 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)

<b>SP7</b> Have there been periods since the village's founding when three or more households moved out of the village? (1 - yes, 3 - no) <b>(If yes, continue. If no, go to SP8.)</b>	<b>SP7</b> [            ]
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**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 tambon (specify the name of village)
- 3 - other tambon in the same amphoe (specify the name of tambon)
- 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)

<p><b>SP8</b> Has this village ever been officially split into two or more villages?                  (1 - yes, 3 - no.)                  (If yes, continue. If no, skip to SP9)</p>	<p><b>SP8</b>                  [            ]</p>
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**(Please fill out the following table in a chronological order. )**

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

	<b>SP8B name of the other village</b>	<b>SP8D remarkable changes</b>
<b>1</b>		
<b>2</b>		
<b>3</b>		
<b>4</b>		
<b>5</b>		

<p><b>SP9</b> Has this village had the same village number from 1986 until now?                  (1 - yes, 3 - no)  <b>(If yes, skip to SP10. If no, continue.)</b></p>	<p><b>SP9</b>                  [            ]</p>
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<p><b>Please record the village number for each of the following years:</b></p>	
<p><b>SP9A</b> 1986 (i.e. Thai Calendar Year 2529)</p>	<p><b>SP9A</b>                  [            ]</p>
<p><b>SP9B</b> 1988 (i.e. Thai Calendar Year 2531)</p>	<p><b>SP9B</b>                  [            ]</p>
<p><b>SP9C</b> 1990 (i.e. Thai Calendar Year 2533)</p>	<p><b>SP9C</b>                  [            ]</p>
<p><b>SP9D</b> 1992 (i.e. Thai Calendar Year 2535)</p>	<p><b>SP9D</b>                  [            ]</p>
<p><b>SP9E</b> 1994 (i.e. Thai Calendar Year 2537)</p>	<p><b>SP9E</b>                  [            ]</p>
<p><b>SP9F</b> 1996 (i.e. Thai Calendar Year 2539)</p>	<p><b>SP9F</b>                  [            ]</p>

<p><b>SP10</b> Stop Time</p>	<p><b>SP10</b>                  [            ]</p>
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**IV. Institutions and Organizations**

**A. BAAC/Agricultural Cooperative Groups in the Village**

<b>IOA0</b> Start Time	<b>IOA0</b> [            ]
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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.

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

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

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

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

<b>IOA15</b> Stop Time	<b>IOA15</b> [     ]
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**B. Institutions and Organizations**

<b>IOB0</b> Start Time	<b>IOB0</b> [            ]
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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

7 - not in amphoe, in Changwat

3 - not in village, in tambon

9 - in another Changwat

5 - not in tambon, in amphoe

**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)

<b>Institution</b>	<b>I0B1 ever</b>	<b>I0B2 year started</b>	<b>I0B3 where</b>	<b>I0B4 active</b>	<b>I0B5 year stopped</b>	<b>I0B6 membe outside village</b>	<b>I0B7 savings</b>	<b>I0B8 loans</b>	<b>I0B9 records</b>
<b>A</b> Rice Bank									
<b>B</b> Buffalo Bank									
<b>C</b> Savings Assoc. (PCG)									
<b>D</b> BAAC						NA			NA
<b>E</b> Agr. Coop						NA			NA
<b>F</b> Gov't Savings Bank						NA			NA
<b>G</b> Commercial Banks						NA			NA
<b>H</b> Insurance Co.						NA			NA
<b>I</b> Finance Co.						NA			NA
<b>J</b> Emergency Fund									
<b>K</b> Health Fund									
<b>L</b> Funeral Fund									
<b>M</b> Fund for the Elderly									
<b>N</b> Fund for the Poor									
<b>O</b> Temple Fund for the Poor									
<b>P</b> Women's Group									
<b>Q</b> Housewife's Group									
<b>R</b> Labor Exchange Group									
<b>S</b> Livestock Fund									
<b>T</b> Farmer's Group									

**The table continues in the following page.**

The table is continued from the previous page.

Institution	I0B1 ever	I0B2 year started	I0B3 where	I0B4 active	I0B5 year stopped	I0B6 membe outside village	I0B7 savings	I0B8 loans	I0B9 records
<b>Crop Group(s): Specify crops</b>									
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									
<b>Other Organizations: Specify</b>									
AF _____ trans _____									
AG _____ tran _____									
AH _____ trans _____									

<b>I0B10</b> Stop Time	<b>I0B10</b> [       ]
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**C. Names of Active Commercial Organizations**

<b>IOC0</b> Start Time	<b>IOC0</b> [            ]
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**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.)**

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

<b>IOC2</b> Stop Time	<b>IOC2</b> [            ]
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**D. Financial Institutions**

<b>IOD0</b> Start Time	<b>IOD0</b> [       ]
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**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 )

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

<b>IOD8</b> Stop Time	<b>IOD8</b> [ ]
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**E. Formerly Active Institutions**

<b>IOE0</b> Start Time	<b>IOE0</b> [            ]
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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 (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.)**

**Codes for Institution (IOE1)**

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

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

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

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

<b>IOE2 why stopped (translation)</b>	
<b>A</b>	_____
<b>B</b>	_____
<b>C</b>	_____
<b>D</b>	_____
<b>E</b>	_____

<b>IOE4</b> Stop Time	<b>IOE4</b> [            ]
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**F. Wish List**

<b>IOF0</b> Start Time	<b>IOF0</b> [            ]
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**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?

	<b>IOF1</b> Institutions	<b>IOF2</b> why	<b>IOF3</b> barriers
<b>A</b>	_____	_____ _____ _____	_____ _____ _____
<b>B</b>	_____	_____ _____ _____	_____ _____ _____
<b>C</b>	_____	_____ _____ _____	_____ _____ _____
<b>D</b>	_____	_____ _____ _____	_____ _____ _____
<b>E</b>	_____	_____ _____ _____	_____ _____ _____

**(Translation)**

	<b>IOF1</b> Institutions	<b>IOF2</b> why	<b>IOF3</b> barriers
<b>A</b>	_____	_____ _____ _____	_____ _____ _____
<b>B</b>	_____	_____ _____ _____	_____ _____ _____
<b>C</b>	_____	_____ _____ _____	_____ _____ _____
<b>D</b>	_____	_____ _____ _____	_____ _____ _____
<b>E</b>	_____	_____ _____ _____	_____ _____ _____

<b>IOF4</b> Stop Time	<b>IOF4</b> [       ]
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## V. Technological Change and Important Events

TC0 Start Time	TC0 [            ]
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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 ? <b>(If none of the households are hooked up to the electricity, skip to TC2.)</b>	TC1A [            ]
TC1B When did this village first get electricity?	TC1B [            ]
TC2 Television	
TC2A How many households in the village have a television ? <b>(If none of the households have a television, go to TC3.)</b>	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 ? <b>(If there is no telephone in the village, go to TC4.)</b>	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**\_\_\_\_\_)

	<b>TC4A</b> no. of households	<b>TC4B</b> no. of machines	<b>TC4C</b> year	<b>TC4D</b> first adopter	<b>TC4E</b> age
<b>1</b> Walking Tractor	[       ]	[       ]	[       ]	[       ]	[       ]
<b>2</b> 4-Wheel Tractor	[       ]	[       ]	[       ]	[       ]	[       ]
	<b>TC4F</b> schooling	<b>TC4G</b> rai	<b>TC4H</b> source of information	<b>TC4I</b> institution	
<b>1</b> Walking Tractor	[       ]	[       ]	[       ] <b>oth1</b> _____ trans_____ <b>oth2</b> _____ trans_____ <b>oth3</b> _____ trans_____	[       ] <b>other</b> _____ trans_____	
<b>2</b> 4-Wheel Tractor	[       ]	[       ]	[       ] <b>oth1</b> _____ trans_____ <b>oth2</b> _____ trans_____ <b>oth3</b> _____ trans_____	[       ] <b>other</b> _____ trans_____	

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

**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** \_\_\_\_\_)

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

**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** \_\_\_\_\_)

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

**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 ?

	<b>TC9A</b> Event	<b>TC9B</b> Year	<b>TC9C</b> How coped with it ?
<b>1</b>	[     ] other _____ trans _____	[     ]	_____ _____ _____
<b>2</b>	[     ] other _____ trans _____	[     ]	_____ _____ _____
<b>3</b>	[     ] other _____ trans _____	[     ]	_____ _____ _____
<b>4</b>	[     ] other _____ trans _____	[     ]	_____ _____ _____
<b>5</b>	[     ] other _____ trans _____	[     ]	_____ _____ _____

<b>TC9C how coped with it ?</b>	
<b>1</b>	_____ _____
<b>2</b>	_____ _____
<b>3</b>	_____ _____
<b>4</b>	_____ _____
<b>5</b>	_____ _____

**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)

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

<b>TC10E how coped with it ?</b>	
<b>1</b>	<hr/> <hr/>
<b>2</b>	<hr/> <hr/>
<b>3</b>	<hr/> <hr/>
<b>4</b>	<hr/> <hr/>

<b>TC11</b> Stop Time	<b>TC11</b> [            ]
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**VI. Transportation**

<b>TR0</b> Start Time	<b>TR0</b> [            ]
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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.

<b>TR1</b> Main Roads	
<b>TR1A</b> How many kilometers is the village from the main road ? (Main road is defined to be a pavement with at least two lanes.)	<b>TR1A Km</b> [            ]
<b>TR1A1</b> When was the main road paved ?	<b>TR1A1 Year</b> [            ]
<b>TR1A2</b> How did the land price change due to the pavement of the main road ? _____ _____ _____	<b>TR1A2</b> [XXXXXXXX]
<b>TR1A2 translation</b> _____ _____ _____	
<b>TR1A3</b> 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.)	<b>TR1A3</b> [            ]
<b>TR1A3A</b> Where was the old market where villagers went to sell the major crop before the main road was paved ?. _____ _____	<b>TR1A3A</b> [XXXXXXXX]
<b>TR1A3A translation</b> _____ _____ _____	
<b>TR1A4</b> 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.).	<b>TR1A4</b> [            ]
<b>TR1A4A</b> Where was the old market where villagers used to go to buy chemical fertilizers before the main road was paved ? _____ _____	<b>TR1A4A</b> [XXXXXXXX]
<b>TR1A4A translation</b> _____	

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

**Codes for Group Finance (TR2C, TR2E)**

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

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

Transportation System	Year
A train	<b>TR3A</b> [       ]
B bus	<b>TR3B</b> [       ]
C canal	<b>TR3C</b> [       ]

<b>TR4</b> Stop Time	<b>TR4</b> [       ]
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**VII. Land**

<b>LA0</b> Start Time	<b>LA0</b> [            ]
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**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**

	<b>LA1</b> Rai	<b>LA2</b> Why	<b>LA3</b> How
<b>A. Now</b>	[            ]	[            ] <b>other</b> _____ <b>trans</b> _____	[            ] <b>other</b> _____ <b>trans</b> _____
<b>B. 5 ago</b>	[            ]	[            ] <b>other</b> _____ <b>trans</b> _____	[            ] <b>other</b> _____ <b>trans</b> _____
<b>C. 10 ago</b>	[            ]	[            ] <b>other</b> _____ <b>trans</b> _____	[            ] <b>other</b> _____ <b>trans</b> _____

<b>LA4</b> Stop Time	<b>LA4</b> [            ]
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**Land Ownership**

<b>LO0</b> Start Time	<b>LO0</b> [            ]
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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
<b>A</b> number of households who has no land	[ ]	[ ]	[ ]	[ ] other _____ trans _____
<b>B</b> rai of land owned by outsiders	[ ]	[ ]	[ ]	[ ] other _____ trans _____
<b>C</b> rai of land with chanod	[ ]	[ ]	[ ]	[ ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____
<b>D</b> rai of land with NS3	[ ]	[ ]	[ ]	[ ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____
<b>E</b> rai of land with NS3K	[ ]	[ ]	[ ]	[ ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____
<b>F</b> rai of land with SK1	[ ]	[ ]	[ ]	[ ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____
<b>G</b> rai of land with other title (specify: _____)	[ ]	[ ]	[ ]	[ ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____

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

**Codes for Individual Finance (LO5B)**

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

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

**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** \_\_\_\_\_)

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

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

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

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

<b>LO10</b> Stop Time	<b>LO10</b> [       ]
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**Land Quality**

<b>LQ0</b> Start Time	<b>LQ0</b> [            ]
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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
<b>LQ1</b> How many rai of the agricultural land in the village would you estimate is of high/medium/low quality?	[            ]	[            ]	[            ]
<b>LQ2</b> On average, is the land of that quality low land or upland ? 1 - upland, 3 - lowland	[            ]	[            ]	[            ]
<b>LQ3</b> On average, does the land of that quality have a good or bad access to a water source ? 1 - good, 3 - bad	[            ]	[            ]	[            ]
<b>LQ4</b> On average, how fertile is the land of that quality ? 1 - very fertile, 3 - fertile, 5 - infertile, 7 - very infertile	[            ]	[            ]	[            ]
<b>LQ5</b> On average, what type of soil does the land of that quality have ? 1 - black, 3 - clay 5 - sandy, 7 - gravely, 9 - other (specify: <b>other</b> _____)	[            ] <b>oth</b> _____ <b>trans</b> _____	[            ] <b>oth</b> _____ <b>trans</b> _____	[            ] <b>oth</b> _____ <b>trans</b> _____
<b>LQ6</b> What is the major crop grown on the land of this quality when there is enough water ? <b>(Use crop code.)</b>	[            ] <b>oth</b> _____ <b>trans</b> _____	[            ] <b>oth</b> _____ <b>trans</b> _____	[            ] <b>oth</b> _____ <b>trans</b> _____
<b>LQ7</b> What is the major crop grown on the land of this quality when there is not enough water ? <b>(Use crop code.)</b>	[            ] <b>oth</b> _____ <b>trans</b> _____	[            ] <b>oth</b> _____ <b>trans</b> _____	[            ] <b>oth</b> _____ <b>trans</b> _____

**Codes for Crop (LQ6, LQ7)**

- |                |  |
|----------------|--|
| 1 - rice       | 7 - soy bean                             |
| 3 - sweet corn | 9 - vegetables                           |
| 5 - feed corn  | 11 - other (specify: <b>other</b> _____) |

	<b>A: High Quality</b>	<b>B: Medium Quality</b>	<b>C: Low Quality</b>
<b>LQ8</b> 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 [            ]
<b>LQ9</b> What is the average <b>annual</b> 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 [            ]
<b>LQ10</b> What is the average price per rai of the agricultural land of this quality?	Bahts/rai [            ]	Bahts/rai [            ]	Bahts/rai [            ]
<b>LQ11</b> 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 [            ]
<b>LQ12</b> Five years ago, what was the price per rai of the same piece of land you mentioned in <b>LQ11</b> ?	bahts/rai [            ]	bahts/rai [            ]	bahts/rai [            ]
<b>LQ13</b> Ten years ago, what was the price per rai of the same piece of land you mentioned in <b>LQ11</b> ?	bahts/rai [            ]	bahts/rai [            ]	bahts/rai [            ]
<b>LQ14</b> 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 [            ]
<b>LQ15</b> Five years ago, what was the price per rai of the same piece of land you mentioned in <b>LQ14</b> ?	bahts/rai [            ]	bahts/rai [            ]	bahts/rai [            ]
<b>LQ16</b> Ten years ago, what was the price per rai of the same piece of land you mentioned in <b>LQ14</b> ?	bahts/rai [            ]	bahts/rai [            ]	bahts/rai [            ]

<b>LQ17</b> Stop Time	<b>LQ17</b> [            ]
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**Soil Problems and Pollution**

<b>LQS0</b> Start Time	<b>LQS0</b> [            ]
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<b>LQS1</b> Is there any problem with the soil of the land in this village ? (1 - yes, 3 - no ) <b><u>(If yes, continue. If no, go to LQS2.)</u></b>	<b>LQS1</b> [            ]
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**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  | 7. poor drainage                           |
| 3. acidic soil       | 9. hardened soil                           |
| 5. low nutrient soil | 11. other (specify: <b>LQS1Aoth</b> _____) |

**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	[ ]	[ ]		[ ]	[ ]

<b>LQS1D why</b>	
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.)**

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

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

<b>LQS7</b> 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 ? <b>(Use codes for side effects.)</b>	<b>LQS7</b> [ ]
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**Codes for Side Effects (LQS7)**

- 1 - no impact on other farmers
- 3 - hurts other farmers
- 5 - helps other farmers

<b>LQS8</b> Stop Time	<b>LQS8</b> [ ]
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**Water**

<b>LAW0</b> Start Time	<b>LAW0</b> [            ]
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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.)**

<b>Man-made water source</b>	<b>LAW4</b> year	<b>LAW5</b> planner	<b>LAW6</b> finance
<b>A-</b> 4 irrigation canal	[       ]	[       ] other _____ trans _____	[       ] other _____ trans _____
<b>B-</b> 6 man-made khlong (small)	[       ]	[       ] other _____ trans _____	[       ] other _____ trans _____
<b>C-</b> 8 small man-made reservoir	[       ]	[       ] other _____ trans _____	[       ] other _____ trans _____
<b>D-</b> 9 large man-made reservoir	[       ]	[       ] other _____ trans _____	[       ] other _____ trans _____
<b>E-</b> 11 well	[       ]	[       ] other _____ trans _____	[       ] other _____ trans _____
<b>F-</b> 12 large pumps	[       ]	[       ] other _____ trans _____	[       ] other _____ trans _____
<b>G-</b> 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: \_\_\_\_\_)

<b>LAW7</b> Stop Time	<b>LAW7</b> [       ]
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**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**

<b>OCA0</b> Start Time	<b>OCA0</b> [       ]
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<b>OCA1</b> How many households in this village are involved in agriculture as owners/renters ?	<b>OCA1</b> [       ]
---	--------------------------

<b>OCA2</b> Is there a reliable irrigation system in the village ? (1 - yes, 3 - no) <b>(If yes, continue. If no, go to OCA6.)</b>	<b>OCA2</b> [       ]
--	--------------------------

**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.)**

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

**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: \_\_\_\_\_)

**(If the respondent cannot answer OCA5, continue. Otherwise, go to OCA12.)**

**OCA6** In a favorable 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.)**

**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. **(Write the relevant code in cell for the relevant crop and month.)**

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

**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
<b>Field Crops</b>														
<b>A</b>														
<b>B</b>														
<b>C</b>														
<b>D</b>														
<b>Vegetables</b>														
<b>E</b>														
<b>F</b>														
<b>G</b>														
<b>Tree crops</b>														
<b>H</b>														
<b>I</b>														
<b>Shrimp/Fish Farming</b>														
<b>J</b>														
<b>K</b>														

**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.**

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

**OCA12D4: Codes for source of information**

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

<b>OCA13</b> When there is not enough water, what is the latest possible month that you can plant the major crop ? <b>(Write down the month as a number, e.g, January is 1, December is 12, and so on.)</b>	<b>OCA13 Month</b> [            ]
<b>OCA14</b> 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?	
<b>OCA14A</b> use only unpaid family labor	<b>OCA14A %</b> [            ]
<b>OCA14B</b> labor exchange among villagers	<b>OCA14B %</b> [            ]
<b>OCA14C</b> hire other villagers	<b>OCA14C %</b> [            ]
<b>OCA14D</b> hire workers from other villages	<b>OCA14D %</b> [            ]
<b>OCA14E</b> other (specify <b>oth</b> _____ <b>trans</b> _____)	<b>OCA14E %</b> [            ]

**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
<b>Field Crops</b>						
<b>A</b>						[                    ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____
<b>B</b>						[                    ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____
<b>C</b>						[                    ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____
<b>D</b>						[                    ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____
<b>Vegetables</b>						
<b>E</b>						[                    ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____
<b>F</b>						[                    ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____
<b>G</b>						[                    ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____
<b>Tree crops</b>						
<b>H</b>						[                    ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____
<b>I</b>						[                    ] 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
<b>Shrimp/Fish Farming</b>						
<b>J</b>						[            ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____
<b>K</b>						[            ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____
<b>L</b>						[            ] oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____

<b>OCA20 Marketing of the Major Crop</b>	
<b>OCA20A</b> How do most of the villagers sell the major crop ? <b>(Use the codes for marketing.)</b> <b>(If the answer is 5, continue. Otherwise, skip to OCA20C.)</b>	<b>OCA20A</b> [            ]
<b>OCA20B</b> Where is the store/ institution/ processor/ trader to whom most of the villagers sell the major crop? <b>(Use codes for location.)</b> oth1 _____ trans _____ oth2 _____ trans _____ oth3 _____ trans _____ oth4 _____ trans _____	<b>OCA20B</b> [            ]
<b>OCA20C</b> What store/ institution/ processor/ trader do most villagers sell the major crop to ? <b>(Use the codes for market institutions.)</b> oth1 _____ trans _____ oth2 _____ trans _____	<b>OCA20C</b> [            ]
<b>OCA20D</b> When did most of the villagers start selling the major crop as described in OCA20A to OCA20C ? <b>(If OCA20D is earlier than 2489, skip to OCA21. Otherwise, continue.)</b>	<b>OCA20D</b> <b>Year</b> [            ]

**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**\_\_\_\_\_)

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

**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**\_\_\_\_\_)

<b>OCA21 Marketing of Chemical Fertilizers</b>	
<p><b>OCA21A</b> What store/ institution/ processor/ trader do most villagers buy chemical fertilizers from ?  <b>(Use the codes for market institutions.)</b>  <b>oth1</b> _____ <b>trans</b> _____  <b>oth2</b> _____ <b>trans</b> _____</p>	<p><b>OCA21A</b> [       ]</p>
<p><b>OCA21B</b> Where is the store/ institution/ processor/ trader from whom most of the villagers buy chemical fertilizers from ?  <b>(Use codes for location.)</b>  <b>oth1</b> _____ <b>trans</b> _____  <b>oth2</b> _____ <b>trans</b> _____  <b>oth3</b> _____ <b>trans</b> _____  <b>oth4</b> _____ <b>trans</b> _____</p>	<p><b>OCA21B</b> [       ]</p>
<p><b>OCA21C</b> When did most of the villagers start buying chemical fertilizers as described in <b>OCA21A</b> to <b>OCA21B</b> ?  <b>(If OCA21C is earlier than 2519, skip to OCA22. Otherwise, continue.)</b></p>	<p><b>OCA21C</b> <b>Year</b> [       ]</p>
<p><b>OCA21D</b> What store/ institution/ processor/ trader did most villagers buy chemical fertilizers from in the past ?  <b>(Use the codes for market institutions.)</b>  <b>oth1</b> _____ <b>trans</b> _____  <b>oth2</b> _____ <b>trans</b> _____</p>	<p><b>OCA21D</b> [       ]</p>
<p><b>OCA21E</b> Where is the store/ institution/ processor/ trader from whom most of the villagers used to buy chemical fertilizers ?  <b>(Use codes for location.)</b>  <b>oth1</b> _____ <b>trans</b> _____  <b>oth2</b> _____ <b>trans</b> _____  <b>oth3</b> _____ <b>trans</b> _____  <b>oth4</b> _____ <b>trans</b> _____</p>	<p><b>OCA21E</b> [       ]</p>

**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 the 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.

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

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

**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 \_\_\_\_\_)

<b>OCA24</b> Stop Time	<b>OCA24</b> [       ]
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**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 ?  
**(If there is no seasonal worker for this type of job, skip to the next type of job.)**

**OCB6** Where is the workplace of this type of job located ?  
**(Use codes for location.)**

**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 ? **(Use codes for months. Record all that apply.)**

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

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

**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 |

<p><b>OCB10</b> Is there anyone in this village who does piece work for a factory (e.g., wig-making, fan-making, pot making, sewing, and <i>etc.</i>) ?                  (1 - yes, 3 - no)  <b>(If yes, continue. If no, skip to OCB15.)</b></p>	<p><b>OCB10</b>                  [            ]</p>
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**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
<b>A</b>	_____ trans_____	[     ]	[     ]	[     ] oth1_____trans_____ oth2_____trans_____ oth3_____trans_____ oth4_____trans_____
<b>B</b>	_____ trans_____	[     ]	[     ]	[     ] oth1_____trans_____ oth2_____trans_____ oth3_____trans_____ oth4_____trans_____
<b>C</b>	_____ trans_____	[     ]	[     ]	[     ] oth1_____trans_____ oth2_____trans_____ oth3_____trans_____ oth4_____trans_____
<b>D</b>	_____ 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 [     ]
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**C. Other Activities**

<b>OCC0</b> Start Time	<b>OCC0</b> [       ]
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**OCC1** How many people are there in the village who work in the following jobs?  
**(If there is no one in the village that works in that job, skip to the next job. Otherwise, continue.)**

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

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

	<b>OCC5</b> former jobs	<b>OCC6</b> year	<b>OCC7</b> why
<b>A</b>	_____	[     ]	_____ _____ _____
<b>B</b>	_____	[     ]	_____ _____ _____
<b>C</b>	_____	[     ]	_____ _____ _____
<b>D</b>	_____	[     ]	_____ _____ _____
	<b>OCC5</b> former jobs	<b>OCC7</b> why	
<b>A</b>	_____	_____ _____ _____	
<b>B</b>	_____	_____ _____ _____	
<b>C</b>	_____	_____ _____ _____	
<b>D</b>	_____	_____ _____ _____	

<p><b>OCC8</b> 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)  <b>(If yes, continue. If no, go to the next section.)</b></p>	<p><b>OCC8</b>          [            ]</p>
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**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?

<b>OCC9</b> Product/Service	<b>OCC10</b> year
A _____	[        ]
B _____	[        ]
C _____	[        ]
D _____	[        ]
<b>OCCA9 Product/Service</b>	
A _____	
B _____	
C _____	
D _____	

<b>OCC11</b> Stop Time	<b>OCC11</b> [            ]
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**IX. Social Structure and Welfare**

<b>SS0</b> Start Time	<b>SS0</b> [            ]
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<b>SS1</b> Remittances	
<b>SS1A</b> Approximately how many households in this village receive remittances from parents, children or other relatives at least once every year ?	<b>SS1A</b> [            ]
<b>SS1B</b> Approximately how many households in this village send remittances to parents, children or other relatives at least once every year?	<b>SS1B</b> [            ]

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

<b>SS2</b> Support of elderly people	
<b>SS2A</b> 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 ? <b><u>(If there is no such elderly person, skip to SS3. Otherwise, continue.)</u></b>	<b>SS2A</b> [            ]
<b>SS2B</b> 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 <b><u>(Use codes for help for the elderly. Record all that apply.)</u></b> <b>other</b> _____ <b>trans</b> _____	<b>SS2B</b> [            ]

**Codes for Help for the Elderly (SS2B)**

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

**SS3 Inheritance**

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

**Codes for Inheritance (SS3)**

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

**SS4 Savings for old age**

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

**SS5 Resolution of Conflicts**

<b>SS5A</b> Is there a village committee for resolution of conflicts among villagers ? (1 - yes, 3 - no) <b>(If yes, continue. If no, skip to SS5C.)</b>	<b>SS5A</b> [       ]
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	<b>1. Conflicts between married couples/divorce</b>	<b>2. Conflicts over repayment of loans from individuals</b>	<b>3. Conflicts over repayment of loans from institutions</b>	<b>4. Disputes over land boundaries</b>
<b>SS5B</b> Since you became the village headman, how many times has the village committee tried to help resolve the conflict of this type ? <b>(Skip to SS6.)</b>	[       ]	[       ]	[       ]	[       ]
<b>SS5C</b> 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**

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

**Codes for help for house construction (SS6A, SS6C)**

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

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

<b>SS7</b> 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)	
<b>SS7A</b> lend money/rice without interest to relatives in the village	<b>SS7A</b> [       ]
<b>SS7B</b> lend money/rice without interest to non-relatives in the village	<b>SS7B</b> [       ]
<b>SS7C</b> help other villagers with money/rice in an emergency or sickness	<b>SS7C</b> [       ]
<b>SS7D</b> help other villagers with money/food when there is a monks ceremony, a funeral or a wedding	<b>SS7D</b> [       ]
<b>SS7E</b> help other villagers with free labor when there is a monks ceremony, a funeral or a wedding	<b>SS7E</b> [       ]
<b>SS7F</b> help other villagers by sharing equipment/buffalo	<b>SS7F</b> [       ]
<b>SS7G</b> help other villagers by providing free labor	<b>SS7G</b> [       ]
<b>SS7H</b> give money to the temple	<b>SS7H</b> [       ]

<b>SS8</b> Stop Time	<b>SS8</b> [       ]
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**X. Village Leadership**

<b>VL0</b> Start Time	<b>VL0</b> [            ]
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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
<b>VL1</b> What is his/her name ?	<b>NA</b>	_____ trans_____	_____ trans_____
<b>VL2</b> How long did he/she serve ?	<b>Years</b> [            ]	<b>Years</b> [            ]	<b>Years</b> [            ]
<b>VL3</b> How was he/she elected? <b>(Use codes for election.)</b>	[            ]	[            ]	[            ]
<b>VL4</b> What was his/her occupation ? <b>(Use codes for occupation. See Coding Sheet in Appendix. Record all that apply.)</b>	<b>NA</b>	[            ] oth_____ trans_____	[            ] oth_____ trans_____
<b>VL5</b> How much land did he/she own?	<b>NA</b>	<b>rai</b> [            ]	<b>rai</b> [            ]
<b>VL6</b> What is the highest grade of school he/she completed? <b>(Use codes for schooling. See Coding Sheet in Appendix.)</b>	<b>NA</b>	[            ]	[            ]
<b>VL7</b> 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
<b>VL8</b> What are the major achievements of his/hers?	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
<b>VL8 Translation</b>	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
<b>VL9</b> What are the major problems confronting you ?	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
<b>VL9 Translation</b>	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
<b>VL10</b> What would you like to achieve in the future ?	_____ _____ _____ _____	NA	NA
<b>VL10 Translation</b>	_____ _____ _____ _____	NA	NA

<b>VL11</b> Stop Time	<b>VL11</b> [            ]
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**XI. Income/Welfare Fluctuations**

<b>IF0</b> Start Time	<b>IF0</b> [            ]
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Now I would like to ask you some questions about changes in the village's welfare.

<b>IF1 Best Year of Last Five Years</b>	
<b>IF1A</b> 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)	<b>IF1A</b> [            ]
<b>IF1B</b> Why was this the best year? <b>(Use codes for good year. Record all that apply.)</b> other _____ trans _____	<b>IF1B</b> [            ]
<b>IF1C</b> How many households in the village experienced higher income in that year?	<b>IF1C</b> [            ]
<b>IF2 Best Year Ever</b>	
<b>IF2A</b> What is the best year you can remember for village welfare? <b>(If it is the same as the best of last five years, skip to IF3. Otherwise, continue.)</b>	<b>IF2A Year</b> [            ]
<b>IF2B</b> Why was this the best year? <b>(Use codes for good year. Record all that apply.)</b> other _____ trans _____	<b>IF2B</b> [            ]
<b>IF2C</b> How many households in the village experienced higher income in that year?	<b>IF2C</b> [            ]

**Codes for Good/Bad Year (IF1B, IF2B)**

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

<b>IF3 Worst Year of Last Five Years</b>	
<p><b>IF3A</b> 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)</p>	<p><b>IF3A</b> [       ]</p>
<p><b>IF3B</b> Why was this the worst year?  <u>(Use codes for bad year. Record all that apply.)</u>  <b>other</b> _____ <b>trans</b> _____</p>	<p><b>IF3B</b> [       ]</p>
<p><b>IF3C</b> How many households in the village experienced lower income in that year?</p>	<p><b>IF3C</b> [       ]</p>
<b>IF4 Worst Year Ever</b>	
<p><b>IF4A</b> What is the worst year you can remember for village welfare?  <u>(If it is the same as the worst of last five years, skip to IF5. Otherwise, continue.)</u></p>	<p><b>IF4A</b> <b>Year</b> [       ]</p>
<p><b>IF4B</b> Why was this the worst year?  <u>(Use codes for bad year. Record all that apply.)</u>  <b>other</b> _____ <b>trans</b> _____</p>	<p><b>IF4B</b> [       ]</p>
<p><b>IF4C</b> How many households in the village experienced lower income in that year?</p>	<p><b>IF4C</b> [       ]</p>

**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**\_\_\_\_\_)

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

<b>IF7</b> Stop Time	<b>IF7</b> [       ]
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**XII. Ranking of Villages in the Tambon**

<b>NE0</b> Start Time	<b>NE0</b> [                      ]
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**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.

	<b>NE2A</b> Best Village	<b>NE2B</b> 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		

<p><b>NE3</b> Do you have any additional comments or observations?</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p><b>NE3</b> [ xxxx ]</p>
<p><b>NE3</b> _____</p> <p>_____</p> <p>_____</p>	
<p><b>NE4</b> Interviewer Comments</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p><b>NE4</b> [ xxxx ]</p>
<p><b>NE4</b> _____</p> <p>_____</p> <p>_____</p>	

<p><b>NE5</b> Stop Time</p>	<p><b>NE5</b> [       ]</p>
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## APPENDIX

### Frequently Used Codes

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

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

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

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

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

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