

1. SUBJECT CLASSIFICATION	A. PRIMARY Agriculture	AE10-0000-G750
	B. SECONDARY Agricultural economics--Thailand	

2. TITLE AND SUBTITLE Summary tables: average costs and returns, for years June 1967 through June 1969 for farms in Tambon Kungsamphaow, Thachanuan and Hangnamsakhon, Amphoe Manorom, Changwat Chainat (Thailand)

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4. DOCUMENT DATE 1969	5. NUMBER OF PAGES 31p.	6. ARC NUMBER ARC TH338.13.G799
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7. REFERENCE ORGANIZATION NAME AND ADDRESS
 Cornell

8. SUPPLEMENTARY NOTES (*Sponsoring Organisation, Publishers, Availability*)
 (In Occasional paper no.18-19)

9. ABSTRACT

10. CONTROL NUMBER PN-RAA- 322	11. PRICE OF DOCUMENT
12. DESCRIPTORS Benefit cost analysis Thailand Data Farms, small Profits	13. PROJECT NUMBER
	14. CONTRACT NUMBER CSD-1438 Res.
	15. TYPE OF DOCUMENT

TH
338.13

G. A. 99

2d C/S.

KASETSART-CORNELL AGRICULTURAL ECONOMICS RESEARCH PROJECT

Summary Tables:

Average costs and returns
for two years, June 1967, through June 1968,
for 139 farmers in
Tambon Kungsamphaow, Thachanuan and Hangnamsakhon,
Amphoe Manorom, Changwat Chainat

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Kasetsart University, March, 1969

Occasional Paper No. 13
Department of Agricultural Economics
Cornell University
USAID Prices Research Project

This Project was made Possible Through Funds Provided
by

USOM and Cornell University

A.I.D.
Reference Center
Room 1656 N3

INTRODUCTION

This is the fifth set of summary tables presented by the Kasetsart-Cornell Agricultural Economics Research Project in Amphoe Manorom. The other mimeo are (1) 1967 crop production (2) Rice double cropping (3) Data on Social factors, tractor, water pump and chemical use (4) 1968 crop production figures.

Data was collected between April 30, 1968 and March 3, 1969. No attempt has been made to analyze the data at this time.

Several factors must be noted concerning these cost and revenue figures.

- A. A farmer's position in a size class farmed was originally determined by the number of rai as obtained from the sample. This differs from the actual amount farmed in about fourteen cases.
- B. Where rice had not yet been sold, both the amount to be sold and the future price were estimated. It was valued at 12.5 Baht per tang, the average price for Tambon Thachanuan.
- C. Rice kept for family use was valued at first sale price. Where no sale had yet been made, it was valued at 12.5 baht per tang. This is considered a revenue.
- D. These figures do not include any dry season 1967 figures. Note that rice produced during 1967 was sold late in calendar year 1967 or throughout calendar year 1968. All rice sold from one season's production is included in that year's figures.
- E. Storage loss and feed costs were valued at sale price or 12.5 baht per tang.
- F. Costs refer to variable costs. Marketing costs are included under the "Hired Truck" column. Land taxes, depreciation costs and family and owners' wages are not included though listed separately.
- G. The heading "Capital Equipment" includes hand and pump sprayers (average value 100 baht), carts (average value 700 baht), boats (average value 280 baht), water pumps (average value 2,600 baht), tractors (average value 80,000 baht), rice storage houses (average value 2,000 baht), livestock pens (average value 135 baht), farmer's house (average value 11,500 baht). Average figures were taken from Tambon Thachanuan with 58 farmers or 10% of the farmers in that tambon.
- H. Chickens and ducks were valued at 10 baht, cows at 1,000 baht, buffalo at 1,500 baht, pigs at 600 baht, unless otherwise specified by the farmer.
- I. Part time farm work includes part time family labor hired out for farming operations such as transplanting and harvesting.

Off-farm work includes non-farm work such as selling drinks and foods, carpentry, carrying, weaving, digging ponds. This work may or may not be done at home but is often concentrated during slack work periods on the farm, for example, after transplanting and harvesting.
- J. Averages by farm size class are by actual number of farmers involved. Final tambon averages are given for both number reporting as well as the complete sample for the tambon.

- K. For 1968, total rice sale was estimated. Where no sale had yet occurred the price/tang was taken to be 12.5 baht.
- L. For 1968, home consumption value of rice was taken to be the same as for 1967 except in those cases where yields this year > last year and the farmer estimated keeping more at home.

Average Baht Costs for 17 Farmers in Tambon Kungsamphaow, Amphoe Manorom, June, 1967-June, 1968^{1/}

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average, All Farmers
No. Farmers per class	1	2	4	2	5	2	1		17
Full-Time Labor	-	-	-	-	-	-	4,100	4,100 ^{(1)§}	241
Hired Labor	-	348 ⁽¹⁾	1,476 ⁽⁴⁾	-	1,315 ⁽⁵⁾	3,378 ⁽²⁾	2,760	1,719 ⁽¹³⁾	1,314
Hired Truck	80	120 ⁽¹⁾	179 ⁽⁴⁾	60 ⁽¹⁾	378 ⁽⁵⁾	200 ⁽¹⁾	800	276 ⁽¹⁴⁾	227
Hired Tractor	120	676 ⁽²⁾	840 ⁽⁴⁾	600 ⁽²⁾	732 ⁽⁴⁾	1,327 ⁽²⁾	2,000	851 ⁽¹⁶⁾	801
Hired Buffalo	-	-	-	1,300 ⁽¹⁾	-	-	-	1,300 ⁽¹⁾	76
Land Rented in	-	-	705 ⁽³⁾	5,500 ⁽¹⁾	3,717 ⁽³⁾	1,200 ⁽²⁾	-	2,462 ⁽⁹⁾	1,304
Fertilizer Costs	-	484 ⁽²⁾	600 ⁽²⁾	400 ⁽¹⁾	605 ⁽⁴⁾	350 ⁽²⁾	200	490 ⁽¹²⁾	346
Insecticide Costs	-	115 ⁽²⁾	211 ⁽¹⁾	200 ⁽¹⁾	420 ⁽¹⁾	50 ⁽¹⁾	-	185 ⁽⁶⁾	65
Herbicide Costs	36	55 ⁽²⁾	131 ⁽⁴⁾	51 ⁽²⁾	156 ⁽⁵⁾	194 ⁽²⁾	400	139 ⁽¹⁷⁾	137
Crab Killer Costs	10	21 ⁽²⁾	33 ⁽⁴⁾	22 ⁽¹⁾	23 ⁽⁵⁾	37 ⁽²⁾	50	29 ⁽¹⁶⁾	26
Seed Costs	208	400 ⁽²⁾	672 ⁽⁴⁾	1,299 ⁽²⁾	636 ⁽⁵⁾	1,020 ⁽²⁾	1,722	778 ⁽¹⁷⁾	778
Canal Costs	0	300 ⁽²⁾	394 ⁽⁴⁾	-	350 ⁽¹⁾	800 ⁽¹⁾	0	415 ⁽⁸⁾	196
Water Pump, Gas & Oil Costs	-	304 ⁽²⁾	320 ⁽³⁾	879 ⁽¹⁾	555 ⁽²⁾	195 ⁽²⁾	600	413 ⁽¹¹⁾	267
Storage Costs	-	-	65 ⁽¹⁾	-	-	-	-	65 ⁽¹⁾	4
Storage Loss	81	231 ⁽¹⁾	685 ⁽¹⁾	275 ⁽¹⁾	306 ⁽²⁾	280 ⁽¹⁾	-	305 ⁽⁷⁾	126
Livestock Feed	-	95 ⁽²⁾	-	125 ⁽¹⁾	25 ⁽¹⁾	36 ⁽¹⁾	125	87 ⁽⁶⁾	31

Average Baht Costs for 17 Farmers in Tambon Kungsamphaow, Amphoe Manoron, June, 1967-June, 1968^{1/} (con't)

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average, All Farmers
Rice Bought For Home Use	-	-	840 ⁽¹⁾	-	-	-	-	570 ⁽²⁾	67
A V C	535	2,798 ⁽²⁾	5,494 ⁽⁴⁾	6,331 ⁽²⁾	6,370 ⁽⁵⁾	8,396 ⁽²⁾	12,857	6,016 ⁽¹⁷⁾	6,016
Value of Rice Used at Home	1,523	2,033 ⁽²⁾	2,700 ⁽³⁾	3,710 ⁽²⁾	2,770 ⁽⁵⁾	2,050 ⁽²⁾	5,000	2,003 ⁽¹⁷⁾	2,003
Capital Equipment Bought '67	100	3,595 ⁽¹⁾	12,022 ⁽⁴⁾²	785 ⁽²⁾	16,467 ⁽³⁾²	15,030 ⁽²⁾³	1,200	8,500 ⁽¹⁴⁾	7,000

^{1/} These figures do not include costs for dry season crops grown in 1967.

² One farmer (in each class) built a new house for 40,000 Baht.

³ One farmer bought a harrowing machine for 15,000 baht.

[#] Figures in brackets equal no. of farmers.

Average Baht Revenue for 17 Farmers, Tambon Kung'amphaow, Amphoe Manoron, 1967¹

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
No. Farmers per class	1	2	4	2	5	2	1		17
Rice Sales	1,015	7,140 ⁽²⁾²	7,941 ⁽⁴⁾	3,250 ⁽¹⁾	14,062 ⁽⁴⁾	7,845 ⁽²⁾	-	8,732 ⁽¹⁴⁾	7,191
Corn Sales	-	-	-	-	-	-	-	-	-
Vegetable Sales	-	2,800 ⁽²⁾	1,700 ⁽¹⁾	1,500 ⁽¹⁾	4,000 ⁽¹⁾	-	-	2,560 ⁽⁵⁾	753
Fruit Sales	-	-	-	-	1,250 ⁽²⁾	-	400	967 ⁽³⁾	171
Livestock Sales	1,500	40 ⁽¹⁾	1,380 ⁽²⁾	800 ⁽²⁾	-	1,500 ⁽¹⁾	-	1,057 ⁽⁷⁾	435
Equipment Sales	-	-	5,500 ⁽¹⁾	-	-	-	-	5,500 ⁽¹⁾	324
Land Rented Out	-	-	-	-	-	-	1,040	1,040 ⁽¹⁾	61
Tractor Rented Out	-	-	-	-	-	-	-	-	-
Livestock Rented Out	-	-	250 ⁽¹⁾	-	-	-	75	162 ⁽²⁾	19
Water Pump Rented Out	-	-	-	-	## ⁽¹⁾	-	## ⁽¹⁾	0 ⁽²⁾	-
Part-Time Farm Work	-	-	-	132 ⁽¹⁾	400 ⁽²⁾	-	-	310 ⁽³⁾	55
A R ³	2,515 ⁽¹⁾	9,960 ⁽²⁾	10,494 ⁽⁴⁾	3,241 ⁽²⁾	12,710 ⁽⁵⁾	8,595 ⁽²⁾	1,515	9,010 ⁽¹⁷⁾	9,010
Off-Farm Work	-	1,000 ⁽¹⁾	1,600 ⁽³⁾	1,000 ⁽¹⁾	2,400 ⁽²⁾	600 ⁽¹⁾	7,200	2,300 ⁽⁸⁾	1,082

1. These figures do not include returns for a double crop of rice or vegetables in dry season, 1967.

2. Figures in brackets indicate no. of farmers.

Both these farmers lent their water pumps to other farmers free of charge.

3. Average revenue figures do not include value of rice retained for home use.

Average Baht Costs for 58 Farmers in Tambon Thachanuan, Amphoe Manorom, for June 1967-June 1968.

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
No. Farmers per class	2	8	18	8 ²	7	5	10 ³	-	58
Full-Time Labor	-	-	3,035 ^{(2)†}	-	-	3,240 ⁽¹⁾	2,320 ⁽¹⁾	2,908 ⁽⁴⁾	238
Hired Labor	120 ⁽¹⁾	358 ⁽⁶⁾	927 ⁽¹⁸⁾	1,134 ⁽⁶⁾	1,595 ⁽⁷⁾	2,738 ⁽⁵⁾	2,235 ⁽¹⁰⁾	1,377 ⁽⁵³⁾	1,258
Hired Truck	-	120 ⁽⁵⁾	234 ⁽⁸⁾	95 ⁽⁴⁾	280 ⁽¹⁾	461 ⁽⁴⁾	400 ⁽⁷⁾	268 ⁽²⁹⁾	134
Hired Tractor	-	168 ⁽²⁾	244 ⁽¹³⁾	880 ⁽⁵⁾	227 ⁽⁶⁾	420 ⁽⁵⁾	553 ⁽⁸⁾	405 ⁽³⁹⁾	271
Hired Buffalo	200 ⁽¹⁾	-	325 ⁽²⁾	-	-	-	-	283 ⁽³⁾	15
Land Rented in	-	1,139 ⁽⁵⁾	1,325 ⁽¹⁰⁾	1,100 ⁽¹⁾	2,810 ⁽³⁾	2,900 ⁽³⁾	2,860 ⁽⁷⁾	1,972 ⁽²⁹⁾	986
Fertilizer Costs	100 ⁽¹⁾	267 ⁽³⁾	283 ⁽¹¹⁾	510 ⁽³⁾	320 ⁽⁵⁾	660 ⁽⁵⁾	603 ⁽⁸⁾	426 ⁽³⁶⁾	265
Insecticide Costs	20 ⁽¹⁾	16 ⁽²⁾	52 ⁽⁶⁾	28 ⁽⁶⁾	17 ⁽²⁾	22 ⁽¹⁾	46 ⁽⁶⁾	36 ⁽²⁴⁾	15
Herbicide Costs	-	23 ⁽⁵⁾	53 ⁽¹⁶⁾	35 ⁽⁴⁾	50 ⁽⁵⁾	74 ⁽²⁾	74 ⁽⁹⁾	53 ⁽⁴¹⁾	37
Crab Killer Costs	11 ⁽¹⁾	8 ⁽³⁾	15 ⁽¹⁴⁾	21 ⁽⁶⁾	18 ⁽⁴⁾	15 ⁽³⁾	20 ⁽⁹⁾	17 ⁽⁴⁰⁾	11
Seed Costs	190 ⁽²⁾	200 ⁽⁸⁾	318 ⁽¹⁸⁾	325 ⁽⁸⁾	450 ⁽⁷⁾	702 ⁽⁵⁾	931 ⁽¹⁰⁾	45 ⁽⁵⁸⁾	450
Canal Costs	69 ⁽¹⁾	253 ⁽²⁾	175 ⁽¹⁸⁾	327 ⁽³⁾	218 ⁽²⁾	-	707 ⁽⁴⁾	306 ⁽²⁸⁾	156
Water Pump, Gas & Oil Costs	757 ⁽¹⁾	700 ⁽¹⁾	192 ⁽⁶⁾	1,145 ⁽⁴⁾	442 ⁽³⁾	91 ⁽²⁾	246 ⁽⁵⁾	455 ⁽²²⁾	174
Storage Costs	-	200 ⁽¹⁾	150 ⁽²⁾	150 ⁽¹⁾	-	-	420 ⁽¹⁾	214 ⁽⁵⁾	18
Storage Loss	120 ⁽¹⁾	147 ⁽⁶⁾	256 ⁽¹⁴⁾	149 ⁽⁷⁾	243 ⁽⁴⁾	897 ⁽¹⁾	385 ⁽⁹⁾	261 ⁽⁴²⁾	189
Livestock Feed	240 ⁽¹⁾	159 ⁽⁴⁾	126 ⁽¹⁴⁾	99 ⁽⁵⁾	147 ⁽⁷⁾	146 ⁽⁴⁾	86 ⁽⁷⁾	127 ⁽⁴²⁾	92

Average Baht Costs for 58 Farmers in Tambon Thachanuan, Amphoe Manorom, for June 1967-June 1968¹ (cont.)

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
Rice Bought for Home Use	-	-	-	2,800 ⁽¹⁾	-	2,700 ⁽¹⁾	-	2,750 ⁽²⁾	95
A V C	913 ⁽²⁾	1,680 ⁽⁸⁾	3,440 ⁽¹⁸⁾	3,413 ⁽⁸⁾	4,301 ⁽⁷⁾	8,193 ⁽⁵⁾	7,531 ⁽¹⁰⁾	4,335 ⁽⁵⁸⁾	4,335
Value of Rice Used at Home	1,166 ⁽²⁾	1,819 ⁽⁸⁾	1,969 ⁽¹⁸⁾	2,670 ⁽⁷⁾	1,979 ⁽⁷⁾	1,994 ⁽⁴⁾	2,760 ⁽¹⁰⁾	2,151 ⁽⁵⁶⁾	2,076
Capital Equipment Bought '67	400 ⁽¹⁾	4,475 ⁽³⁾	1,459 ⁽⁵⁾	12,531 ⁽⁴⁾ ⁴	37 ⁽³⁾	132 ⁽⁴⁾	631 ⁽⁶⁾	2,910 ⁽²⁶⁾	1,304

1. These figures do not include costs for dry season crops grown in 1967. (Only 4 farmers in the sample grew crops in that dry season).
2. One farmer stopped growing rice 10 years ago; and
3. - one 20 years ago.
4. One farmer constructed a house for Baht 40,900.

Average Baht Revenue for 58 Farmers, Tambon Thachanuan, Amphoe Manorom, 1967¹

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
No. Farmers per class	2	8	18	8 ²	7	5	10 ³		58
Rice Sales	1,800 ^{(1)†}	4,643 ⁽⁷⁾	6,698 ⁽¹⁸⁾	8,887 ⁽⁷⁾	10,064 ⁽⁷⁾	22,519 ⁽⁵⁾	17,908 ⁽¹⁰⁾	8,712 ⁽⁵⁵⁾	8,262
Corn Sales	-	-	-	3,352 ⁽³⁾	2,100 ⁽¹⁾	-	-	3,039 ⁽⁴⁾	210
Vegetables Sales	-	-	-	2,150 ⁽¹⁾	-	-	-	2,150 ⁽¹⁾	37
Fruit Sales	-	-	-	-	-	1,400 ⁽¹⁾	1,933 ⁽³⁾	2,400 ⁽³⁾	124
Livestock	3,000 ⁽¹⁾	30 ⁽¹⁾	7,023 ⁽³⁾	2,715 ⁽⁴⁾	102 ⁽⁵⁾	1,533 ⁽⁵⁾	60 ⁽³⁾	2,012 ⁽²⁰⁾	694
Equipment Sales	-	-	-	-	-	-	600 ⁽¹⁾	600 ⁽¹⁾	10
Land Rented Out	-	-	1,950 ⁽¹⁾	6,500 ⁽¹⁾	3,425 ⁽²⁾	-	2,100 ⁽¹⁾	3,500 ⁽⁵⁾ [1 free]	301
Tractor Rented Out	-	-	-	19,000 ⁽¹⁾	-	-	-	19,000 ⁽¹⁾	327
Livestock Rented Out	-	-	402 ⁽¹⁾	-	-	-	-	402 ⁽¹⁾	7
Water Pump Rented Out	-	-	-	-	2,500 ⁽¹⁾	-	1,000 ⁽¹⁾	1,750 ⁽²⁾ [2 free]	60
Part-Time Farm Work	50 ⁽¹⁾	577 ⁽⁴⁾	520 ⁽⁵⁾	175 ⁽²⁾	-	300 ⁽¹⁾	200 ⁽¹⁾	420 ⁽¹⁴⁾	101
Average Revenue ⁴	4,850 ⁽¹⁾	4,364 ⁽⁸⁾	8,655 ⁽¹⁸⁾	13,641 ⁽⁸⁾	11,772 ⁽⁷⁾	23,799 ⁽⁵⁾	18,546 ⁽¹⁰⁾	13,364 ⁽⁵⁷⁾	11,927
Off-Farm Work	1,500 ⁽¹⁾	1,350 ⁽⁴⁾	1,924 ⁽¹⁰⁾	-	-	400 ⁽¹⁾	1,120 ⁽⁵⁾	1,531 ⁽²¹⁾	554

1. These figures do not include returns for a double crop of rice or vegetables grown in the dry season of 1967.

2. One farmer stopped farming 10 years ago.

3. One farmer grew only a rice double crop in 1967. Stopped regular farming 20 years ago.

† Figures in brackets equal no. of farmers.

4. Average revenue figure does not include the value of rice retained for home use.

Average Baht Costs for 65 Farmers in Tambon Hangnamsakhon, Ampnoe Manorom, June 1967 to June 1968¹

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
No. Farmers per class	0	3	11	8	10 ²	10	22		64
Full Time Labor	-	-	-	-	3,415 ⁽¹⁾³	-	2,300 ⁽²⁾	2,671 ⁽³⁾	125
Hired Labor	-	-	806 ⁽⁷⁾	509 ⁽⁵⁾	690 ⁽⁹⁾	755 ⁽⁸⁾	1,634 ⁽¹⁶⁾	1,035 ⁽⁴⁵⁾	728
Hired Truck	-	-	450 ⁽¹⁾	173 ⁽³⁾	262 ⁽²⁾	400 ⁽²⁾	545 ⁽⁶⁾	398 ⁽¹⁴⁾	87
Hired Tractor	-	240 ⁽³⁾	402 ⁽⁶⁾	403 ⁽⁸⁾	646 ⁽⁹⁾	1,209 ⁽⁷⁾	1,255 ⁽¹⁹⁾	855 ⁽⁵²⁾	695
Hired Buffalo	-	-	600 ⁽¹⁾	-	-	567 ⁽³⁾	600 ⁽¹⁾	580 ⁽⁵⁾	45
Land Rented In	-	-	-	1,125 ⁽³⁾	2,087 ⁽³⁾	2,233 ⁽⁶⁾⁴	1,613 ⁽⁷⁾	1,806 ⁽¹⁹⁾	536
Fertilizer Costs	-	-	27 ⁽³⁾	700 ⁽¹⁾	-	301 ⁽⁶⁾	366 ⁽¹⁰⁾	312 ⁽²⁰⁾	98
Insecticide Costs	-	39 ⁽³⁾	60 ⁽²⁾	110 ⁽⁴⁾	30 ⁽²⁾	44 ⁽⁵⁾	81 ⁽⁶⁾	66 ⁽²²⁾	22
Herbicide Costs	-	54 ⁽³⁾	65 ⁽⁵⁾	142 ⁽⁵⁾	57 ⁽³⁾	33 ⁽⁵⁾	120 ⁽¹¹⁾	90 ⁽³²⁾	44
Crab Killer Costs	-	-	27 ⁽³⁾	108 ⁽²⁾	39 ⁽²⁾	37 ⁽²⁾	37 ⁽⁸⁾	44 ⁽¹⁷⁾	11
Seed Costs	-	224 ⁽³⁾	376 ⁽¹¹⁾	651 ⁽⁸⁾	780 ⁽¹⁰⁾	653 ⁽¹⁰⁾	1,261 ⁽²²⁾	807 ⁽⁶⁴⁾	807
Canal Costs	-	-	-	-	-	-	-	-	-
Water Pump, Gas and Oil Costs	-	-	-	1,410 ⁽¹⁾	-	225 ⁽²⁾	606 ⁽⁶⁾	610 ⁽⁹⁾	86
Storage Costs	-	-	-	-	-	-	-	-	-
Storage Loss	-	28 ⁽²⁾	218 ⁽⁹⁾	198 ⁽⁸⁾	174 ⁽⁹⁾	196 ⁽⁹⁾	388 ⁽²²⁾	263 ⁽⁵⁹⁾	242

Average Baht Costs for 65 Farmers in Tambon Hangnamsakhon, Ampnoe Manorom, June 1967-June 1968¹ (con'tt)

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
Livestock Feed	-	142 ⁽²⁾	128 ⁽⁸⁾	97 ⁽⁶⁾	273 ⁽⁶⁾	74 ⁽⁷⁾	182 ⁽¹³⁾	153 ⁽⁴²⁾	101
Rice Bought for Home Use	-	300 ⁽¹⁾	1,690 ⁽³⁾	500 ⁽¹⁾	923 ⁽⁴⁾	1,025 ⁽²⁾	2,677 ⁽³⁾	1,403 ⁽¹⁴⁾	307
A V C	-	771 ⁽³⁾	1,978 ⁽¹¹⁾	2,628 ⁽⁸⁾	3,642 ⁽¹⁰⁾	4,372 ⁽¹⁰⁾	5,815 ⁽²²⁾	3,956 ⁽⁶⁴⁾	3,956
Value of Rice Used at Home	-	1,476 ⁽³⁾	2,312 ⁽¹¹⁾	2,427 ⁽⁸⁾	2,438 ⁽¹⁰⁾	2,709 ⁽⁹⁾	3,335 ⁽²²⁾	2,721 ⁽⁶³⁾	2,679
Capital Equipment Bought in '67	-	45 ⁽¹⁾	2,410 ⁽⁷⁾ ⁵	3,282 ⁽⁵⁾	1,800 ⁽⁸⁾	4,376 ⁽⁴⁾	2,343 ⁽¹²⁾ ⁵	2,523 ⁽³⁷⁾	1,427

1. These figures do not include costs for a double crop of rice or vegetables grown in the dry season of 1967.
2. One farmer stopped farming 7 years ago.
3. Figures in brackets equal no. of farmers.
4. Includes two farmers who rented land free.
5. One farmer paid 10,000 baht for a rice storage house.

Average Baht Revenue for 65 Farmers, Tambon Hangnamsakhon, Amphoe Manorom, June 1967-June 1968¹

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
No. Farmers per class	0	3	11	8	10 ²	10	22		64
Rice Sales	-	1,100 ⁽³⁾³	3,878 ⁽⁸⁾	2,053 ⁽⁶⁾	6,501 ⁽⁶⁾	7,325 ⁽⁶⁾	10,502 ⁽¹⁶⁾	6,615 ⁽⁴⁵⁾	4,651
Corn Sales	-	-	4,312 ⁽¹⁾	1,000 ⁽¹⁾	2,454 ⁽³⁾	9,667 ⁽⁵⁾	9,192 ⁽⁹⁾	7,566 ⁽¹⁹⁾	2,246
Vegetables Sales	-	-	2,052 ⁽¹⁾	-	1,050 ⁽¹⁾	2,041 ⁽⁴⁾	1,156 ⁽⁴⁾	1,589 ⁽¹⁰⁾	248
Fruit Sales	-	-	-	-	-	-	-	-	-
Livestock Sales	-	245 ⁽²⁾	955 ⁽⁶⁾	1,050 ⁽²⁾	1,116 ⁽³⁾	637 ⁽⁴⁾	2,526 ⁽⁹⁾	1,421 ⁽²⁶⁾	578
Equipment Sales	-	-	-	-	-	-	-	-	-
Land Rented Out	-	-	-	267 ⁽³⁾	2,500 ⁽¹⁾	1,200 ⁽¹⁾	808 ⁽⁶⁾	850 ⁽¹¹⁾	146
Tractor Rented Out	-	-	-	-	-	-	-	-	-
Livestock Rented Out	-	-	-	-	-	-	-	-	-
Water Pump Rented Out	-	-	-	-	-	-	-	-	-
Part-Time Farm Work ⁴	-	-	4,000 ⁽²⁾	-	150 ⁽³⁾	-	185 ⁽²⁾	1,260 ⁽⁷⁾	138
A R ⁵	-	1,263 ⁽³⁾	4,747 ⁽¹¹⁾	2,031 ⁽⁸⁾	5,372 ⁽¹⁰⁾	10,420 ⁽¹⁰⁾	12,879 ⁽²²⁾	8,024 ⁽⁶⁴⁾	8,024
Off-Farm Work	-	9,000 ⁽¹⁾⁶	500 ⁽¹⁾	-	1,500 ⁽¹⁾	1,340 ⁽³⁾	3,333 ⁽³⁾⁵	2,780 ⁽⁹⁾	391

1. These figures do not include returns for a double crop of rice or vegetables grown during the dry season of 1967.

2. One farmer stopped farming 7 years ago.

3. Figures in brackets equal no. of farmers.

4. Including profits on the purchase and sale of livestock

5. Average revenue figures do not include the value of rice retained for home use.

6. One man is a teacher.

Comparison of Costs for 3 Tambon (Baht)

	<u>Kungsamphaow</u>	<u>Thachanuan</u>	<u>Hangnamsakhon</u>
No. Farmers	17	58	64
Full time labor	241	238	125
Hired Labor	1,314	1,258	728
Hired Truck	227	134	87
Hired Tractor	801	271	695
Hired Buffalo	76	15	45
Land Rented In	1,304	986	536
Fertilizer Costs	346	265	98
Insecticide Costs	65	15	22
Herbicide Costs	137	37	44
Crab Killer Costs	26	11	11
Seed Costs	778	450	807
Canal Costs	196	156	-
Water Pump, (Gas & Oil) Costs	267	174	86
Storage Costs	4	18	-
Storage Loss	126	189	242
Livestock Feed	31	92	101
Rice Bought In	67	95	307
Variable Costs	6,016	4,381	3,956
Capital Equipment	7,000	1,304	1,427

1. Most farmers in this area either get water from the R.I.D. canals (free of charge) or have no water.

Comparison of Revenue for 3 Tambon (Baht)

	<u>Kungsamphaow</u>	<u>Thachanuan</u>	<u>Hangnamsakhon</u>
No. Farmers	17	58	64
Rice Sales	7,191	8,262	4,651
Corn Sales	-	210	2,246
Vegetables Sales	753	37	248
Fruit Sales	171	124	-
Livestock Sales	435	694	578
Equipment Sales	324	10	-
Land Rented Out	61	301	146
Tractor Rented Out	-	327	-
Livestock Rented Out	19	7	-
Water Pump Rented Out	-	60	-
Part-Time Farm Work	55	101	138
Average Revenue	9,010	1,927	8,024
Value of Rice for Home Use	2,003	2,076	2,680
Average Revenue Including			
Rice for Home Use	11,012	14,003	10,703
Off-Farm Work	1,082	554	391

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KASETSART-CORNELL AGRICULTURAL ECONOMICS RESEARCH PROJECT.

Summary Tables:

Average costs and returns
for two years, June 1968, through June 1969,
for 128 farmers in
Tambon Kungsamphaow, Thachanuan and Hangnamsakhon,
Amphoe Manorom, Changwat Chainat

Brook A. Greene

Jerachone Sriswasdilek

Kasetsart University, March, 1969

This Project was made Possible Through Funds Provided

by

USOM and Cornell University

A.I.D.
Reference Center
Room 1656 NS

INTRODUCTION

This is the fifth set of summary tables presented by the Kasetsart-Cornell Agricultural Economics Research Project in Amphoe Manorom. The other mimeo are (1) 1967 crop production (2) Rice double cropping (3) Data on Social factors, tractor, water pump and chemical use (4) 1968 crop production figures.

Data was collected between April 30, 1968 and March 3, 1969. No attempt has been made to analyze the data at this time.

Several factors must be noted concerning these cost and revenue figures.

- A. A farmer's position in a size class farmed was originally determined by the number of rai farmed as obtained from the sample. This differs from the actual amount farmed in about fourteen cases.
- B. Where rice had not yet been sold, both the amount to be sold and the future price were estimated. It was valued at 12.5 Baht per tang, the average price for Tambon Thachanuan.
- C. Rice kept for family use was valued at first sale price. Where no sale had yet been made, it was valued at 12.5 Baht per tang. This is considered a revenue.
- D. These figures do not include any dry season 1967 figures. Note that rice produced during 1967 was sold late in calendar year 1967 or throughout calendar year 1968. All rice sold from one season's production is included in that year's figures.
- E. Storage loss and feed costs were valued at sale price or 12.5 Baht per tang.
- F. Costs refer to variable costs. Marketing costs are included under the "Hired Truck" column. Land taxes, depreciation costs and family and owners' wages are not included though listed separately.
- G. The heading "Capital Equipment" includes hand and pump sprayers (average value 100 Baht), carts (average value 700 Baht), boats (average value 280 Baht), water pumps (average value 2,600 Baht), tractors (average value 80,000 Baht), rice storage houses (average value 2,000 Baht), livestock pens (average value 135 Baht), farmer's house (average value 11,500 Baht). Average figures were taken from Tambon Thachanuan with 58 farmers or 10% of the farmers in that tambon.
- H. Chickens and ducks were valued at 10 Baht, cows at 1,000 Baht, buffalo at 1,500 Baht, pigs at 600 Baht, unless otherwise specified by the farmer.
- I. Part time farm work includes part time family labor hired out for farming operations such as transplanting and harvesting.

Off-farm work includes non-farm work such as selling drinks and foods, carpentry, carrying, weaving, digging ponds. This work may or may not be done at home but is often concentrated during slack work periods on the farm, for example, after transplanting and harvesting.

2.

- J. Averages by farm size class are by actual number of farmers involved. Final tambon averages are given for both number reporting as well as the complete sample for the tambon.
- K. For 1968, total rice sale was estimated. Where no sale had yet occurred the price/tang was taken to be 12.5 Baht.
- L. For 1968, home consumption value of rice was taken to be the same as for 1967 except in those cases where yield this year > last year and the farmer estimated keeping more at home.

Average Baht Cost for 15 Farmers in Tambon Kungsamphaow, Amphoe Manorom for June 1968 to June 1969.¹

Size Cass, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
No. Sampled/Class	1	3	2	3	3	2	1		15
Full time labour	-	-	-	-	-	-	2,050	2,050 ⁽¹⁾	136
Hired labour	-	520 ⁽³⁾	1,469 ⁽²⁾	2,176 ⁽²⁾	1,351 ⁽³⁾	3,294 ⁽²⁾	2,400	1,675 ⁽¹³⁾	1,458
Hired Truck	50	80 ⁽²⁾	300 ⁽²⁾	428 ⁽³⁾	453 ⁽³⁾	400 ⁽²⁾	600	329 ⁽¹⁵⁾	329
Hired Tractor	145	372 ⁽³⁾	1,132 ⁽²⁾	1,007 ⁽³⁾	1,067 ⁽³⁾	1,450 ⁽²⁾	2,775	1,028 ⁽¹⁵⁾	1,028
Hired Buffalo	-	-	-	-	0 ⁽¹⁾	-	75	37 ⁽²⁾	5
Land Rented In	-	-	1,000 ⁽¹⁾	1,705 ⁽¹⁾	6,687 ⁽²⁾	2,024 ⁽²⁾	-	3,354 ⁽⁶⁾	1,342
Fert. Costs	100	400 ⁽²⁾	650 ⁽²⁾	700 ⁽³⁾	400 ⁽²⁾	530 ⁽²⁾	500	512 ⁽¹³⁾	444
Insecticide Costs	-	36 ⁽¹⁾	57 ⁽¹⁾	-	-	96 ⁽¹⁾	-	63 ⁽³⁾	13
Herbicide Costs	24	54 ⁽³⁾	42 ⁽²⁾	143 ⁽³⁾	56 ⁽³⁾	262 ⁽²⁾	200	106 ⁽¹⁵⁾	106
Crab Killer Costs	10	77 ⁽³⁾	45 ⁽¹⁾	46 ⁽²⁾	22 ⁽³⁾	40 ⁽²⁾	20	42 ⁽¹³⁾	36
Seed Costs	216	197 ⁽³⁾	455 ⁽²⁾	663 ⁽³⁾	636 ⁽³⁾	1,144 ⁽²⁾	1,050	597 ⁽¹⁵⁾	597
Canal Charges	-	288 ⁽³⁾	514 ⁽²⁾	300 ⁽²⁾	150 ⁽¹⁾	360 ⁽¹⁾	-	334 ⁽⁹⁾	200
Cas & Oil for Water Pump	-	-	370 ⁽¹⁾	193 ⁽³⁾	-	258 ⁽²⁾	600	295 ⁽⁷⁾	138
Storage Loss	-	30 ⁽²⁾	150 ⁽¹⁾	124 ⁽²⁾	208 ⁽³⁾	150 ⁽²⁾	375	160 ⁽¹¹⁾	118
Livestock Feed	25	87 ⁽²⁾	-	-	-	94 ⁽¹⁾	125	83 ⁽⁵⁾	28

Average Baht Cost for 15 Farmers in Tambon Kungsamphaow, Amphoe Manorom for June 1968 to June 1969. (con't)

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
Rice Bght. for Home use	180	881 ⁽³⁾	2,062 ⁽²⁾	-	630 ⁽¹⁾	638 ⁽¹⁾	-	1,027 ⁽⁸⁾	547
A V C	750	2,826 ⁽³⁾	7,486 ⁽²⁾	5,467 ⁽³⁾	8,778 ⁽³⁾	10,147 ⁽²⁾	10,770	6,533	6,533
Capital Equip. Bght., 1968	6,000	1,890 ⁽²⁾	525 ⁽¹⁾	3,125 ⁽³⁾	-	3,125 ⁽²⁾	400	2,633 ⁽¹⁰⁾	1,755

1. Figures in brackets refer to number of farmer actually reporting.

Average Baht Revenue for 15 Farmers in Tambon Kungsamphaow, Amphoe Manorom, 1968 Cropping Season.

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
No. Sampled/Class	1	3	2	3	3	2	1		15
Rice Sales	1,250	5,812 ⁽³⁾	16,375 ⁽²⁾	15,154 ⁽³⁾	14,658 ⁽³⁾	21,941 ⁽²⁾	29,500	14,283 ⁽¹⁵⁾	14,283
Corn Sales	-	-	-	-	-	-	-	-	-
Veg. Sales	-	-	-	-	250 ⁽¹⁾	-	-	250 ⁽¹⁾	16
Fruit Sales	-	-	-	-	250 ⁽¹⁾	-	200	225 ⁽²⁾	30
Livestock Sales	-	-	-	-	-	120 ⁽¹⁾	-	100 ⁽¹⁾	6
Equip. Sales	-	-	-	-	-	-	-	-	-
Land Rented Out	-	-	-	-	-	-	1,060	1,060 ⁽¹⁾	70
Tractor Rented Out	-	-	-	-	-	-	-	-	-
Livestock Rented Out	-	-	-	-	-	-	-	-	-
Water Pump Rented Out	-	-	-	-	-	-	-	-	-
Part Time Farm Work	-	-	-	-	-	-	-	-	-
Av. Revenue	1,250	5,812 ⁽³⁾	16,375 ⁽²⁾	15,154 ⁽³⁾	14,825 ⁽³⁾	22,001 ⁽²⁾	30,760	14,409 ⁽¹⁵⁾	14,409
Off Farm Work	-	1,040 ⁽²⁾	2,000 ⁽¹⁾	4,500 ⁽²⁾	2,250 ⁽²⁾	600 ⁽¹⁾	7,200	2,820 ⁽⁹⁾	1,692

6
Average Baht Revenue for 15 Farmers in Tambon Kungsamphaow, Amphoe Manorom, 1968 Cropping Season.

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
Value of Rice Kept for Home Use	1,671	2,822 ⁽³⁾	1,518 ⁽²⁾	4,297 ⁽³⁾	7,761 ⁽³⁾	8,495 ⁽²⁾	6,200	4,836 ⁽¹⁵⁾	4,836
Av. Revenue (2nd. Value of Rice for Home Use)	2,921	8,295 ⁽³⁾	17,893 ⁽²⁾	19,451 ⁽³⁾	22,587 ⁽³⁾	30,496 ⁽²⁾	36,960	19,377	19,377

1. Figures in brackets refer to number of farmers reporting.

Average BANT Costs For 57 Farmers in Tambon Thachanuan, Amphoe Manorom for June 1968 to June 1969.

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
No. Sampled/Class	5	8	16	6 ²	12 ²	4	6 ²		57
Full Time Labour	-	-	3,035 ⁽²⁾	-	1,725 ⁽²⁾	1,620 ⁽¹⁾	2,100 ⁽¹⁾	2,207 ⁽⁶⁾	232
Hired Labour	220 ⁽⁴⁾	573 ⁽⁷⁾	916 ⁽¹⁴⁾	1,514 ⁽⁶⁾	2,025 ⁽¹²⁾	2,774 ⁽⁴⁾	2,726 ⁽⁶⁾	1,482 ⁽⁵³⁾	1,378
Hired Truck	50 ⁽¹⁾	156 ⁽⁵⁾	182 ⁽¹³⁾	220 ⁽²⁾	242 ⁽¹²⁾	382 ⁽⁴⁾	345 ⁽⁴⁾	233 ⁽⁴¹⁾	167
Hired Tractor	107 ⁽⁴⁾	181 ⁽⁶⁾	316 ⁽¹⁶⁾	390 ⁽⁶⁾	294 ⁽¹¹⁾	676 ⁽⁴⁾	761 ⁽⁶⁾	366 ⁽⁵³⁾	341
Hired Buffalo	70 ⁽²⁾	323 ⁽³⁾	-	210 ⁽²⁾	-	-	-	191 ⁽⁸⁾	27
Land Rented In	-	1,161 ⁽⁴⁾	1,538 ⁽⁷⁾	2,618 ⁽⁴⁾	2,637 ⁽⁶⁾	1,114 ⁽³⁾	1,706 ⁽⁵⁾	1,848 ⁽²⁹⁾	940
Fert. Costs	155 ⁽²⁾	220 ⁽⁴⁾	428 ⁽¹³⁾	653 ⁽⁴⁾	957 ⁽¹⁰⁾	1,300 ⁽⁴⁾	1,037 ⁽⁶⁾	938 ⁽⁴³⁾	708
Insect. Costs	10 ⁽¹⁾	-	5 ⁽²⁾	8 ⁽²⁾	20 ⁽³⁾	-	7 ⁽³⁾	11 ⁽¹¹⁾	2
Herb. Costs	-	21 ⁽⁴⁾	50 ⁽¹²⁾	68 ⁽⁴⁾	32 ⁽¹⁰⁾	28 ⁽³⁾	68 ⁽⁵⁾	37 ⁽³⁸⁾	24
Crab Killer Costs	13 ⁽⁵⁾	20 ⁽⁷⁾	17 ⁽¹⁶⁾	22 ⁽⁶⁾	20 ⁽⁹⁾	11 ⁽²⁾	19 ⁽⁶⁾	18 ⁽⁵¹⁾	16
Seed Costs	68 ⁽⁵⁾	208 ⁽⁸⁾	309 ⁽¹⁶⁾	451 ⁽⁶⁾	473 ⁽¹²⁾	534 ⁽⁴⁾	1,059 ⁽⁶⁾	418 ⁽⁵⁷⁾	418
Canal Charges	131 ⁽³⁾	201 ⁽⁵⁾	416 ⁽⁵⁾	517 ⁽³⁾	207 ⁽³⁾	-	-	298 ⁽¹⁹⁾	99
Gas & Oil Costs for Water Pump	21 ⁽²⁾	240 ⁽⁴⁾	175 ⁽⁷⁾	781 ⁽⁵⁾	268 ⁽⁷⁾	145 ⁽²⁾	313 ⁽⁵⁾	308 ⁽³²⁾	173
Storage Loss	101 ⁽²⁾	150 ⁽⁶⁾	210 ⁽¹⁴⁾	316 ⁽⁶⁾	299 ⁽¹²⁾	571 ⁽²⁾	363 ⁽⁵⁾	265 ⁽⁴⁷⁾	219

Average Baht Costs For 57 Farmers in Tambon Thachanuan, Amphoe Manorom for June 1968 to June 1969. (con't)

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
Livestock Feed	263 ⁽³⁾	77 ⁽⁵⁾	146 ⁽¹³⁾	47 ⁽³⁾	108 ⁽⁸⁾	90 ⁽³⁾	90 ⁽⁶⁾	119 ⁽⁴¹⁾	86
Rice Bght. for Home C.	35 ⁽¹⁾	1,766 ⁽³⁾	-	190 ⁽¹⁾	-	1,200 ⁽¹⁾	2,660 ⁽¹⁾	1,340 ⁽⁷⁾	164
A V C	748	2,944	3,558	6,031	6,057	7,660	8,750	4,845	4,845
Capital Equipment Bought	1,327 ⁽³⁾	800 ⁽²⁾	1,472 ⁽¹⁶⁾	1,550 ⁽³⁾	723 ⁽⁷⁾	3,500 ⁽³⁾	5,154 ⁽⁶⁾	1,957 ⁽⁴¹⁾	1,408

1. Figures in brackets refer to number of farmers actually reporting.

2. One farmer did not farm in 1968.

Average Baht Revenue for 57 Farmers in Tambon Thachanuan, Amphoe Manorum, 1968 Cropping Season.

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
No. Sampled/Class	5	8	16	6 ²	12 ²	4	6 ²		57
Rice Sales	1,981 ⁽⁴⁾	5,666 ⁽⁷⁾	7,541 ⁽¹⁶⁾	11,658 ⁽⁶⁾	17,174 ⁽¹²⁾	22,492 ⁽⁴⁾	22,725 ⁽⁶⁾	12,653 ⁽⁵³⁾	11,765
Corn Sales	-	-	100 ⁽¹⁾	752 ⁽¹⁾	-	-	-	426 ⁽²⁾	15
Veg. Sales ⁽³⁾	-	-	-	3,696 ⁽²⁾	-	-	550 ⁽¹⁾	2,647 ⁽³⁾	139
Fruit Sales	-	100 ⁽¹⁾	150 ⁽²⁾	790 ⁽²⁾	900 ⁽²⁾	-	300 ⁽¹⁾	510 ⁽⁸⁾	72
Livestock Sales	1,767 ⁽³⁾	825 ⁽²⁾	1,371 ⁽⁶⁾	-	2,555 ⁽²⁾	-	170 ⁽¹⁾	1,461 ⁽¹⁴⁾	358
Equip. Sales	-	-	-	-	-	-	1,000 ⁽¹⁾	1,000 ⁽¹⁾	17
Land Rented Out	1,950 ⁽²⁾	1,533 ⁽³⁾	923 ⁽³⁾	-	1,322 ⁽⁴⁾	-	3,776 ⁽¹⁾	1,564 ⁽¹³⁾	357
Tractor Rented Out	-	-	-	18,000 ⁽¹⁾	-	-	-	18,000 ⁽¹⁾	316
Livestock Rented Out	-	-	-	-	0 ⁽¹⁾	-	-	0 ⁽¹⁾	0
Water Pump Rented Out	-	-	-	-	-	-	-	-	-
Part Time Farm Work	-	-	95 ⁽²⁾	40 ⁽¹⁾	-	-	-	77 ⁽³⁾	4
Average Revenue	4,281 ⁽⁴⁾	6,345 ⁽⁷⁾	8,265 ⁽¹⁶⁾	16,267 ⁽⁶⁾	18,190 ⁽¹²⁾	22,492 ⁽⁴⁾	23,691 ⁽⁶⁾	13,998 ⁽⁵³⁾	13,016

Average Baht Revenue for 57 Farmers in Tambon Thachanuan, Amphoe Manorom, 1968 Cropping Season. (con't)

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
Off Farm Work	2,170 ⁽³⁾	2,350 ⁽²⁾	2,940 ⁽⁵⁾	1,700 ⁽²⁾	600 ⁽²⁾	-	900 ⁽²⁾	2,018 ⁽¹⁶⁾	566
Value of Rice Kept for Home Use	1,682 ⁽⁵⁾	2,591 ⁽⁸⁾	3,272 ⁽¹⁶⁾	4,324 ⁽¹⁶⁾	3,708 ⁽¹²⁾	4,406 ⁽³⁾	5,062 ⁽⁶⁾	3,555 ⁽⁵⁵⁾	3,430
A R (Including Value of Rice for Home)	5,107 ⁽⁵⁾	7,089 ⁽⁸⁾	11,538 ⁽¹⁶⁾	20,609 ⁽⁶⁾	21,898 ⁽¹²⁾	25,797 ⁽⁴⁾	28,754 ⁽⁶⁾	16,891 ⁽⁵⁵⁾	16,298

1. Figures in brackets refer to number of farmers actually reporting.
2. One farmer did not farm in 1968.
3. Veg. in this case refer to field beans of various varieties like mungbean, peanuts and other beans.

Average Bait Costs for 56 Farmers in Tambon Hangnamsakhon, Amphoe Manorom, June 1968 to June 1969.

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
No. Sampled/Class	0	2	12	4	12	8	17		56
Full Time Labour	-	-	-	-	-	1,950 ⁽¹⁾	2,367 ⁽³⁾	2,262 ⁽⁴⁾	161
Hired Labour	-	411 ⁽¹⁾	487 ⁽⁸⁾	800 ⁽¹⁾	802 ⁽¹⁰⁾	1,252 ⁽⁷⁾	1,574 ⁽¹⁵⁾	1,084 ⁽⁴²⁾	812
Hired Truck	-	-	152 ⁽⁵⁾	131 ⁽⁴⁾	282 ⁽⁷⁾	287 ⁽³⁾	392 ⁽⁸⁾	206 ⁽²⁷⁾	99
Hired Tractor	-	230 ⁽²⁾	243 ⁽⁸⁾	960 ⁽³⁾	1,183 ⁽¹¹⁾	1,531 ⁽⁶⁾	1,976 ⁽¹⁷⁾	1,300 ⁽⁴⁷⁾	1,090
Hired Buffalo	-	0 ⁽¹⁾	48 ⁽⁵⁾	0 ⁽²⁾	250 ⁽⁴⁾	500 ⁽¹⁾	150 ⁽⁴⁾	137 ⁽¹⁷⁾	42
Land Rented In	-	0 ⁽¹⁾	270 ⁽¹⁾	150 ⁽²⁾	791 ⁽⁶⁾	1,751 ⁽⁴⁾	1,546 ⁽⁸⁾	1,114 ⁽²²⁾	441
Fert. Costs	-	-	252 ⁽⁵⁾	262 ⁽³⁾	531 ⁽⁷⁾	473 ⁽⁵⁾	828 ⁽¹⁴⁾	580 ⁽³⁴⁾	352
Insect. Costs	-	-	-	80 ⁽¹⁾	10 ⁽¹⁾	-	70 ⁽⁴⁾	62 ⁽⁶⁾	7
Herb. Costs	-	36 ⁽²⁾	41 ⁽³⁾	50 ⁽¹⁾	75 ⁽¹⁾	60 ⁽⁵⁾	108 ⁽⁸⁾	74 ⁽²⁰⁾	26
Crab Killer Costs	-	-	35 ⁽⁴⁾	-	28 ⁽³⁾	29 ⁽⁵⁾	21 ⁽⁷⁾	27 ⁽¹⁹⁾	9
Seed Costs	-	186 ⁽²⁾	223 ⁽¹²⁾	349 ⁽⁴⁾	578 ⁽¹¹⁾	766 ⁽⁷⁾	1,136 ⁽¹⁷⁾	670 ⁽⁵³⁾	634
Canal Charges	-	-	-	-	-	-	1,000 ⁽¹⁾	1,000 ⁽¹⁾	8
Gas & Oil Costs for Water Pump	-	-	-	-	200 ⁽¹⁾	235 ⁽²⁾	525 ⁽⁶⁾	425 ⁽⁹⁾	68
Storage Costs	-	22 ⁽¹⁾	81 ⁽¹⁰⁾	79 ⁽³⁾	106 ⁽¹⁰⁾	325 ⁽⁵⁾	248 ⁽¹⁵⁾	170 ⁽⁴⁴⁾	133

Average Baht Costs for 56 Farmers in Tambon Hangnamsakhon, Amphoe Manorom, June 1968 to June 1969. (con't)

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
Livestock Feed	-	118 ⁽²⁾	112 ⁽⁹⁾	44 ⁽²⁾	203 ⁽⁷⁾	190 ⁽⁶⁾	158 ⁽⁹⁾	155 ⁽³⁵⁾	96
Rice Bought for Home Use	-	-	1,266 ⁽³⁾	1,720 ⁽²⁾	1,192 ⁽⁴⁾	2,112 ⁽²⁾	1,498 ⁽⁶⁾	1,483 ⁽¹⁷⁾	450
A V C	-	791 ⁽²⁾	1,417 ⁽¹²⁾	2,646 ⁽⁴⁾	3,512 ⁽¹³⁾	5,485 ⁽⁸⁾	7,700 ⁽¹⁷⁾	4,457 ⁽⁵⁶⁾	4,457
Capital Equip. Bought	-	-	980 ⁽⁵⁾	875 ⁽²⁾	125 ⁽¹¹⁾	799 ⁽⁵⁾	3,497 ^{2 (9)}	1,682 ⁽²⁸⁾	841

1. Figures in brackets refer to number of farmers reporting.

2. One farmer bought a house for 20,000 Baht.

Average Baht Revenue for 56 Farmers in Tambon Hangnamsakhon, Amphoe Manorom, 1968 Cropping Season.

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
No. Sampled/Class	0	2	12	4	13	8	17		56
Rice Sales	-	1,514 ⁽²⁾	5,568 ⁽⁸⁾	4,046 ⁽³⁾	9,927 ⁽⁷⁾	15,572 ⁽⁵⁾	14,176 ⁽¹¹⁾	10,084 ⁽³⁶⁾	6,482
Corn Sales	-	-	2,268 ⁽¹⁾	4,345 ⁽¹⁾	4,311 ⁽⁴⁾	12,202 ⁽³⁾	13,206 ⁽¹²⁾	10,426 ⁽²¹⁾	3,909
Veg. Sales ²	-	-	296 ⁽¹⁾	2,701 ⁽¹⁾	1,344 ⁽⁴⁾	701 ⁽⁴⁾	4,118 ⁽¹⁰⁾	2,618 ⁽²⁰⁾	935
Fruit Sales	-	-	40 ⁽¹⁾	-	113 ⁽³⁾	300 ⁽¹⁾	180 ⁽²⁾	148 ⁽⁷⁾	18
Livestock Sales	-	169 ⁽²⁾	128 ⁽⁵⁾	60 ⁽²⁾	150 ⁽¹⁾	255 ⁽⁴⁾	1,163 ⁽⁸⁾	527 ⁽²²⁾	207
Equip. Sales	-	-	-	-	-	-	-	-	-
Land Rented Out	-	-	417 ⁽³⁾	-	830 ⁽⁵⁾	900 ⁽²⁾	516 ⁽⁴⁾	661 ⁽¹⁴⁾	165
Tractor Rented Out	-	-	-	-	-	-	-	-	-
Livestock Rented Out	-	-	-	-	1,200 ⁽¹⁾	0 ⁽¹⁾	625 ⁽¹⁾	608 ⁽³⁾	33
Water Pump Rented Out	-	-	-	-	-	-	-	-	-
Part Time Farm Work	-	-	567 ⁽³⁾	-	975 ⁽²⁾	-	550 ⁽²⁾	678 ⁽⁷⁾	85
Av. Revenue	-	1,693 ⁽²⁾	4,228 ⁽¹²⁾	4,826 ⁽⁴⁾	7,662 ⁽¹³⁾	15,049 ⁽⁸⁾	21,709 ⁽¹⁷⁾	11,830 ⁽⁵⁶⁾	11,830
Off Farm Work	-	9,600 ⁽¹⁾	1,700 ⁽²⁾	-	10,000 ⁽¹⁾	-	450 ⁽¹⁾	4,690 ⁽⁵⁾	418

Average Baht Revenue for 56 Farmers in Tambon Hangnamsakhon, Amphoe Manorom, 1968 Cropping Season. (con't)

Size Class, Rai	0-9.9	10-19.9	20-29.9	30-39.9	40-49.9	50-59.9	60-Over	Tambon Average No. Reporting	Tambon Average All Farmers
Value of Rice Kept for Home Use	-	2,004 ⁽²⁾	2,401 ⁽¹¹⁾	2,207 ⁽⁴⁾	3,361 ⁽¹¹⁾	4,376 ⁽⁵⁾	4,309 ⁽¹⁷⁾	3,427 ⁽⁵⁰⁾	3,060
Av. Revenue (Include Value of Rice for Home Use)	-	3,697 ⁽²⁾	6,430 ⁽¹²⁾	7,046 ⁽⁴⁾	10,506 ⁽¹³⁾	17,784 ⁽⁸⁾	26,018 ⁽¹⁷⁾	14,891 ⁽⁵⁶⁾	14,891

1. Figures in brackets refer to No. of Farmers Reporting.

2. Vegetable in this case refer to field beans of various varieties i.e. Mungbean, red bean, peanuts etc.

Comparison of Costs for 3 Tambon, 1968 cropping season. (Averages by Whole Sample)

	<u>Kungsamphaow</u>	<u>Thachanuan</u>	<u>Hangnamsakhon</u>
No. Sampled	15	57	56
Full time labour	136	232	161
Hired labour	1,458	1,378	812
Hired truck	329	167	99
Hired tractor	1,028	341	1,090
Hired buffalo	5	27	42
Land rented in	1,342	940	441
Fert. Costs	444	708	352
Insect. Costs	13	2	7
Herb. Costs	106	24	26
Crab Killer Costs	36	16	9
Seed Costs	597	418	634
Canal Charges	200	99	8
Gas & Oil Costs for Water Pump	138	173	68
Storage Costs	118	219	133
Livestock Feed	28	86	96
Rice Bought for Home Use	547	164	450
A V C	6,533	4,845	4,457
Capital Equip. Bought	1,755	1,408	841

Comparison of Revenue for 3 Tambon, 1968 cropping season. (Averages by Whole Sample)

	<u>Kungsamphaow</u>	<u>Thachanuan</u>	<u>Hangnamsakhon</u>
No. Sampled	15	57	56
Rice Sales	14,283	11,765	6,482
Corn Sales	-	15	3,909
Veg. Sales	16	139	935
Fruit Sales	30	72	18
Livestock Sales	6	358	207
Equip. Sales	-	17	-
Land Rented Out	70	357	165
Tractor Rented Out	-	316	-
Livestock Rented Out	-	0	33
Water Pump Rented Out	-	-	-
Part Time Farm Work	-	4	85
Av. Revenue	14,409	13,016	11,830
Off Farm Work	1,692	566	418
Value of Rice Kept for Home Use	4,836	3,430	3,060
Av. Revenue Including Rice Kept for Home Use	19,377	16,298	14,891
