The Institute for Population and Social Research, Mahidol University and Carolina Population Center, University of North Carolina at Chapel Hill


(Demographic Responses to a Changing Environment in Nang Rong)

**Interview Form for the Community (Yellow Booklet)**

| Questionnaire ID | [] | [] | [] | [] | [] | [] | [] | [] |

| Day Month Year of Interview | ................................................................. |
| Start Time of Interview | .............................................. Time Finished | ................................................................. |
| Total Time of Interview | .................................................................................................. |
| Name of Interviewer | .............................................. Interviewer ID | ................................................................. |
| Name of Assistant Supervisor | .............................................. Date | .................................................................................................. |
| Name of Person who Checked and Corrected Questionnaire | .............................................. Date | .................................................................................................. |
| Name of Coder | .............................................. Date | .................................................................................................. |

| Observations during the Interview | .................................................................................................. |
| ................................................................. | .................................................................................................. |
| ................................................................. | .................................................................................................. |
## Community Data

### I.

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Position</th>
<th>Age</th>
<th>Sex</th>
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<tbody>
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<td>10. .....................</td>
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**Total number of people who also listened** ................. people

### II. Current Status of the village:

- Village Mu............ Name of Village......................
- Village #.................. Subdistrict..........................
- District........................ Buriram Province
Part 1: General Information

Previous Village Status

1. Since 1970, has this village been a part of any other village?
   1. Yes  2. No - skip to Q 3

2. This village was part of which village? Name of village.................................
   Village#.............. What year did it separate into a new village? (B.E.)..............

3. In 1970, what was the name of this village? ..................................................
   Village Mu.............. Name of the subdistrict which it was under in 1970..............

4. Since 1970, has this village changed its name?
   1. Yes  2. No - skip to Q 6

5. Names of village since 1970

<table>
<thead>
<tr>
<th>Day</th>
<th>Month</th>
<th>Year that village name changed</th>
<th>Village name</th>
<th>Subdistrict</th>
<th>District</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td>(Since 1970)</td>
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</tbody>
</table>

6. In what year was this village established? .......................

7. Currently, how many houses are in this village? ...............houses

8. This village has how many people? .......................people

9. This village has how many men? .........................men

10. This village has how many women? ....................women
Part 2: Transportation

11. The road from this village is linked to which major highway?
Name of major highway: ...........................................................

12. What type of roads link the village to the major highway named in Q 11? (More than one answer possible)
   1. Asphalt road
   2. Gravel road
   3. Cart / Dirt road
   4. Other - write details: ...........................

13. How long is the road from the village to the major highway? ..........km

14. Does the road from the village to the major highway pass through any other villages?
   1. Yes
   2. No - skip to Q 16

15. Which villages?

   Village name           Village #
   1. ......................... ..........................
   2. ......................... ..........................
   3. ......................... ..........................
   4. ......................... ..........................
   5. ......................... ..........................

16. The shortest route from the village to Nang Rong is how many kilometers? .............km
    What are the characteristics of this route? (Write the number of kilometers and describe the type of road.)
    ............................................................................................................................................
    ............................................................................................................................................

17. Do the villagers use this route to travel to Nang Rong or not?
   1. Yes
   2. No
18. How much time does it take to get to Nang Rong using this route?

..................hours..................minutes

19. Is there a bus or regular public transport that travels between this village and Nang Rong?

1. Yes  
2. No - skip to Q 33

↓

20. How much is the bus fare per person? ................. baht

Is this for one-way or round-trip travel?

1. One-way  
2. Round-trip

21. How many trips does this bus make to Nang Rong per day?

1. Trips .................per day
2. Trips................per week

22. What time does the first bus depart from this village?.................

23. After it leaves this village, does the bus stop in other villages to pick up or drop off passengers? (Start with the village that it reaches first and list in sequence.)

<table>
<thead>
<tr>
<th>Village name</th>
<th>Village #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. .................</td>
<td>.................</td>
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<td>2. .................</td>
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<td>3. .................</td>
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<td>4. .................</td>
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<td>5. .................</td>
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</tbody>
</table>

24. Usually this bus first starts at which village? Village name............... Village #.................

25. Before the first bus reaches this village, does it stop in other villages to pick up or drop off passengers?

<table>
<thead>
<tr>
<th>Village name</th>
<th>Village #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. .................</td>
<td>.................</td>
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<td>2. .................</td>
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<td>3. .................</td>
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<td>4. .................</td>
<td>.................</td>
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<tr>
<td>5. .................</td>
<td>.................</td>
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</tbody>
</table>
26. What time does the second bus depart from this village for Nang Rong? .................

27. Does it use the same route or not?
   1. Yes - go to Q 28      2. No

   The villages the second bus goes through:
   Village name          Village #
   1. .............................. ............................
   2. .............................. ............................
   3. .............................. ............................
   4. .............................. ............................
   5. .............................. ............................

28. What time does the last bus depart from this village for Nang Rong? ............

29. What time does the first bus leave Nang Rong on its way to this village? ........

30. What time does the first bus from Nang Rong arrive at this village? ..........

31. What time does the second bus from Nang Rong arrive at this village? ........

32. What time does the last bus from Nang Rong arrive at this village? ............

33. Is there a season or month when travel to Nang Rong is difficult?
   From (month).............. to (month)..................

34. (For those who answered yes in Q 19) During the period when travel to Nang Rong is
difficult, does the bus run to Nang Rong or not?
   1. Yes
   2. No
   3. Sometimes - write details ..................................................................................................
      ........................................................................................................................................
35. To which districts, other than Nang Rong District, do villagers travel? List the names of the 7 districts and reasons why they go there.

<table>
<thead>
<tr>
<th>District name</th>
<th>District # / Province</th>
<th>Main reason for going</th>
<th>Other reason for going</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. ..............</td>
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<td>6. ..............</td>
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<td>7. ..............</td>
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</tbody>
</table>

Part 3: Education

36. In this village, is there a primary school or not? (Prathom)

1. Yes  
2. No - skip to Q 40

37. This school offers instruction from what level.......... to what level.......... 

38. This school was established on what date? B.E. ..............

39. Before there was a primary school in this village, where did the children go for primary school? (If the village isn't listed on the sheet, write the village name and the district.) After completing Q 39 below, skip to Q 43.

<table>
<thead>
<tr>
<th>Village name</th>
<th>Village #</th>
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<tbody>
<tr>
<td>1. ...........</td>
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<td>2. ...........</td>
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<tr>
<td>3. ...........</td>
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</tbody>
</table>

40. Where do the children in this village go to attend primary school?

<table>
<thead>
<tr>
<th>Village name</th>
<th>Village #</th>
<th>From what level to what level</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. ...........</td>
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<td>2. ...........</td>
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<td>3. ...........</td>
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</tbody>
</table>
41. (If they gave more than one answer to Q 40) Where do most children in this village go to school?
   Name of village.................. Village #......................

42. This school goes from what level to what level?
   From level................... to level........................

43. In this village, is there a secondary school or not?
   1. Yes
   2. No - skip to Q 47

   ↓

44. This school offers instruction from what level to what level?
   From level...................to level........................

45. When was this secondary school established? ...................B.E.

46. Before there was a secondary school in this village, where did children in this village go to attend secondary school? (If there is no village name or village # on the list, write village name and district.) After completing Q 46 below, skip to Q 50.

   Village name / District name   Village # / District #
   1. ........................................... .................................
   2. ........................................... .................................
   3. ........................................... .................................

47. Where do the children in this village go to attend secondary school?

   Village name / Village # / From what level to what level
   District name                  District #
   1. ...................... .................... ............................................
   2. ...................... .................... ............................................
   3. ...................... .................... ............................................

48. (If they gave more than one answer to Q 47) Where do most children in this village go to attend secondary school?

   Village name / District name ......................... Village # / District # ...................

49. This school goes from what level to what level?
   From level...................to level........................
Part 4: Water Resources

50. Besides rain water, what source of water do you use for agriculture? ..................................

51. Where is the first source of water?

1. In the village
2. Outside the village
3. Inside and outside the village

52.1 Which other villages share this water source?

<table>
<thead>
<tr>
<th>Village name</th>
<th>Village #</th>
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<tbody>
<tr>
<td>1.</td>
<td></td>
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<tr>
<td>2.</td>
<td></td>
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<tr>
<td>3.</td>
<td></td>
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<td>4.</td>
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<td>5.</td>
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<tr>
<td>6.</td>
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</table>

52.2 No other villages share this resource.

53. Is this water source sufficient for use in agriculture or not?

1. Yes - skip to Q 55  
2. No

54. This year, when was the water shortage for planting rice?

From (month)............ to (month)...............

55. In this village, is there any problem with the quality of water used for agriculture or not?

1. Yes  
2. No - skip to Q 58

56. What is the problem? ........................................................................................................ ......
    ............................................................................................................................... ...............

57. Is there a solution to this problem? What is it? ..............................................................
    ...............................................................................................................................
58. In this village, is there a **public dug well** or a **public well with a PCV hand pump** for drinking or household use?

1. Yes  
2. No - skip to Q 60

59. In this village, how many **public sources of water** (such as dug wells, wells with PCV hand pumps, and other water resources) for drinking or household use are there in total?  
...........sources

60. What is the villagers’ primary source of drinking water? ...............................

61. In this village, is there a second source of drinking water or not?

1. Yes  
2. No - skip to Q 63

62. What is the type of the second source of drinking water? ...............................

63. Generally, in this village, are there any problems concerning drinking water or not?

1. Yes  
2. No

64. In this village, is the drinking water sufficient throughout the whole year?

1. Yes - skip to Q 66  
2. No

65. When does the water shortage usually occur?  
From (month)............. to (month).....................

66. Is there any problem with the **quality** of drinking water in this village?

1. Yes  
2. No - skip to Part 5

67. What is the problem?........................................................................................................ .......
............................................................................................................................... ...............

68. Is there a solution to this problem? What is it?....................................................................
............................................................................................................................... ...............

Part 5: Occupations

69. Do villagers in this village go out in groups to work in other villages or not?
   1. Yes 2. No - skip to Q 74

70. Which villages do they go to work in most often?

<table>
<thead>
<tr>
<th>Village name / District name</th>
<th>Village # / District #</th>
<th>Province #</th>
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<tbody>
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71. When villagers go to other villages for agricultural work, how much is their daily wage for planting or harvesting rice?

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<th></th>
<th>Don't go</th>
<th>Period of high labor demand</th>
<th>Period of low labor demand</th>
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</thead>
<tbody>
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<td>Male</td>
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<tr>
<td>Child</td>
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72. When villagers go to other villages for agricultural work, how much is their daily wage for planting, making cuttings of, harvesting, or weeding cassava?

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<th></th>
<th>Don't go</th>
<th>Period of high labor demand</th>
<th>Period of low labor demand</th>
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<tbody>
<tr>
<td>Male</td>
<td>.........</td>
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<td>Female</td>
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<td>Child</td>
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73. When villagers go to other villages for agricultural work, how much is their daily wage for planting or harvesting sugar cane?

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<th></th>
<th>Don't go</th>
<th>Period of high labor demand</th>
<th>Period of low labor demand</th>
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<tbody>
<tr>
<td>Male</td>
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<td>Female</td>
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<td>Child</td>
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74. Does this village occasionally have to hire groups of laborers from other villages?

1. Yes  
2. No - skip to Q 77

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75. From which villages do these groups of laborers often come?

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<thead>
<tr>
<th>Village name / District name</th>
<th>Village # / District #</th>
<th>Province #</th>
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<td>1. ..................................</td>
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76. When people from other villages come to this village for agricultural work, how much is their daily wage for planting or harvesting rice?

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<th>Don't go</th>
<th>Period of high labor demand</th>
<th>Period of low labor demand</th>
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<tbody>
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<td>Male</td>
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<td>Female</td>
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<tr>
<td>Child</td>
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</table>

77. In the last 12 months, when young men left to work outside this village, where did they go to find work and what kind of work were they likely to get?

1. The first place they went (Village name or name of Town, District, Province)

   a. first occupation......................................................
   b. second occupation...................................................
   c. third occupation.....................................................

2. The second place they went (Village name or name of Town, District, Province)

   a. first occupation......................................................
   b. second occupation...................................................
   c. third occupation.....................................................

3. The third place they went (Village name or name of Town, District, Province)

   a. first occupation......................................................
   b. second occupation...................................................
   c. third occupation.....................................................
78. In the last 12 months, did they return to visit this village or not?
   1. Yes  
   2. No - skip to Q 81
   ↓

79. Approximately how many times did they return? ...............times

80. When do most of these young men return to visit the village?
   (Write details or note the holiday or month when they return.)
   1. ....................................
   2. ....................................
   3. ....................................
   4. ....................................
   5. ....................................

81. Of all the young men who go to work outside this village, what percentage will return to
    live in the village permanently?
   1. Almost everyone returns 81-100%
   2. Most return 61-80%
   3. Half return 41-60%
   4. A few return 21-40%
   5. Hardly any return 0-20%

82. In the last 12 months, when young women left to work outside this village, where did they
    go to find work and what kind of work were they likely to get?
   1. The first place they went (Village name or name of Town, District, Province)
       ........................................................................................................
       a. first occupation...........................................................................
       b. second occupation.................................................................
       c. third occupation...............................................................
   2. The second place they went (Village name or name of Town, District, Province)
       ........................................................................................................
       a. first occupation...........................................................................
       b. second occupation.................................................................
       c. third occupation...............................................................
3. **The third place they went** (Village name or name of Town, District, Province)
   
   a. first occupation
   b. second occupation
   c. third occupation

83. In the last 12 months, did they return to visit this village or not?

   1. Yes
   2. No - skip to Q 86

84. Approximately how many times did they return? ...............times

85. When do most of these young women return to visit the village?
(Write details or note the holiday or month when they return.)

   1. .........................
   2. .........................
   3. .........................
   4. .........................
   5. .........................

86. Of all the young women who go to work outside this village, what percentage will return to live in this village permanently?

   1. Almost everyone returns  81-100%
   2. Most return       61-80%
   3. Half return        41-60%
   4. A few return       21-40%
   5. Hardly any return  0-20%
Part 6: Agricultural Technology

87. In this village, how many rice mills are there? ..........mills

88. (If there is more than one rice mill) Write down the names of the rice mills (or the names of the owners), then mark the numbers of the rice mills on the map.

Name of mill 1. ............. Whose rice mill................. Mill number / Village #
District # / Province #
......................

2. ............. Whose rice mill................. Mill number / Village #
District # / Province #
......................

3. ............. Whose rice mill................. Mill number / Village #
District # / Province #
......................

4. ............. Whose rice mill................. Mill number / Village #
District # / Province #
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5. ............. Whose rice mill................. Mill number / Village #
District # / Province #
......................

6. ............. Whose rice mill................. Mill number / Village #
District # / Province #
......................

7. ............. Whose rice mill................. Mill number / Village #
District # / Province #
......................
8. .............. Whose rice mill.................. Mill number / Village #
District # / Province #

89. Do farmers in the village hire tractors from other villages or not?

1. Yes 
2. No - skip to Q 91

90. From which village do villagers hire tractors?

<table>
<thead>
<tr>
<th>Village name / District name</th>
<th>Village # / District #</th>
<th>Province #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. ..................................</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. ..................................</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. ..................................</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

91. In this village, when hiring a walking tractor for the **first plowing** of a rice paddy, how much does it cost per rai? ..........baht / rai

92. When hiring a tractor to plow a cassava field, how much does it cost to plow per rai?
Large tractor..................baht / rai
Walking (small) tractor........baht / rai

93. What kinds of fertilizers do villagers use? Where can they buy them and how much do they cost?

<table>
<thead>
<tr>
<th>Fertilizer type</th>
<th>Source</th>
<th>Buy from: Coop / Private store / coop and private store</th>
<th>Price / Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical fertilizer</td>
<td>1. Within the village...............</td>
<td>..................................................</td>
<td>...............</td>
</tr>
<tr>
<td></td>
<td>2. Outside the village...............</td>
<td>..................................................</td>
<td>...............</td>
</tr>
<tr>
<td>Organic fertilizer (manure)</td>
<td>1. Within the village...............</td>
<td>..................................................</td>
<td>...............</td>
</tr>
<tr>
<td></td>
<td>2. Outside the village...............</td>
<td>..................................................</td>
<td>...............</td>
</tr>
<tr>
<td>Compost</td>
<td>1. Within the village...............</td>
<td>..................................................</td>
<td>...............</td>
</tr>
<tr>
<td></td>
<td>2. Outside the village...............</td>
<td>..................................................</td>
<td>...............</td>
</tr>
</tbody>
</table>
94. What kinds of herbicides and insecticides do the villagers use? Where do they buy them and how much do they cost?

<table>
<thead>
<tr>
<th>Herbicide / Insecticide type</th>
<th>Source</th>
<th>Bought from: Coop / Private store</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1. Within the village...........</td>
<td>........................................</td>
</tr>
<tr>
<td></td>
<td>2. Outside the village...........</td>
<td>........................................</td>
</tr>
<tr>
<td></td>
<td>1. Within the village...........</td>
<td>........................................</td>
</tr>
<tr>
<td></td>
<td>2. Outside the village...........</td>
<td>........................................</td>
</tr>
<tr>
<td></td>
<td>1. Within the village...........</td>
<td>........................................</td>
</tr>
<tr>
<td></td>
<td>2. Outside the village...........</td>
<td>........................................</td>
</tr>
</tbody>
</table>

95. How do villagers obtain water for agriculture? (More than one answer possible.)

1. Natural method (rain water)
2. Mechanical water pump
3. Water wheel
4. Irrigation canal (hand dug ditch)
5. Other - write details..............................................................

Part 7: Agriculture and Marketing of Agricultural Products

96. Please list in order of importance the different crops planted by villagers and state the number of times they are planted per year, percent of land used for these crops, percent of households that plant these crops, amount produced per rai, price for each crop, and then rank the crops by contribution to income.

<table>
<thead>
<tr>
<th>Crop Type</th>
<th>Rank</th>
<th>Number of times planted per year</th>
<th>% of land*</th>
<th>% of households</th>
<th>Yield / rai</th>
<th>Unit price</th>
<th>Income rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rice</td>
<td>......</td>
<td>.................................</td>
<td>..........</td>
<td>.................</td>
<td>..........</td>
<td>...........</td>
<td>............</td>
</tr>
<tr>
<td>Cassava</td>
<td>......</td>
<td>.................................</td>
<td>..........</td>
<td>.................</td>
<td>..........</td>
<td>...........</td>
<td>............</td>
</tr>
<tr>
<td>Jute</td>
<td>......</td>
<td>.................................</td>
<td>..........</td>
<td>.................</td>
<td>..........</td>
<td>...........</td>
<td>............</td>
</tr>
<tr>
<td>Sugar Cane</td>
<td>......</td>
<td>.................................</td>
<td>..........</td>
<td>.................</td>
<td>..........</td>
<td>...........</td>
<td>............</td>
</tr>
<tr>
<td>Vegetables</td>
<td>......</td>
<td>.................................</td>
<td>..........</td>
<td>.................</td>
<td>..........</td>
<td>...........</td>
<td>............</td>
</tr>
<tr>
<td>Other - specify</td>
<td>......</td>
<td>.................................</td>
<td>..........</td>
<td>.................</td>
<td>..........</td>
<td>...........</td>
<td>............</td>
</tr>
</tbody>
</table>

*Whether this is the percent of cultivated or total land is in question as of 5/9/97.
Interviewer: Please ask the respondents to name the 4 most important crops from Q 96. If there are fewer than 4 crops, write the ones that are important.

1. ....................................
2. ....................................
3. ....................................
4. ....................................

97. Where do villagers go to sell the most important crop (..........)?

   1. Within the village

   2. Outside the village - Village name / District name ............
                              Village # / District # / Province # ..............

98. Where do villagers go to sell the second most important crop (..........)?

   1. Within the village

   2. Outside the village - Village name / District name ............
                              Village # / District # / Province # ..............

99. Where do villagers go to sell the third most important crop (..........)?

   1. Within the village

   2. Outside the village - Village name / District name ............
                              Village # / District # / Province # ..............

100. Where do villagers go to sell the fourth most important crop (..........)?

    1. Within the village

    2. Outside the village - Village name / District name ............
                                Village # / District # / Province # ..............

101. Do merchants come to the village to buy these crops? If so, where do they come from?

    First crop  1. Yes  2. No  From where (Village # / District # / Province #)..............
    Second crop 1. Yes  2. No  From where (Village # / District # / Province #)..............
    Third crop  1. Yes  2. No  From where (Village # / District # / Province #)..............
    Fourth crop 1. Yes  2. No  From where (Village # / District # / Province #)..............
Part 8: Electricity

102. Does this village have electricity?
   1. Yes
   2. No - skip to Q 104

103. When did this village first get electricity? B.E. .............

104. Does this village have telephone service?
   1. Yes
   2. No - skip to Part 9

105. In this village, how many telephones are there? ............ telephones

Part 9: Communication

106. How many households in this village have televisions? ........ televisions

107. Is there a broadcasting tower in this village? If yes, when was it built?
   1. Yes - Date built B.E. ............. What time does it broadcast? .............
   2. No

108. In this village, is there a newspaper reading center?
   1. Yes
   2. No - skip to Part 10

109. What year was the newspaper reading center established? B.E. .............
Section 10: Social Institutions

110. Is there a temple in this village?
   1. Yes  
   2. No - skip to Q 120

111. Do people from other villages share the temple?
   1. Yes  
   2. No - skip to Q 113

112. Which villages share this temple?
   Village name  Village #
   1. .............................. ............................
   2. .............................. ............................
   3. .............................. ............................
   4. .............................. ............................

113. How many people are on the temple committee?
   Total # of members  Women  Men
   ........................................  ..........  ..........  

114. How many temple committee members are from this village?.......... people

115. How many committee members, if any, are from other villages? Which villages are they from?
   Total #  Village name  Village #
   1. .............  ........................................  ............................
   2. .............  ........................................  ............................
   3. .............  ........................................  ............................
   4. .............  ........................................  ............................

116. Does the temple committee have a temple loan fund that villagers can borrow from?
   1. Yes - go on to Q 117  
   2. No - skip to Q 118
117. Is this temple loan fund operating well? (For example: In the last 12 months, have any villagers borrowed money?)

1. Yes
2. No

118. Does the temple provide any services to the villagers and the community? What are they?
........................................................................................................................................................................
........................................................................................................................................................................
........................................................................................................................................................................

119. In the last 12 months, has the temple organized any festivals or fairs?

1. Yes
2. No - skip to Q 120

↓
For what purpose.
........................................................................................................................................................................
........................................................................................................................................................................
........................................................................................................................................................................
........................................................................................................................................................................

120. Do villagers sometimes go to make merit at temples in other villages?

1. Yes
2. No - skip to Q 122

↓

121. If they go to other temples, where do they like to go? Please list the locations in order of preference: 1, 2, and 3.

Village name  Village #
1. .........................  .........................  
2. .........................  .........................  
3. .........................  .........................  

122. What languages can the villagers speak? (More than 1 answer possible.)

1. Central Thai
2. Thai Korat
3. Khmer
4. Lao
5. Suay

Which language do they speak most often? .........................
123. Groups and committees, their members, and dates of establishment

1. Village Committee

<table>
<thead>
<tr>
<th>Total # of members</th>
<th>Male members</th>
<th>Female members</th>
<th>Date of establishment B.E.</th>
<th>Chairperson's name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ban Lek Ti</td>
<td></td>
</tr>
</tbody>
</table>

2. Agricultural Cooperative Group

<table>
<thead>
<tr>
<th>Total # of members</th>
<th>Male members</th>
<th>Female members</th>
<th>Date of establishment B.E.</th>
<th>Chairperson's name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ban Lek Ti</td>
<td></td>
</tr>
</tbody>
</table>

3. Agricultural / Farmers’ Group

<table>
<thead>
<tr>
<th>Total # of members</th>
<th>Male members</th>
<th>Female members</th>
<th>Date of establishment B.E.</th>
<th>Chairperson's name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ban Lek Ti</td>
<td></td>
</tr>
</tbody>
</table>

4. Thai National Volunteer Defense Group

<table>
<thead>
<tr>
<th>Total # of members</th>
<th>Male members</th>
<th>Female members</th>
<th>Date of establishment B.E.</th>
<th>Chairperson's name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ban Lek Ti</td>
<td></td>
</tr>
</tbody>
</table>

5. Villager Scout Group

<table>
<thead>
<tr>
<th>Total # of members</th>
<th>Male members</th>
<th>Female members</th>
<th>Date of establishment B.E.</th>
<th>Chairperson's name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ban Lek Ti</td>
<td></td>
</tr>
</tbody>
</table>

6. Village Public Health Communicators

<table>
<thead>
<tr>
<th>Total # of members</th>
<th>Male members</th>
<th>Female members</th>
<th>Date of establishment B.E.</th>
<th>Chairperson's name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ban Lek Ti</td>
<td></td>
</tr>
</tbody>
</table>

7. Village Public Health Volunteers

<table>
<thead>
<tr>
<th>Total # of members</th>
<th>Male members</th>
<th>Female members</th>
<th>Date of establishment B.E.</th>
<th>Chairperson's name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ban Lek Ti</td>
<td></td>
</tr>
</tbody>
</table>
8. **Progressive Agriculture Group**

   Total # of members............ Male members....... Female members......
   Date of Establishment B.E......Chairperson's name.........................
   Ban Lek Ti....................... 

9. **Community-based Family Planning Volunteer Group**

   Total # of members............ Male members....... Female members......
   Date of Establishment B.E......Chairperson's name.........................
   Ban Lek Ti....................... 

10. **Agricultural Youth Group**

   Total # of members............ Male members....... Female members......
   Date of Establishment B.E......Chairperson's name.........................
   Ban Lek Ti....................... 

11. **Subdistrict Council Group**

   Total # of members............ Male members....... Female members......
   Date of Establishment B.E......Chairperson's name.........................
   Ban Lek Ti....................... 

12. **Village Defense Volunteer Group**

   Total # of members............ Male members....... Female members......
   Date of Establishment B.E......Chairperson's name.........................
   Ban Lek Ti....................... 

13. **Housewives' Group**

   Total # of members............ Male members....... Female members......
   Date of Establishment B.E......Chairperson's name.........................
   Ban Lek Ti....................... 

14. **Vegetable Garden Group**

   Total # of members............ Male members....... Female members......
   Date of Establishment B.E......Chairperson's name.........................
   Ban Lek Ti.......................
15. **Village Community Development Volunteers**

   Total # of members............. Male members....... Female members......
   Date of Establishment B.E.....Chairperson's name.........................
   Ban Lek Ti.....................


   Total # of members............. Male members....... Female members......
   Date of Establishment B.E.....Chairperson's name.........................
   Ban Lek Ti.....................

17. **Other Group**

   Total # of members............. Male members....... Female members......
   Date of Establishment B.E.....Chairperson's name.........................
   Ban Lek Ti.....................

Which group is currently most active in this village?
Name of group (write the group #)............
Total # of members...................... Chairperson’s name.......................

**Part 11: Health Care and Health Services**

124. Do villagers have any of the following service facilities available in the village? If so, how many?

<table>
<thead>
<tr>
<th>Type</th>
<th>Total #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Private medical clinic</td>
<td>...........</td>
</tr>
<tr>
<td>2. Modern manufactured drugstore</td>
<td>...........</td>
</tr>
<tr>
<td>3. General store that also sells medicine</td>
<td>...........</td>
</tr>
<tr>
<td>4. Subdistrict doctor</td>
<td>...........</td>
</tr>
<tr>
<td>5. Village folk doctor / uncertified doctor / traditional doctor /</td>
<td>...........</td>
</tr>
<tr>
<td>doctor who gives injections</td>
<td></td>
</tr>
<tr>
<td>6. Community-Based Family Planning Volunteers (CBFP)</td>
<td>...........</td>
</tr>
<tr>
<td>7. Village Public Health Volunteer (VHV)</td>
<td>...........</td>
</tr>
<tr>
<td>8. Village Public Health Communicator (VHC)</td>
<td>...........</td>
</tr>
<tr>
<td>9. Traditional midwife with official training</td>
<td>...........</td>
</tr>
<tr>
<td>10. Traditional midwife without official training</td>
<td>...........</td>
</tr>
</tbody>
</table>
12. Midwife center .......... 
13. Subdistrict Health Center (Station) .......... 

125. Do villagers like to go to a subdistrict health center for services? 
1. Yes - write the name 2. No - skip to Q 128 
↓ 
Name of subdistrict health center ................................................................. 
Location of subdistrict health center: Village name / District name ................. 
Village # / District # ...................................................................................
How far is the subdistrict health center from this village?...............km 
How long does it take to get there?.................minutes 
Is there bus service from this village to the subdistrict health center? 
1. Yes 2. No 

126. Do the villagers go to any other subdistrict health centers for service? 
1. Yes 2. No - skip to Q 128 
↓ 
127. To which other subdistrict health center do villagers go most often? 
Name of subdistrict health center ................................................................. 
Location of subdistrict health center: Village name / District name ................. 
Village # / District # ...................................................................................
How far is the subdistrict health center from this village?...............km 
How long does it take to get there?.................minutes 
Is there bus service from this village to the subdistrict health center? 
1. Yes 2. No 

128. To what hospital do villagers go for service? 
Name of hospital ...........................................................................................
Location of hospital: District name......................... District #................... 
How far is the hospital from this village?.................km 
How long does it take to get there?.................minutes 
Is there bus service from this village to the hospital? 
1. Yes 2. No
129. Do the villagers go to any other hospitals for service?
   1. Yes
   2. No - skip to Q 131

130. To which other hospital do the villagers go most often?
   Name of hospital ............................................................
   Location of hospital: District name............... District # / Province #........
   How far is the hospital from this village?.................km
   How long does it take to get there?..................minutes
   Is there bus service from this village to the hospital?
   1. Yes  2. No

131. Have any mobile health units (physician's units) ever come to this village to provide service?
   1. Yes  2. No - skip to Q 144
   ↓

132. Has a mobile health unit that provides vasectomies ever visited this village?
   1. Yes  2. No - skip to Q 135
   ↓

133. What was the first time the mobile health unit that provides vasectomies came to this village? B.E. ............... 

134. When was the last time the mobile health unit that provides vasectomies came to this village? B.E. ............... 

135. Has a mobile health unit that provides contraceptive injections ever visited this village?
   1. Yes  2. No - skip to Q 138
   ↓

136. What was the first time the mobile health unit that provides contraceptive injections came to this village? B.E. ............... 

137. When was the last time the mobile health unit that provides contraceptive injections came to this village? B.E. ...............
138. Has a mobile health unit that provides **contraceptive pills** ever visited this village?

1. Yes  
2. No - skip to Q 141

↓

139. When was the **first time** the mobile health unit that provides **contraceptive pills** came to this village? B.E. .............

140. When was the **last time** the mobile health unit that provides **contraceptive pills** came to this village? B.E. .............

141. Has a mobile health unit that provides **Norplant / contraceptive implant** ever come to this village?

1. Yes  
2. No - skip to Q 144

↓

142. When was the **first time** the mobile health unit that provides **Norplant / contraceptive implant** came to this village? B.E. .............

143. When was the **last time** the mobile health unit that provides **Norplant / contraceptive implant** came to this village? B.E. .............

144. Which method of contraception do the villagers currently use in this village? Rank the most prevalent to the least prevalent from 1-7.

........ Pill  
........ Injection  
........ Vasectomy  
........ Tubal ligation  
........ Condom  
........ Norplant  
........ Natural methods  
........ IUD
Part 12: Land Use

145. How much village land is used for agriculture?
   Land in total.............. rai

146. In 1970, was there forest along the border of this village?
   1. Yes 2. No
   ↓

147. In 1970, in which directions from the village was there forest? (north, south, east, west, northeast, northwest, southeast, southwest)
   ..............................................................................................................................................................................................
   ..............................................................................................................................................................................................
   (Write details and mark the village map)

148. Since 1970, were some of these forested lands cleared?
   1. Yes 2. No - go to Interviewer observations
   ↓

Reasons for changes in the forest:

1. Cleared the forest for rice cultivation
   Yes 1 No 2
2. Cleared the forest for cassava cultivation
   Yes 1 No 2
3. Cleared the forest for other agricultural activities
   Yes 1 No 2
4. Cleared the forest for house construction
   Yes 1 No 2
5. Cleared the forest for temple construction
   Yes 1 No 2
6. Cleared the forest for road construction
   Yes 1 No 2
7. Cleared the forest for sale of lumber
   Yes 1 No 2
8. Cleared the forest for firewood and charcoal
   Yes 1 No 2
9. Cleared the forest for military purposes
   Yes 1 No 2

Interviewer observations:
..............................................................................................................................................................................................
149. Currently, does this village have any forested land left?

1. Yes  
2. No - skip to Q 151

150. How much forest is left and who does it belong to? (If the owners live in this village, write their names.) What is the land used for?

<table>
<thead>
<tr>
<th>Plot #</th>
<th>Total rai**</th>
<th>Current use</th>
<th>Owner's name</th>
<th>Ban Lek Ti / Village #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1. Private</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2. Shared</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

151. Is there anybody who owns land in this village but does not currently live here?

1. Yes  
2. No - skip to Q 153

<table>
<thead>
<tr>
<th>Name</th>
<th>Where do they live?</th>
<th>Total # of rai**</th>
<th>How many rai** do they rent to others?</th>
<th>Land they do not rent out to others</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Village # / District # / Province #</td>
<td></td>
<td></td>
<td>How many rai** are used for some purpose?</td>
</tr>
</tbody>
</table>

**Land area coded in square wah
152. Next, I would like to ask you about the community land in this village, including forest, public agricultural land, large and small ponds, creeks, and any other public land.

1. How many rai in total?
   .................. rai**

2. Where are these lands located and what are they used for (e.g., ponds, mulberry, other...)?

<table>
<thead>
<tr>
<th>Plot</th>
<th>Location</th>
<th>Size</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. How much community land did this village have in 1984 and 1988?
   1984 .................. rai**
   1988 .................. rai**

153. Currently (1994), what is the price of rice land?

**Land area coded in square wah
price ................. baht / rai

154. Currently (1994), what is the price of **cassava** land?
price ................. baht / rai

155. Currently (1994), what is the price of land for **building a house** in the village community?
price ................. baht / rai