

人類生態班 [資料]

CODE: Community-Oriented Development Ecology ProjectCommunity Resource

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Management in Selected Areas in Asia-Pacific Extensive Village Survey
version 4.0 (revised on 1997/10/03+Additional Questions)

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Date of Interview:

Dongbang village and Kokphock village	10/02/2005
Bengkhamlay village and Lahanaum thong village	15/02/2005
Lahanum tha village and Thakamlan village	17/02/2005

Abbreviation:

[Ben= Bengkhamlay, Ton= Lahanaum thong, Tha= Lahanum tha, Tkm= Thakamlan, Don= Dongbang, Kok= Kokphock]

1. Social Background of Respondents

1.2. Social Background of Respondents

(1) Official Position in the Village: for example, village president, village secretary, the president of forest users' committee.

(2) Education: Years of schooling

	Name	Sex	Age	Education ²	Ethnic Group	Occupation	Official Position in the Village ¹
Ben	-	M	58	3	Phouthai	Farmer	chief of village
	-	M	70	2	Phouthai	Farmer	senior org.
	-	M	55	5	Phouthai	Farmer	deputy chief of vill.
	-	M	51	9	Phouthai	Farmer	senior org.
	-	M	45	3	Phouthai	Farmer	LWU
Ton	Sonliyou	M	53	3	Phouthai	Farmer	chief of village
	Soudong	M	75	3	Phouthai	Farmer	senior org.
	Uanna	M	80	2	Phouthai	Farmer	senior org.
	Sieng	M	70	6	Phouthai	Farmer	senior org.
	Somphone	M	50	9	Phouthai	Farmer	zone authority
Tha	Xieng	M	58	3	Phouthai	Farmer	chief of village
	Kuang	M	70	2	Phouthai	Farmer	senior org.
	Bounsone	M	55	5	Phouthai	Farmer	VHV
	Thong	F	51	9	Phouthai	Farmer	LWU
Tkm	Ngeun	M	51	15	Phouthai	Farmer	chief of village
	Chanthavi	M	70	-	Phouthai	Farmer	senior org.
	Souan	M	63	2	Phouthai	Farmer	senior org.
	Lathanabong	F	49	6	Phouthai	Farmer	VHV, LWU
Don	-	M	54	5	Phouthai	Farmer	chief of village
	-	M	52	3	Phouthai	Farmer	deputy chief of vill.
	-	M	72	-	Phouthai	Farmer	senior org.
	-	M	48	9	Phouthai	Farmer	LWU
Kok	-	M	52	5	Phouthai	Farmer	chief of village
	-	M	48	3	Phouthai	Farmer	deputy chief of vill.
	-	M	68	2	Phouthai	Farmer	senior org.
	-	F	51	5	Phouthai	Farmer	LWU
	-	F	38	5	Phouthai	Farmer	LWU

2. Village

2.1. Name of the village:

<input type="checkbox"/> Ben	Bengkhamlay
<input type="checkbox"/> Ton	Lahanam Thong
<input type="checkbox"/> Tha	Lahanam Tha
<input type="checkbox"/> Tkm	Thakhamlian
<input type="checkbox"/> Don	Dongbang
<input type="checkbox"/> Kok	Kokphok

2.2. Is this village an administrative unit? Please localize this question before conducting survey.

1. Yes 2. Smaller than an administrative unit 3. Larger than an administrative unit

<input type="checkbox"/> Ben	1
<input type="checkbox"/> Ton	1
<input type="checkbox"/> Tha	1
<input type="checkbox"/> Tkm	1
<input type="checkbox"/> Don	1
<input type="checkbox"/> Kok	1

2.3. Does it have a village president (chairman, head, leader)?

1. Yes 2. No

If 1. Yes, how do you choose a president (chairman, head, leader)?

- a. Election by all adult villagers b. Election by some of adult villagers
c. Mutual agreement among villagers (discussion, recommendation, etc.) d. Appointment by the government

<input type="checkbox"/> Ben	1	a
<input type="checkbox"/> Ton	1	a
<input type="checkbox"/> Tha	1	a
<input type="checkbox"/> Tkm	1	a
<input type="checkbox"/> Don	1	a
<input type="checkbox"/> Kok	1	a

2.4. Major ethnic/religious/caste groups:

	Ethnic/Religious/Caste Name	Percentage	
<input type="checkbox"/> Ben	Lao Buddhism	80	100
	Phouthai Buddhism	20	100
<input type="checkbox"/> Ton	Phouthai Buddhism	100	100
<input type="checkbox"/> Tha	Phouthai Buddhism	100	100
<input type="checkbox"/> Tkm	Phouthai Buddhism	100	100
<input type="checkbox"/> Don	Phouthai Buddhism	100	100
<input type="checkbox"/> Kok			

2.5. Was there any ethnic/religious crush (with injured/killed persons) in this village in these 10 years?

1. Yes, very serious ones 2. Yes, small ones 3. No

<input type="checkbox"/> Ben	3
------------------------------	---

Ton	3
Tha	3
Tkm	3
Don	3
Kok	3

M1. Is there any ethnic antagonism in the village, now?

1. No 2. Only a little 3. Yes, but without violence 4. Yes, serious antagonism with violence

Ben	1
Ton	1
Tha	1
Tkm	1
Don	1
Kok	1

M2. What is the recent situation of antagonism?

1. More serious than before 2. No large changes 3. Less serious than before
4. No such problems exist.

Ben	4
Ton	4
Tha	4
Tkm	4
Don	4
Kok	4

2.1. Village area

Answer in hectare or any unit convertible into hectare.

2.1.1. Total area:

Ben	696.12 ha
Ton	1.536ha
Tha	566.78 ha
Tkm	317 ha
Don	219.8 ha
Kok	242ha

2.1.2. Agricultural area including fallow area:

Ben	374.8 ha
Ton	513.26 ha
Tha	443.3 ha
Tkm	5.4 ha
Don	21.541 ha
Kok	0

How large of agricultural area is under fallow currently?

Ben	120.34
Ton	0
Tha	0
Tkm	252 ha
Don	67.62 ha
Kok	0

2.1.3. Grassland area:

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

2.1.4. Forest area:

Ben	11.34 ha
Ton	-
Tha	113.81 ha
Tkm	2.3 ha
Don	147.79 ha
Kok	-

2.1.5. Waste land (non-arable) area:

Ben	-
Ton	-
Tha	-
Tkm	17 ha
Don	-
Kok	-

2.2. Population/Households

2.2.1. Total population in the village:

	Now	10 years ago	20 years ago
Ben	951	450	200
Ton	1,319	1,100	700
Tha	1,025	600	350
Tkm	546	350	200
Don	237	112	70
Kok	267	180	100

2.2.2. Number of households in the village:

	Now	10 years ago	20 years ago
Ben	167	80	30
Ton	205	120	110
Tha	149	100	50
Tkm	82	53	35
Don	39	20	12
Kok	42	30	17

2.2.3. Number (or percentage) of households out-migrated from the village over the last ten years (count the cases when whole household members moved out permanently):

Ben	0.1 %
Ton	50 households
Tha	6 households
Tkm	11 households
Don	0
Kok	0.9%

2.2.4. Number (or percentage) of households migrated in the village from outside over the last ten years (count the cases when whole household members settled in the village):

Ben	20.3 households
Ton	0
Tha	0
Tkm	0
Don	14 households
Kok	0

2.2.5. How do villagers evaluate the size/density of the village?

	1. too much	2. suitable	3. too little
Ben	2		
Ton	1		
Tha	2		
Tkm	2		
Don	3		
Kok	3		

M7. What is the effect of population change on village life ? (in these 20 years)? (Specify the effect(s) if any)

	1. very good effects	2. good effects	3. no/little effects	4. bad effects	5. very bad/serious effects
Ben	1	(-)			
Ton	1	(-)			
Tha	1	(-)			
Tkm	1	(-)			
Don	1	(-)			

Kok 1 (-)

2.3. Location (distance from local government)

In small countries such as Nepal, you can assume that the state capital means the country's capital. Otherwise, state is the largest local administrative unit.

Please answer the most popular way to go to the capital city. If villagers combine several ways (for example, they walk to the bus stop and then take a bus), please select both walk and bus.

2.3.1. Distance from State (or Province) Capital:

Ben	Name of the city	Savannakhet						
	Distance	81 km						
	Traveling time:	2 hours	3. bus	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	30,000 kip						
Ton	Name of the city	Savannakhet						
	Distance	84 km						
	Traveling time:	2 hours	3. bus	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	30,000 kip						
Tha	Name of the city	Savannakhet						
	Distance	84 km						
	Traveling time:	2 hours	3. bus	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	30,000 kip						
Tkm	Name of the city	Savannakhet						
	Distance	87 km						
	Traveling time:	2 hours	3. bus	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	30,000 kip						
Don	Name of the city	Savannakhet						
	Distance	92 km						
	Traveling time:	2 hours	3. bus	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	30,000 kip						
Kok	Name of the city	Savannakhet						
	Distance	90 km						
	Traveling time:	2.5 hours	3. bus	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	30,000 kip						

2.3.2. Distance from District Capital:

Ben	Name of the city	Paksong						
	Distance	6 km						
	Traveling time:	10 minutes	3. bus	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	3,000 kip						
Ton	Name of the city	Paksong						
	Distance	9 km						
	Traveling time:	20 minutes	3. bus	(1. walk	2. cycling	3. bus	4. rail	5. other)

	How much does it cost?	5,000 kip						
Tha	Name of the city	Paksong						
	Distance	9 km						
	Traveling time:	20 minutes	3. bus	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	5,000 kip						
Tkm	Name of the city	Paksong						
	Distance	9 km						
	Traveling time:	15 minutes	3. bus	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	5,000 kip						
Don	Name of the city	Paksong						
	Distance	12 km						
	Traveling time:	30 minutes	3. bus	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	10,000 kip						
Kok	Name of the city	Paksong						
	Distance	9						
	Traveling time:	30 minutes	3. bus	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	10,000 kip						

2.3.3. Distance from Block Headquarters: (or distance from Zone Headquarter)

Ben	Name of the city	Lahanam						
	Distance	3 km						
	Traveling time:	5 minutes	2. cycling	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	1,000 kip						
Ton	Name of the city	Lahanam						
	Distance	0 km						
	Traveling time:	5 minutes	1. walking	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	-						
Tha	Name of the city	Lahanam						
	Distance	0 km						
	Traveling time:	5 minutes	1. walking	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	-						
Tkm	Name of the city	Lahanam						
	Distance	0 km						
	Traveling time:	7 minutes	1. walking	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	-						
Don	Name of the city	Lahanam						
	Distance	2 km						
	Traveling time:	20 minutes	1. walking	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	-						
Kok	Name of the city	Lahanam						
	Distance	0.8 km						
	Traveling time:	06 minutes	1. walking	(1. walk	2. cycling	3. bus	4. rail	5. other)
	How much does it cost?	-						

2.4 Infrastructure

Are the followings available within the village? If available, how many years has it been available? If not available, how far from the village is the nearest available one located?

2.4.1. Accessibility by vehicles (all season)

	1. Yes _____ years	2. No _____ km
<input type="checkbox"/> Ben	1 48 years	
<input type="checkbox"/> Ton	1 80 years	
<input type="checkbox"/> Tha	1 80 years	
<input type="checkbox"/> Tkm	1 70 years	
<input type="checkbox"/> Don	1 28 years	
<input type="checkbox"/> Kok	1 10 years	

2.4.2. Accessibility by vehicles (seasonal)

	1. Yes _____ years	2. No _____ km
<input type="checkbox"/> Ben	-	
<input type="checkbox"/> Ton	-	
<input type="checkbox"/> Tha	-	
<input type="checkbox"/> Tkm	-	
<input type="checkbox"/> Don	-	
<input type="checkbox"/> Kok		

2.4.3. Public transportation:

	1. Yes _____ years (type _____)	2. No _____ km
<input type="checkbox"/> Ben	-	
<input type="checkbox"/> Ton	-	
<input type="checkbox"/> Tha	-	
<input type="checkbox"/> Tkm	-	
<input type="checkbox"/> Don	-	
<input type="checkbox"/> Kok		

2.4.4. Electricity

	1. Yes _____ years	2. No _____ km
<input type="checkbox"/> Ben	1 6 years	
<input type="checkbox"/> Ton	1 10 years	
<input type="checkbox"/> Tha	1 8 years	
<input type="checkbox"/> Tkm	1 7 years	
<input type="checkbox"/> Don	1 8 years	
<input type="checkbox"/> Kok	1 7 years	

Percentage of households that receive the electricity at home: _____ %

<input type="checkbox"/> Ben	100 %
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Ton	100%
Tha	97%
Tkm	100%
Don	74.3%
Kok	100%

2.4.5. Public telephone

	1. Yes _____ years	2. No _____ km
Ben	1 (Mobile) 1 year	
Ton	1 (Mobile) 2 years	
Tha	1 (Mobile) 1 year	
Tkm	1 (Mobile) 1 year	
Don	1 (Mobile) 2 year	
Kok	1 (Mobile) 1 year	

2.4.6. Main market for agricultural products:

	1. Yes _____ years	2. No _____ km
Ben	2 -	
Ton	2 -	
Tha	2 -	
Tkm	2 -	
Don	2 -	
Kok	2 -	

M9. Is there any industrial factory/manufacturing the village?

	1. No	2. Yes (Specify: _____)
Ben	1	
Ton	1	
Tha	1	
Tkm	1	
Don	1	
Kok	1	

M9-1 Has the industrial factory/manufacture(s) effects on environment?

	1. No	2. Yes: (1. air pollution	2. water pollution	3. soil pollution	4. solid disposal (waste)	5. others (Specify))
Ben	1					
Ton	1					
Tha	1					
Tkm	1					
Don	1					
Kok	1					

2.5 Life and Environment

2.5.1. How many households (or percentage of households) in the village have television set?

Ben	81 %
Ton	95 %
Tha	91.2 %
Tkm	100 %
Don	14 households
Kok	52 %

2.5.2. How many households (or percentage of households) in the village have a bicycle?

Ben	100 %
Ton	100 %
Tha	100 %
Tkm	100 %
Don	92 %
Kok	100 %

2.5.3. How many households (or percentage of households) in the village have a motor cycle?

Ben	50 %
Ton	30 %
Tha	39 %
Tkm	26 households
Don	10.25 %
Kok	14.2 %

2.5.4. How many households (or percentage of households) in the village have an automobile?

Ben	0.2 %
Ton	7 %
Tha	5.3 %
Tkm	0 %
Don	0 %
Kok	0 %

2.5.5.1 What percentage of adult men smoke? _____ %

Ben	80 %
Ton	50 %
Tha	90 %
Tkm	50 %
Don	95 %
Kok	90 %

2.5.5.2 What percentage of adult women smoke? _____ %

Ben	0.5 %
-----	-------

Ton	0%
Tha	1.9%
Tkm	0%
Don	0%
Kok	1%

2.5.6.1 What percentage of adult men drink? _____ %

Ben	90%
Ton	70%
Tha	85%
Tkm	20%
Don	99%
Kok	90%

2.5.6.2 What percentage of adult women drink? _____ %

Ben	50%
Ton	30%
Tha	80%
Tkm	10%
Don	50%
Kok	40%

For the following questions, give villagers' general assessment on the quality of environment/life.
Select a number defined below the table.

2.5.7. Environment/Life Assessment

(1) 1=very serious, 2=a little serious, 3=not so serious

(2) 1=worsened very much, 2=worsened, 3=no/little change, 4=improved, 5=improved very much

Ben	(1) current condition	(2) change from 10 years ago
air pollution	1	2
pollution in drinking water	3	4
soil degradation	2	2
forest destruction	2	2
malnutrition of children	3	4
epidemic diseases (specify)	-	-
poverty	-	-
jobless	-	-
Ton	(1) current condition	(2) change from 10 years ago
air pollution	3	4
pollution in drinking water	3	4
soil degradation	2	2
forest destruction	3	4
malnutrition of children	3	4

epidemic diseases (specify)	3	(malaria, diarrhea)	4
poverty	3		4
jobless	3		4
Tha	(1) current condition		(2) change from 10 years ago
air pollution	3		2
pollution in drinking water	3		2
soil degradation	2		2
forest destruction	2		2
malnutrition of children	3		4
epidemic diseases (specify)	3	(diarrhea)	4
poverty	3		4
jobless	3		4
Tkm			
air pollution	2		2
pollution in drinking water	3		4
soil degradation	2		2
forest destruction	3		3
malnutrition of children	3		4
epidemic diseases (specify)	3		3
poverty	3		3
jobless	1		3
Don			
air pollution	2		3
pollution in drinking water	3		4
soil degradation	2		2
forest destruction	3		4
malnutrition of children	3		3
epidemic diseases (specify)	3		4
poverty	3		4
jobless	3		3
Kok	(1) current condition		(2) change from 10 years ago
air pollution	2		2
pollution in drinking water	3		4
soil degradation	2		2
forest destruction	3		4
malnutrition of children	3		5
epidemic diseases (specify)	3		5
poverty	3		4
jobless	3		4

2.6 Education

2.6.1 Percentage of adult population who can write and read:

	adult male	adult female
Ben	100 %	100 %
Ton	80 %	50 %
Tha	90 %	80 %
Tkm	80 %	70 %
Don	50 %	30 %
Kok	80 %	60 %

2.6.2. Percentage of adult population who can write at least one's own name (this includes above):

	adult male	adult female
Ben	100 %	100 %
Ton	85 %	55 %
Tha	100 %	100 %
Tkm	-	-
Don	75 %	50 %
Kok	90 %	70 %

2.6.3. How many years on average do children in this village go to school:

	boy	girl
Ben	7	7
Ton	7	7
Tha	7	7
Tkm	8	8
Don	6	6
Kok	5	5

2.6.4. Percentage of primary school-age children of the village who are attending school:

	boy	girl
Ben	71 %	71 %
Ton	100 %	100 %
Tha	149 persons	120 persons (could not estimate in percentage)
Tkm	100 %	100 %
Don	100 %	100 %
Kok	100 %	100 %

2.6.5. Location of the nearest primary school: _____ km

Ben	< 1 km
Ton	< 1 km
Tha	< 1 km
Tkm	< 1 km
Don	< 1 km
Kok	< 1 km

How many years has it been located? _____ years

Ben	50 years
Ton	22 years
Tha	60 years
Tkm	10 years
Don	10 years
Kok	20 years

2.6.6. Location of the nearest secondary or middle school: _____ km

Ben	4 km
Ton	< 1km
Tha	< 1 km
Tkm	0.5 km
Don	1.5 km
Kok	0.8 km

How many years has it been located? _____ years

Ben	33 years
Ton	22 years
Tha	22 years
Tkm	30 years (since 1975)
Don	30 years (since 1975)
Kok	30 years(since 19975)

2.6.7. Number of high-school graduates currently living in the village

	male	female
Ben	20	10
Ton	54	42
Tha	42	34
Tkm	20	30
Don	7	13
Kok	15	20

2.6.8. Number of college/university graduates currently living in the village

	male	female
Ben	-	-
Ton	-	-
Tha	-	-
Tkm	13	7
Don	-	1
Kok	-	-

2.6.9. Please tell how many years one has to go to school to complete?

	primary school	secondary/middle school	high school
Ben	5 years	6 years	-

Ben	5 years	6 years	-
Ton	5 years	6 years	-
Tha	5 years	6 years	-
Tkm	5 years	6 years	-
Don	5 years	6 years	7 years
Kok	5 years	6 years	-

2.7 Climate

2.7.1. In these ten years, how often did this village suffer from drought?

Ben	1 time
Ton	3 times
Tha	1 time
Tkm	0
Don	0
Kok	0

2.7.1.1. How serious was the most serious drought in these ten years? Specify the percentage of agricultural production to that in normal year: _____%

Ben	90 %
Ton	50 %
Tha	60 %
Tkm	-
Don	-
Kok	-

2.7.1.2. In those drought years, what kind of action did villagers take? Specify:

Ben	employee, selling animals, food exchange with another villages
Ton	doing dry season rice field
Tha	doing dry season rice field
Tkm	-
Don	-
Kok	

2.7.2. In these ten years, how often did this village suffer from flood? _____

Ben	-
Ton	3 times
Tha	2 times
Tkm	2 times
Don	2 times
Kok	5 times

2.7.2.1. How serious was the most serious flood in these ten years? Specify the percentage of agricultural production to that in normal year: _____%

Ben -
 Ton 50 %
 Tha 80 %
 Tkm 20 %
 Don 50 %
 Kok 50 %

2.7.2.2. In those flood years, what kind of action did villagers take? Specify:

Ben -
 Ton doing dry season rice field, planting corn, cotton
 Tha doing dry season rice field
 Tkm -
 Don employee in outside of village
 Kok selling animals, borrow the money for doing private business

The following information may not be available at the village level. In that case, regional weather data should be used instead.

2.7.3. Average yearly rainfall: _____ mm (based on how many years? _____)

Ben -
 Ton -
 Tha -
 Tkm -
 Don -
 Kok -

2.7.4. Standard Deviation of yearly rainfall: _____ (based on how many years? _____)

Ben -
 Ton -
 Tha -
 Tkm -
 Don -
 Kok -

2.7.5. Temperatures:

Yearly average: _____

Ben -
 Ton -
 Tha -
 Tkm -
 Don -
 Kok -

The highest monthly average: _____, which month? _____

Ben - -

Ton	-	-
Tha	-	-
Tkm	-	-
Don	-	-
Kok	-	-

The lowest monthly average: _____, which month? _____

Ben	-	-
Ton	-	-
Tha	-	-
Tkm	-	-
Don	-	-
Kok	-	-

2.8 Credit

2.8.1. What kind of credit or loan is available in the village?

- | | |
|---|--|
| 1. commercial bank (formal financial institution) | 2. cooperative bank (formal financial institution) |
| 3. government bank (formal financial institution) | 4. money lender in the village (informal) |
| 5. money lender outside the village (informal) | 6. informal credit within villagers |
| 7. nothing | |

Ben	7	
Ton	2	(agricultural bank)
Tha	2	(agricultural bank)
Tkm	3	
Don	7	
Kok	7	

2.8.2. What percentage of households can access formal credit (1, 2, 3 above)? _____%

Ben	-
Ton	100 %
Tha	10 %
Tkm	100 %
Don	-
Kok	-

3 Agriculture

3.1 Land ownership

3.1.1. Number (or percentage) of households in the village whose income is mainly from occupations other than agriculture:

Ben	1.79 %
Ton	2 %
Tha	5 households
Tkm	1 household
Don	0
Kok	0

3.1.2. Number (or percentage) of households in the village whose income is mainly from agriculture (this includes land-owners, tenants, landless agricultural laborers):

*Please make sure that the sum of (a) and (b) is the total number of households in the village.

Ben	98.2 %
Ton	98 %
Tha	144 households
Tkm	100 %
Don	100 %
Kok	100%

3.1.3. Classify the Agricultural Households (3.1.2 above) as follows:

	Land Owner	Owner/Tenant	Tenant	Landless
Ben	98 %	-	2 %	2 %
Ton	100 %	-	5.8 %	-
Tha	90 %	-	2 %	10 %
Tkm	100 %	-	10 %	0 %
Don	100 %	-	-	-
Kok	100%	0.2%	-	-

Approximate numbers or percentages.

Land owner: a household who cultivates and/or leases out its own agricultural land.

Owner/Tenant: a tenant household who also has its own agricultural land.

Tenant: a tenant household who does not have its own agricultural land.

Landless: a household who works on others agricultural land as a wage-laborer.

3.1.4. Number (or percentage) of land owners who do not cultivate their own land at all (in other words, who lease out all the owned land):

Ben	1.19 %
Ton	2 %
Tha	0%
Tkm	0 %
Don	5.12 %
Kok	0%

3.1.5. How large area does the largest land owner in the village have? _____ ha

Ben	15 ha
Ton	15 ha
Tha	15 ha
Tkm	8 ha
Don	12 ha
Kok	25ha

3.1.6. Has a land reform been implemented in this village?

1. yes 2. no

Ben	2
Ton	2
Tha	2
Tkm	2
Don	1
Kok	2

3.1.7. Percentage of each type of tenancy in the village

1. lease (fixed amount of rent) 2. share (fixed rate of rent)

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

In the case of 1. lease, how much is the rent per ha?

a. irrigated land b. unirrigated land

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

In the case of 2. share, how much (%) is the share for tenant?

a. irrigated land b. unirrigated land

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

3.1.8. Market price of agricultural land (per ha or other units convertible to ha)

a. irrigated land b. unirrigated land

Ben	10,000,000 kip	5,000,000 kip
Ton	15,000,000 kip	5,000,000 kip
Tha	16,000,000 kip	8,000,000 kip
Tkm	26,000,000 kip	12,000,000 kip
Don	100,000 ThB/ha	8,000 ThB/ha
Kok	13,000,000kip/ha	8,000,000kip/ha

3.2 Technology

3.2.1. Percentage of households (against agricultural households excluding landless, see table 3.1.3) who use animals to plough:

Ben	18 %
Ton	0 %
Tha	13 %
Tkm	6 %
Don	92 %
Kok	72%

3.2.1.1. What kind of animals are used?

Ben	buffalo
Ton	-
Tha	buffalo
Tkm	buffalo
Don	buffalo
Kok	buffalo

3.2.1.2. Out of the households using animals to plough, what percentage of them own the ploughing animals: _____ %

Ben	100 %
Ton	-
Tha	95%
Tkm	100 %
Don	100 %
Kok	88%

3.2.1.3. Is there rental market of ploughing animals?

	1. Yes	2. No	If 1. Yes, how much is it to rent ploughing animals per day?
Ben	2		
Ton	2		
Tha	2		
Tkm	2		
Don	2		
Kok	2		

3.2.2. Percentage (or number) of households (against agricultural households excluding landless, see table 3.1.3) who use tractor?

Ben	82%
Ton	100%
Tha	87%
Tkm	94%
Don	8%
Kok	28%

3.2.2.1. Out of the households using tractor, what percentage (or number) of households own the tractor?

Ben	65%
Ton	100%
Tha	40%
Tkm	27%
Don	100%
Kok	100%

3.2.2.2. Is there rental market of tractor?

	1. Yes	2. No	If 1. Yes, how much is it to rent a tractor per hour?
Ben	2		
Ton	2		
Tha	2		
Tkm	1	500,000 kip/ha	
Don	2		
Kok	2		

3.2.3. Agricultural labor wage per day in the case of daily contract in the village:

	1. male	2. female
Ben	7	50
Ton	0	0
Tha	10	20
Tkm	10	20
Don	0	0
Kok	5	30

3.2.4. Agricultural labor wage per day in the case of daily contract outside the village:

	1. male	2. female
Ben	10	60
Ton	0	0
Tha	0	0
Tkm	0	0
Don	20	30
Kok	0	0

3.2.5. Average use of manure: _____ kg/ha (Specify for which crops)

Ben	don't know	
Ton	don't know	
Tha	could not calculate	used for growing rice
Tkm	don't use	
Don	-	
Kok	-	

3.2.6 Average Use of Chemical Fertilizers:

	type of chemical fertilizer	average use (kg/ha)	price per kg
Ben	16.20.0	200 kg/ha	2,800 kip/kg
	16.88	-	-
Ton	16.20.0	300 kg/ha	3,800 kip/kg
	46.00	-	-
Tha	16.20.0	100 kg/ha	4,000 kip/kg
	46.00	-	-
Tkm	16.20.0	100 kg/ha	3,900 kip/kg
	46.00		
Don	16.20.0	100 kg/ha	3,640 kip/kg
	46.00		
Kok	16.20.0	100kg/ha	3.600kip/kg
	46.00		

*Please list only popular ones.

3.3 Agricultural Products

In tables 3.3.1. and 3.3.2., please list major food crops and cash crops in the village. Do not include minor crops/vegetables.

3.3.1. Major agricultural products on rainfed (unirrigated) land (irrigated crops are on the next page)

	(1) percentage agricultural households	(2) growing season	(3) # of harvest in a year	(4) normal yield (kg/ha)	(5) % of high yield variety	(6) normal price after harvest per kg	(7) commercial percentage	(8) commercial percentage 10 years ago
Ben								
1	15 %	Nov.-Jun.	50,000,000 kg	-	70,000,000	5000	100 %	90%
Ton								
1	50 %	Nov.	10,000 kg	100 kg/ha	120 kg/ha	3,200 kip/kg	30 %	0
2	50 %	Nov.	50,000,000 kip	-	60,000,000kip	1,000 kip/kg	90 %	0
3	50 %	Nov.-May.	1,000 kg	-	2,000 kg/y	25,000 kip/kg	70 %	0
Tha								
1	13 %	Nov.	12,000,000 kip	-	20,000,000kip	1,500 kip/kg	95 %	0
2	13 %	Nov.	800 kg	-	1,000 kg/ha	3,000 kip/kg	60 %	0
Tkm								
1	60 %	Nov.-Feb.	1,800 kg	-	-	4,000 kip/kg	0	0
2	30 %	Nov.-Feb.	1,000 kg	-	-	15,000 kip/kg	100 %	0
3	30 %	Nov.-Feb.	-	-	-	-	0	0
Don								
1	10 %	Nov.-Apr.	1 t	1 t/ha	-	2,000 kip/kg	90 %	10
2	10 %	Nov.-Apr.	1.5 t	1.5 t/ha	-	2,000 kip/kg	95 %	-
3	10 %	Nov.-May.	180 kg	200 kg/ha	-	4,000 kip/kg	50 %	-
Kok								

None

(1) Percentage of households who grow this product against total agricultural households (excluding landless)

(2) Answer like rainy season, dry season, no seasonality, and so on

(3) Tell us how many times villagers harvest this product in a year

(5) If some villagers use high yield variety, specify the percentage of such households against total growers of this crop (that is, adoption rate)

(7) Percentage of production that is sold for commercial purpose

(8) Percentage of production that was sold for commercial purpose 10 years ago

3.3.2. Major agricultural products on irrigated land (unirrigated crops are on the previous page)

	(1) percentage agricultural households	(2) growing season	(3) # of harvest in a year	(4) normal yield (kg/ha)	(5) % of high yield variety	(6) normal price after harvest per kg	(7) commercial percentage	(8) commercial percentage 10 years ago
Ben								
1	98 %	May.-Nov.	5,655t	3,000 kg/ha	4,000 kg/ha	1,000 kip	10 %	1 %
Ton								
1	98 %	Jun.-Jan.	1,539t	3,000 kg/ha	4,000 kg/ha	800 kip	30 %	0 %
Tha								
1	87 %	Jun.-Jan.	1,665t	3,000 kg/ha	3.5 t/ha	1,000 kip	60 %	0 %
Tkm								
1	98.7 %	Jun., Nov.	945t	3,000 kg/ha	3.5 t/ha	1,000 kip	20 %	0 %
Don								
1	100 %	Jun.	4 t/ha	4 t/ha	4t/ha	1,000 kip	20 %	-
Kok								
	100%	Jun	150 tons	2t/ha	3.5t/ha	1000 kip	10%	2%

(1) Percentage of households who grow this product against total agricultural households (excluding landless)

(2) Answer like rainy season, dry season, no seasonality, and so on

(3) Tell us how many times villagers harvest this product in a year

(5) If some villagers use high yield variety, specify the percentage of such households against total growers of this crop (that is, adoption rate)

(7) Percentage of production that is sold for commercial purpose

(8) Percentage of production that was sold for commercial purpose 10 years ago

What is the most important staple food in this village? List three products in the table below, and answer the following questions for each product:

3.3.3. Yield Change in Staple Food Crops (questions are below the table)

	staple food crop	(1) enough to feed the village?	(2) yield change	(3) 10 years ago	(4) reason for being improved	(5) reason for being worsened
Ben						
1	rice	a	a	2 t/ha	used technology Used Chemical fertilizers Land extended	-
Ton						
1	rice	a	a	8 t/ha	irrigation, using chemical fertilizer, land extension	-
Tha						
1	rice	a	a	3 t/ha	using chemical fertilizer, land extension	-
Tkm						
1	rice	a	a	a	using high tech, chemical fertilizer, land extension	-
Don						
1	rice	b	a	3.5 t/ha	using chemical fertilizer	-
Kok						
	Rice	b	b	800kg/ha	a,b	

- (1) Does this village always produce enough those products to feed the village?
 - a. yes, always
 - b. not always, but sometimes
 - c. no, never
- (2) Has the yield of those crops listed above changed in these ten years?
 - a. improved
 - b. unchanged
 - c. worsened
- (3) What was the approximate yield (kg/ha) ten years ago?
- (4) If improved, what is the reason?
 - a. introduction of high yield varieties
 - b. use more chemicals
 - c. use more manure
 - d. increase of water availability
 - e. others (specify)
- (5) If worsened, what is the reason?
 - a. soil degradation
 - b. short or no fallow
 - c. use less chemicals
 - d. use less manure
 - e. decrease of water availability
 - f. others (specify)

3.4 Livestock (number and price for sale of animals)

3.4.1. Number of Livestock

animal	number in the village now	number in the village 10 years ago	price per one when sold now	Type of feeding (grazing or stall)	Source of feed when stall-fed
<u>Ben</u>					
1 oxen	163	300	1,300,000 kip		
2 cows	-				
3 buffaloes	105	250	5,000,000 kip		
4 sheep	-				
5 goats	32	0	300,000 kip		
6 pigs	126	200	700,000 kip		
<u>Ton</u>					
1 oxen	502	200	1,500,000 kip		
2 cows	-				
3 buffaloes	306	1,800	3,000,000 kip		
4 sheep	-				
5 goats	387	0	300,000 kip		
6 pigs	217	130	1,300,000 kip		
<u>Tha</u>					
1 oxen	452	800	1,500,000 kip		
2 cows	-				
3 buffaloes	145	220	3,000,000 kip		
4 sheep	-				
5 goats	82	0	300,000 kip		
6 pigs	127	200	1,200,000 kip		
<u>Tkm</u>					
1 oxen	230	500	1,300,000 kip		
2 cows	-				
3 buffaloes	170	250	3,000,000 kip		
4 sheep	-				
5 goats	58	0	300,000 kip		
6 pigs	50	150	500,000 kip		
<u>Don</u>					
1 oxen	59	100	1,300,000 kip		
2 cows	-				
3 buffaloes	40	70	3,900,000 kip		
4 sheep	-				

5	goats	25	0	300,000 kip
6	pigs	10	100	-
	Kok			
1	oxen	200	400	1,800,000 kip
2	cows	-		
3	buffaloes	25	100	4,000,000 kip
4	sheep	-		
5	goats	35	0	390,000 kip
6	pigs	30	100	700,000 kip

3.4.2. Price of cow/buffalo milk:

Ben	(never used)
Ton	(never used)
Tha	(never used)
Tkm	(never used)
Don	(never used)
Kok	(never used)

Approximate number (or percentage) of households who sell milk:

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

Approximate number (or percentage) of households who buy milk:

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

3.4.3. Approximate number (or percentage) of households who have at least one ox:

Ben	-
Ton	-
Tha	-

Tkm	-
Don	-
Kok	-
Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

How many oxen does the largest ox-holder have?

3.4.4. Approximate number (or percentage) of households who have at least one cow:

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

How many cows does the largest cow-holder have?

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

3.4.5. Approximate number (or percentage) of households who have at least one buffalo:

How many buffaloes does the largest buffalo-holder have?

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

3.4.6. Approximate number (or percentage) of households who have at least one sheep:

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

How many sheep does the largest sheep-holder have?

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

3.4.7. Approximate number (or percentage) of households who have at least one goat:

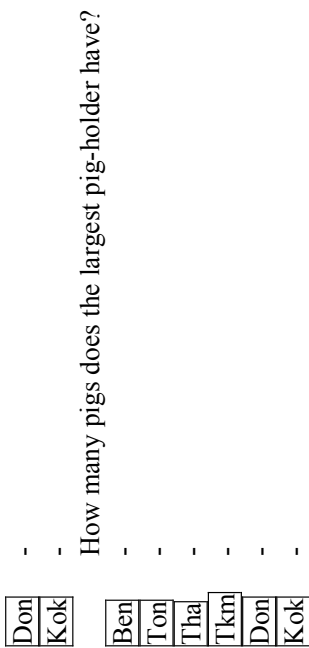
Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

How many goats does the largest goat-holder have?

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

3.4.8. Approximate number (or percentage) of households who have at least one pig:

Ben	-
Ton	-
Tha	-
Tkm	-



4 Non-agricultural activities and non-local activities

4.1. Number (or percentage) of households who have local non-agricultural business or employment:

Ben	1.7 %
Ton	3 %
Tha	13 %
Tkm	6.09 %(1 rice mill, 3 shops, 1 furniture)
Don	0.2 %
Kok	0

4.1.1. Give percentage to each type of local business/employment (including temporal/seasonal ones):

Ben	Private non-agricultural business	17 %	
	Private non-agricultural employment	-	
	Government employment (forest)	-	
	Government employment (construction)	-	
	Government employment (others)	-	(specify: 5 teachers, 1 medical staff)
Ton	Private non-agricultural business	3 %	
	Private non-agricultural employment	-	
	Government employment (forest)	-	
	Government employment (construction)	-	
	Government employment (others)	-	(specify: 15 teachers)
Tha	Private non-agricultural business	-	
	Private non-agricultural employment	13 %	(specify: trading, construction, restaurant)
	Government employment (forest)	-	
	Government employment (construction)	-	
	Government employment (others)	-	(specify: 21 teachers)
Tkm	Private non-agricultural business	-	
	Private non-agricultural employment	-	
	Government employment (forest)	-	
	Government employment (construction)	-	
	Government employment (others)	-	(specify: 6 teachers, 2 polices, 2 agriculture staffs)
Don	Private non-agricultural business	0.2 %	
	Private non-agricultural employment	-	
	Government employment (forest)	-	
	Government employment (construction)	-	
	Government employment (others)	-	(specify: 1 teacher, 1 electricity staff)
Kok			

4.2. Number (or percentage) of households some of whose members seasonally out-migrate:

Ben	90 %
Ton	30 %
Tha	53 %
Tkm	70 persons
Don	0
Kok	0

4.2.1. Give percentage to each type of non-local business/employment:

Ben	Private non-agricultural business:	-
	Private non-agricultural employment:	100 % (specify: house workers, construction)
	Private agricultural employment:	-
	Government employment (forest) :	-

Government employment (construction) :	-
Government employment (others) :	-
<u>Ton</u>	
Private non-agricultural business:	-
Private non-agricultural employment:	5 % (specify: Construction)
Private agricultural employment:	95 %
Government employment (forest) :	-
Government employment (construction) :	-
Government employment (others) :	-
<u>Tha</u>	
Private non-agricultural business:	-
Private non-agricultural employment:	100 % (specify: weaving)
Private agricultural employment:	-
Government employment (forest) :	-
Government employment (construction) :	-
Government employment (others) :	-
<u>Tkm</u>	
Private non-agricultural business:	-
Private non-agricultural employment:	100 % (specify: weaving, construction)
Private agricultural employment:	-
Government employment (forest) :	-
Government employment (construction) :	-
Government employment (others) :	-
<u>Don</u>	
Private non-agricultural business:	-
Private non-agricultural employment:	-
Private agricultural employment:	-
Government employment (forest) :	-
Government employment (construction) :	-
Government employment (others) :	-
<u>Kok</u>	
Private non-agricultural employment:	-
Private agricultural employment:	-
Government employment (forest) :	-
Government employment (construction) :	-
Government employment (others) :	-

5 Community Resources Management (village name)

5.1. Forest

5.1.1. Legal Ownership of the Forest Land in the Village

(a) Give land area for each type of forest

(b) Evaluate the quality of each forest 1. very good 2. good 3. poor

(c) Evaluate the quality of each forest 10 years ago 1. very good 2. good 3. poor

Ownership	(a) Area (ha)	(b) Quality of the Forest	(c) Quality of the Forest 10 years ago	(d) Is it totally degraded?
-----------	------------------	---------------------------------	--	-----------------------------------

Ben

1. Government(central or state)	-			
2. Local government(larger than the village)	3 ha	2	1	-
3. Village	-			
4. Private	-			
5. Others	-			

Ton

1. Government(central or state)	-			
2. Local government(larger than the village)	6 ha	2	2	-
3. Village	3 ha	2	2	-
4. Private	-			
5. Others	-			

Tha

1. Government(central or state)	-			
2. Local government(larger than the village)	6 ha	2	2	-
3. Village	-			
4. Private	-			
5. Others	-			

Tkm

1. Government(central or state)	-			
2. Local government(larger than the village)	-			
3. Village	-			
4. Private	-			
5. Others	-			

Don

1. Government(central or state)	-			
2. Local government(larger than the village)	12 ha	3	3	-
3. Village	-			
4. Private	-			
5. Others	-			

Kok

1. Government(central or state)	-			
2. Local government(larger than the village)	-	-	-	-
3. Village	-			
4. Private	-			
5. Others	-			

5.1.2. Plantation Activities

5.1.2.1. Is there any tree plantation activity by the villagers?

1. Yes 2. No

If 1. Yes, on which land is it (or was it) ?

a. government land (when) b. village land (when) c. private land (when)

Ben

2

Ton

2

Tha

2

Tkm

2

Don

2

Kok 2

5.1.2.2. Are there any subsidies for the plantation on those lands?

a. government land 1. Yes 2. No

Ben -

Ton -

Tha -

Tkm -

Don -

Kok

b. village land 1. Yes 2. No

Ben -

Ton -

Tha -

Tkm -

Don -

Kok

c. private land 1. Yes 2. No

Ben -

Ton -

Tha -

Tkm -

Don -

Kok

5.1.2.3. Can a villager privatize the trees he/she planted on those lands?

a. government land 1. Yes 2. No

Ben -

Ton -

Tha -

Tkm -

Don -

Kok

b. village land 1. Yes 2. No

Ben -

Ton -

Tha -

Tkm -

Don -

Kok

c. private land 1. Yes 2. No

Ben -

Ton -

Tha -

Tkm -

Don -

Kok

5.1.3. Regulations on Government Forest (central/state/local)

- (a) 1. Villagers are not allowed
 2. Villagers are allowed under some regulations (explain in b)
 3. Open-access to only villagers
 4. Open-access to anyone
- (c) Since when has the regulation been enforced or valid?

Forest Product	(a) Permitted or Not	(b) If “Permitted,” are there any restrictions? Explain	(c) Since when
Ben			
1. Timber	-		
2. Green fuel wood	-		
3. Dead/Dried branches	-		
4. Fodder	-		
5. Grazing	-		
6. Grass (Specify the use of the grass)	-		
7. NTFP (non timber forest products)	-		
Ton			
1. Timber	-		
2. Green fuel wood	-		
3. Dead/Dried branches	1	don't allow to cut for business	1994
4. Fodder	-		
5. Grazing	-		
6. Grass (Specify the use of the grass)	-		
7. NTFP (non timber forest products)	-		
Tha			
1. Timber	1		
2. Green fuel wood	-		
3. Dead/Dried branches	3		
4. Fodder	-		
5. Grazing	-		
6. Grass (Specify the use of the grass)	-		
7. NTFP (non timber forest products)	-		
Tkm			
1. Timber	-		
2. Green fuel wood	-		
3. Dead/Dried branches	-		
4. Fodder	-		
5. Grazing	-		
6. Grass (Specify the use of the grass)	-		
7. NTFP (non timber forest products)	-		
Don			
1. Timber	2	yes(official request is required)	5 years ago
2. Green fuel wood	-		
3. Dead/Dried branches	3	no	
4. Fodder	4	no	
5. Grazing	3	no	
6. Grass (Specify the use of the grass)	-		
7. NTFP (non timber forest products)	3	no	
Kok			
1. Timber	-		
2. Green fuel wood	-		
3. Dead/Dried branches	-		
4. Fodder	-		
5. Grazing	-		
6. Grass (Specify the use of the grass)	-		
7. NTFP (non timber forest products)	-		

5.1.3.1. Who made the regulations above?

- a. government b. villagers with a formal committee c. villagers (informally or customarily)

Ben

-

Ton

-

Tha

-

Tkm -
 Don a
 Kok -

5.1.3.2. Who enforces the regulations above?
 a. government (forest officers) b. villagers' (or forest users') committee
 c. villagers (informally or customarily)

Ben -
 Ton -
 Tha -
 Tkm -
 Don a
 Kok -

5.1.4. Regulations on Village Forest

- (a) 1. Villagers are not allowed
 2. Villagers are allowed under some regulations (explain in b)
 3. Open-access to only villagers
 4. Open-access to anyone

(c) Since when has the regulation been enforced or valid?

Forest Product	(a) Permitted or Not	(b) If "Permitted," are there any restrictions? Explain	(c) Since when
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Ben

1. Timber -
 2. Green fuel wood -
 3. Dead/Dried branches -
 4. Fodder -
 5. Grazing -
 6. Grass (Specify the use of the grass) -
 7. NTFP (non timber forest products) -

Ton

1. Timber -
 2. Green fuel wood -
 3. Dead/Dried branches 3 -
 4. Fodder -
 5. Grazing -
 6. Grass (Specify the use of the grass) -
 7. NTFP (non timber forest products) -

Tha

1. Timber -
 2. Green fuel wood -
 3. Dead/Dried branches -
 4. Fodder -
 5. Grazing -
 6. Grass (Specify the use of the grass) -
 7. NTFP (non timber forest products) -

Tkm

1. Timber -
 2. Green fuel wood -
 3. Dead/Dried branches -
 4. Fodder -
 5. Grazing -
 6. Grass (Specify the use of the grass) -
 7. NTFP (non timber forest products) -

Don

1. Timber 1 no -

2. Green fuel wood	-		
3. Dead/Dried branches	3	no	-
4. Fodder	4	no	-
5. Grazing	3	no	-
6. Grass (Specify the use of the grass)	-	no	-
7. NTFP (non timber forest products)	3	no	-

Kok

2. Green fuel wood	-
3. Dead/Dried branches	-
4. Fodder	-
5. Grazing	-
6. Grass (Specify the use of the grass)	-
7. NTFP (non timber forest products)	-

5.1.4.1. Who made the regulations above?

- a. government b. villagers with a formal committee c. villagers (informally or customarily)

Ben -

Ton -

Tha -

Tkm -

Don c

Kok -

5.1.4.2. Who enforces the regulations above?

- a. government (forest officers) b. villagers' (or forest users') committee
c. villagers (informally or customarily)

Ben -

Ton -

Tha -

Tkm -

Don c

Kok -

5.1.5. Is there a formal committee for forest management in the village?

1. Yes 2. No

Ben 2

Ton 2

Tha -

Tkm -

Don 2

Kok -

5.1.5.1. When was the committee formed?

Ben -

Ton -

Tha -

Tkm -

Don -

Kok

5.1.5.2. How did they form the committee?

1. government initiated 2. villagers initiated

Ben -

Ton -

Tha -

Tkm -
Don -
Kok -

5.1.5.3. Who is eligible to be the member:

- a. only villagers b. people in other villages are also eligible

Ben -
Ton -
Tha -
Tkm -
Don -
Kok -

5.1.5.4. How many (or what percentage of) households in this village participate the forest management committee?

Ben -
Ton -
Tha -
Tkm -
Don -
Kok -

5.1.5.5. How much income did the committee earn last year?

- Raised by the committee Subsidies

Ben -
Ton -
Tha -
Tkm -
Don -
Kok -

If it is raised by the committee, how? Explain:

Ben -
Ton -
Tha -
Tkm -
Don -
Kok -

Please list the two main expenditures of the committee last year:

1. _____ 2. _____
Ben - -
Ton - -
Tha - -
Tkm - -
Don - -
Kok - -

5.1.6. Forest Management Activities by the Villagers in the Last Year

Please include activities with in-kind payment and without payment. Specify the payment scheme in the column (3).
(4), (5): For example, government, committee, NGO.

	(1) Number of Participants	(2) Number of Days	(3) Daily Wage	(4) Who pays the wage?	(5) Who arranges the activities?
--	----------------------------	--------------------	----------------	------------------------	----------------------------------

Ben

Plantation -
Trench Digging -

Pruning	-
Thinning	-
Forest Watching	-
<u>Ton</u>	
Plantation	-
Trench Digging	-
Pruning	-
Thinning	-
Forest Watching	-
<u>Tha</u>	
Plantation	-
Trench Digging	-
Pruning	-
Thinning	-
Forest Watching	-
<u>Tkm</u>	
Plantation	-
Trench Digging	-
Pruning	-
Thinning	-
Forest Watching	-
<u>Don</u>	
Plantation	-
Trench Digging	-
Pruning	-
Thinning	-
Forest Watching	-
<u>Kok</u>	
Plantation	-
Trench Digging	-
Pruning	-
Thinning	-
Forest Watching	-

5.1.7. Price of Forest Products

Local units can be used, but please note how to convert them into kg or m³.

(1) Market price: price if a villager purchases it in the market.

(2) Price for committee members: if there is a special discount price for forest management committee member, please specify.

	(1) Market Price (per kg or m ³)	(2) Price for Committee Members (per kg or m ³)
<u>Ben</u>		
Timber	-	(don't know)
Fuelwood	-	
Grass	-	
<u>Ton</u>		
Timber	-	(don't know)
Fuelwood	-	
Grass	-	
<u>Tha</u>		
Timber	-	(don't know)
Fuelwood	-	
Grass	-	
<u>Tkm</u>		
Timber	-	(don't know)
Fuelwood	-	

Grass	-	
<u>Don</u>		
Timber	-	(don't know)
Fuelwood	-	
Grass	-	
<u>Kok</u>		
Timber	-	(don't know)
Fuelwood	-	
Grass	-	

5.1.8. On private land forests:

5.1.8.1. Are there any primary forests that are owned privately?

1. Yes 2. No

<u>Ben</u>	-
<u>Ton</u>	-
<u>Tha</u>	-
<u>Tkm</u>	-
<u>Don</u>	-
<u>Kok</u>	-

5.1.8.2. Are there any forests converted from agricultural land by tree planting?

1. Yes 2. No

<u>Ben</u>	-
<u>Ton</u>	-
<u>Tha</u>	-
<u>Tkm</u>	-
<u>Don</u>	-
<u>Kok</u>	-

5.1.8.3. Approximate percentage of households in the village who own trees along the farms and homestead:

_____ %

<u>Ben</u>	-
<u>Ton</u>	-
<u>Tha</u>	-
<u>Tkm</u>	-
<u>Don</u>	-
<u>Kok</u>	-

5.1.8.4. Average number of trees a household own along the farms and homestead:

<u>Ben</u>	-
<u>Ton</u>	-
<u>Tha</u>	-
<u>Tkm</u>	-
<u>Don</u>	-
<u>Kok</u>	-

5.2. Irrigation

5.2.1. Area irrigated (or percentage of irrigated area to total agricultural land): _____ ha

<u>Ben</u>	6.17 ha
<u>Ton</u>	185.15 ha
<u>Tha</u>	120 ha
<u>Tkm</u>	28 ha
<u>Don</u>	22 ha
<u>Kok</u>	10.56ha

5.2.2. Number (or percentage against agricultural households excluding landless) of households who cultivate irrigated land:

Ben	2.99% (5 households)
Ton	100 %
Tha	80 %
Tkm	30 %
Don	84 %
Kok	1.4%

5.2.3. Percentages of Each Type of Irrigation (by area)

4. Local system is a canal within the village

5. Large system is a canal irrigating more than one village

Irrigation Type		1. Private Well	2. Common Well	3. Pond (tank)	4. Canal (local system)	5. Canal (large system)
Ben	(%)	-	-	-	-	100 %
Ton	(%)	-	-	-	-	100 %
Tha	(%)	-	-	-	-	100 %
Tkm	(%)	-	-	-	-	100 %
Don	(%)	-	-	-	-	100 %
Kok	(%)	-	-	-	-	100 %

5.2.4. On Private Well

5.2.4.1. In the case of 1. private well, how much investment is required to have a well?
digging pump

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

5.2.4.2. Number (or percentage against agricultural households excluding landless) of households who use private well for irrigation?

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

5.2.4.3. Number (or percentage against private-well users) of households who own private well for irrigation?

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

5.2.4.4. Do the private-well owners sell water to others in the village?

	1. yes	2. no
Ben	-	-
Ton	-	-

Tha	-
Tkm	-
Don	-
Kok	-

5.2.4.5. How many households sell water, and how many households buy the water?

	Number of sellers	Number of buyers
Ben	-	
Ton	-	
Tha	-	
Tkm	-	
Don	-	
Kok	-	

5.2.4.6. How do the well-owners charge for the water (e.g. 50% share, fixed amount fee, etc.)? Describe:

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

5.2.5. In the case of other irrigation system (2-5), does a water user have to pay for water?

	1. Yes	2. No
Ben	1	
Ton	1	
Tha	1	
Tkm	1	
Don	1	
Kok	1	

5.2.5.1. If 1. Yes, who collects the fee?

	a. government larger than village	b. village government	c. water users association	d. those who are responsible for water management	e. others
Ben			c		
Ton			c		
Tha			c		
Tkm			c		
Don			e	(electricity staff)	
Kok			d		

5.2.5.2. How much does it cost to irrigate 1 ha of land once?

Ben	450,000 kip/ha
Ton	300,000 kip/ha
Tha	300,000 kip/ha
Tkm	700,000 kip/ha
Don	1,000,000 kip/ha
Kok	700,000 kip/ha

5.2.6. Has the availability of irrigation water in the village changed in recent years?

	1. improved	2. unchanged	3. worsened
Ben	2		
Ton	2		
Tha	3		

Tkm	3
Don	2
Kok	3

5.2.6.1. If 1. improved, what is the reason?

- a. good rainfall b. construction of new irrigation facility
 c. major rehabilitation work on old irrigation facility d. formation of water users association
 e. others

Ben	-
Ton	-
Tha	-
Tkm	-
Don	-
Kok	-

5.2.6.2. If 3. worsened, what is the reason?

- a. bad rainfall b. population growth c. poor management of irrigation facility
 d. intensification of agriculture e. others

Ben	-
Ton	-
Tha	c
Tkm	a
Don	-
Kok	a

5.2.7. Is there a water users' association in the village?

1. Yes (within the village) 2. Yes (with other villages) 3. No

Ben	3
Ton	3
Tha	3
Tkm	3
Don	1
Kok	2

5.2.7.1. If 1. Yes, is it a formal one or informal (or traditional) one?

- a. formal b. informal

Ben	-
Ton	-
Tha	-
Tkm	-
Don	a
Kok	-

5.2.7.2. If 1. Yes, is the association active?

- a. always active b. active only in the case of drought c. inactive

Ben	-
Ton	-
Tha	-
Tkm	-
Don	a
Kok	-

5.2.7.3. If 1. Yes, what does the association do in the case of drought or any water shortage?

1. restriction of water use 2. negotiation with government or other villages to get more water
 3. increase in water price 4. initiate water/soil conservation measures

	5. nothing	6. others
Ben	-	
Ton	-	
Tha	-	
Tkm	-	
Don	5	
Kok	-	

5.3. Drinking Water and Energy Source

5.3.1. How far away on average from household to the nearest drinking water source?

Ben	5 minutes
Ton	5 minutes
Tha	5 minutes
Tkm	5 minutes
Don	5-10 minutes
Kok	5 minutes

5.3.2. How often does a household on average carry drinking water home in a day

Ben	1 time/day
Ton	1 time/day
Tha	1time/day
Tkm	1 time/day
Don	1 time/day
Kok	2times/day

5.3.4. What are the sources of drinking water in the village? Specify an approximate percentage in terms of number of users for each.

*Please consider only the main drinking water source if a household uses more than one source. But total percentage can exceed 100% because a household may use two or more water sources equally.

Ben		
	1. pond, lake, or dam	0 %
	2. river, or spring	0 %
	3. common well, or borehole	0 %
	4. common hand pump	100 %
	5. private well, or borehole	0 %
	6. private hand pump	0 %
	7. rainwater stored in tank	0 %
	8. tap water from running water, <u>disinfected</u>	0 %
	9. tap water from running water, <u>not disinfected</u>	0 %
	10. buying from water seller	0 %
Ton		
	1. pond, lake, or dam	0 %
	2. river, or spring	0 %
	3. common well, or borehole	10 %
	4. common hand pump	7 %
	5. private well, or borehole	0 %
	6. private hand pump	0 %
	7. rainwater stored in tank	0 %
	8. tap water from running water, <u>disinfected</u>	0 %
	9. tap water from running water, <u>not disinfected</u>	83 %
	10. buying from water seller	0 %
Tha		
	1. pond, lake, or dam	0 %
	2. river, or spring	0 %

3. common well, or borehole	86 %
4. common hand pump	14 %
5. private well, or borehole	0 %
6. private hand pump	0 %
7. rainwater stored in tank	0 %
8. tap water from running water, <u>disinfected</u>	0 %
9. tap water from running water, <u>not disinfected</u>	0 %
10. buying from water seller	0 %
<u>Tkm</u>	
1. pond, lake, or dam	0 %
2. river, or spring	0 %
3. common well, or borehole	0 %
4. common hand pump	100 %
5. private well, or borehole	0 %
6. private hand pump	0 %
7. rainwater stored in tank	0 %
8. tap water from running water, <u>disinfected</u>	0 %
9. tap water from running water, <u>not disinfected</u>	0 %
10. buying from water seller	0 %
<u>Don</u>	
1. pond, lake, or dam	0 %
2. river, or spring	0 %
3. common well, or borehole	0 %
4. common hand pump	100 %
5. private well, or borehole	0 %
6. private hand pump	0 %
7. rainwater stored in tank	0 %
8. tap water from running water, <u>disinfected</u>	0 %
9. tap water from running water, <u>not disinfected</u>	0 %
10. buying from water seller	0 %
<u>Kok</u>	
1. pond, lake, or dam	0 %
2. river, or spring	0 %
3. common well, or borehole	0 %
4. common hand pump	100 %
5. private well, or borehole	0 %
6. private hand pump	0 %
7. rainwater stored in tank	0 %
8. tap water from running water, <u>disinfected</u>	0 %
9. tap water from running water, <u>not disinfected</u>	0 %
10. buying from water seller	0 %

5.3.4.1. What percentage of villagers boil water for drinking?

<u>Ben</u>	10 %
<u>Ton</u>	80 %
<u>Tha</u>	89 %
<u>Tkm</u>	75 %
<u>Don</u>	80 %
<u>Kok</u>	70%

5.3.5. Do villagers report any problems with drinking water? 1. Yes 2. No

<u>Ben</u>	2
<u>Ton</u>	1
<u>Tha</u>	2
<u>Tkm</u>	2
<u>Don</u>	2

Kok 2

5.3.5.1. If 1. Yes, what is it?

1. dirty, polluted 2. bad smell 3. seasonal shortage 4. shortage over a year 5. very far

Ben -

Ton 1

Tha -

Tkm -

Don -

Kok -

5.3.6. Has water quality changed in recent years?

1. no change 2. improved 3. worsened

Ben 1

Ton 1

Tha 1

Tkm 1

Don 2

Kok 1

5.3.7. In the case of common water supply (pond, river, spring, or well), are there any regulations which apply to water use?

1. None 2. Yes, but only in the case of drought 3. Yes, amount of water use is always restricted

Ben -

Ton -

Tha -

Tkm -

Don -

Kok -

5.3.8. What kinds of fuel do villagers use for cooking (specify approximate percentages for each of the followings).

*One household may use several kinds of fuel, and in such a case you can count all of them. But please consider the percentage of each so that the total percentage becomes 100%.

Ben

- | | |
|--|------|
| 1. fuelwood collected from common forest | 20 % |
| 2. fuelwood collected from privately owned trees | 10 % |
| 3. agricultural residues | 0 % |
| 4. animal dung | 70 % |
| 5. purchased charcoal/fuelwood | 0 % |
| 6. kerosene | 0 % |
| 7. gas (propane or biogas) | 0 % |
| 8. electricity | 0 % |
| 9. others (specify) | 0% |

Ton

- | | |
|--|------|
| 1. fuelwood collected from common forest | 50 % |
| 2. fuelwood collected from privately owned trees | 20 % |
| 3. agricultural residues | 0 % |
| 4. animal dung | 0 % |
| 5. purchased charcoal/fuelwood | 50 % |
| 6. kerosene | 0 % |
| 7. gas (propane or biogas) | 0 % |
| 8. electricity | 0 % |
| 9. others (specify) | 0 % |

Tha

1. fuelwood collected from common forest	80 %
2. fuelwood collected from privately owned trees	10 %
3. agricultural residues	0 %
4. animal dung	0 %
5. purchased charcoal/fuelwood	20 %
6. kerosene	0 %
7. gas (propane or biogas)	0 %
8. electricity	0 %
9. others (specify)	0 %

Tkm

1. fuelwood collected from common forest	0 %
2. fuelwood collected from privately owned trees	27 %
3. agricultural residues	0 %
4. animal dung	0 %
5. purchased charcoal/fuelwood	73 %
6. kerosene	0 %
7. gas (propane or biogas)	0 %
8. electricity	0 %
9. others (specify)	0 %

Don

1. fuelwood collected from common forest	100 %
2. fuelwood collected from privately owned trees	90 %
3. agricultural residues	0 %
4. animal dung	0 %
5. purchased charcoal/fuelwood	20 %
6. kerosene	0 %
7. gas (propane or biogas)	0 %
8. electricity	10 %
9. others (specify)	0 %

Kok

1. fuelwood collected from common forest	60 %
2. fuelwood collected from privately owned trees	40 %
3. agricultural residues	0 %
4. animal dung	0 %
5. purchased charcoal/fuelwood	40 %
6. kerosene	0 %
7. gas (propane or biogas)	0 %
8. electricity	0 %
9. others (specify)	0 %

5.3.9. How many hours does a villager, on average, spend collecting a fuel load (on head or back)?

<u>Ben</u>	1 hour
<u>Ton</u>	4 hours
<u>Tha</u>	5 hours
<u>Tkm</u>	2 hours
<u>Don</u>	4 hours
<u>Kok</u>	3 hours

5.3.9.1. How many days does a fuel load last?

<u>Ben</u>	7 days
<u>Ton</u>	5 days
<u>Tha</u>	2 days
<u>Tkm</u>	5 days
<u>Don</u>	3 days
<u>Kok</u>	5 days

5.3.9.2. How much is it if you purchase the same amount of fuelwood in the market?

- Ben don't know (never bought it)
- Ton don't know (never bought it)
- Tha 5,000 kip
- Tkm 6,000 kip
- Don 50,000 kip/1tak-tak
- Kok don't know (Never bought)

5.3.9.3. How many hours did a villager, on average, spend collecting the same amount fuelwood ten years ago?

- Ben 20 minutes
- Ton 1 hour
- Tha 30 minutes
- Tkm 30 minutes
- Don 30 minutes
- Kok 30 minutes

5.3.10. How many years have villagers used kerosene?

- Ben -
- Ton -
- Tha -
- Tkm -
- Don -
- Kok -

5.3.10.1. How much is kerosene in the market?

- Ben -
- Ton -
- Tha -
- Tkm -
- Don -
- Kok -

5.4 Health and Environment

5.4.1. Health/Medical Services in the Village

- (a) If the service is available in the village, answer 1. Yes. Otherwise, answer 2. No.
- (b) If the service is free of charge, answer 1. Yes. Otherwise, answer 2. No.
- (c) If the service is available in the village, how many years has it been available? Or since when?
- (d) If the service is available in the village, who provides and manages it (e.g. government, NGO) ?
- (e) Which service do villagers think should be improved (if it is currently available) or provided (if it is not available now)? Choose three services, and give priority number 1, 2, and 3.

health/medical services	(a) available? yes or no	(b) free or not	(c) how many years?	(d) who provides/ manages?	(e) priority
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Ben					
1. public distribution of food (specify)	2				
2. growth monitoring for infants and children	2				
3. public water supply (specify)	1	2	3	private	-
4. public toilet construction	2				
5. family planning services	1	2	6	government	-
6. free distribution of condoms	2				
7. child delivery service	2				
7. antenatal maternal care	2				
8. vaccine services	1	2	20	government	-
9. dispensary/health center	2				

10. tropical disease control (malaria control)	1	2	3	government, community	-
11. pharmacy	2				
12. health education program	2				
13. services by community health workers	1	1	2	community	-
14. services by nurses, public health nurses	2				
Ton					
1. public distribution of food (specify)	2				
2. growth monitoring for infants and children	2				
3. public water supply (specify)	1	2	6	private	-
4. public toilet construction	2				
5. family planning services	1	1	5	government	-
6. free distribution of condoms	2	1	5	government	-
7. child delivery service	2				
7. antenatal maternal care	2				
8. vaccine services	1	2	7	government	-
9. dispensary/health center	2				
10. tropical disease control (malaria control)	1	2	2	government	-
11. pharmacy	1	2	23	private	-
12. health education program	2				
13. services by community health workers	1	1	3	community	-
14. services by nurses, public health nurses	2				
Tha					
1. public distribution of food (specify)	2				
2. growth monitoring for infants and children	2				
3. public water supply (specify)	1	2	2	private	-
4. public toilet construction	2				
5. family planning services	1	1	2	government	-
6. free distribution of condoms	2	1	2	government	-
7. child delivery service	2				
7. antenatal maternal care	2				
8. vaccine services	1	1	10	government	-
9. dispensary/health center	1	2	2	government	-
10. tropical disease control (malaria control)	1	2	3	government	-
11. pharmacy	1	2	15	private	-
12. health education program	2				
13. services by community health workers	1	2	5	community	-
14. services by nurses, public health nurses	2				
Tkm					
1. public distribution of food (specify)	2				
2. growth monitoring for infants and children	2				
3. public water supply (specify)	1	2	11	private	-
4. public toilet construction	2				
5. family planning services	2				
6. free distribution of condoms	2				
7. child delivery service	2				
7. antenatal maternal care	2				
8. vaccine services	1	1	9	government	-
9. dispensary/health center	1	2	3	government	-
10. tropical disease control (malaria control)	1	2	2	government	-
11. pharmacy	1	2	6	private	-
12. health education program	2				
13. services by community health workers	1	1	4	community	-
14. services by nurses, public health nurses	2				
Don					
1. public distribution of food (specify)	2				
2. growth monitoring for infants and children	2				
3. public water supply (specify)	1	2	20	government, private	-
4. public toilet construction	2				
5. family planning services	1	2	10	government	-
6. free distribution of condoms	2				
7. child delivery service	2				
7. antenatal maternal care	2				

8. vaccine services	1	1	10	government	-
9. dispensary/health center	1	2	5	government	-
10. tropical disease control (malaria control)	1	2	4	government	-
11. pharmacy	2				
12. health education program	2				
13. services by community health workers	1	1	5	community	-
14. services by nurses, public health nurses	2				
Kok					
1. public distribution of food (specify)	2	-	-		
2. growth monitoring for infants and children	2	-	-		
3. public water supply (specify)	1	2	15	private	-
4. public toilet construction	2	-	-		
5. family planning services	1	2	5	government	-
6. free distribution of condoms	2	-			
7. child delivery service	2	-			
7. antenatal maternal care	2	-			
8. vaccine services	1	1	10	government	-
9. dispensary/health center	1	2	7	government	-
10. tropical disease control (malaria control)	1	2	4	government	-
11. pharmacy	2	-			
12. health education program	2	-			
13. services by community health workers	1	1	2	community	-
14. services by nurses, public health nurses	2	-	-		

5.4.2. Are the following medicine available (sold or distributed) in the village?

Anti-malaria drugs:	1. yes	2. no
Ben	1	
Ton	1	
Tha	1	
Tkm	2	
Don	1	
Kok	2	
Pain-killer drugs:	1. yes	2. no
Ben	1	
Ton	1	
Tha	1	
Tkm	1	
Don	1	
Kok	1	
Antibiotic drugs:	1. yes	2. no
Ben	1	
Ton	1	
Tha	1	
Tkm	1	
Don	1	
Kok	2	

5.4.3. If there is a community health workers in the village, what services do they provide?

Ben	joint work with health programs
Ton	joint work with health programs
Tha	data collection for health, joint work with health programs
Tkm	data collection for health, joint work with health programs
Don	health education, data collection, bed net impregnation
Kok	health education, data collection
	If they do not provide any services, why do not they?
Ben	-
Ton	-

Tha -
Tkm -
Don -
Kok -

5.4.4. Where is the nearest health facility (health post/health center/clinic/hospital) located?

1. in the village 2. not in the village

		Name of the place	Distance (minutes)	by
Ben	2	district hospital	10	Tuk-Tuk
Ton	2	Lahanam tha	5	walking
Tha	1	Lahanam	3	walking
Tkm	2	Lahanam	10	walking
Don	2	lahanam	30	walking
Kok	2	Lahanam	10	walking

5.4.4.1. What is this health facility?

1. health post 2. health center 3. clinic 4. hospital

Ben 4
Ton 2
Tha 2
Tkm 2
Don 3
Kok 2

5.4.4.2. Who is available there?

1. doctor 2. nurse 3. assistant 4. traditional healer

Ben 1
Ton 3
Tha 2
Tkm 2
Don 3
Kok 3

5.4.4.3. How much does it cost on average to receive service from the facility above?

Ben 105,000 kip
Ton don't know
Tha 7,000 kip
Tkm 1,000 kip
Don 6,000 kip
Kok 7,000 kip

Does it include the cost of medicine? 1. Yes 2. No

Ben 1
Ton -
Tha 1
Tkm 1
Don 1
Kok 1

5.4.4.4. From where does the budget of health facility come?

1. fee collected from villagers 2. village government 3. state/central government
4. aid agency

Ben 1 3
Ton 3
Tha 1 3

Tkm	1	3
Don	1	
Kok	1	

5.4.5. What percentage of households make use of traditional healer?

Ben	2 %
Ton	30 %
Tha	30 %
Tkm	20 %
Don	50 %
Kok	0%

Why do they use the traditional healer?

Ben	they use if not cured by modern medicines
Ton	they use if not sever sick, if poor people
Tha	they use if not cured by modern medicines
Tkm	they use if not cured by modern medicines
Don	used to believe and if not cured by modern medicines
Kok	-

5.4.6. Is there a village health committee? 1. Yes 2. No

If 1. Yes, what kinds of activity is it doing? Specify:

Ben	2
Ton	2
Tha	2
Tkm	2
Don	2
Kok	2

M13. On which age in general, do men get married in this village? _____Years old

Ben	18
Ton	20
Tha	22
Tkm	20
Don	18
Kok	20

M14. On which age in general, do women get married in this village? _____Years old

Ben	16
Ton	18
Tha	17
Tkm	18
Don	17
Kok	18

M5. How many babies were born in last one year (12months)

Ben	5
Ton	8
Tha	5
Tkm	4
Don	3
Kok	1

M5-1 How many of them are surviving now?

Ben	5
Ton	8
Tha	5
Tkm	5
Don	3
Kok	1

M5-2 How many death of villagers are in a year?

Ben	4
Ton	4
Tha	3
Tkm	2
Don	1
Kok	1

M6. What are the major killer diseases of children/babies? (specify three diseases)

	1.	2.	3.
Ben	died after birth	-	-
Ton	fever	diarrhea	-
Tha	fever	diarrhea	-
Tkm	fever+convulsion	Dengue fever	-
Don	fever	diarrhea	-
Kok	fever	-	-

M6-1. What are the major killer diseases of villagers (adult)? (specify three diseases)

	1.	2.	3.
Ben	geriatric	hyper tension	lung disease
Ton	geriatric	diabetes	hyper tension
Tha	geriatric	liver disease	diabetes
Tkm	liver disease	rheumatism	cancer (general)
Don	liver cancer	TB	elderly disease
Kok	geriatric	Cancers	HIV/AIDS

5.4.7. In general how many children does a married women give birth to?

Ben	3
Ton	4
Tha	2
Tkm	3
Don	unlimited
Kok	4

5.4.8. Is the average number of children per mother decreasing in these 20 years?

	1. decreasing	2. no change	3. increasing
Ben	1		
Ton	1		
Tha	1		
Tkm	1		
Don	1		
Kok	1		

5.4.9. What percentage of married women are using contraceptives?

Ben	80 %
Ton	10 %

Tha	90 %
Tkm	70 %
Don	95 %
Kok	70 %

5.4.A. If there are ten new-born babies now, how many of them do you expect will grow up to five years old in this village?

Ben	10 persons
Ton	10 persons
Tha	10 persons
Tkm	9 persons
Don	10 persons
Kok	10 persons

How about ten years ago?

Ben	8 persons
Ton	7 persons
Tha	7 persons
Tkm	5 persons
Don	5 persons
Kok	10 persons

5.4.B. What kind of toilet/latrine do villagers use? Give approximate percentage.

Ben

1. no toilet/latrine	
Bush	60 %
River	0 %
pond/lake	0 %
2. pit hole latrine	0 %
3. latrine with ventilation	0 %
4. washout toilet	40 %

Ton

1. no toilet/latrine	
Bush	5 %
River	0 %
pond/lake	0 %
2. pit hole latrine	0 %
3. latrine with ventilation	0 %
4. washout toilet	95 %

Tha

1. no toilet/latrine	
Bush	51.7 %
River	0 %
pond/lake	0 %
2. pit hole latrine	0 %
3. latrine with ventilation	0 %
4. washout toilet	48.3 %

Tkm

1. no toilet/latrine	
Bush	70 %
River	0 %
pond/lake	0 %
2. pit hole latrine	0 %
3. latrine with ventilation	0 %
4. washout toilet	30 %

Don

1. no toilet/latrine	
Bush	99.5%
River	0 %
pond/lake	0 %
2. pit hole latrine	0 %
3. latrine with ventilation	0 %
4. washout toilet	0.5 %

Kok

1. no toilet/latrine	
Bush	80 %
River	0 %
pond/lake	0 %
2. pit hole latrine	0 %
3. latrine with ventilation	0 %
4. washout toilet	20 %

5.4.C. Were or are there any activities of health/environmental NGO in this village?

	1. Yes (specify)	2. No
<u>Ben</u>	2	
<u>Ton</u>	2	
<u>Tha</u>	2	
<u>Tkm</u>	2	
<u>Don</u>	2	
<u>Kok</u>	2	

M4. What kinds of activities NGO(s) are doing in your village

	1. Health	2. Environment	3. Education	4. Income generating
	5. Others	6. None		
<u>Ben</u>	-			
<u>Ton</u>	-			
<u>Tha</u>	-			
<u>Tkm</u>	-			
<u>Don</u>	-			
<u>Kok</u>	-			

Check sheet 1 (month)

資料1

HH-	<u>name of caretaker</u>	<u>age</u>
	<u>name of child</u>	<u>age</u>

write ✓ for "yes"
write × for "no"
write - for do not know

Immunization : OPV 0 1 2 3 / BCG / DTC 1 2 3 / Measles

1. General Health status

date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
any change?																																
diagnosis?																																
any treatment?																																
Did you go to field?																																

2. What happen on your child?

1	do not play																															
2	exhausted																															
3	bad temper																															
4	fever																															
5	look pale																															
6	no/less appetite																															
7	slow reaction																															
8	unconscious																															
9	head ache																															
10	dizzy																															
11	shivering																															
12	palsy																															
13	cough																															
14	wheezing																															
15	difficulty of breathing																															
16	fast/light breathing																															
17	sputum																															
18	stomach pain																															
19	vomit everything																															
20	abdominal pain																															
21	abdominal swelling																															
22	diarrhea																															
23	bloody stool																															
24	constipation																															
25	bloody urine																															
26	pain in urination																															
27	sore throat																															
28	runny/block nose																															
29	ear pain																															
30	pus from ear																															
31	tinnitus																															
32	inaudible																															
33	red eyes																															
34	itchy / pain of eyes																															
35	eye mucus																															
36	rash on skin																															
37	itchy of skin																															
38	edema																															
39	skin ulcer																															
40	dry skin																															

only for under 2 child

Nutritional status (write tick)	breastfeeding	milk (artificial)	baby foods	solid foods
41	crying/peeve			
42	low activity			
43	slow reaction			
44	do not drink milk			
45	do not eat baby food			
	check (When visiting)			

Check Sheet 2

資料2

HH-	Mother's name	age	Child's name	age
Date of interview:		Number of symptom:		sign:
1	When has it started?	date:		
2	Who did find it?	1) Mother <input type="checkbox"/> 2) Grandmother <input type="checkbox"/> 3) Others(<input type="checkbox"/>)		
3	How do you think the cause of symptom?	1) I do not know <input type="checkbox"/> 2) It was hot <input type="checkbox"/> 3) It was cold <input type="checkbox"/> 4) season change <input type="checkbox"/> 5) play in dirt <input type="checkbox"/> 6) Others <input type="checkbox"/>		
4	What did you do when find the change?	1) I did nothing <input type="checkbox"/> 2) I bought medicine from pharmacy <input type="checkbox"/> 3) I bought medicine from pet pachang ban <input type="checkbox"/> 4) I bought medicine from (<input type="checkbox"/>)		
	Write circle the medicine name →	Paracetamol, Amoxycillin, Ampicillin, Tiffy, Chloramphenicol, Korcir, ton yang xat, wan fai,hak khua chanramdin, poun kheuymak, ton pua, ya hak mai, kok ken kung, Others(<input type="checkbox"/>)		
		3) I went to moya pumuan <input type="checkbox"/> Takhamlian <input type="checkbox"/> Others(<input type="checkbox"/>) 4) I went to clinic <input type="checkbox"/> Paksong <input type="checkbox"/> Others(<input type="checkbox"/>) 5) I went to hospital <input type="checkbox"/> Paksong <input type="checkbox"/> Others(<input type="checkbox"/>)		
5	Why did you do so?	1) The symptom was not serious. <input type="checkbox"/> 2) It was easy for me.(near my house) <input type="checkbox"/> 3) I did same as before/usual. <input type="checkbox"/> 4) I did not have enough money to go to hosp <input type="checkbox"/> 5) The symptom was so serious. <input type="checkbox"/> 6) Others (<input type="checkbox"/>)		
6	Results	1) Recovered <input type="checkbox"/> 2) Better <input type="checkbox"/> 3) Same <input type="checkbox"/> 4) Worse <input type="checkbox"/>		