

1. An Outline of Landholding

Table 1 Distribution of Total Owned Paddy Land
and Households by Size in 1964 and 1980

(area : rai)

Year	1964*					1980				
Area	Total Area	House-		Total Area		House-				
Owned=A	Owned(A)	%	hold(B)	%	A/B	Owned(A)	%	hold(B)	%	A/B
A=0						0.00	0.0	34	19.3	0.0
0< A <3	2.00	0.1	31	23.5	0.1	9.63	0.4	5	2.8	1.9
3<= A <10	173.50	8.6	26	19.8	6.7	261.90	11.9	48	27.3	5.5
10<= A <20	542.50	26.9	37	28.0	14.7	733.84	33.6	51	29.1	14.4
20<= A <30	324.00	16.0	14	10.6	23.1	432.18	19.7	18	10.2	24.0
30<= A <40	431.00	21.3	13	9.8	33.2	435.06	19.8	13	7.4	33.5
40<= A <50	168.00	8.3	4	3.0	42.0	209.50	9.5	5	2.8	41.9
50<= A <60	312.00	15.4	6	4.5	52.0	112.00	5.1	2	1.1	56.0
60<= A <70	69.00	3.4	1	0.8	69.0	0.00	0.0	0	0.0	0.0
Total	2022.00	100.0	132	100.0	15.3	2194.11	100.0	176	100.0	12.5

Note : * Mizuno Koichi, Thai Noson No Shakaisoshiki (Social Structure of a Thai Village), Sobunsha, 1981. The size of area is classified as " 0<= A <3 " according to the book.

Table 2 Distribution of Total Operated Paddy Land
and Households by Size in 1964 and 1980

(area : rai)

Year	1964*					1980				
Area	Total Area	House-		Total Area		House-				
Operated=A	Operated(A)	%	hold(B)	%	A/B	Operated(A)	%	hold(B)	%	A/B
A=0						0.00	0.0	46	26.1	0.0
0< A <3	2.00	0.1	26	19.7	0.1	2.50	0.1	2	1.1	1.3
3<= A <10	192.50	9.8	29	22.0	6.6	204.69	9.2	35	19.9	5.8
10<= A <20	595.00	30.5	41	31.0	14.5	640.66	28.9	44	25.0	14.6
20<= A <30	388.00	19.9	17	12.9	22.8	770.03	34.8	33	18.8	23.3
30<= A <40	334.00	17.1	10	7.6	33.4	333.33	15.1	10	5.7	33.3
40<= A <50	126.00	6.4	3	2.3	42.0	205.00	9.3	5	2.8	41.0
50<= A <60	317.00	16.2	6	4.5	52.8	58.00	2.6	1	0.6	58.0
60<= A <70	0.00	0.0	0	0.0	0.0	0.00	0.0	0	0.0	0.0
Total	1954.50	100.0	132	100.0	14.8	2214.21	100.0	176	100.0	12.6

Note : * Mizuno Koichi, Thai Noson No Shakaisoshiki (Social Structure of a Thai Village), Sobunsha, 1981. The size of area is classified as " 0<= A <3 " according to the book.

Table 3 Distribution of Total Owned Upland
and Households by Size in 1964 and 1980

(area : rai)

Year	1964*					1980				
Area	Total Area		House-			Total Area		House-		
Owned=A	Owned(A)	%	hold(B)	%	A/B	Owned(A)	%	hold(B)	%	A/B
A=0						0.000	0.0	98	55.5	0.0
0< A <2	21.50	4.7	62	46.9	0.3	6.825	1.5	7	4.0	1.0
2<= A <4	53.00	11.5	22	16.7	2.4	51.780	11.1	19	10.8	2.7
4<= A <6	86.00	18.5	18	13.6	4.8	93.960	20.0	20	11.4	4.7
6<= A <8	77.00	16.7	12	9.1	6.4	74.750	16.0	11	6.3	6.8
8<= A <10	24.00	5.2	3	2.3	8.0	94.530	20.1	11	6.3	8.6
10<= A <12	51.00	11.1	5	3.8	10.2	31.750	6.8	3	1.7	10.6
12<= A <14	61.00	13.2	5	3.8	12.2	25.000	5.3	2	1.1	12.5
14<= A <16	30.00	6.5	2	1.5	15.0	0.000	0.0	0	0.0	0.0
16<= A <18	16.00	3.5	1	0.8	16.0	50.250	10.7	3	1.7	16.8
18<= A <20	0.00	0.0	0	0.0	0.0	19.500	4.2	1	0.6	19.5
20<= A	42.00	9.1	2	1.5	21.0	20.000	4.3	1	0.6	20.0
Total	461.50	100.0	132	100.0	3.5	468.345	100.0	176	100.0	2.7

Note : * Mizuno Koichi, Thai Noson No Shakaisoshiki (Social Structure of a Thai Village), Sobunsha, 1981. The size of area is classified as " 0<= A <2 " according to the book.

Table 4 Distribution of Total Operated Upland
and Households by Size in 1964 and 1980

(area : rai)

Year	1964*					1980				
Area	Total Area		House-			Total Area		House-		
Operated=A	Operated(A)	%	hold(B)	%	A/B	Operated(A)	%	hold(B)	%	A/B
A=0						0.000	0.0	92	52.3	0.0
0< A <2	17.00	3.4	45	34.2	0.4	9.105	2.0	10	5.7	0.9
2<= A <4	78.00	15.7	32	24.2	2.4	62.130	13.8	24	13.6	2.6
4<= A <6	107.00	21.6	24	18.2	4.5	99.110	22.0	21	11.9	4.7
6<= A <8	85.50	17.2	13	9.8	6.6	54.450	12.1	8	4.5	6.8
8<= A <10	32.50	6.5	4	3.0	8.1	103.500	22.9	12	6.8	8.6
10<= A <12	61.00	12.3	6	4.5	10.2	41.750	9.3	4	2.3	10.4
12<= A <14	48.00	9.7	4	3.0	12.0	26.000	5.8	2	1.1	13.0
14<= A <16	30.00	6.0	2	1.5	15.0	15.500	3.4	1	0.6	15.5
16<= A <18	16.00	3.2	1	0.8	16.0	16.250	3.6	1	0.6	16.3
18<= A <20	0.00	0.0	0	0.0	0.0	0.000	0.0	0	0.0	0.0
20<= A	22.00	4.4	1	0.8	22.0	23.000	5.1	1	0.6	23.0
Total	497.00	100.0	132	100.0	3.8	450.795	100.0	176	100.0	2.6

Note : * Mizuno Koichi, Thai Noson No Shakaisoshiki (Social Structure of a Thai Village), Sobunsha, 1981. The size of area is classified as " 0<= A <2 " according to the book.

Table 5 Distribution of Total Owned Garden Land
and Households by Size in 1964 and 1980

(area : rai)

Year	1964*					1980				
	Area	Total Area		House-		A/B	Total Area		House-	
Owned=A	Owned(A)	%	hold(B)	%	Owned(A)		%	hold(B)	%	A/B
A=0						0.00	0.0	48	27.3	0.0
0< A <1	7.50	10.3	99	74.9	0.1	34.19	31.2	82	46.5	0.4
1<= A <2	26.00	35.8	24	18.2	1.1	36.45	33.2	32	18.2	1.1
2<= A <3	6.00	8.3	3	2.3	2.0	23.97	21.9	10	5.7	2.4
3<= A <4	7.00	9.7	2	1.5	3.5	9.40	8.6	3	1.7	3.1
4<= A <5	5.00	6.9	1	0.8	5.0	0.00	0.0	0	0.0	0.0
5<= A <6	21.00	29.0	3	2.3	7.0	5.60	5.1	1	0.6	5.6
Total	72.50	100.0	132	100.0	0.5	109.61	100.0	176	100.0	0.6

Note : * Mizuno Koichi, Thai Noson No Shakaisoshiki (Social Structure of a Thai Village), Sobunsha, 1981. The size of area is classified as " 0<= A <1 " according to the book.

Table 6 Distribution of Total Operated Garden Land
and Households by Size in 1964 and 1980

(area : rai)

Year	1964*					1980				
	Area	Total Area		House-		A/B	Total Area		House-	
Operated=A	Operated(A)	%	hold(B)	%	Operated(A)		%	hold(B)	%	A/B
A=0						0.00	0.0	39	22.2	0.0
0< A <1	4.25	5.9	97	73.5	0.0	35.89	32.8	91	51.6	0.4
1<= A <2	27.25	37.5	25	18.9	1.1	35.00	31.9	32	18.2	1.1
2<= A <3	8.00	11.0	4	3.0	2.0	26.72	24.4	11	6.3	2.4
3<= A <4	7.00	9.7	2	1.5	3.5	6.40	5.8	2	1.1	3.2
4<= A <5	5.00	6.9	1	0.8	5.0	0.00	0.0	0	0.0	0.0
5<= A <6	21.00	29.0	3	2.3	7.0	5.60	5.1	1	0.6	5.6
Total	72.50	100.0	132	100.0	0.5	109.61	100.0	176	100.0	0.6

Note : * Mizuno Koichi, Thai Noson No Shakaisoshiki (Social Structure of a Thai Village), Sobunsha, 1981. The size of area is classified as " 0<= A <1 " according to the book.

Table 7 Distribution of Total Owned Farm Land
and Households by Size in 1964 and 1980

(area : rai)

Year	1964**					1980				
Area	Total Area		House-			Total Area		House-		
Owned=A	Owned(A)	%	hold(B)	%	A/B	Owned(A)	%	hold(B)	%	A/B
A=0						0.000	0.0	18	10.2	0.0
0< A <3	9.00	0.4	29	22.0	0.3	17.055	0.6	15	8.5	1.1
3<= A <10	92.50	3.6	15	11.4	6.2	210.325	7.6	38	21.6	5.5
10<= A <20	511.50	20.0	35	26.5	14.6	708.535	25.5	49	27.9	14.5
20<= A <30	547.75	21.5	23	17.4	23.8	644.955	23.3	27	15.3	23.9
30<= A <40	349.25	13.7	10	7.6	34.9	590.300	21.3	17	9.7	34.7
40<= A <50	398.50	15.6	9	6.8	44.3	364.145	13.1	8	4.5	45.5
50<= A <60	377.50	14.8	7	5.3	53.9	170.500	6.2	3	1.7	56.8
60<= A <70	124.00	4.9	2	1.5	62.0	66.250	2.4	1	0.6	66.3
70<= A <80	146.00	5.7	2	1.5	73.0	0.000	0.0	0	0.0	0.0
Total	2556.00	100.0	132	100.0	19.4	2772.065*	100.0	176	100.0	15.8

Note : * Excluding the wasteland

** Mizuno Koichi, Thai Noson No Shakaisoshiki (Social Structure of a Thai Village), Sobunsha, 1981. The size of area is classified as " 0<= A <3 " according to the book.

Table 8 Distribution of Total Operated Farm Land
and Households by Size in 1964 and 1980

(area : rai)

Year	1964					1980				
Area	Total Area		House-			Total Area		House-		
Operated=A	Operated(A)	%	hold(B)	%	A/B	Operated(A)	%	hold(B)	%	A/B
A=0						0.000	0.0	20	11.4	0.0
0< A <3	5.00	0.2	23	17.4	0.2	14.735	0.5	16	9.1	0.9
3<= A <10	103.00	4.1	16	12.1	6.4	221.035	8.0	36	20.5	6.1
10<= A <20	609.50	24.1	41	31.2	14.9	600.220	21.6	40	22.6	15.0
20<= A <30	585.50	23.2	25	18.9	23.4	952.945	34.4	39	22.2	24.4
30<= A <40	372.00	14.7	11	8.3	33.8	547.445	19.7	16	9.1	34.2
40<= A <50	312.50	12.4	7	5.3	44.6	260.735	9.4	6	3.4	43.5
50<= A <60	269.50	10.7	5	3.8	53.9	110.250	4.0	2	1.1	55.1
60<= A <70	267.00	10.6	4	3.0	66.8	67.250	2.4	1	0.6	67.3
70<= A <80	0.00	0.0	0	0.0	0.0	0.000	0.0	0	0.0	0.0
Total	2524.00	100.0	132	100.0	19.1	2774.615	100.0	176	100.0	15.8

Note : * Mizuno Koichi, Thai Noson No Shakaisoshiki (Social Structure of a Thai Village), Sobunsha, 1981. The size of area is classified as " 0<= A <3 " according to the book.

Table 9 Distribution of Households by Size of
Owned Paddy Land and Types of Paddy Farm

(D.D.1980)

Area Owned=A (rai)	Ow, Cl		Ll, Cl		Ll, Tn,		Ow, Tn,		HNK· KNK,		Ll, Non-		Total	
		(%)		(%)	Cl	(%)	Cl	(%)	Cl	(%)	cl	(%)		(%)
A=0	2	5.0	0	0.0	0	0.0	6	19.4	18	31.1	8	66.7	34	19.3
0< A <3	0	0.0	1	4.2	2	18.2	1	3.2	0	0.0	1	8.3	5	2.8
3<= A <10	10	25.0	7	29.2	1	9.1	13	41.9	14	24.1	3	25.0	48	27.3
10<= A <20	20	50.0	5	20.8	7	63.6	7	22.6	12	20.7	0	0.0	51	29.1
20<= A <30	4	10.0	5	20.8	0	0.0	3	9.7	6	10.3	0	0.0	18	10.2
30<= A <40	4	10.0	5	20.8	0	0.0	1	3.2	3	5.2	0	0.0	13	7.4
40<= A <50	0	0.0	0	0.0	1	9.1	0	0.0	4	6.9	0	0.0	5	2.8
50<= A <60	0	0.0	1	4.2	0	0.0	0	0.0	1	1.7	0	0.0	2	1.1
60<= A <70	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total	40	100.0	24	100.0	11	100.0	31	100.0	58	100.0	12	100.0	176	100.0
Average	14.53rai		18.77rai		13.81rai		8.45rai		12.58rai		1.58rai		12.47rai	

Notes: Ow:Owner Ll:Landlord Tn:Tenant Cl:Cultivator Non-cl:Non-cultivator
HNK·KNK:Het nam kan·kin nam kan (working together, eating together)

Table 10 Distribution of Households by Size of
Operated Paddy Land and Types of Paddy Farm

(D.D.1980)

Area Operated=A (rai)	Ow, Cl		Ll, Cl		Ll, Tn,		Ow, Tn,		HNK· KNK,		Ll, Non-		Total	
		(%)		(%)	Cl	(%)	Cl	(%)	Cl	(%)	cl	(%)		(%)
A=0	2	5.0	10	41.6	1	9.1	2	6.5	19	32.7	12	100.0	46	26.1
0< A <3	0	0.0	0	0.0	1	9.1	1	3.2	0	0.0	0	0.0	2	1.1
3<= A <10	10	25.0	4	16.7	3	27.3	5	16.1	13	22.4	0	0.0	35	19.9
10<= A <20	20	50.0	4	16.7	2	18.2	7	22.6	11	19.0	0	0.0	44	25.0
20<= A <30	4	10.0	5	20.8	4	36.3	13	41.9	7	12.1	0	0.0	33	18.8
30<= A <40	4	10.0	1	4.2	0	0.0	2	6.5	3	5.2	0	0.0	10	5.7
40<= A <50	0	0.0	0	0.0	0	0.0	1	3.2	4	6.9	0	0.0	5	2.8
50<= A <60	0	0.0	0	0.0	0	0.0	0	0.0	1	1.7	0	0.0	1	0.6
60<= A <70	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total	40	100.0	24	100.0	11	100.0	31	100.0	58	100.0	12	100.0	176	100.0
Average	14.53rai		8.96rai		13.14rai		16.95rai		12.89rai		0.00rai		12.58rai	

Notes: Ow:Owner Ll:Landlord Tn:Tenant Cl:Cultivator Non-cl:Non-cultivator
HNK·KNK:Het nam kan·kin nam kan (working together, eating together)

Table 11 Distribution of Households by Size of
Owned Farm Land and Types of Paddy Farm

(D.D.1980)

Area Owned=A (rai)	Ow, Cl		Ll, Cl		Ll, Tn,		Ow, Tn,		HNK· KNK,		Ll, Non-		Total	
		(%)		(%)	Cl	(%)	Cl	(%)	Cl	(%)	cl	(%)		(%)
A=0	0	0.0	0	0.0	0	0.0	1	3.2	9	15.5	8	66.7	18	10.2
0< A <3	2	5.0	1	4.2	1	9.1	5	16.1	5	8.6	1	8.3	15	8.5
3<= A <10	8	20.0	4	16.7	2	18.2	12	38.8	10	17.3	2	16.7	38	21.6
10<= A <20	16	40.0	6	24.9	5	45.4	7	22.6	14	24.3	1	8.3	49	27.9
20<= A <30	7	17.5	4	16.7	2	18.2	5	16.1	9	15.5	0	0.0	27	15.3
30<= A <40	7	17.5	7	29.1	0	0.0	1	3.2	2	3.4	0	0.0	17	9.7
40<= A <50	0	0.0	1	4.2	1	9.1	0	0.0	6	10.3	0	0.0	8	4.5
50<= A <60	0	0.0	1	4.2	0	0.0	0	0.0	2	3.4	0	0.0	3	1.7
60<= A <70	0	0.0	0	0.0	0	0.0	0	0.0	1	1.7	0	0.0	1	0.6
Total	40	100.0	24	100.0	11	100.0	31	100.0	58	100.0	12	100.0	176	100.0
Average	17.93rai		23.12rai		16.42rai		10.00rai		16.98rai		2.08rai		15.75rai	

Notes: Ow:Owner Ll:Landlord Tn:Tenant Cl:Cultivator Non-cl:Non-cultivator
HNK·KNK:Het nam kan·kin nam kan(working together, eating together)

Table 12 Distribution of Households by Size of
Operated Farm Land and Types of Paddy Farm

(D.D.1980)

Area Operated=A (rai)	Ow, Cl		Ll, Cl		Ll, Tn,		Ow, Tn,		HNK· KNK,		Ll, Non-		Total	
		(%)		(%)	Cl	(%)	Cl	(%)	Cl	(%)	cl	(%)		(%)
A=0	0	0.0	1	4.2	0	0.0	0	0.0	7	12.1	12	100.0	20	11.4
0< A <3	2	5.0	6	25.0	1	9.1	2	6.5	5	8.6	0	0.0	16	9.1
3<= A <10	8	20.0	6	25.0	3	27.3	6	19.4	13	22.4	0	0.0	36	20.5
10<= A <20	16	40.0	4	16.7	3	27.3	4	12.9	13	22.4	0	0.0	40	22.6
20<= A <30	7	17.5	5	20.8	3	27.3	15	48.3	9	15.6	0	0.0	39	22.2
30<= A <40	7	17.5	2	8.3	1	9.1	3	9.7	3	5.2	0	0.0	16	9.1
40<= A <50	0	0.0	0	0.0	0	0.0	1	3.2	5	8.6	0	0.0	6	3.4
50<= A <60	0	0.0	0	0.0	0	0.0	0	0.0	2	3.4	0	0.0	2	1.1
60<= A <70	0	0.0	0	0.0	0	0.0	0	0.0	1	1.7	0	0.0	1	0.6
Total	40	100.0	24	100.0	11	100.0	31	100.0	58	100.0	12	100.0	176	100.0
Average	17.93rai		12.08rai		16.28rai		19.21rai		17.12rai		0.00rai		15.76rai	

Notes: Ow:Owner Ll:Landlord Tn:Tenant Cl:Cultivator Non-cl:Non-cultivator
HNK·KNK:Het nam kan·kin nam kan(working together, eating together)

2. Economic Structure of Don Daeng

A. Production, Income, and Expenditure regarding Rice

Table 13 Distribution of Households by Size of Paddy Production and Types of Paddy Farm

(D.D.1980)

Paddy Production (thangs)	Ow, Cl		Ll, Cl		Ll, Tn		Ow, Tn		HNK•KNK		Ll, Non-cl		Total	
	C1	(%)	C1	(%)	C1	(%)	C1	(%)	C1	(%)	c1	(%)		(%)
A=0	17	42.5	18	75.0	9	81.8	20	64.5	32	55.2	12	100.0	108	61.2
0 < A < 50	11	27.5	2	8.3	1	9.1	3	9.7	6	10.3	0	0.0	23	13.1
50 <= A < 100	2	5.0	1	4.2	0	0.0	1	3.2	9	15.5	0	0.0	13	7.4
100 <= A < 200	3	7.5	2	8.3	0	0.0	3	9.7	3	5.2	0	0.0	11	6.3
200 <= A < 500	7	17.5	1	4.2	1	9.1	4	12.9	7	12.1	0	0.0	20	11.4
500 <= A	0	0.0	0	0.0	0	0.0	0	0.0	1	1.7	0	0.0	1	0.6
Total	40	100.0	24	100.0	11	100.0	31	100.0	58	100.0	12	100.0	176	100.0
Average	64.3thang		30.6thang		36.3thang		57.4thang		59.4thang		- thang		50.7thang	

Notes: Ow:Owner Ll:Landlord Tn:Tenant Cl:Cultivator Non-cl:Non-cultivator
HNK•KNK:Het nam kan•kin nam kan (working together, eating together)

1) Income per Household from Paddy Farming in 1980

Gross Revenue : A.Paddy Production (50.7thangs x 25baht) 1,268baht
B.Sale of the Old Rice 266baht
1,534baht

Cost : A.Seed for Rice (0.5thang/rai x 25.5baht) 160baht
B.Transplanting (hired labor) 25baht
C.Harvesting (hired labor) 4baht
D.Threshing (food) 26baht
E.Transport (hired) 8baht
F.Fertilizer (purchased) 19baht
242baht

Gross Revenue - Management Costs = Income = 1,292baht

(Income per Area : 226,847baht / 2214.21rai = 102.45baht/rai)

2) Rice Purchasing per Household in 1981

A. Average Monthly Quantity of Rice Purchased	3.5	<u>thangs</u> (thang=10kg)
B. Average Value per <u>Thang</u> of Rice Purchased	38.51	<u>baht</u>
C. Average Yearly Value of Rice Purchased	2,244	<u>baht</u>

<Notes>

- * Number of Households and Quantity of Rice Obtained
by Bartering for Chilies : 20 households, 174thangs and over
- * Number of Households and Quantity of Rice Obtained
as Free Gift : 21 households, 361thangs and over
- * Average Number of Months when Rice Stock is Insufficient
until November : 5.5 months
- * Very bad flood in 1980.

Table 14 Distribution of Households by Value of
Purchased Paddy and Types of Paddy Farm

(D. D. 1981)

Value of Paddy Purchased (1,000 <u>baht</u>)	Ow, Cl		Ll, Cl		Ll, Tn, Cl		Ow, Tn, Cl		HNK•KNK, Cl		Ll, Non-cl, cl		Total	
		(%)		(%)		(%)		(%)		(%)		(%)		(%)
A=0	18	45.0	7	29.2	4	36.3	10	32.4	39	67.2	1	8.3	79	44.9
0 < A < 1	1	2.5	2	8.3	0	0.0	1	3.2	4	6.9	1	8.3	9	5.1
1 <= A < 2	6	15.0	5	20.8	0	0.0	5	16.1	6	10.3	2	16.7	24	13.6
2 <= A < 3	2	5.0	4	16.7	1	9.1	1	3.2	3	5.2	3	25.0	14	8.0
3 <= A < 5	6	15.0	1	4.2	3	27.3	5	16.1	3	5.2	2	16.7	20	11.4
5 <= A < 10	5	12.5	5	20.8	3	27.3	5	16.1	3	5.2	3	25.0	24	13.6
10 <= A	2	5.0	0	0.0	0	0.0	4	12.9	0	0.0	0	0.0	6	3.4
Total	40	100.0	24	100.0	11	100.0	31	100.0	58	100.0	12	100.0	176	100.0
Average	2,497 <u>baht</u>		2,405 <u>baht</u>		3,497 <u>baht</u>		3,534 <u>baht</u>		838 <u>baht</u>		3,399 <u>baht</u>		2,244 <u>baht</u>	

Notes: Ow:Owner Ll:Landlord Tn:Tenant Cl:Cultivator Non-cl:Non-cultivator

HNK•KNK:Het nam kan•kin nam kan(working together, eating together)

B. Non Rice Income per Household

1) Income per Household from Upland Farming in 1980

Gross Revenue : <u>Cassava*</u>	<u>1,293baht</u>
	<u>1,293baht</u>
Cost : A. Harvesting (hired labor)	58baht
B. Weeding (hired labor)	30baht
C. Fertilizer (purchased)	11baht
D. Transportation (hired)	205baht
	<u>304baht</u>

Gross Revenue - Management Costs = Income = 989baht

(Income per Area : 172,203baht / 450.795rai = 382baht/rai)

<Notes>

* Negligible revenue from other upland crops is included.

2) Income per Household from Garden Farming in 1980

Gross Revenue : A. Chili	2,141baht
B. Others (Vegetables, Fruits)	1,360baht
	<u>3,501baht</u>
Cost : A. Fertilizer (purchased)	134baht
B. Insecticide (purchased)	84baht
	<u>217baht</u>

Gross Revenue - Management Costs = Income = 3,283baht

(Income per Area : 577,843baht / 109.61rai = 5,272baht/rai)

3) Income per Household from Kinds of Livestock and from the Total Livestock Production in 1980

Gross Revenue :

A. Buffaloes	1.6head* ¹ x <u>492baht</u> * ² /2.687head* ³ - cost ¹ = <u>296baht</u>
B. Cattle	0.4head* ¹ x <u>1,343baht</u> * ² /1.905head* ³ - cost ² = <u>278baht</u>
C. Horses	0.3head* ¹ x <u>8,923baht</u> * ² /1.468head* ³ - cost ³ = <u>846baht</u>
D. Pigs	0.5head* ¹ x <u>1,428baht</u> * ² /1.457head* ³ - cost ⁴ = <u>217baht</u>
	<u>1,637baht</u>

Cost¹(buffaloes): Cost is negligible

Cost²(cattle) : Cost is negligible

Cost³(horses) : Breeding(3,681baht/1.545head) & Feeding(706baht/1.833head)

Cost⁴(pigs) : Feeding(1,032baht/1.916head)

<Notes>

*1 : Average Heads Owned of Livestock in 1980.

*2 : Average Value per Head of Livestock according to Yano H., "Animal Husbandry" (The Second Interim Report) .

*3 : Average Heads Owned of Livestock according to the Yano's paper.

4) Income per Household from Fishing in 1980		
A. Selling of Fishing Right in Paddy Field		: 572 <u>baht</u>
5) Income per Household from Rural Enterprises and Farmer's Self Employment in 1980		
A. Rural Enterprises	1,098	<u>baht</u>
B. Farmer's Self Employment	4,166	<u>baht</u>
	5,264	<u>baht</u>
6) Income per Household from Wage Labor in 1980		
A. Government Employment	3,130	<u>baht</u>
B. Private Employment	6,460	<u>baht</u>
	9,590	<u>baht</u>
7) Revenue and Expenditure regarding Capital Services per Household in 1980		
Revenue : A. Rice Obtained as Rentals of Share-cropping	(9.9 <thangs< th=""> x 25<u>baht</u>)</thangs<>	248 <u>baht</u>
B. Rental Payments(cash) of Upland		14 <u>baht</u>
		<u>262baht</u>
Expenditure : A. Rice Given as Rentals of Share-cropping	(3.8 <thangs< th=""> x 25<u>baht</u>)</thangs<>	95 <u>baht</u>
B. Rental Payments(cash) of Baffalo and Water Pump		32 <u>baht</u>
C. Rental Payments(cash) of Upland		10 <u>baht</u>
D. Ploughing(rental payments of tractor)		26 <u>baht</u>
		<u>163baht</u>
Revenue - Expenditure =		99 <u>baht</u>
8) Other Income per Household		
Revenue : A. Remittances from children		621 <u>baht</u>
B. Interest, Gamble, Lottery and others		294 <u>baht</u>
		<u>915baht</u>

Table 15 Households by Amount of Non Rice Income and Types of Paddy Farm

(D. D. 1980)

Non Rice Income (1,000 <u>baht</u>)	Ow,		Ll,		Ll,		Ow,		HNK•		Ll,		Total	
	C1	(%)	C1	(%)	Tn,	(%)	C1	(%)	C1	(%)	Non-cl	(%)		(%)
0<= A <10	8	20.0	7	29.2	2	18.2	10	32.3	19	32.8	2	16.7	48	27.3
10<= A <20	12	30.0	7	29.2	3	27.3	8	25.8	21	36.1	0	0.0	51	28.9
20<= A <30	10	25.0	3	12.5	2	18.2	8	25.8	11	19.0	4	33.3	38	21.6
30<= A <50	8	20.0	4	16.6	0	0.0	4	12.9	4	6.9	3	25.0	23	13.1
50<= A	2	5.0	3	12.5	4	36.3	1	3.2	3	5.2	3	25.0	16	9.1
Total	40	100.0	24	100.0	11	100.0	31	100.0	58	100.0	12	100.0	176	100.0
Average	21,962	<u>baht</u>	24,295	<u>baht</u>	42,868	<u>baht</u>	18,825	<u>baht</u>	16,988	<u>baht</u>	35,950	<u>baht</u>	22,349	<u>baht</u>

Notes: Ow:Owner Ll:Landlord Tn:Tenant C1:Cultivator Non-cl:Non-cultivator

HNK•KNK:Het nam kan•kin nam kan (working together, eating together)

Table 16 Distribution of Rice and Non Rice Income
by Types of Paddy Farm

(D.D.1980)

Types of Paddy Farm	Farm Household in HNK•KNK				
	Total	A≥20	20>A≥10	10>A>0	A=0
Area of Paddy Land Owned =A(rai)					
No. of Household	58	14	12	14	18
Rice Income (baht)	1460	2987	2080	485	563
Rice Production (thang)	59	101	61	50	33
Total Rice Obtained (thang)	63	106	70	50	35
Rice Purchased (baht)	838	585	650	1125	936
Non Rice Income (baht)	16988	20280	16141	19366	13142
Upland Farming	1272	1980	1102	411	1504
Garden Farming	3042	5287	3145	2653	1530
Livestock	1471	3785	959	786	546
Fishing	310	436	196	500	142
Rural Enterprises & Self Employment	3593	5086	1796	5041	2503
Wage Labor	6722	2486	7845	9904	6794
Capital Services	-101	-43	221	-379	-144
Others	678	1264	878	450	267
Total Income (baht)	18448	22217	16749	21183	14584
Area of Paddy Land Owned (rai)	13	34	14	6	0
Area of Paddy Land Operated (rai)	13	32	14	8	1

Note:* Farm Household in HNK•KNK : Those households in cooperative relationship for farming and consumption.

(D.D.1980)

Types of Paddy Farm	Independent Farming Household					Total
	Total	A≥20	20>A≥10	10>A>0	A=0	
Area of Paddy Land Owned =A(rai)						
No. of Household	118	24	39	39	16	176
Rice Income (baht)	1205	2777	1348	482	259	1292
Rice Production (thang)	46	76	65	24	13	51
Total Rice Obtained (thang)	65	136	74	31	14	64
Rice Purchased (baht)	2935	1642	3255	3667	2314	2244
Non Rice Income (baht)	24984	30134	23777	22035	27390	22349
Upland Farming	849	1155	1178	469	518	989
Garden Farming	3402	3756	4912	2255	1984	3283
Livestock	1720	3315	1648	1009	1233	1638
Fishing	701	1400	683	521	138	572
Rural Enterprises & Self Employment	6085	7656	6758	6390	1344	5264
Wage Labor	11000	10743	6873	10855	21796	9590
Capital Services	196	1399	-60	-139	-171	98
Others	1032	708	1787	674	548	915
Total Income (baht)	26189	32911	25126	22517	27648	23641
Area of Paddy Land Owned (rai)	12	30	14	5	0	12
Area of Paddy Land Operated (rai)	12	22	14	8	5	13

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