

CGPRT Crops in Thailand: A Statistical Profile, 1960 - 1990

The CGPRT Centre

The Regional Co-ordination Centre for Research and Development of Coarse Grains, Pulses, Roots and Tuber Crops in the Humid Tropics of Asia and the Pacific (CGPRT Centre) was established in 1981 as a subsidiary body of UN/ESCAP.

Objectives

In co-operation with ESCAP member countries, the Centre will initiate and promote research, training and dissemination of information on socio-economic and related aspects of CGPRT crops in Asia and the Pacific. In its activities, the Centre aims to serve the needs of institutions concerned with planning, research, extension and development in relation to CGPRT crop production, marketing and use.

Programmes

In pursuit of its objectives, the Centre has three interlinked programmes to be carried out in the spirit of TCDC:

1. Research, which entails the preparation and implementation of studies covering production, utilization and trade of CGPRT crops in the countries of Asia and the South Pacific;
2. Training of national research and extension workers;
3. Information and documentation which encompasses the collection, processing and dissemination of relevant information for use by researchers, policy makers, and extension workers.

Other CGPRT Centre publications currently available:

- Working Paper no. 1 *Quality and Price Determinants of Secondary Crops in Indonesia*
by Klaus Altemeier, J.W.T. Bottema, Bambang Adinugroho and Nuryanto Daris
- Working Paper no. 2 *Demand for Corn, Cassava and Soybean in Human Consumption: A Case Study of Java, Indonesia*
by Sri Utami Kuntjoro, Nunung Kusnadi and Sayogyo
- Working Paper no. 3 *Bibliography on Soybean Research in Indonesia 1978 - 1988*
- Working Paper no. 4 *CGPRT Crops in Indonesia: 1960-1990 A Statistical Profile*
- Working Paper no. 5 *Shifts and Development in Trade for Various Food Crops in East Asia, 1960-1984*
by Irlan Soejono and Masaru Kagatsume
- Working Paper no. 6 *Production and Marketing of Mungbean in Thailand: the Role of Private Sector*
by Boonjit Titapiwatanakun, Ph.D
- Working Paper no. 7 *Potato and Sweet Potato in Bangladesh*
by Dr. MD. Ayubur Rahman
- Working Paper no. 8 *Bibliography of Socio-Economic Aspects of Secondary Crops*
- Working Paper no. 9 *CGPRT Crops in Thailand: A Statistical Profile, 1960 - 1990*

This series is published by the CGPRT Centre, Bogor. The series will contain research papers, statistical excerpts and bibliographies. Editor for the series is J.W. Taco Bottema, Agricultural Economist. For further information, please contact:

Head
Publications Section
CGPRT Centre
Jl. Merdeka 145
Bogor 16111
Indonesia

**CGPRT Crops in Thailand:
A Statistical Profile, 1960 - 1990**

The designations employed and the presentation of material in this publication do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations concerning the legal status of any country, territory, city or area of its authorities, or concerning the delimitation of its frontiers or boundaries.

The opinions expressed in signed articles are those of the authors and do not necessarily represent the opinion the United Nations.



CGPRT Crops in Thailand: A Statistical Profile, 1960 - 1990

CGPRT Centre

Regional Co-ordination Centre for
Research and Development of Coarse Grains,
Pulses, Roots and Tuber Crops in the
Humid Tropics of Asia and the Pacific

CGPRT Centre
Jalan Merdeka 145, Bogor 16111
Indonesia
© 1991 by the CGPRT Centre
All rights reserved. Published 1991
Printed in Indonesia

National Library: Cataloguing in Publication

CGPRT crops in Thailand: a statistical profile,
1960-1990. — Jakarta: CGPRT, 1991.
99 pp.; 25.5 cm. — (Working paper; 9).

ISBN 979-8059-40-9.

1. Agriculture-Thailand-Economic aspect-Statistical
 2. Thailand-Economic conditions-Statistical
- I. Series.

338.109 593 021 2

Table of Contents

	Page
List of Tables	vii
List of Graphs	xi
Foreword	xiii
Acknowledgements	xv
Tables	1
1. General Indicators	3
2. Crop Production - National	7
3. Crop Production by Region	11
4. Crop Production by Province	19
5. Production Cost	67
6. Commodity Prices	71
7. Trade	83
8. Consumption	85
Graphs	87
General Notes on Tables	97

List of Tables

	Page
1. General Indicators	3
1.1 Total population, population in agriculture and labour force (persons), 1971-1987	3
1.2 Total GDP and GNP (million baht), 1967-1988	4
1.3 Exchange rates and money supply, 1968-1988	5
1.4 Income per capita (baht), 1977-1987	5
1.5 Consumer and wholesale price index (1976 = 100)	6
2. Crop Production - National	7
2.1 Area planted, area harvested, production and yield of major rice crop, 1975-1988	7
2.2 Area planted, area harvested, production and yield of second rice crop, 1976-1989	7
2.3 Area planted, area harvested, production and yield of maize, 1971-1988	8
2.4 Area planted, area harvested, production and yield of sorghum, 1971-1988	8
2.5 Area planted, area harvested, production and yield of soybean, 1971-1988	9
2.6 Area planted, area harvested, production and yield of groundnut, 1971-1988	9
2.7 Area planted, area harvested, production and yield of mungbean, 1971-1988	10
2.8 Area planted, area harvested, production and yield of cassava, 1976-1989	10
3. Crop Production by Region	11
3.1 Area planted, area harvested, production and yield of major rice crop by region, 1984-1988	11
3.2 Area planted, area harvested, production and yield of second rice crop by region, 1985-1989	12
3.3 Area planted, area harvested, production and yield of maize by region, 1984-1988	13
3.4 Area planted, area harvested, production and yield of sorghum by region, 1984-1988	14
3.5 Area planted, area harvested, production and yield of soybean by region, 1984-1988	15
3.6 Area planted, area harvested, production and yield of groundnut by region, 1984-1988	16

3.7	Area planted, area harvested, production and yield of mungbean by region, 1984-1988	17
3.8	Area planted, area harvested, production and yield of cassava by region, 1985-1989	18
4.	Crop Production by Province	19
4.1	Area harvested for major rice crop (ha) by province, 1981-1988	19
4.2	Production of major rice crop (mt) by province, 1981-1988	21
4.3	Yield of major rice crop (kg/ha) by province, 1981-1988	23
4.4	Area harvested for second rice crop (ha) by province, 1982-1989	25
4.5	Production of second rice crop (mt) by province, 1982-1989	27
4.6	Yield of second rice crop (kg/ha) by province, 1982-1989	29
4.7	Area harvested of maize (ha) by province, 1981-1988	31
4.8	Production of maize (mt) by province, 1981-1988	33
4.9	Yield of maize (kg/ha) by province, 1981-1988	35
4.10	Area harvested of sorghum (ha) by province, 1981-1988	37
4.11	Production of sorghum (mt) by province, 1981-1988	39
4.12	Yield of sorghum (kg/ha) by province, 1981-1988	41
4.13	Area harvested of soybean (ha) by province, 1981-1988	43
4.14	Production of soybean (mt) by province, 1981-1988	45
4.15	Yield of soybean (kg/ha) by province, 1981-1988	47
4.16	Area harvested of groundnut (ha) by province, 1981-1988	49
4.17	Production of groundnut (mt) by province, 1981-1988	51
4.18	Yield of groundnut (kg/ha) by province, 1981-1988	53
4.19	Area harvested of mungbean (ha) by province, 1981-1988	55
4.20	Production of mungbean (mt) by province, 1981-1988	57
4.21	Yield of mungbean (kg/ha) by province, 1981-1988	59
4.22	Area harvested of cassava (ha) by province, 1982-1989	61
4.23	Production of cassava (mt) by province, 1982-1989	63
4.24	Yield of cassava (kg/ha) by province, 1982-1989	65
5.	Production Cost	67
5.1	Production cost of maize (baht/ha), 1976-1987	67
5.2	Production cost of sorghum (baht/ha), 1976-1987	67
5.3	Production cost of soybean (baht/ha), 1976-1987	68
5.4	Production cost of groundnut (baht/ha), 1976-1987	68
5.5	Production cost of mungbean (baht/ha), 1976-1987	69
5.6	Production cost of cassava (baht/ha), 1976-1988	69
6.	Commodity Prices	71
6.1	Farm-gate price of maize-moisture content not over 14% (baht/kg), 1978-1988	71
6.2	Farm-gate price of sorghum (baht/kg), 1978-1988	71
6.3	Farm-gate price of soybean-mixed grade (baht/kg), 1979-1988	72
6.4	Farm-gate price of soybean-second grade (baht/kg), 1979-1988	72

6.5	Farm-gate price of groundnut-dried, shelled, mixed grade (baht/kg), 1979-1988	73
6.6	Farm-gate price of mungbean-first grade (baht/kg), 1978-1988	73
6.7	Farm-gate price of cassava root (baht/kg), 1979-1988	74
6.8	Wholesale price of maize in Bangkok (baht/kg), 1978-1988	74
6.9	Wholesale price of sorghum in Bangkok (baht/kg), 1978-1988	75
6.10	Wholesale price of soybean-second grade in Bangkok (baht/kg), 1979-1988	75
6.11	Wholesale price of crude soybean oil in Bangkok (baht/kg), 1983-1988	76
6.12	Wholesale price of soybean oil in Bangkok (baht/kg), 1983-1988	76
6.13	Wholesale price of domestic soybean meal in Bangkok (baht/kg), 1979-1988	77
6.14	Wholesale price of imported soybean meal in Bangkok (baht/kg), 1982-1988	77
6.15	Wholesale price of groundnut-first and second grade, in Bangkok (baht/kg), 1979-1988	78
6.16	Wholesale price of groundnut oil in Bangkok (baht/kg), 1979-1988	78
6.17	Wholesale price of mungbean-first grade, in Bangkok (baht/kg), 1978-1988	79
6.18	Wholesale price of cassava-pellet in Bangkok (baht/kg), 1979-1988	79
6.19	Retail price of soybean in Bangkok (baht/kg), 1980-1989	80
6.20	Retail price of groundnut in Bangkok (baht/kg), 1964-1989	80
6.21	F.O.B. price of maize (US\$/mt), 1980-1988	81
6.22	F.O.B. price of mungbean-first grade (baht/mt), 1983-1988	81
6.23	F.O.B. price of cassava-pellet (US\$/mt), 1983-1988	82
7.	Trade	83
7.1	Export of rice, maize and sorghum, 1970-1989	83
7.2	Export of cassava, soybean, mungbean and groundnut, 1970-1989	84
8.	Consumption	85
8.1	Domestic consumption of rice, maize, soybean, groundnut, mungbean and cassava ('000 mt), 1972-1987	85

List of Graphs

	Page
1. Total population and agricultural population, 1971-1987	89
2. Area harvested of rice and major CGPRT crops by 5 years average, 1979-1988	90
3. Production of rice and major CGPRT crops by 5 years average, 1979-1988	91
4. Yield of rice and major CGPRT crops by 5 years average, 1979-1988	92
5. Domestic price of groundnut, 1979-1988	93
6. Export quantity of rice and major CGPRT crops by 5 years average, 1975-1989	94
7. Export value of rice and major CGPRT crops by 5 years average, 1975-1989	95

Foreword

This working paper is the second in the series, which will be devoted to statistical information regarding development of Coarse Grains, Pulses, Root and Tuber (CGPRT) crops in the Asia and Pacific region. This publication concerns Thailand and provides time series data on general macro indicators, area, production and yield development, production cost, farm-gate, wholesale and retail prices, trade and consumption. Data at regional and provincial levels, of area production and yield are also provided.

In a third issue, more macro- and microeconomic indicators will be covered. The collection, formatting and publishing of these data has been made possible through support from the Government of the Netherlands. We hope that they will facilitate research and planning of CGPRT crops.

J.W. Taco Bottema
Hertarini Broto
Prajogo U. Hadi

Acknowledgements

The Centre's database section is grateful for generous assistance from the following organizations and persons in Thailand:

- Office of Agricultural Economics;
- Internal Trade Department;
- Department of Business Economics;
- Department of Customs;
- National Economic and Social Development Board;
- Bank of Thailand;
- Chamber of Commerce.

Help was also provided by Dr. Supote Dechates and Dr. Boonjit Titapiwatanakum, our resource persons. Mr. Hasrat Madiapura, computer programmer, and Mr. Mohammad Arif, and Mr. Erwin, computer operators have greatly contributed to this effort.

Suggestions from users and enquiries, are warmly welcomed and should be addressed to:

Database Economist
ESCAP CGPRT Centre
Jl. Merdeka 145
Bogor 16111
Indonesia

Tables

1. General Indicators

(POPULATION & LABOUR FORCE)

Table 1.1 Total population, population in agriculture and labour force (persons), 1971 - 1987.

YEAR	Total population	Population in Agriculture	Labour force
1971	37,348,016	28,285,088	19,712,039
1972	38,389,480	28,461,452	20,430,500
1973	39,333,002	28,222,961	21,192,969
1974	40,404,194	28,682,556	21,978,121
1975	41,517,069	29,163,871	22,781,708
1976	42,672,330	29,667,768	23,599,732
1977	43,870,391	30,194,994	24,428,578
1978	45,111,576	30,746,132	25,265,669
1979	46,396,006	31,321,591	26,109,344
1980	47,723,546	31,921,600	26,958,867
1981	49,093,930	32,546,078	27,814,343
1982	50,001,665	32,862,969	28,389,760
1983	50,927,698	33,194,144	28,958,921
1984	51,870,542	33,538,711	29,523,350
1985	52,828,860	33,895,723	30,084,798
1986	53,638,201	34,260,725	30,552,060
1987	54,438,478	34,624,405	31,007,257

Source: OAE, Office of Agricultural Economics

Table 1.2 Total GDP and GNP (million baht), 1967 - 1988.

YEAR	G D P		G N P	
	current price	constant price 1972	current price	constant price 1972
1967	108,294	-	108,462	-
1968	116,774	-	117,046	-
1969	128,566	-	128,792	-
1970	135,949	-	136,328	-
1971	144,607	-	144,637	-
1972	164,626	135,169	164,299	134,874
1973	216,543	149,068	216,119	148,713
1974	268,973	155,982	270,052	156,799
1975	291,787	164,582	291,898	164,662
1976	337,635	221,226	336,374	220,205
1977	393,030	237,173	391,016	235,598
1978	469,952	261,097	464,550	257,043
1979	556,240	276,907	546,449	269,897
1980	684,930	292,852	672,440	284,573
1981	786,166	311,270	764,379	298,284
1982	846,136	324,032	819,760	309,122
1983	924,254	342,946	898,884	328,866
1984	973,412	380,738	961,961	377,784
1985	1,014,399	394,113	996,802	389,148
1986	1,094,679	411,814	1,072,242	405,260
1987	1,234,030	446,361	1,211,431	439,912
1988	1,465,736	495,374	1,440,406	488,655

Source: NESDB, National Economic and Social Development Board

(EXCHANGE RATES and MONEY SUPPLY)

Table 1.3 Exchange rates and money supply, 1968 - 1988.

YEAR	EXCHANGE RATES		MONEY SUPPLY
	buying baht/US\$)	selling (baht/US\$)	(million baht)
1968	20.65	20.83	17,285.4
1969	20.84	20.99	17,988.8
1970	20.84	20.98	19,447.5
1971	20.85	20.99	21,445.7
1972	20.85	20.99	24,830.9
1973	20.50	20.72	29,936.5
1974	20.25	20.45	33,207.9
1975	20.35	20.45	34,982.5
1976	20.35	20.45	40,627.4
1977	20.35	20.44	44,296.3
1978	20.28	20.38	54,677.7
1979	20.35	20.42	63,548.6
1980	20.41	20.51	71,480.4
1981	21.68	21.78	73,332.8
1982	22.92	23.04	78,946.1
1983	22.93	23.04	83,015.3
1984	23.40	23.53	88,769.0
1985	26.91	27.19	85,864.4
1986	26.23	26.36	103,426.8
1987	25.68	25.80	132,395.7
1988	25.23	25.35	-

Source: BOT, Bank of Thailand

(INCOME PER CAPITA)

Table 1.4 Income per capita (baht), 1977 - 1987.

YEAR	Rural income/cap		Urban income/cap	
	current price	constant price 1972	current price	constant price 1972
1977	3,674	-	20,628	-
1978	4,199	-	23,728	-
1979	4,696	-	27,143	-
1980	5,445	-	32,346	-
1981	5,773	-	36,154	-
1982	5,743	-	38,357	-
1983	5,592	2,111	40,851	16,091
1984	5,224	2,206	43,543	16,734
1985	5,012	2,317	44,605	16,668
1986	5,278	2,298	47,160	17,189
1987	5,727	2,229	52,273	18,633

Source: OAE, Office of Agricultural Economics

Table 1.5 Consumer and wholesale price index (1976 = 100)

YEAR	Consumer price index	Wholesale price index
1975	96.00	96.20
1976	100.00	100.00
1977	107.60	107.80
1978	116.10	115.80
1979	127.60	128.80
1980	152.70	154.70
1981	172.10	169.50
1982	181.10	171.00
1983	187.90	174.50
1984	189.50	169.10
1985	194.10	169.00
1986	197.70	168.40
1987	202.60	178.40
1988	210.40	193.00

Source: DOBE, Department of Business Economics

2. Crop Production - National

(MAJOR RICE - TOTAL)

Table 2.1 Area planted, area harvested, production and yield of major rice crop, 1975 - 1988

YEAR	Area planted	Area harvested	Production	Yield
	('000 ha)	('000 ha)	('000 mt)	(kg/ha)
1975	8,519.0	7,985.1	14,092.0	1,762.5
1976	8,137.4	7,734.7	13,674.0	1,768.8
1977	8,554.4	8,289.0	12,335.0	1,487.5
1978	9,345.6	8,309.0	15,206.0	1,831.3
1979	9,098.9	8,339.8	14,646.0	1,756.3
1980	9,101.1	8,687.8	15,405.0	1,775.0
1981	9,022.7	8,536.5	15,758.0	1,843.8
1982	8,987.4	8,316.0	14,774.0	1,775.0
1983	9,298.4	8,900.5	16,943.0	1,906.3
1984	9,266.4	8,923.8	17,275.0	1,937.5
1985	9,509.9	9,196.2	17,930.0	1,950.0
1986	9,270.9	8,613.8	16,826.0	1,956.3
1987	8,691.8	8,426.2	15,658.0	1,856.3
1988	9,499.5	9,063.7	17,882.0	1,975.0

Source: OAE, Office of Agricultural Economics

(SECOND RICE - TOTAL)

Table 2.2 Area planted, area harvested, production and yield of second rice crop, 1976 - 1989

YEAR	Area planted	Area harvested	Production	Yield
	('000 ha)	('000 ha)	('000 mt)	(kg/ha)
1976	377.3	371.5	1,208.0	3,250.0
1977	437.8	432.5	1,393.0	3,225.0
1978	476.6	460.6	1,586.0	3,443.8
1979	681.1	626.1	2,264.0	3,618.8
1980	336.5	313.9	1,111.0	3,537.5
1981	516.5	512.3	1,963.0	3,831.3
1982	572.5	568.5	2,017.0	3,550.0
1983	634.1	624.2	2,104.0	3,368.8
1984	717.0	705.6	2,606.0	3,693.8
1985	706.4	705.9	2,630.0	3,725.0
1986	637.6	637.0	2,334.0	3,662.5
1987	580.5	580.3	2,042.0	3,518.8
1988	730.2	720.8	2,771.0	3,843.8
1989	849.0	842.2	3,381.0	4,012.5

Source: OAE, Office of Agricultural Economics

Table 2.3 Area planted, area harvested, production and yield of maize, 1971 - 1988

YEAR	Area planted	Area harvested	Production	Yield
	('000 ha)	('000 ha)	('000 mt)	(kg/ha)
1971	1,018.9	-	2,300.0	2,256.3
1972	997.0	-	1,315.0	1,318.8
1973	1,147.5	-	2,339.0	2,037.5
1974	1,239.8	-	2,500.0	2,018.8
1975	1,312.0	1,205.4	2,863.0	2,375.0
1976	1,284.6	1,121.1	2,675.0	2,387.5
1977	1,205.4	976.0	1,677.0	1,718.8
1978	1,385.8	1,313.8	2,791.0	2,125.0
1979	1,524.6	1,424.3	2,863.0	2,012.5
1980	1,433.6	1,345.4	2,998.0	2,231.3
1981	1,567.4	1,465.1	3,449.0	2,356.3
1982	1,679.0	1,306.1	3,002.0	2,300.0
1983	1,688.3	1,566.7	3,552.0	2,268.8
1984	1,816.8	1,738.6	4,226.0	2,431.3
1985	1,980.3	1,918.4	4,934.0	2,575.0
1986	1,951.0	1,815.2	4,309.0	2,375.0
1987	1,750.6	1,357.4	2,781.0	2,050.0
1988	1,835.4	1,786.1	4,675.0	2,618.8

Source: OAE, Office of Agricultural Economics

Table 2.4 Area planted, area harvested, production and yield of sorghum, 1971 - 1988

YEAR	Area planted	Area harvested	Production	Yield
	('000 ha)	('000 ha)	('000 mt)	(kg/ha)
1971	83.7	-	145.5	1,737.5
1972	57.4	-	101.6	1,768.8
1973	88.8	-	139.7	1,575.0
1974	201.9	-	250.1	1,237.5
1975	196.2	171.7	231.0	1,343.8
1976	142.7	129.3	148.0	1,150.0
1977	169.9	150.6	126.0	837.5
1978	175.7	150.7	216.0	1,431.3
1979	189.1	160.6	199.0	1,243.8
1980	247.4	234.1	237.0	1,012.5
1981	279.8	266.1	274.0	1,025.0
1982	245.4	236.2	236.0	1,000.0
1983	265.1	250.9	327.0	1,306.3
1984	294.1	283.7	374.0	1,318.8
1985	309.6	291.7	404.0	1,387.5
1986	193.9	183.7	211.0	1,150.0
1987	176.8	159.7	192.0	1,200.0
1988	180.2	173.6	215.0	1,237.5

Source: OAE, Office of Agricultural Economics

Table 2.5 Area planted, area harvested, production and yield of soybean, 1971 - 1988

YEAR	Area planted	Area harvested	Production	Yield
	('000 ha)	('000 ha)	('000 mt)	(kg/ha)
1971	57.4	-	54.3	943.8
1972	84.0	-	72.4	862.5
1973	122.6	-	104.2	850.0
1974	131.7	-	110.4	837.5
1975	118.1	110.9	114.0	1,025.0
1976	101.6	93.9	114.0	1,206.3
1977	153.3	130.7	96.0	737.5
1978	161.6	145.3	159.0	1,093.8
1979	108.6	100.3	102.0	1,018.8
1980	126.1	105.3	100.0	950.0
1981	127.5	125.0	132.0	1,050.0
1982	124.5	101.0	113.0	1,125.0
1983	161.3	155.8	179.0	1,150.0
1984	200.5	193.3	246.0	1,275.0
1985	243.8	240.8	309.0	1,287.5
1986	287.8	282.1	356.0	1,262.5
1987	361.6	303.4	338.0	1,112.5
1988	401.3	392.2	517.0	1,318.8

Source: OAE, Office of Agricultural Economics

Table 2.6 Area planted, area harvested, production and yield of groundnut, 1971 - 1988

YEAR	Area planted	Area harvested	Production	Yield
	('000 ha)	('000 ha)	('000 mt)	(kg/ha)
1971	114.4	-	133.5	1,168.8
1972	118.9	-	152.8	1,287.5
1973	123.8	-	146.8	1,181.3
1974	130.2	-	160.9	1,237.5
1975	117.8	113.3	142.0	1,256.3
1976	121.8	118.9	152.0	1,275.0
1977	102.6	90.1	106.0	1,175.0
1978	105.6	99.5	128.0	1,281.3
1979	97.4	91.7	109.0	1,193.8
1980	105.3	99.8	129.0	1,293.8
1981	122.2	117.3	147.0	1,250.0
1982	121.8	117.4	145.0	1,237.5
1983	125.3	120.5	147.0	1,212.5
1984	131.2	125.0	172.0	1,375.0
1985	124.6	121.0	171.0	1,418.8
1986	126.4	125.0	169.0	1,356.3
1987	122.1	117.4	162.0	1,368.8
1988	123.4	117.9	164.0	1,387.5

Source: OAE, Office of Agricultural Economics

(MUNGBEAN - TOTAL)

Table 2.7 Area planted, area harvested, production and yield of mungbean, 1971 - 1988

YEAR	Area planted	Area harvested	Production	Yield
	('000 ha)	('000 ha)	('000 mt)	(kg/ha)
1971	157.4	-	153.4	975.0
1972	226.9	-	204.2	900.0
1973	255.4	-	209.3	818.8
1974	206.9	-	187.9	906.3
1975	163.5	147.2	120.6	818.8
1976	222.7	207.7	124.8	600.0
1977	435.2	377.9	206.9	550.0
1978	422.1	374.4	259.0	693.8
1979	424.3	354.6	251.0	706.3
1980	447.4	395.0	261.0	662.5
1981	486.4	457.8	284.0	618.8
1982	485.4	444.0	281.0	631.3
1983	483.5	448.5	288.0	643.8
1984	524.8	482.7	352.0	731.3
1985	548.2	529.1	323.0	612.5
1986	507.5	493.0	301.0	612.5
1987	464.0	437.6	267.0	612.5
1988	474.2	462.1	333.0	718.8

Source: OAE, Office of Agricultural Economics

(CASSAVA - TOTAL)

Table 2.8 Area planted, area harvested, production and yield of cassava, 1976 - 1989

YEAR	Area planted	Area harvested	Production	Yield
	('000 ha)	('000 ha)	('000 mt)	(kg/ha)
1976	692.3	679.0	10,230.0	15,062.5
1977	846.9	830.6	11,840.0	14,256.3
1978	1,165.1	1,054.6	16,358.0	15,512.5
1979	845.8	794.7	11,101.0	13,968.8
1980	1,160.0	1,121.4	16,540.0	14,750.0
1981	1,270.4	1,243.0	17,744.0	14,275.0
1982	1,236.2	1,087.2	17,788.0	16,362.5
1983	1,368.3	1,017.9	18,989.0	18,656.3
1984	1,404.8	1,335.2	19,985.0	14,968.8
1985	1,476.8	1,376.5	19,263.0	13,993.8
1986	1,239.7	1,204.5	15,255.0	12,662.5
1987	1,411.2	1,370.7	19,554.0	14,268.8
1988	1,580.6	1,546.9	22,307.0	14,418.8
1989	1,621.8	1,593.1	24,264.0	15,231.3

Source: OAE, Office of Agricultural Economics

3. Crop Production by Region

(MAJOR RICE - REGION)

Table 3.1 Area planted, area harvested, production and yield of major rice crop by region, 1984 - 1988

REGION	1984	1985	1986	1987	1988
Area planted (ha)					
North-Eastern	4,570,824	4,772,921	4,600,668	4,152,058	4,669,916
Northern	2,129,714	2,135,562	2,140,254	2,014,547	2,260,003
Central Plain	1,963,746	2,009,263	1,953,666	1,880,464	2,003,813
Southern	602,059	592,104	576,311	578,537	565,738
Area harvested (ha)					
North-Eastern	4,445,681	4,558,460	4,259,068	4,061,563	4,454,593
Northern	2,050,308	2,085,558	1,951,006	1,939,174	2,185,414
Central Plain	1,879,193	1,977,145	1,867,943	1,821,672	1,950,447
Southern	548,638	574,934	535,756	539,716	473,204
Production (mt)					
North-Eastern	6,968,948	7,392,366	6,384,293	5,657,804	6,599,804
Northern	5,095,039	5,101,066	5,045,162	4,462,345	5,668,264
Central Plain	4,271,568	4,503,715	4,517,769	4,126,393	4,739,641
Southern	939,248	932,606	878,773	1,025,005	874,114
Yield (kg/ha)					
North-Eastern	1,569	1,619	1,500	1,394	1,481
Northern	2,488	2,444	2,588	2,300	2,594
Central Plain	2,275	2,275	2,419	2,263	2,431
Southern	1,713	1,625	1,638	1,900	1,850

Source: OAE, Office of Agricultural Economics

Table 3.2 Area planted, area harvested, production and yield of second rice crop by region, 1985 - 1989

REGION	1985	1986	1987	1988	1989
Area planted (ha)					
North-Eastern	34,336	34,233	21,279	57,849	77,543
Northern	98,357	69,937	76,897	136,692	167,685
Central Plain	537,819	503,020	454,512	501,828	568,437
Southern	35,837	30,457	27,786	33,869	35,254
Area harvested (ha)					
North-Eastern	34,033	34,093	21,203	54,820	76,104
Northern	98,246	69,780	76,779	133,729	166,614
Central Plain	537,775	502,646	454,512	498,561	565,028
Southern	35,837	30,457	27,754	33,673	34,528
Production (mt)					
North-Eastern	84,611	87,485	50,991	152,244	237,667
Northern	357,780	249,057	257,885	522,173	669,735
Central Plain	2,096,412	1,921,124	1,666,616	2,007,639	2,372,971
Southern	91,205	76,448	66,672	88,454	100,701
Yield (kg/ha)					
North-Eastern	2,488	2,569	2,406	2,775	3,125
Northern	3,644	3,569	3,356	3,906	4,019
Central Plain	3,900	3,825	3,669	4,025	4,200
Southern	2,544	2,513	2,400	2,625	2,919

Source: OAE, Office of Agricultural Economics

Table 3.3 Area planted, area harvested, production and yield of maize by region, 1984 - 1988

REGION	1984	1985	1986	1987	1988
Area planted (ha)					
North-Eastern	461,864	521,591	525,363	442,147	494,756
Northern	899,095	918,205	920,731	821,923	844,138
Central Plain	455,865	536,806	502,245	482,440	491,327
Southern	-	3,744	2,634	4,057	5,187
Area harvested (ha)					
North-Eastern	435,700	514,745	472,962	384,364	483,910
Northern	875,969	876,333	890,592	583,894	821,790
Central Plain	426,925	523,762	448,967	385,480	475,496
Southern	-	3,609	2,616	3,729	4,870
Production (mt)					
North-Eastern	1,053,843	1,254,655	1,049,501	783,164	1,266,469
Northern	2,097,923	2,273,999	2,130,201	1,167,825	2,158,364
Central Plain	1,073,806	1,398,919	1,124,989	824,612	1,241,245
Southern	-	6,545	4,077	5,261	9,085
Yield (kg/ha)					
North-Eastern	2,419	2,438	2,219	2,038	2,619
Northern	2,394	2,594	2,394	2,000	2,625
Central Plain	2,513	2,669	2,506	2,138	2,613
Southern	-	1,813	1,556	1,413	1,869

Source: OAE, Office of Agricultural Economics

Table 3.4 Area planted, area harvested, production and yield of sorghum by region, 1984 - 1988

REGION	1984	1985	1986	1987	1988
Area planted (ha)					
North-Eastern	28,974	31,418	11,653	6,310	5,403
Northern	128,878	132,820	95,117	85,400	89,206
Central Plain	136,181	145,416	87,174	85,138	85,603
Southern	-	-	-	-	-
Area harvested (ha)					
North-Eastern	27,757	29,600	10,089	5,890	5,315
Northern	127,629	122,772	88,217	78,692	85,541
Central Plain	128,358	139,244	85,297	75,036	82,672
Southern	-	-	-	-	-
Production (mt)					
North-Eastern	46,770	50,067	13,238	7,239	6,327
Northern	158,173	161,626	99,665	90,167	111,660
Central Plain	169,338	192,551	98,355	94,231	97,028
Southern	-	-	-	-	-
Yield (kg/ha)					
North-Eastern	1,688	1,694	1,313	1,231	1,188
Northern	1,238	1,319	1,131	1,144	1,306
Central Plain	1,319	1,381	1,150	1,256	1,175
Southern	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 3.5 Area planted, area harvested, production and yield of soybean by region, 1984 - 1988

REGION	1984	1985	1986	1987	1988
Area planted (ha)					
North-Eastern	20,019	24,993	32,252	51,814	66,812
Northern	165,731	201,491	231,454	270,955	292,694
Central Plain	14,666	17,397	24,097	38,893	41,737
Southern	-	-	-	-	-
Area harvested (ha)					
North-Eastern	18,991	24,767	31,264	47,512	65,445
Northern	160,048	342,848	227,701	221,895	286,561
Central Plain	14,189	17,218	23,142	33,928	40,197
Southern	-	-	-	-	-
Production (mt)					
North-Eastern	23,214	30,213	39,514	54,291	80,520
Northern	206,687	258,901	288,228	248,071	383,436
Central Plain	16,547	20,310	28,742	35,383	52,855
Southern	-	-	-	-	-
Yield (kg/ha)					
North-Eastern	1,225	1,219	1,263	1,144	1,231
Northern	1,294	1,300	1,269	1,119	1,338
Central Plain	1,169	1,181	1,244	1,044	1,313
Southern	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 3.6 Area planted, area harvested, production and yield of groundnut by region, 1984 - 1988

REGION	1984	1985	1986	1987	1988
Area planted (ha)					
North-Eastern	29,469	35,762	34,168	32,300	37,280
Northern	71,717	61,452	69,359	68,030	62,114
Central Plain	21,994	19,709	17,011	16,330	17,893
Southern	8,068	7,664	5,892	5,359	6,135
Area harvested (ha)					
North-Eastern	27,995	34,266	33,326	30,801	33,438
Northern	68,442	60,526	68,958	66,068	61,018
Central Plain	20,522	19,362	16,850	15,764	17,572
Southern	7,994	6,864	5,779	5,251	5,828
Production (mt)					
North-Eastern	33,152	45,206	41,871	41,177	47,145
Northern	97,036	87,873	96,711	91,569	83,566
Central Plain	31,335	29,086	23,585	22,696	25,515
Southern	10,561	9,213	7,020	6,097	7,315
Yield (kg/ha)					
North-Eastern	1,181	1,319	1,256	1,338	1,413
Northern	1,419	1,450	1,400	1,388	1,369
Central Plain	1,525	1,500	1,400	1,438	1,450
Southern	1,319	1,344	1,213	1,163	1,256

Source: OAE, Office of Agricultural Economics

Table 3.7 Area planted, area harvested, production and yield of mungbean by region, 1984 - 1988

REGION	1984	1985	1986	1987	1988
Area planted (ha)					
North-Eastern	44,958	51,765	38,956	35,731	38,112
Northern	409,791	423,564	406,179	371,033	369,155
Central Plain	64,247	68,239	57,565	52,107	60,508
Southern	5,760	4,589	4,875	5,117	6,542
Area harvested (ha)					
North-Eastern	41,914	50,333	37,892	33,287	35,400
Northern	377,576	409,073	396,407	350,524	361,761
Central Plain	58,478	66,005	54,706	49,094	58,950
Southern	4,704	3,697	3,894	4,672	5,936
Production (mt)					
North-Eastern	26,643	29,160	19,486	19,660	24,007
Northern	284,453	253,484	246,943	213,633	261,299
Central Plain	38,312	38,399	32,700	31,371	43,653
Southern	2,946	2,359	1,991	2,626	3,664
Yield (kg/ha)					
North-Eastern	638	581	513	588	681
Northern	756	619	625	613	725
Central Plain	656	581	600	638	738
Southern	625	638	513	563	619

Source: OAE, Office of Agricultural Economics

Table 3.8 Area planted, area harvested, production and yield of cassava by region, 1985 - 1989

REGION	1985	1986	1987	1988	1989
Area planted (ha)					
North-Eastern	885,179	758,008	841,364	948,209	1,005,492
Northern	78,457	69,439	100,736	115,274	147,501
Central Plain	513,183	412,216	469,093	517,214	468,765
Southern	-	-	-	-	-
Area harvested (ha)					
North-Eastern	802,661	732,015	809,663	930,249	988,529
Northern	70,674	67,663	98,182	108,746	143,976
Central Plain	503,150	404,862	462,822	507,814	460,659
Southern	-	-	-	-	-
Production (mt)					
North-Eastern	10,963,965	8,782,224	11,175,036	12,849,618	14,638,707
Northern	1,072,439	967,649	1,437,919	1,653,746	2,214,171
Central Plain	7,226,235	5,504,977	6,941,178	7,803,635	7,411,148
Southern	-	-	-	-	-
Yield (kg/ha)					
North-Eastern	13,663	12,000	13,800	13,813	14,806
Northern	15,175	14,300	14,644	15,206	15,381
Central Plain	14,363	13,600	15,000	15,369	16,069
Southern	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

4. Crop Production by Province

(MAJOR RICE CROP - PROVINCE)

Table 4.1 Area harvested for major rice crop (ha) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	163,729	93,142	118,636	136,802	131,589	141,646	165,560	165,027
Sakon Nakhon	210,562	203,831	161,550	228,858	244,582	227,132	238,893	251,426
Nong Khai	157,479	171,872	195,950	182,529	124,954	140,739	106,966	147,175
Udon Thani	389,449	295,421	444,407	377,892	387,172	370,370	394,058	482,873
Loei	41,496	36,599	42,834	40,962	56,110	55,173	55,183	60,028
Mukdahan	-	28,600	49,172	50,458	51,239	47,262	49,162	48,421
Yasothon	150,325	108,776	154,574	156,925	171,740	146,978	161,390	167,000
Ubon Ratchathani	532,362	493,411	533,422	547,340	574,081	577,054	598,526	576,081
Kalasin	189,955	84,315	136,185	154,396	184,873	169,734	187,683	174,966
Khon Kaen	288,779	254,761	352,646	312,464	254,373	193,041	236,959	238,931
Maha Sarakham	243,482	234,331	342,479	245,127	249,845	171,062	180,646	174,683
Roi Et	337,847	336,838	391,884	338,333	369,483	345,900	321,574	357,911
Buri Ram	369,102	325,260	411,714	412,896	472,104	421,966	285,917	405,945
Si Sa Ket	338,253	319,595	283,357	353,635	344,272	343,135	300,208	318,196
Surin	406,024	429,130	487,050	381,435	378,992	369,105	237,553	228,503
Chaiyaphum	80,726	139,610	258,255	139,503	148,305	160,442	179,472	188,285
Nakhon Ratchasima	276,937	294,588	375,751	386,128	414,745	378,327	361,815	469,140
NORTHERN REGION								
Nakhon Sawan	362,012	345,321	351,813	351,592	366,603	327,374	374,696	391,559
Phetchabun	165,400	148,726	194,552	193,416	183,900	162,186	155,037	187,892
Uthai Thani	82,597	96,797	82,688	60,310	100,985	90,794	87,098	80,990
Kamphaeng Phet	161,598	146,301	169,794	191,671	229,538	176,462	192,841	221,958
Tak	21,995	21,844	18,420	19,329	23,735	20,645	21,300	31,862
Phichit	188,542	264,806	263,210	252,319	236,518	216,248	215,572	273,625
Phitsanulok	199,787	188,882	208,338	201,536	193,888	188,608	206,550	218,665
Nan	38,443	39,097	30,044	25,392	26,936	26,156	21,379	36,364
Phrae	32,436	34,192	46,017	39,946	43,545	44,396	44,379	44,640
Lampang	80,021	61,616	65,262	68,119	61,881	71,727	44,033	72,175
Sukhothai	117,243	109,528	120,072	140,752	143,706	123,714	122,842	125,982
Uttaradit	62,586	88,119	53,478	83,115	78,254	86,856	71,345	78,864
Chiang Mai	101,692	99,309	84,388	102,862	81,072	92,935	91,686	101,079
Chiang Rai	209,773	201,000	169,239	175,129	174,935	187,732	160,010	182,926
Mae Hong Son	11,214	11,416	13,182	12,202	12,131	13,142	12,483	13,966
Lamphun	43,354	35,361	41,764	36,759	39,022	32,645	31,850	34,159
Phayao	108,847	103,575	80,692	95,857	88,910	89,384	86,074	88,708

Table 4.1 Area harvested for major rice crop (ha) by province, 1981 - 1988 (Continued)

(ha)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	146,764	121,370	150,132	159,755	146,115	150,760	151,484	173,607
Saraburi	106,817	85,673	87,215	106,247	106,036	110,146	97,874	105,557
Chai Nat	115,529	124,894	132,568	119,241	142,342	143,468	141,312	139,019
Nakhon Nayok	97,117	98,992	84,401	85,768	72,317	82,261	97,570	101,479
Nakhon Pathom	50,801	68,237	45,437	63,996	79,503	74,101	72,531	71,315
Nonthaburi	6,758	19,030	21,962	22,386	26,080	22,760	21,872	26,051
Pathum Thani	92,081	91,375	80,762	72,669	71,738	65,802	66,908	68,247
Ayutthaya	170,409	190,013	142,485	153,686	171,704	163,454	142,528	166,389
Sing Buri	68,696	72,169	60,887	64,327	59,683	64,235	54,181	64,061
Suphan Buri	145,596	123,087	128,763	169,468	189,620	163,203	158,344	174,205
Ang Thong	69,245	73,827	51,057	68,561	68,927	69,552	68,448	68,126
Bangkok Metropolis	44,086	46,601	25,409	35,276	41,328	42,191	37,753	31,723
Kanchanaburi	46,444	59,340	55,049	59,650	72,050	64,592	64,775	56,650
Prachuap Khiri Khan	11,455	10,906	4,845	8,691	15,711	10,765	8,434	15,044
Phetchaburi	44,900	60,914	57,642	57,361	69,131	67,070	65,873	67,042
Ratchaburi	89,891	84,377	90,656	92,014	79,507	68,126	69,989	73,552
Chachoengsao	148,220	146,702	97,543	151,594	160,080	146,360	151,946	159,988
Prachin Buri	235,463	214,450	167,559	239,253	239,928	214,241	212,857	238,165
Samut Prakan	24,309	18,027	19,793	21,473	22,707	13,685	11,427	20,470
Samut Sakhon	14,892	13,812	17,113	12,578	12,929	11,496	11,942	9,987
Samut Songkhram	727	847	668	700	815	736	720	992
Chon Buri	32,372	32,109	40,263	47,974	49,594	53,292	52,033	52,344
Rayong	24,104	26,695	29,836	23,494	23,684	22,729	19,631	25,934
Chanthaburi	23,579	26,672	32,399	27,627	26,063	25,556	26,464	25,395
Trat	11,415	16,642	14,803	15,403	15,154	17,362	14,776	15,105
SOUTHERN REGION								
Chumphon	28,389	28,980	20,079	26,446	27,755	21,577	15,490	17,949
Nakhon Si Thammarat	154,809	197,073	141,799	142,146	163,007	163,617	157,576	99,930
Phatthalung	75,275	77,899	82,240	89,792	86,874	83,660	86,407	82,094
Songkhla	59,153	83,090	55,429	63,042	81,412	75,140	75,493	62,708
Surat Thani	55,299	65,002	61,334	60,779	57,311	55,132	53,476	54,548
Krabi	24,485	30,808	26,593	26,226	24,826	21,987	21,836	23,480
Trang	32,991	42,621	28,263	28,706	29,576	25,104	27,767	26,695
Phangnga	8,859	11,538	8,905	7,010	7,373	7,725	4,488	6,291
Phuket	1,877	1,075	997	1,927	1,434	1,060	880	913
Ranong	2,720	1,934	2,655	2,757	2,716	3,076	3,090	3,368
Satun	20,354	24,715	25,123	23,749	23,314	19,344	21,476	22,148
Narathiwat	31,004	29,398	26,476	30,970	24,526	18,698	26,787	29,893
Pattani	39,775	39,836	38,200	35,639	35,201	31,552	34,341	31,967
Yala	15,816	9,229	10,297	9,449	9,608	8,083	10,608	11,220

Source: OAE, Office of Agricultural Economics

Table 4.2 Production of major rice crop (mt) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	219,821	123,636	127,625	162,617	174,838	191,426	206,409	212,307
Sakon Nakhon	280,606	293,368	250,907	395,835	334,893	332,643	321,981	388,199
Nong Khai	241,919	266,703	345,877	287,633	196,766	193,115	186,213	206,334
Udon Thani	517,807	405,666	705,271	622,954	758,976	624,790	504,600	668,241
Loei	116,858	74,106	113,570	107,331	138,872	144,728	131,049	156,796
Mukdahan	-	47,585	68,824	85,598	85,993	84,130	66,880	56,290
Yasothon	191,952	114,509	226,723	220,753	269,587	197,880	202,979	223,650
Ubon Ratchathani	542,679	485,860	586,619	665,289	733,582	700,008	897,789	742,129
Kalasin	279,538	132,987	268,540	270,972	322,641	276,962	322,096	331,343
Khon Kaen	334,121	396,213	590,519	518,277	415,024	316,612	308,047	419,854
Maha Sarakham	292,631	272,601	564,396	396,125	338,035	228,833	225,808	236,603
Roi Et	393,405	323,293	519,635	456,893	601,939	507,205	404,100	499,128
Buri Ram	566,352	459,740	725,493	816,185	910,331	646,383	382,635	561,334
Si Sa Ket	421,553	341,492	407,383	539,167	593,274	567,989	451,267	584,686
Surin	550,548	583,201	756,218	586,352	604,321	612,217	336,945	367,989
Chaiyaphum	101,656	229,417	537,719	218,155	216,828	243,662	274,828	306,046
Nakhon Ratchasima	338,263	418,893	610,933	618,812	696,466	515,710	434,178	638,875
NORTHERN REGION								
Nakhon Sawan	731,955	622,770	741,473	721,771	758,774	700,951	798,258	842,201
Phetchabun	485,928	355,219	527,137	548,877	522,252	499,246	372,667	492,226
Uthai Thani	170,942	113,567	161,845	133,499	194,240	171,887	121,919	173,116
Kamphaeng Phet	321,201	332,247	383,539	426,615	489,203	434,487	412,095	620,484
Tak	50,283	42,093	34,244	46,239	55,459	49,372	52,215	75,409
Phichit	478,663	583,594	564,119	494,570	536,600	497,127	387,492	671,286
Phitsanulok	547,976	423,055	512,518	485,341	470,532	459,732	429,186	559,795
Nan	97,640	87,976	81,307	63,799	63,704	56,182	37,948	88,000
Phrae	77,760	110,213	130,266	111,598	129,547	155,714	147,838	155,126
Lampang	218,419	141,937	130,323	131,692	143,660	191,664	176,367	195,892
Sukhothai	317,439	162,206	205,236	258,329	274,147	226,876	185,271	231,705
Uttaradit	185,196	206,648	132,087	230,562	226,942	206,517	170,782	208,988
Chiang Mai	368,558	355,641	306,139	389,521	268,043	327,227	311,447	352,889
Chiang Rai	701,878	630,982	573,723	621,099	546,991	661,862	488,759	584,220
Mae Hong Son	32,834	35,642	37,377	40,531	36,658	42,480	36,070	40,469
Lamphun	129,752	99,005	115,084	120,590	128,161	95,196	101,767	111,444
Phayao	342,197	275,816	230,136	270,406	256,153	268,642	232,264	265,014

Table 4.2 Production of major rice crop (mt) by province, 1981 - 1988 (Continued)

(mt)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	381,622	230,462	329,547	346,615	341,544	348,543	325,736	351,132
Saraburi	239,015	190,874	223,872	238,783	240,631	286,033	228,205	269,830
Chai Nat	287,092	294,734	301,679	303,546	335,838	380,209	347,093	382,519
Nakhon Nayok	163,522	184,774	136,412	165,639	171,517	193,505	184,163	209,348
Nakhon Pathom	129,627	158,761	128,326	179,792	235,985	191,801	220,405	232,493
Nonthaburi	20,346	52,274	70,290	81,073	89,648	76,532	81,227	113,321
Pathum Thani	204,580	235,559	163,473	150,002	178,029	213,566	206,450	217,165
Ayutthaya	359,439	335,241	286,906	339,563	374,501	382,794	300,195	426,493
Sing Buri	204,193	194,002	163,002	173,854	170,934	194,485	164,735	178,741
Suphan Buri	368,513	372,741	361,528	471,236	488,670	451,347	497,754	551,232
Ang Thong	167,725	134,606	121,889	149,434	156,643	175,541	153,382	160,910
Bangkok Metropolis	108,560	100,614	44,529	72,884	95,051	83,854	66,385	65,204
Kanchanaburi	97,214	149,604	119,757	136,687	112,722	129,450	111,884	107,591
Prachuap Khiri Khan	27,270	23,936	7,539	15,438	27,829	21,598	15,203	25,896
Phetchaburi	79,135	118,618	128,446	143,207	180,469	152,808	131,910	165,589
Ratchaburi	206,054	204,712	216,069	227,303	189,633	147,636	147,240	156,060
Chachoengsao	351,744	350,952	347,234	369,201	378,794	382,215	336,800	426,585
Prachin Buri	311,906	445,874	298,100	385,395	417,497	405,481	324,558	374,448
Samut Prakan	80,675	54,257	45,349	59,431	74,256	42,550	37,702	63,607
Samut Sakhon	34,032	29,816	50,267	31,712	35,958	24,429	32,720	27,214
Samut Songkhram	1,760	2,053	1,711	1,760	1,646	1,426	1,350	2,821
Chon Buri	68,340	79,910	74,547	86,235	83,119	108,971	100,489	110,207
Rayong	50,944	54,031	56,901	46,146	47,001	49,811	42,697	57,697
Chanthaburi	47,937	57,455	62,784	65,945	46,797	44,392	40,534	40,692
Trat	18,852	34,693	31,549	30,687	29,003	28,792	27,576	22,846
SOUTHERN REGION								
Chumpon	42,873	40,263	29,357	46,916	45,455	44,612	23,530	32,529
Nakhon Si Thammarat	281,538	345,126	205,285	199,492	206,009	251,507	288,246	185,175
Phatthalung	199,948	170,312	166,976	178,434	166,890	153,560	199,695	163,904
Songkhla	148,144	127,488	89,235	93,600	128,755	114,074	128,223	119,484
Surat Thani	128,469	104,213	97,267	107,806	85,375	82,180	80,620	87,138
Krabi	44,993	40,482	53,817	54,321	48,879	38,340	38,433	39,553
Trang	75,877	83,699	48,681	51,261	56,271	40,637	42,344	43,464
Phangnga	17,279	21,062	12,863	12,097	13,538	12,722	7,494	9,787
Phuket	3,838	2,137	1,618	2,737	3,442	2,349	1,841	1,814
Ranong	5,038	3,078	4,252	4,947	4,779	3,397	4,739	6,156
Satun	35,747	38,867	50,692	40,687	34,058	29,285	34,228	38,055
Narathiwat	45,591	61,089	48,642	62,849	52,440	33,711	58,103	60,853
Pattani	46,818	70,636	69,536	67,542	68,862	56,789	92,924	63,338
Yala	23,165	18,536	19,970	16,559	17,853	15,610	24,585	22,864

Source: OAE, Office of Agricultural Economics

Table 4.3 Yield of major rice crop (kg/ha) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	1,344	1,325	1,075	1,188	1,331	1,350	1,244	1,288
Sakon Nakhon	1,331	1,438	1,550	1,731	1,369	1,463	1,350	1,544
Nong Khai	1,538	1,550	1,763	1,575	1,575	1,375	1,744	1,400
Udon Thani	1,331	1,375	1,588	1,650	1,963	1,688	1,281	1,381
Loei 2,819	2,025	2,650	2,619	2,475	2,625	2,375	2,613	
Mukdahan	-	1,663	1,400	1,694	1,681	1,781	1,363	1,163
Yasothon	1,275	1,050	1,469	1,406	1,569	1,344	1,256	1,338
Ubon Ratchathani	1,019	988	1,100	1,213	1,275	1,213	1,500	1,288
Kalasin	1,469	1,575	1,969	1,756	1,744	1,631	1,719	1,894
Khon Kaen	1,156	1,556	1,675	1,656	1,631	1,638	1,300	1,756
Maha Sarakham	1,200	1,163	1,650	1,619	1,350	1,338	1,250	1,356
Roi Et	1,163	963	1,325	1,350	1,631	1,469	1,256	1,394
Buri Ram	1,531	1,413	1,763	1,975	1,931	1,531	1,338	1,381
Si Sa Ket	1,244	1,069	1,438	1,525	1,725	1,656	1,506	1,838
Surin	1,356	1,356	1,550	1,538	1,594	1,656	1,419	1,613
Chaiyaphum	1,256	1,644	2,081	1,563	1,463	1,519	1,531	1,625
Nakhon Ratchasima	1,219	1,419	1,625	1,600	1,681	1,363	1,200	1,363
NORTHERN REGION								
Nakhon Sawan	2,019	1,806	2,106	2,050	2,069	2,144	2,131	2,150
Phetchabun	2,938	2,388	2,713	2,838	2,838	3,081	2,406	2,619
Uthai Thani	2,069	1,175	1,956	2,213	1,894	1,400	2,138	
Kamphaeng Phet	1,988	2,269	2,256	2,225	2,131	2,463	2,138	2,794
Tak	2,288	1,925	1,856	2,394	2,338	2,394	2,450	2,369
Phichit	2,538	2,206	2,144	1,963	2,269	2,300	1,800	2,456
Phitsanulok	2,744	2,238	2,463	2,406	2,425	2,438	2,075	2,563
Nan	2,538	2,250	2,706	2,513	2,363	2,150	1,775	2,419
Phrae	2,400	3,225	2,831	2,794	2,975	3,506	3,331	3,475
Lampang	2,731	2,306	1,994	1,931	2,319	2,675	4,006	2,713
Sukhothai	2,706	1,481	1,706	1,838	1,906	1,831	1,506	1,838
Uttaradit	2,956	2,344	2,469	2,775	2,900	2,375	2,394	2,650
Chiang Mai	3,625	3,581	3,625	3,788	3,306	3,519	3,400	3,494
Chiang Rai	3,344	3,138	3,388	3,544	3,125	3,525	3,056	3,194
Mae Hong Son	2,925	3,125	2,838	3,319	3,019	3,231	2,888	2,900
Lamphun	2,994	2,800	2,756	3,281	3,281	2,919	3,194	3,263
Phayao	3,144	2,663	2,850	2,819	2,881	3,006	2,700	2,988

(MAJOR RICE CROP - PROVINCE)

Table 4.3 Yield of major rice crop (kg/ha) by province, 1981 - 1988 (Continued)

(kg/ha)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	2,600	1,900	2,194	2,169	2,338	2,313	2,150	2,025
Saraburi	2,238	2,225	2,569	2,250	2,269	2,594	2,331	2,556
Chai Nat	2,488	2,363	2,275	2,544	2,356	2,650	2,456	2,750
Nakhon Nayok	1,681	1,869	1,619	1,931	1,975	2,350	1,888	2,063
Nakhon Pathom	2,550	2,325	2,825	2,813	2,969	2,588	3,038	3,263
Nonthaburi	3,013	2,744	3,200	3,619	3,438	3,363	3,713	4,350
Pathum Thani	2,219	2,575	2,025	2,063	2,481	3,244	3,088	3,181
Ayutthaya	2,106	1,763	2,013	2,213	2,181	2,344	2,106	2,563
Sing Buri	2,975	2,688	2,675	2,700	2,863	3,025	3,038	2,788
Suphan Buri	2,531	3,031	2,806	2,781	2,575	2,763	3,144	3,163
Ang Thong	2,425	1,825	2,388	2,181	2,275	2,525	2,244	2,363
Bangkok Metropolis	2,463	2,156	1,750	2,069	2,300	1,988	1,756	2,056
Kanchanaburi	2,094	2,519	2,175	2,294	1,563	2,006	1,725	1,900
Prachuap Khiri Khan	2,381	2,194	1,556	1,775	1,769	2,006	1,800	1,719
Phetchaburi	1,763	1,950	2,231	2,494	2,613	2,281	2,000	2,469
Ratchaburi	2,294	2,425	2,381	2,469	2,388	2,169	2,106	2,119
Chachoengsao	2,375	2,394	3,563	2,438	2,369	2,613	2,219	2,669
Prachin Buri	1,325	2,081	1,781	1,613	1,738	1,894	1,525	1,575
Samut Prakan	3,319	3,013	2,294	2,769	3,269	3,106	3,300	3,106
Samut Sakhon	2,288	2,156	2,938	2,519	2,781	2,125	2,738	2,725
Samut Songkhram	2,419	2,425	2,563	2,513	2,019	1,938	1,875	2,844
Chon Buri	2,113	2,488	1,850	1,800	1,644	2,044	1,931	2,106
Rayong	2,113	2,025	1,906	1,963	1,988	2,194	2,175	2,225
Chanthaburi	2,031	2,150	1,938	2,388	1,794	1,738	1,531	1,600
Trat	1,650	2,088	2,131	1,994	1,913	1,656	1,869	1,513
SOUTHERN REGION								
Chumpon	1,513	1,388	1,463	1,775	1,638	2,069	1,519	1,813
Nakhon Si Thammarat	1,819	1,794	1,450	1,406	1,263	1,538	1,831	1,850
Phatthalung	2,656	2,188	2,031	1,988	1,919	1,838	2,313	1,994
Songkhla	2,506	1,531	1,606	1,488	1,581	1,519	1,700	1,906
Surat Thani	2,325	1,600	1,588	1,775	1,488	1,488	1,506	1,600
Krabi	1,838	1,313	2,025	2,069	1,969	1,744	1,763	1,688
Trang	2,300	1,963	1,725	1,788	1,900	1,619	1,525	1,631
Phangnga	1,950	1,825	1,444	1,725	1,838	1,644	1,669	1,556
Phuket	2,044	1,988	1,625	1,419	2,400	2,213	2,094	1,988
Ranong	1,850	1,594	1,600	1,794	1,763	1,106	1,531	1,825
Satun	1,756	1,575	2,019	1,713	1,463	1,513	1,594	1,719
Narathiwat	1,469	2,075	1,838	2,031	2,138	1,800	2,169	2,038
Pattani	1,175	1,775	1,819	1,894	1,956	1,800	2,706	1,981
Yala	1,463	2,006	1,938	1,750	1,856	1,931	2,319	2,038

Source: OAE, Office of Agricultural Economics

Table 4.4 Area harvested for second rice crop (ha) by province, 1982 - 1989

Province	1982	1983	1984	1985	1986	1987	1988	1989
NORTH-EASTERN REGION								
Nakhon Phanom	1,646	2,826	2,641	1,287	1,138	673	1,323	980
Sakon Nakhon	307	316	510	147	202	272	2,589	2,315
Nong Khai	1,364	3,253	3,724	2,971	1,442	1,221	1,841	2,939
Udon Thani	482	912	4,742	2,810	2,673	1,139	1,836	2,349
Loei	108	396	719	294	69	2	146	200
Mukdahan	-	94	115	214	13	12	172	240
Yasothon	808	1,575	2,466	1,198	263	391	649	357
Ubon Ratchathani	2,592	3,668	11,572	6,123	4,684	2,495	5,177	6,632
Kalasin	914	975	825	675	367	332	2,414	7,087
Khon Kaen	2,962	11,789	13,832	4,423	10,073	4,554	14,962	17,272
Maha Sarakham	357	2,348	2,913	747	2,239	1,866	4,590	13,312
Roi Et	1,592	2,676	7,094	3,332	3,221	3,047	4,745	6,907
Buri Ram	110	429	332	475	554	150	1,192	2,128
Si Sa Ket	42	529	4,845	4,563	3,851	1,230	2,521	1,233
Surin	26	96	386	771	736	946	1,637	2,349
Chaiyaphum	443	541	513	128	312	123	1,995	2,115
Nakhon Ratchasima	904	1,299	3,458	3,875	2,256	2,751	7,032	7,687
NORTHERN REGION								
Nakhon Sawan	8,330	13,177	20,033	22,004	13,327	16,793	28,588	39,305
Phetchabun	23	-	44	416	58	184	650	248
Uthai Thani	3,067	1,199	732	2,827	1,126	703	3,203	1,346
Kamphaeng Phet	3,205	4,203	5,819	8,368	7,343	7,239	15,392	25,968
Tak	1,080	1,403	1,463	1,368	768	1,544	828	2,527
Phichit	6,687	782	2,658	8,803	8,821	11,209	24,010	28,687
Phitsanulok	5,456	7,298	15,001	25,951	14,203	21,953	26,462	40,933
Nan	109	167	1,606	1,158	1,569	1,533	1,145	1,305
Phrae	10	-	-	-	29	125	58	87
Lampang	2,074	3,495	1,305	2,050	1,568	469	1,044	1,016
Sukhothai	3,740	3,296	6,851	5,769	3,767	2,049	5,322	5,326
Uttaradit	2,855	1,099	4,910	7,035	4,191	2,164	7,044	6,108
Chiang Mai	4,628	3,324	6,764	6,222	5,756	5,159	10,402	6,769
Chiang Rai	15,539	20,643	16,145	4,927	6,180	4,405	7,337	4,530
Mae Hong Son	970	1,274	1,617	97	112	22	-	-
Lamphun	96	1,476	1,892	804	680	928	1,003	2,188
Phayao	23	22	28	446	279	299	1,243	272

Table 4.4 Area harvested for second rice crop (ha) by province, 1982-1989 (Continued) (ha)

Province	1982	1983	1984	1985	1986	1987	1988	1989
CENTRAL PLAIN REGION								
Lop Buri	6,982	9,608	11,916	6,503	12,260	4,240	15,572	8,476
Saraburi	7,462	2,441	7,044	11,682	6,964	5,349	7,619	4,525
Chai Nat	25,677	34,252	35,952	41,864	43,729	41,120	37,929	45,726
Nakhon Nayok	2,109	1,816	3,902	6,923	5,223	2,506	7,764	12,768
Nakhon Pathom	49,452	77,154	65,464	67,319	64,663	58,281	59,406	54,524
Nonthaburi	21,370	23,862	39,175	32,848	30,795	27,579	29,371	26,499
Pathum Thani	73,062	69,119	58,262	56,071	47,982	52,748	53,863	47,679
Ayutthaya	28,433	36,613	39,229	37,694	37,364	31,933	33,307	37,259
Sing Buri	36,453	20,035	13,998	24,656	14,400	24,288	20,102	23,290
Suphan Buri	90,797	92,543	101,596	115,249	97,880	93,555	87,098	129,457
Ang Thong	24,908	31,072	37,358	15,103	22,284	13,174	27,960	21,909
Bangkok Metropolis	24,556	22,655	24,168	20,671	11,675	8,295	7,836	11,488
Kanchanaburi	1,719	2,854	2,961	7,246	14,169	11,118	17,902	20,769
Prachuap Khiri Khan	1,982	211	514	308	462	370	1,497	2,663
Phetchaburi	3,152	3,095	4,402	2,629	3,715	2,176	2,411	17,701
Ratchaburi	2,485	2,368	4,142	2,031	2,584	4,418	11,983	19,755
Chachoengsao	59,491	51,509	51,540	60,778	59,298	47,477	52,776	58,516
Prachin Buri	533	457	587	1,779	2,052	1,289	2,925	2,736
Samut Prakan	14,208	13,883	16,352	15,571	14,997	14,984	13,492	10,448
Samut Sakhon	5,823	5,018	7,387	8,250	7,344	6,919	3,898	5,439
Samut Songkhram	-	-	-	-	-	-	-	6
Chon Buri	-	517	1,406	1,108	565	794	1,207	910
Rayong	728	799	805	1,474	2,240	1,897	2,643	2,487
Chanthaburi	-	-	-	20	-	-	-	-
Trat	-	-	-	-	-	-	-	-
SOUTHERN REGION								
Chumpon	527	562	816	362	353	295	695	884
Nakhon Si Thammarat	3,237	1,078	5,453	5,241	4,689	5,160	3,903	2,976
Phatthalung	6,015	7,261	12,034	18,810	13,301	10,969	13,706	13,301
Songkhla	1,784	7,489	5,819	4,295	4,453	4,299	7,013	4,963
Surat Thani	1,482	5,489	2,150	1,304	2,040	634	4,199	5,809
Krabi	-	-	-	5	19	-	-	-
Trang	143	100	88	36	18	27	96	174
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	3	-	-
Ranong	-	-	-	-	-	-	2	-
Satun	135	183	175	430	712	320	439	759
Narathiwat	746	344	679	2,110	477	929	817	2,422
Pattani	-	2,948	2,292	3,198	4,103	4,775	2,698	2,955
Yala	500	177	339	47	292	344	105	283

Source: OAE, Office of Agricultural Economics

Table 4.5 Production of second rice crop (mt) by province, 1982 - 1989

Province	1982	1983	1984	1985	1986	1987	1988	1989
NORTH-EASTERN REGION								
Nakhon Phanom	3,041	6,137	5,523	3,177	2,789	1,599	3,556	2,290
Sakon Nakhon	583	517	1,389	415	570	692	5,599	4,987
Nong Khai	3,759	6,351	8,099	6,648	3,285	2,449	5,304	8,489
Udon Thani	889	2,431	9,215	6,147	5814	2278	4591	5,875
Loei	373	990	1,713	734	172	4	399	537
Mukdahan	-	159	233	335	24	22	520	586
Yasothon	1,639	3,485	5,754	2,935	633	879	1,825	1,021
Ubon Ratchathani	4,438	7,382	22,605	13,395	10,069	5,075	11,778	15,365
Kalasin	2,555	2,156	2,332	1,772	932	831	7,242	23,415
Khon Kaen	8,308	29,517	37,977	13,547	30,262	12,532	43,950	59,294
Maha Sarakham	691	5,535	8,528	1,914	5,574	4,179	12,908	47,263
Roi Et	3,441	7,921	21,421	9,144	8,848	7,230	14,087	22,011
Buri Ram	265	1,259	791	1,185	1,349	291	3,337	3,665
Si Sa Ket	95	923	11,584	9,981	7,961	2,459	5,831	3,641
Surin	58	221	912	2,023	1,909	2,247	4,000	5,831
Chaiyaphum	1,005	1,719	1,298	360	871	282	5,299	6,672
Nakhon Ratchasima	2,468	2,994	10,625	10,899	6,423	7,942	22,018	26,725
NORTHERN REGION								
Nakhon Sawan	32,922	50,973	83,702	82,516	50,810	55,734	112,028	149,823
Phetchabun	94	-	174	1,431	203	573	2,753	678
Uthai Thani	12,146	3,748	2,873	8,835	3,554	1,982	11,730	4,081
Kamphaeng Phet	12,343	15,260	22,245	26,151	24,106	22,300	61,088	97,509
Tak	3,333	4,829	4,938	4,275	2,448	4,632	2,482	8,069
Phichit	20,523	2,512	9,694	31,636	32,027	37,339	100,544	123,116
Phitsanulok	18,028	28,064	58,225	107,047	57,911	80,989	104,194	189,373
Nan	447	354	4,859	3,619	4,874	4,065	4,328	4,332
Phrae	41	-	-	-	75	320	184	272
Lampang	5,536	7,579	3,700	7,599	5,453	1,706	3,678	3,267
Sukhothai	15,386	12,672	29,894	20,371	11,816	6,405	18,428	20,592
Uttaradit	11,095	4,437	19,488	23,085	12,887	6,519	28,793	20,119
Chiang Mai	12,500	9,172	27,739	21,389	19,859	17,551	40,309	25,918
Chiang Rai	42,974	52,807	43,694	15,089	19,315	13,430	23,570	13,789
Mae Hong Son	2,663	3,041	4,111	321	318	63	-	-
Lamphun	459	5,705	7,051	2,965	2,509	3,422	4,180	8,052
Phayao	93	73	72	1,451	892	855	3,884	745

Table 4.5 Production of second rice crop (mt) by province, 1982 - 1989 (Continued) (mt)

Province	1982	1983	1984	1985	1986	1987	1988	1989
CENTRAL PLAIN REGION								
Lop Buri	23,257	32,305	47,031	24,386	46,588	15,635	63,065	37,094
Saraburi	26,257	8,880	27,351	43,806	25,100	19,028	29,714	16,558
Chai Nat	107,333	120,767	122,848	164,613	165,557	150,201	150,230	200,319
Nakhon Nayok	4,634	5,398	11,176	18,172	11,718	5,529	21,836	48,332
Nakhon Pathom	194,921	333,170	267,320	290,095	269,952	236,428	240,964	238,792
Nonthaburi	91,175	101,447	171,636	136,761	124,408	100,836	132,171	123,402
Pathum Thani	294,532	232,306	237,901	227,904	193,428	188,906	235,650	191,016
Ayutthaya	88,000	118,285	142,696	153,134	148,288	113,164	142,803	168,779
Sing Buri	134,555	76,634	53,699	115,576	64,801	104,744	86,942	108,266
Suphan Buri	349,076	319,812	402,783	486,833	405,615	379,119	367,446	562,616
Ang Thong	100,929	104,965	144,997	63,243	89,844	49,320	120,228	96,694
Bangkok Metropolis	59,852	56,419	88,516	56,975	32,470	22,812	26,985	40,637
Kanchanaburi	6,370	11,095	11,620	23,557	46,692	36,099	62,545	76,536
Prachuap Khiri Khan	6,069	453	1,682	824	1,373	969	4,211	7,548
Phetchaburi	10,399	8,878	14,213	8,867	12,307	6,800	8,092	65,498
Ratchaburi	7,160	7,494	15,662	8,095	10,734	16,845	46,810	62,425
Chachoengsao	167,333	161,775	198,668	188,930	188,270	148,365	188,015	242,375
Prachin Buri	2,041	947	2,244	5,002	6,073	3,350	10,510	10,527
Samut Prakan	49,606	38,741	62,421	46,046	45,461	39,706	45,452	45,305
Samut Sakhon	24,252	14,397	26,849	26,125	24,557	21,709	13,205	20,362
Samut Songkhram	-	-	-	-	-	-	-	18
Chon Buri	-	1,078	3,189	3,283	1,639	1,967	3,711	2,575
Rayong	2,052	1,878	1,893	4,145	6,249	5,084	7,054	7,297
Chanthaburi	-	-	-	40	-	-	-	-
Trat	-	-	-	-	-	-	-	-
SOUTHERN REGION								
Chumpon	1,468	1,274	2,559	904	893	738	1,788	2,166
Nakhon Si Thammarat	9,445	2,257	12,508	11,625	10,381	11,556	8,928	8,852
Phatthalung	18,062	17,290	29,755	48,537	35,910	27,148	35,380	40,141
Songkhla	4,153	22,468	16,070	11,811	9,943	9,090	17,796	12,627
Surat Thani	4,407	11,947	5,458	3,668	5,818	1,811	11,888	18,783
Krabi	-	-	-	12	6	-	-	-
Trang	650	252	220	91	47	66	251	456
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	5	-	-
Ranong	-	-	-	-	-	-	4	-
Satun	353	615	327	961	1,723	720	1,002	1,596
Narathiwat	2,119	1,030	1,981	5,274	1,160	1,776	2,482	7,963
Pattani	-	8,365	7,334	8,204	9,797	12,956	8,702	7,425
Yala	1,927	549	1,176	118	730	806	233	692

Source: OAE, Office of Agricultural Economics

Table 4.6 Yield of second rice crop (kg/ha) by province, 1982 - 1989

Province	1982	1983	1984	1985	1986	1987	1988	1989
NORTH-EASTERN REGION								
Nakhon Phanom	1,850	2,175	2,094	2,469	2,450	2,375	2,688	2,338
Sakon Nakhon	1,894	1,638	2,719	2,825	2,825	2,544	2,163	2,156
Nong Khai	2,756	1,950	2,175	2,238	2,275	2,006	2,881	2,888
Udon Thani	1,844	2,663	1,944	2,188	2,175	2,000	2,500	2,500
Loei	3,456	2,500	2,381	2,500	2,500	2,500	2,738	2,681
Mukdahan	-	1,694	2,019	1,563	1,831	1,913	3,025	2,438
Yasothon	2,031	2,213	2,331	2,450	2,413	2,250	2,813	2,856
Ubon Ratchathani	1,713	2,013	1,956	2,188	2,150	2,038	2,275	2,319
Kalasin	2,794	2,213	2,825	2,625	2,538	2,500	3,000	3,306
Khon Kaen	2,806	2,506	2,744	3,063	3,006	2,750	2,938	3,431
Maha Sarakham	1,938	2,356	2,925	2,563	2,488	2,238	2,813	3,550
Roi Et	2,163	2,963	3,019	2,744	2,750	2,375	2,969	3,188
Buri Ram	2,413	2,938	2,381	2,500	2,438	1,938	2,800	1,725
Si Sa Ket	2,281	1,744	2,394	2,188	2,069	2,000	2,313	2,950
Surin	2,225	2,300	2,363	2,625	2,594	2,375	2,444	2,481
Chaiyaphum	2,269	3,181	2,531	2,813	2,794	2,300	2,656	3,156
Nakhon Ratchasima	2,731	2,306	3,075	2,813	2,844	2,888	3,131	3,475
NORTHERN REGION								
Nakhon Sawan	3,950	3,869	4,175	3,750	3,813	3,319	3,919	3,813
Phetchabun	4,106	-	3,969	3,438	3,488	3,113	4,238	2,738
Uthai Thani	3,963	3,125	3,925	3,125	3,156	2,819	3,663	3,031
Kamphaeng Phet	3,850	3,631	3,825	3,125	3,281	3,081	3,969	3,756
Tak	3,088	3,444	3,375	3,125	3,188	3,000	3,000	3,194
Phichit	3,069	3,213	3,650	3,594	3,631	3,331	4,188	4,294
Phitsanulok	3,306	3,844	3,881	4,125	4,075	3,688	3,938	4,625
Nan	4,094	2,125	3,025	3,125	3,106	2,650	3,781	3,319
Phrae	3,944	-	-	-	2,575	2,563	3,194	3,125
Lampang	2,669	2,169	2,838	3,706	3,475	3,638	3,525	3,213
Sukhothai	4,113	3,844	4,363	3,531	3,138	3,125	3,463	3,869
Uttaradit	3,888	4,038	3,969	3,281	3,075	3,013	4,088	3,294
Chiang Mai	2,700	2,756	4,100	3,438	3,450	3,400	3,875	3,831
Chiang Rai	2,763	2,556	2,706	3,063	3,125	3,050	3,213	3,044
Mae Hong Son	2,744	2,388	2,544	3,319	2,838	2,813	-	-
Lamphun	4,775	3,869	3,725	3,688	3,688	3,688	4,169	3,681
Phayao	4,094	3,381	2,619	3,250	3,194	2,856	3,125	2,744

Table 4.6 Yield of second rice crop (kg/ha) by province, 1982 - 1989 (Continued)

(kg/ha)

Province	1982	1983	1984	1985	1986	1987	1988	1989
CENTRAL PLAIN REGION								
Lop Buri	3,331	3,363	3,944	3,750	3,800	3,688	4,050	4,375
Saraburi	3,519	3,638	3,881	3,750	3,606	3,556	3,900	3,656
Chai Nat	4,181	3,525	3,419	3,931	3,788	3,650	3,963	4,381
Nakhon Nayok	2,200	2,975	2,863	2,625	2,244	2,206	2,813	3,788
Nakhon Pathom	3,944	4,319	4,081	4,306	4,175	4,056	4,056	4,381
Nonthaburi	4,269	4,250	4,381	4,163	4,038	3,656	4,500	4,656
Pathum Thani	4,031	3,363	4,081	4,063	4,031	3,581	4,375	4,006
Ayutthaya	3,094	3,231	3,638	4,063	3,969	3,544	4,288	4,531
Sing Buri	3,694	3,825	3,838	4,688	4,500	4,313	4,325	4,650
Suphan Buri	3,844	3,456	3,963	4,225	4,144	4,050	4,219	4,344
Ang Thong	4,050	3,375	3,881	4,188	4,031	3,744	4,300	4,413
Bangkok Metropolis	2,438	2,488	3,663	2,756	2,781	2,750	3,444	3,538
Kanchanaburi	3,706	3,888	3,925	3,250	3,294	3,244	3,494	3,688
Prachuap Khiri Khan	3,063	2,150	3,275	2,675	2,975	2,619	2,813	2,838
Phetchaburi	3,300	2,869	3,231	3,375	3,313	3,125	3,356	3,700
Ratchaburi	2,881	3,163	3,781	3,988	4,156	3,813	3,906	3,163
Chachoengsao	2,813	3,138	3,856	3,106	3,175	3,125	3,563	4,144
Prachin Buri	3,831	2,075	3,819	2,813	2,963	2,600	3,594	3,844
Samut Prakan	3,494	2,788	3,819	2,956	3,031	2,650	3,369	4,338
Samut Sakhon	4,163	2,869	3,638	3,169	3,344	3,138	3,388	3,744
Samut Songkhram	-	-	-	-	-	-	-	3,213
Chon Buri	-	2,081	2,269	2,963	2,900	2,481	3,075	2,831
Rayong	2,819	2,350	2,350	2,813	2,788	2,681	2,669	2,931
Chanthaburi	-	-	-	1,981	-	-	-	-
Trat	-	-	-	-	-	-	-	-
SOUTHERN REGION								
Chumpon	2,788	2,269	3,138	2,500	2,531	2,500	2,575	2,450
Nakhon Si Thammarat	2,919	2,094	2,294	2,581	2,700	2,475	2,581	3,019
Phatthalung	3,000	2,381	2,475	2,750	2,231	2,113	2,538	2,544
Songkhla	2,325	3,000	2,763	2,813	2,850	2,856	2,831	3,231
Surat Thani	2,975	2,175	2,538	2,419	2,456	-	-	-
Krabi	-	-	-	2,538	2,556	2,469	2,613	2,619
Trang	4,550	2,531	2,500	-	-	1,956	-	-
Phangnga	-	-	-	-	-	-	2,081	-
Phuket	-	-	-	2,238	2,419	2,250	2,281	2,100
Ranong	-	-	-	-	-	-	-	-
Satun	2,619	3,356	1,869	2,238	2,419	2,250	2,281	2,100
Narathiwat	2,838	2,994	2,919	2,500	2,431	1,913	3,038	3,288
Pattani	-	2,838	3,200	2,563	2,388	2,713	3,225	2,513
Yala	3,850	3,100	3,475	2,500	2,500	2,344	2,225	2,444

Source: OAE, Office of Agricultural Economics

Table 4.7 Area harvested of maize (ha) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	-	-	-	-	-	-	-	-
Nong Khai	-	-	-	-	2,157	592	447	-
Udon Thani	39,232	17,271	19,745	37,011	54,459	52,987	40,348	48,779
Loei	157,825	92,441	127,143	139,293	163,822	156,540	140,336	168,277
Mukdahan	-	-	-	-	350	-	-	-
Yasothon	-	-	-	-	-	-	-	-
Ubon Ratchathani	7,210	2,980	1,866	3,379	4,115	4,455	3,543	4,217
Kalasin	-	-	-	-	-	-	-	-
Khon Kaen	9,286	10,206	8,395	12,407	12,522	10,251	4,790	10,782
Maha Sarakham	-	-	-	-	-	-	-	-
Roi Et	-	-	-	-	-	-	-	-
Buri Ram	12,141	4,596	1,470	3,662	12,973	5,847	1,839	3,211
Si Sa Ket	19,530	25,712	27,253	29,267	24,793	23,299	23,801	22,686
Surin	-	-	-	-	-	-	-	-
Chaiyaphum	28,437	30,034	32,451	30,239	47,754	48,329	31,711	64,168
Nakhon Ratchasima	202,068	183,990	195,480	180,443	189,215	167,206	135,364	159,302
NORTHERN REGION								
Nakhon Sawan	97,745	105,579	148,904	162,321	134,872	139,879	104,860	122,024
Phetchabun	220,464	209,373	282,296	316,313	288,741	278,644	176,910	268,068
Uthai Thani	80,230	73,545	92,269	90,536	65,872	79,821	52,956	80,668
Kamphaeng Phet	31,613	21,085	36,375	52,333	85,077	82,039	30,812	61,281
Tak	16,106	30,628	13,294	34,609	37,080	41,730	34,637	59,346
Phichit	31,536	24,947	12,032	13,158	14,619	12,982	9,218	17,561
Phitsanulok	49,342	42,384	38,189	46,967	82,995	78,518	34,117	54,311
Nan	18,209	21,180	34,397	37,347	35,461	39,991	24,516	32,764
Phrae	13,007	11,930	20,008	18,469	16,713	18,521	9,126	12,495
Lampang	4,403	3,536	10,823	3,652	5,356	5,450	5,484	5,125
Sukhothai	16,057	9,345	9,002	13,046	19,574	16,133	14,331	17,724
Uttaradit	20,309	19,313	33,912	33,688	35,173	29,999	28,268	30,010
Chiang Mai	2,956	1,909	1,651	1,982	1,888	2,448	3,673	2,687
Chiang Rai	43,483	43,468	35,902	42,927	34,484	41,190	37,684	39,489
Mae Hong Son	-	-	-	-	1,351	1,040	794	-
Lamphun	270	-	-	-	1,394	800	832	-
Phayao	12,136	6,066	6,898	8,620	15,682	21,407	15,678	18,237

Table 4.7 Area harvested of maize (ha) by province, 1981 - 1988 (Continued)

(ha)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	162,802	152,416	177,862	193,198	180,266	131,027	132,570	170,325
Saraburi	87,444	103,466	96,495	94,141	110,828	94,660	66,437	86,135
Chai Nat	3,447	1,577	1,130	2,192	5,300	5,033	2,414	2,288
Nakhon Nayok	325	-	-	-	-	-	-	-
Nakhon Pathom	-	-	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	-	-	-	-	-
Sing Buri	-	-	-	-	-	-	-	-
Suphan Buri	8,267	6,785	13,262	6,430	13,542	12,313	5,022	12,622
Ang Thong	-	-	-	-	-	-	-	-
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	5,324	17,525	16,636	22,433	33,630	30,904	18,425	35,727
Prachuap Khiri Khan	1,291	1,323	4,333	6,344	6,626	7,953	4,724	6,243
Phetchaburi	3,250	1,532	2,868	3,628	12,778	12,527	4,983	8,954
Ratchaburi	5,577	1,572	5,711	11,690	27,623	25,804	25,115	27,212
Chachoengsao	598	-	-	-	7,953	4,287	3,386	1,733
Prachin Buri	50,910	28,322	75,433	94,064	95,369	94,205	94,481	-
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	-	-	-	-	2,395	1,920	328	-
Rayong	-	-	-	-	1,549	450	152	-
Chanthaburi	2,251	-	-	11,435	26,988	26,721	27,718	29,777
Trat	-	-	-	-	220	-	-	-
SOUTHERN REGION								
Chumpon	-	-	-	-	2,117	1,116	1,115	2,399
Nakhon Si Thammarat	-	-	-	-	-	-	-	-
Phatthalung	-	-	-	-	-	-	-	-
Songkhla	-	-	-	-	-	-	-	-
Surat Thani	-	-	-	-	1,492	1,500	2,615	2,471
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	-	-	-	-	-
Narathiwat	-	-	-	-	-	-	-	-
Pattani	-	-	-	-	-	-	-	-
Yala	-	-	-	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.8 Production of maize (mt) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	-	-	-	-	-	-	-	-
Sakon Nakhon	-	-	-	-	568	1,450	360	-
Nong Khai	-	-	-	-	4,651	1,817	834	-
Udon Thani	83,317	42,038	45,044	79,589	147,856	112,970	91,120	125,919
Loei	384,295	261,162	346,416	379,358	423,183	420,042	269,405	482,063
Mukdahan	-	-	-	-	682	-	-	-
Yasothon	-	-	-	-	-	-	-	-
Ubon Ratchathani	11,710	9,697	3,790	9,057	11,511	12,555	10,978	12,157
Kalasin	-	-	-	-	3,957	7,879	4,066	7,259
Khon Kaen	25,530	17,735	18,493	33,658	33,219	29,650	12,334	31,263
Maha Sarakham	-	-	-	-	-	-	-	-
Roi Et	-	-	-	-	-	-	-	-
Buri Ram	23,284	12,115	2,519	8,572	30,754	13,619	3,449	6,328
Si Sa Ket	47,970	67,252	62,574	83,092	71,526	64,703	68,556	60,161
Surin	-	-	-	-	-	-	-	-
Chaiyaphum	45,392	57,158	65,884	67,283	103,449	88,178	73,331	138,914
Nakhon Ratchasima	349,344	300,964	391,598	393,234	423,299	296,638	248,731	402,405
NORTHERN REGION								
Nakhon Sawan	322,015	329,554	310,024	404,244	412,448	323,259	212,106	323,646
Phetchabun	556,724	450,610	667,975	795,470	814,996	774,753	394,730	795,687
Uthai Thani	156,339	128,779	239,223	221,458	159,677	131,497	92,342	174,668
Kamphaeng Phet	62,064	40,578	88,440	115,005	184,699	194,912	48,336	164,844
Tak	37,178	71,790	31,105	79,658	86,733	90,956	82,046	142,491
Phichit	60,568	43,043	18,907	28,737	31,235	30,740	15,498	48,450
Phitsanulok	100,831	96,742	97,976	105,533	207,357	170,184	62,766	134,910
Nan	59,296	41,596	70,376	83,125	80,105	95,742	41,434	78,987
Phrae	38,278	27,976	45,486	39,901	43,115	42,641	18,652	28,347
Lampang	9,307	9,402	21,674	7,439	10,279	11,601	11,545	12,028
Sukhothai	33,991	24,343	20,673	28,022	46,539	34,813	12,514	39,484
Uttaradit	42,938	36,726	54,131	70,137	70,990	62,630	39,398	66,909
Chiang Mai	7,753	3,801	4,153	3,983	4,682	5,807	5,990	6,789
Chiang Rai	90,353	77,311	60,485	95,204	75,211	99,463	88,975	95,165
Mae Hong Son	-	-	-	-	3,174	2,080	1,720	-
Lamphun	580	-	-	-	3,497	1,500	1,741	-
Phayao	36,748	11,078	14,794	20,007	39,262	57,623	38,032	45,959

Table 4.8 Production of maize (mt) by province, 1981 - 1988 (Continued)

(mt)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	427,145	415,099	413,952	533,565	479,386	303,797	263,483	412,773
Saraburi	242,491	211,814	225,202	225,222	300,531	262,853	137,879	246,368
Chai Nat	7,388	4,517	1,725	4,025	7,582	7,959	4,225	4,444
Nakhon Nayok	874	-	-	-	-	-	-	-
Nakhon Pathom	-	-	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	-	-	-	-	-
Sing Buri	-	-	-	-	-	-	-	-
Suphan Buri	15,398	17,946	23,035	12,255	26,766	23,882	10,009	27,406
Ang Thong	-	-	-	-	-	-	-	-
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	13,181	34,969	36,740	45,484	83,850	69,945	35,535	70,550
Prachuap Khiri Khan	3,270	5,569	7,962	13,909	16,461	16,631	8,293	12,541
Phetchaburi	7,620	4,811	6,507	5,789	27,697	22,638	6,852	17,416
Ratchaburi	12,560	5,006	14,161	24,536	53,643	39,064	26,791	56,889
Chachoengsao	874	-	-	-	12,999	11,878	8,113	4,463
Prachin Buri	126,982	141,123	141,367	182,430	287,171	289,256	258,752	288,571
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	-	-	-	-	2,694	4,800	699	-
Rayong	-	-	-	-	4,589	1,181	324	-
Chanthaburi	4,950	-	-	26,591	95,289	71,105	63,657	99,824
Trat	-	-	-	-	261	-	-	-
SOUTHERN REGION								
Chumpon	-	-	-	-	4,223	2,185	1,993	5,790
Nakhon Si Thammarat	-	-	-	-	-	-	-	-
Phatthalung	-	-	-	-	-	-	-	-
Songkhla	-	-	-	-	-	-	-	-
Surat Thani	-	-	-	-	2,322	1,892	3,268	3,295
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	-	-	-	-	-
Narathiwat	-	-	-	-	-	-	-	-
Pattani	-	-	-	-	-	-	-	-
Yala	-	-	-	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.9 Yield of maize (kg/ha) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	-	-	-	-	-	-	-	-
Sakon Nakhon	-	-	-	-	1,556	2,556	1,775	-
Nong Khai	-	-	-	-	2,156	3,069	1,869	-
Udon Thani	2,125	2,431	2,281	2,150	2,713	2,131	2,256	2,581
Loei	2,438	2,825	2,725	2,725	2,581	2,681	1,919	2,863
Mukdahan	-	-	-	-	1,950	-	-	-
Yasothon	-	-	-	-	-	-	-	-
Ubon Ratchathani	1,625	3,256	2,031	2,681	2,800	2,819	3,100	2,881
Kalasin	-	-	-	-	1,781	2,725	2,050	2,919
Khon Kaen	2,750	1,738	2,200	2,713	2,650	2,894	2,575	2,900
Maha Sarakham	-	-	-	-	-	-	-	-
Roi Et	-	-	-	-	-	-	-	-
Buri Ram	1,919	2,638	1,713	2,344	2,369	2,331	1,875	1,969
Si Sa Ket	2,456	2,613	2,294	2,838	2,888	2,775	2,881	2,650
Surin	-	-	-	-	-	-	-	-
Chaiyaphum	1,594	1,900	2,031	2,225	2,169	1,825	2,313	2,163
Nakhon Ratchasima	1,731	1,638	2,006	2,181	2,238	1,775	1,838	2,525
NORTHERN REGION								
Nakhon Sawan	3,294	3,119	2,081	2,488	3,056	2,313	2,025	2,650
Phetchabun	2,525	2,150	2,363	2,513	2,825	2,781	2,231	2,969
Uthai Thani	1,950	1,750	2,594	2,444	2,425	1,650	1,744	2,163
Kamphaeng Phet	1,963	1,925	2,431	2,200	2,169	2,375	1,569	2,688
Tak	2,306	2,344	2,338	2,300	2,338	2,181	2,369	2,400
Phichit	1,919	1,725	1,569	2,181	2,138	2,369	1,681	2,756
Phitsanulok	2,044	2,281	2,563	2,250	2,500	2,169	1,838	2,481
Nan	3,256	1,963	2,044	2,225	2,256	2,394	1,688	2,413
Phrae	2,944	2,344	2,275	2,163	2,581	2,300	2,044	2,269
Lampang	2,113	2,656	2,000	2,038	1,919	2,131	2,106	2,344
Sukhothai	2,119	2,606	2,294	2,150	2,375	2,156	875	2,225
Uttaradit	2,113	1,900	1,594	2,081	2,019	2,088	1,394	2,231
Chiang Mai	2,625	1,994	2,513	2,006	2,481	2,375	1,631	2,525
Chiang Rai	2,075	1,781	1,688	2,219	2,181	2,413	2,363	2,413
Mae Hong Son	-	-	-	-	2,350	2,000	2,163	-
Lamphun	2,150	-	-	-	2,506	1,875	2,094	-
Phayao	3,025	1,825	2,144	2,319	2,506	2,694	2,425	2,519

Table 4.9 Yield of maize (kg/ha) by province, 1981 - 1988 (Continued)

(kg/ha)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	2,625	2,725	2,325	2,763	2,656	2,319	1,988	2,425
Saraburi	2,775	2,050	2,331	2,394	2,713	2,775	2,075	2,863
Chai Nat	2,144	2,863	1,525	1,838	1,431	1,581	1,750	1,944
Nakhon Nayok	2,688	-	-	-	-	-	-	-
Nakhon Pathom	-	-	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	-	-	-	-	-
Sing Buri	-	-	-	-	-	-	-	-
Suphan Buri	1,863	2,644	1,738	1,906	1,975	1,938	1,994	2,169
Ang Thong	-	-	-	-	-	-	-	-
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	2,475	1,994	2,206	2,025	2,494	2,263	1,931	1,975
Prachuap Khiri Khan	2,531	4,206	1,838	2,194	2,488	2,094	1,756	2,006
Phetchaburi	2,344	3,138	2,269	1,594	2,169	1,806	1,375	1,944
Ratchaburi	2,250	3,188	2,481	2,100	1,944	1,513	1,069	2,088
Chachoengsao	1,463	-	-	-	1,638	2,769	2,394	2,575
Prachin Buri	2,494	4,981	2,406	2,419	3,050	3,031	2,744	3,056
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	-	-	-	-	1,125	2,500	2,131	-
Rayong	-	-	-	-	2,963	2,625	2,131	-
Chanthaburi	2,200	-	-	2,325	3,531	2,663	2,294	3,350
Trat	-	-	-	-	1,188	-	-	-
SOUTHERN REGION								
Chumpon	-	-	-	-	1,994	1,956	1,788	2,413
Nakhon Si Thammarat	-	-	-	-	-	-	-	-
Phatthalung	-	-	-	-	-	-	-	-
Songkhla	-	-	-	-	-	-	-	-
Surat Thani	-	-	-	-	1,556	1,263	1,250	1,331
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	-	-	-	-	-
Narathiwat	-	-	-	-	-	-	-	-
Pattani	-	-	-	-	-	-	-	-
Yala	-	-	-	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.10 Area harvested of sorghum (ha) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	-	-	-	-	-	-	-	-
Sakon Nakhon	-	-	-	-	-	-	-	-
Nong Khai	-	-	-	-	-	-	-	-
Udon Thani	-	-	26	500	-	-	-	-
Loei	2,103	-	-	-	-	-	-	-
Mukdahan	-	-	-	-	-	-	-	-
Yasothon	-	-	-	-	162	-	-	-
Ubon Ratchathani	-	-	-	137	242	-	-	-
Kalasin	-	-	-	-	-	-	-	-
Khon Kaen	-	-	-	1,366	398	227	-	-
Maha Sarakham	-	-	-	-	-	-	-	-
Roi Et	-	-	-	-	652	-	-	-
Buri Ram	-	-	-	710	1,728	912	-	-
Si Sa Ket	-	-	-	374	482	396	217	-
Surin	-	-	-	73	-	-	-	-
Chaiyaphum	3,184	1,825	4,851	8,839	7,349	1,982	1,439	1,177
Nakhon Ratchasima	5,196	4,568	4,123	15,758	18,588	6,571	4,234	4,137
NORTHERN REGION								
Nakhon Sawan	52,793	69,647	73,196	80,458	75,098	51,667	54,530	60,355
Phetchabun	57,742	23,086	26,963	38,830	39,393	29,688	19,377	21,228
Uthai Thani	10,496	9,412	5,159	6,304	6,701	6,203	4,180	3,284
Kamphaeng Phet	665	106	-	908	113	140	-	-
Tak	13	-	-	-	-	28	-	-
Phichit	1,473	524	439	158	209	92	-	-
Phitsanulok	-	71	-	-	-	15	-	-
Nan	-	-	-	-	-	-	-	-
Phrae	-	-	-	-	-	-	-	-
Lampang	-	274	-	-	-	-	-	-
Sukhothai	356	146	300	971	1,101	103	155	480
Uttaradit	-	-	-	-	157	282	450	193
Chiang Mai	-	-	-	-	-	-	-	-
Chiang Rai	-	-	-	-	-	-	-	-
Mae Hong Son	-	-	-	-	-	-	-	-
Lamphun	-	-	-	-	-	-	-	-
Phayao	-	-	-	-	-	-	-	-

Table 4.10 Area harvested of sorghum (ha) by province, 1981 - 1988 (Continued)

(ha)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	100,060	94,809	115,746	108,792	111,891	69,495	62,083	71,078
Saraburi	23,977	23,781	13,558	12,737	13,830	7,423	6,557	6,433
Chai Nat	3,138	922	317	366	526	965	773	880
Nakhon Nayok	-	-	-	-	-	-	-	-
Nakhon Pathom	-	-	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	-	-	-	-	-
Sing Buri	-	-	-	-	-	-	-	-
Suphan Buri	2,277	3,457	3,180	1,800	5,581	3,555	2,738	1,753
Ang Thong	-	-	-	-	-	-	-	-
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	1,644	1,886	1,711	3,201	4,988	3,237	2,564	1,911
Prachuap Khiri Khan	2	-	-	-	-	-	-	-
Phetchaburi	-	240	-	-	-	-	-	-
Ratchaburi	8	310	-	-	425	-	-	-
Chachoengsao	-	-	-	-	-	208	-	-
Prachin Buri	1,008	1,140	1,221	1,217	2,003	415	320	618
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	-	-	-	-	-	-	-	-
Rayong	-	-	-	-	-	-	-	-
Chanthaburi	-	-	-	150	-	-	-	-
Trat	-	-	-	94	-	-	-	-
SOUTHERN REGION								
Chumpon	-	-	-	-	-	-	-	-
Nakhon Si Thammarat	-	-	-	-	-	-	-	-
Phatthalung	-	-	-	-	-	-	-	-
Songkhla	-	-	-	-	-	-	-	-
Surat Thani	-	-	-	-	-	-	-	-
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	-	-	-	-	-
Narathiwat	-	-	-	-	-	-	-	-
Pattani	-	-	-	-	-	-	-	-
Yala	-	-	-	-	-	-	-	-
Others	-	-	21	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.11 Production of sorghum (mt) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	-	-	-	-	-	-	-	-
Sakon Nakhon	-	-	-	-	-	-	-	-
Nong Khai	-	-	-	-	-	-	-	-
Udon Thani	-	-	32	966	-	-	-	-
Loei	2,663	-	-	-	-	-	-	-
Mukdahan	-	-	-	-	-	-	-	-
Yasothon	-	-	-	-	206	-	-	-
Ubon Ratchathani	-	-	-	200	433	-	-	-
Kalasin	-	-	-	-	-	-	-	-
Khon Kaen	-	-	-	1,989	400	239	-	-
Maha Sarakham	-	-	-	-	-	-	-	-
Roi Et	-	-	-	-	1,181	-	-	-
Buri Ram	-	-	-	841	1,771	1,637	-	-
Si Sa Ket	-	-	-	463	1,153	747	455	-
Surin	-	-	-	105	-	-	-	-
Chaiyaphum	2,943	1,634	4,709	14,020	11,768	2,275	1,673	1,618
Nakhon Ratchasima	4,626	5,277	7,265	28,186	33,155	8,340	5,111	4,709
NORTHERN REGION								
Nakhon Sawan	51,840	58,111	87,906	101,281	101,798	59,038	61,201	80,781
Phetchabun	43,738	21,294	47,307	45,693	47,979	30,239	22,457	25,738
Uthai Thani	18,053	11,031	8,759	8,589	9,572	9,552	5,752	4,249
Kamphaeng Phet	653	129	-	1,118	167	209	-	-
Tak	20	-	-	-	-	36	-	-
Phichit	1,088	1,147	447	193	238	113	-	-
Phitsanulok	-	47	-	-	-	13	-	-
Nan	-	-	-	-	-	-	-	-
Phrae	-	-	-	-	-	-	-	-
Lampang	-	173	-	-	-	-	-	-
Sukhothai	389	235	312	1,299	1,707	168	209	651
Uttaradit	-	-	-	-	165	297	548	241
Chiang Mai	-	-	-	-	-	-	-	-
Chiang Rai	-	-	-	-	-	-	-	-
Mae Hong Son	-	-	-	-	-	-	-	-
Lamphun	-	-	-	-	-	-	-	-
Phayao	-	-	-	-	-	-	-	-

Table 4.11 Production of sorghum (mt) by province, 1981 - 1988 (Continued)

(mt)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	109,605	99,454	143,261	141,291	151,443	75,546	75,126	82,169
Saraburi	27,563	27,943	17,160	18,095	20,303	12,287	10,379	8,107
Chai Nat	2,490	935	369	523	718	1,183	932	1,129
Nakhon Nayok	-	-	-	-	-	-	-	-
Nakhon Pathom	-	-	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	-	-	-	-	-
Sing Buri	-	-	-	-	-	-	-	-
Suphan Buri	3,372	4,321	5,174	2,653	7,890	4,546	3,922	2,391
Ang Thong	-	-	-	-	-	-	-	-
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	2,898	2,658	2,375	4,562	8,207	4,028	3,486	2,417
Prachuap Khiri Khan	4	-	-	-	-	-	-	-
Phetchaburi	-	471	-	-	-	-	-	-
Ratchaburi	4	386	-	-	896	-	-	-
Chachoengsao	-	-	-	-	-	221	-	-
Prachin Buri	1,557	1,076	1,954	1,854	3,094	544	386	815
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	-	-	-	-	-	-	-	-
Rayong	-	-	-	-	-	-	-	-
Chanthaburi	-	-	-	274	-	-	-	-
Trat	-	-	-	86	-	-	-	-
SOUTHERN REGION								
Chumpon	-	-	-	-	-	-	-	-
Nakhon Si Thammarat	-	-	-	-	-	-	-	-
Phatthalung	-	-	-	-	-	-	-	-
Songkhla	-	-	-	-	-	-	-	-
Surat Thani	-	-	-	-	-	-	-	-
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	-	-	-	-	-
Narathiwat	-	-	-	-	-	-	-	-
Pattani	-	-	-	-	-	-	-	-
Yala	-	-	-	-	-	-	-	-
Others	-	-	27	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.12 Yield of sorghum (kg/ha) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	-	-	-	-	-	-	-	-
Sakon Nakhon	-	-	-	-	-	-	-	-
Nong Khai	-	-	-	-	-	-	-	-
Udon Thani	-	-	1,206	1,931	-	-	-	-
Loei	1,269	-	-	-	-	-	-	-
Mukdahan	-	-	-	-	-	-	-	-
Yasothon	-	-	-	-	1,275	-	-	-
Ubon Ratchathani	-	-	-	1,463	1,788	-	-	-
Kalasin	-	-	-	-	-	-	-	-
Khon Kaen	-	-	-	1,456	1,006	1,050	-	-
Maha Sarakham	-	-	-	-	-	-	-	-
Roi Et	-	-	-	-	1,813	-	-	-
Buri Ram	-	-	-	1,181	1,025	1,794	-	-
Si Sa Ket	-	-	-	1,238	2,394	1,881	2,100	-
Surin	-	-	-	1,438	-	-	-	-
Chaiyaphum	925	894	969	1,588	1,600	1,150	1,163	1,375
Nakhon Ratchasima	888	1,156	1,763	1,788	1,781	1,269	1,206	1,138
NORTHERN REGION								
Nakhon Sawan	981	831	1,200	1,256	1,356	1,144	1,125	1,338
Phetchabun	756	925	1,756	1,175	1,219	1,019	1,156	1,213
Uthai Thani	1,719	1,175	1,700	1,363	1,431	1,538	1,375	1,294
Kamphaeng Phet	981	1,219	-	1,231	1,481	1,494	-	-
Tak	1,581	-	-	-	-	1,306	-	-
Phichit	738	2,188	1,019	1,219	1,138	1,231	-	-
Phitsanulok	-	663	-	-	-	863	-	-
Nan	-	-	-	-	-	-	-	-
Phrae	-	-	-	-	-	-	-	-
Lampang	-	631	-	-	-	-	-	-
Sukhothai	1,094	1,356	1,038	1,338	1,550	1,625	1,344	1,356
Uttaradit	-	-	-	-	1,050	1,050	1,219	1,250
Chiang Mai	-	-	-	-	-	-	-	-
Chiang Rai	-	-	-	-	-	-	-	-
Mae Hong Son	-	-	-	-	-	-	-	-
Lamphun	-	-	-	-	-	-	-	-
Phayao	-	-	-	-	-	-	-	-

Table 4.12 Yield of sorghum (kg/ha) by province, 1981 - 1988 (Continued)

(kg/ha)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	1,094	1,050	1,238	1,300	1,356	1,088	1,213	1,156
Saraburi	1,150	1,175	1,263	1,419	1,469	1,656	1,581	1,263
Chai Nat	794	1,013	1,163	1,431	1,369	1,225	1,206	1,281
Nakhon Nayok	-	-	-	-	-	-	-	-
Nakhon Pathom	-	-	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	-	-	-	-	-
Sing Buri	-	-	-	-	-	-	-	-
Suphan Buri	1,481	1,250	1,625	1,475	1,413	1,281	1,431	1,363
Ang Thong	-	-	-	-	-	-	-	-
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	1,756	1,406	1,388	1,425	1,644	1,244	1,363	1,263
Prachuap Khiri Khan	1,738	-	-	-	-	-	-	-
Phetchaburi	-	1,963	-	-	-	-	-	-
Ratchaburi	519	1,244	-	-	2,106	-	-	-
Chachoengsao	-	-	-	-	-	1,063	-	-
Prachin Buri	1,544	944	1,600	1,525	1,544	1,313	1,206	1,319
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	-	-	-	-	-	-	-	-
Rayong	-	-	-	-	-	-	-	-
Chanthaburi	-	-	-	1,825	-	-	-	-
Trat	-	-	-	913	-	-	-	-
SOUTHERN REGION								
Chumpon	-	-	-	-	-	-	-	-
Nakhon Si Thammarat	-	-	-	-	-	-	-	-
Phatthalung	-	-	-	-	-	-	-	-
Songkhla	-	-	-	-	-	-	-	-
Surat Thani	-	-	-	-	-	-	-	-
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	-	-	-	-	-
Narathiwat	-	-	-	-	-	-	-	-
Pattani	-	-	-	-	-	-	-	-
Yala	-	-	-	-	-	-	-	-
Others	-	-	1,275	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.13 Area harvested of soybean (ha) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	-	-	-	-	-	-	21	-
Sakon Nakhon	-	-	-	-	352	-	46	1,402
Nong Khai	336	2	-	476	472	968	1,617	1,952
Udon Thani	620	16	258	338	621	1,188	6,552	8,759
Loei	5,377	6,294	8,812	13,472	15,487	18,353	25,373	30,807
Mukdahan	-	7	-	-	-	-	-	114
Yasothon	-	2	-	-	-	-	-	-
Ubon Ratchathani	-	18	-	-	-	-	-	-
Kalasin	-	-	-	-	-	-	438	693
Khon Kaen	113	120	1,130	1,832	3,854	6,114	7,027	11,698
Maha Sarakham	-	-	-	-	-	-	45	89
Roi Et	-	-	-	-	-	-	-	25
Buri Ram	195	8	-	-	-	-	154	78
Si Sa Ket	3	-	-	-	-	-	82	181
Surin	-	15	-	-	-	-	-	124
Chaiyaphum	-	270	-	455	1,028	1,234	1,925	4,495
Nakhon Ratchasima	526	892	2,214	2,417	2,952	3,408	4,232	5,028
NORTHERN REGION								
Nakhon Sawan	3,451	563	2,225	8,279	9,178	11,271	14,032	16,996
Phetchabun	1,970	1,668	6,639	6,414	9,681	8,793	10,362	26,476
Uthai Thani	632	126	-	2,055	4,272	5,011	9,897	8,561
Kamphaeng Phet	8,198	10,526	13,856	15,295	24,049	27,895	27,925	30,390
Tak	3,806	2,714	5,416	7,118	7,188	6,903	12,050	13,092
Phichit	-	-	-	-	-	-	898	878
Phitsanulok	3,076	3,653	1,399	1,995	4,501	8,800	7,376	10,802
Nan	198	115	-	320	392	400	1,976	5,207
Phrae	4,788	2,569	6,489	7,186	8,150	10,244	12,605	16,771
Lampang	2,045	2,002	1,754	2,230	2,839	2,976	3,970	4,877
Sukhothai	42,341	34,770	46,978	50,527	65,964	77,294	48,702	70,248
Uttaradit	4,988	1,919	4,435	11,220	16,801	19,087	20,991	27,853
Chiang Mai	24,378	7,534	35,540	37,473	36,688	39,391	37,877	39,710
Chiang Rai	1,504	1,637	1,848	4,756	4,659	5,779	8,591	9,100
Mae Hong Son	1,164	2,629	3,005	2,949	2,933	2,564	2,571	3,248
Lamphun	1,551	1,302	1,935	1,464	366	422	732	1,094
Phayao	1,718	488	-	767	1,187	870	1,341	1,260

Table 4.13 Area harvested of soybean (ha) by province, 1981 - 1988 (Continued)

(ha)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	2,748	7,149	3,013	3,399	4,695	7,272	11,310	17,469
Saraburi	6,625	4,608	1,746	4,720	2,901	7,243	7,544	7,290
Chai Nat	-	158	-	249	80	147	371	321
Nakhon Nayok	-	-	-	-	-	-	-	-
Nakhon Pathom	-	-	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	-	-	-	-	-
Sing Buri	-	-	-	76	-	-	405	104
Suphan Buri	112	96	68	759	1,336	528	690	887
Ang Thong	-	-	-	-	-	-	80	83
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	828	773	646	466	1,707	1,820	2,076	2,026
Prachuap Khiri Khan	16	104	-	-	45	40	23	322
Phetchaburi	515	213	-	200	223	121	813	562
Ratchaburi	64	275	288	-	424	293	-	224
Chachoengsao	516	730	978	1,181	1,067	1,284	1,280	1,829
Prachin Buri	573	4,088	3,565	2,834	4,740	4,028	7,938	7,379
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	-	15	-	-	-	-	-	-
Rayong	-	-	-	-	-	-	-	-
Chanthaburi	46	837	427	304	-	366	1,399	1,701
Trat	-	-	-	-	-	-	-	-
SOUTHERN REGION								
Chumpon	-	-	-	-	-	-	-	-
Nakhon Si Thammarat	-	-	-	-	-	-	-	-
Phatthalung	-	-	-	-	-	-	-	-
Songkhla	-	-	-	-	-	-	-	-
Surat Thani	-	-	-	-	-	-	-	-
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	-	-	-	-	-
Narathiwat	-	13	-	-	-	-	-	-
Pattani	-	-	-	-	-	-	-	-
Yala	-	-	-	-	-	-	-	-
Others	2	-	1,190	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.14 Production of soybean (mt) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	-	-	-	-	-	-	16	-
Sakon Nakhon	-	-	-	-	295	-	35	1,537
Nong Khai	267	4	-	604	543	1,256	1,960	2,588
Udon Thani	643	7	323	322	600	1,344	6,706	10,288
Loei	5,391	5,979	8,937	16,990	20,091	24,107	29,594	37,829
Mukdahan	-	6	-	-	-	-	-	89
Yasothon	-	1	-	-	-	-	-	-
Ubon Ratchathani	-	8	-	-	-	-	-	-
Kalasin	-	-	-	-	-	-	219	730
Khon Kaen	92	141	1,306	2,124	4,243	7,297	7,978	14,763
Maha Sarakham	-	-	-	-	-	-	28	88
Roi Et	-	-	-	-	-	-	-	19
Buri Ram	277	10	-	-	-	-	157	77
Si Sa Ket	1	-	-	-	-	-	77	199
Surin	-	19	-	-	-	-	-	117
Chaiyaphum	-	172	-	426	1,028	1,350	1,812	5,646
Nakhon Ratchasima	345	1,138	2,720	2,748	3,413	4,160	5,709	6,550
NORTHERN REGION								
Nakhon Sawan	4,234	723	3,335	11,569	13,592	15,388	15,845	22,296
Phetchabun	1,823	1,293	5,484	8,160	11,371	10,307	11,400	33,713
Uthai Thani	587	110	-	2,561	4,805	5,841	10,142	13,017
Kamphaeng Phet	9,888	8,960	13,090	19,897	33,146	36,960	28,855	39,043
Tak	3,699	3,613	4,742	8,837	8,529	8,487	13,434	14,191
Phichit	-	-	-	-	-	-	715	832
Phitsanulok	2,600	3,790	1,565	2,706	5,864	10,921	7,552	13,493
Nan	193	108	-	350	429	480	2,051	5,116
Phrae	5,297	3,586	7,851	8,800	9,027	11,499	12,821	18,240
Lampang	2,368	3,047	2,038	2,874	3,066	2,909	4,293	6,009
Sukhothai	47,682	34,776	56,827	67,270	87,351	100,151	54,071	103,131
Uttaradit	5,581	2,129	4,343	16,472	22,246	24,199	22,331	38,557
Chiang Mai	23,524	20,062	46,473	45,518	48,978	50,597	50,311	58,450
Chiang Rai	1,252	1,125	1,712	5,562	5,257	6,144	9,507	10,444
Mae Hong Son	1,151	1,839	2,773	3,220	3,383	2,882	2,711	4,424
Lamphun	1,498	1,646	2,322	1,942	468	488	808	1,380
Phayao	1,353	318	-	949	1,389	975	1,224	1,100

Table 4.14 Production of soybean (mt) by province, 1981 - 1988 (Continued)

(mt)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	2,696	6,700	3,775	4,109	5,780	9,269	12,454	23,782
Saraburi	6,294	5,381	2,434	5,523	3,445	9,252	6,782	9,518
Chai Nat	-	112	-	262	77	161	356	439
Nakhon Nayok	-	-	-	-	-	-	-	-
Nakhon Pathom	-	-	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	-	-	-	-	-
Sing Buri	-	-	-	72	-	-	412	106
Suphan Buri	270	114	82	844	1,412	544	684	1,106
Ang Thong	-	-	-	-	-	-	78	86
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	807	696	672	546	2,305	2,412	2,423	2,378
Prachuap Khiri Khan	27	89	-	-	57	49	15	422
Phetchaburi	342	193	-	189	251	137	730	669
Ratchaburi	107	379	289	-	465	323	-	246
Chachoengsao	592	836	1,462	1,370	1,260	1,453	1,668	2,368
Prachin Buri	580	3,650	2,451	3,182	5,258	4,652	8,250	9,500
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	-	17	-	-	-	-	-	-
Rayong	-	-	-	-	-	-	-	-
Chanthaburi	64	581	440	450	-	490	1,531	2,235
Trat	-	-	-	-	-	-	-	-
SOUTHERN REGION								
Chumpon	-	-	-	-	-	-	-	-
Nakhon Si Thammarat	-	-	-	-	-	-	-	-
Phatthalung	-	-	-	-	-	-	-	-
Songkhla	-	-	-	-	-	-	-	-
Surat Thani	-	-	-	-	-	-	-	-
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	-	-	-	-	-
Narathiwat	-	34	-	-	-	-	-	-
Pattani	-	-	-	-	-	-	-	-
Yala	-	-	-	-	-	-	-	-
Others	2	-	1,680	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.15 Yield of soybean (kg/ha) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	-	-	-	-	-	-	750	-
Sakon Nakhon	-	-	-	-	838	-	763	1,094
Nong Khai	794	1,788	-	1,269	1,150	1,300	1,213	1,325
Udon Thani	1,038	431	1,250	950	963	1,131	1,025	1,175
Loei	1,000	950	1,013	1,263	1,300	1,313	1,169	1,225
Mukdahan	-	850	-	-	-	-	-	781
Yasothon	-	419	-	-	-	-	-	-
Ubon Ratchathani	-	444	-	-	-	-	-	-
Kalasin	-	-	-	-	-	-	500	1,050
Khon Kaen	813	1,175	1,156	1,156	1,100	1,194	1,138	1,263
Maha Sarakham	-	-	-	-	-	-	625	988
Roi Et	-	-	-	-	-	-	988	744
Buri Ram	1,425	1,225	-	-	-	-	1,019	988
Si Sa Ket	369	-	-	-	-	-	938	1,100
Surin	-	1,263	-	-	-	-	-	944
Chaiyaphum	-	638	-	938	1,000	1,094	944	1,256
Nakhon Ratchasima	656	1,275	1,225	1,138	1,156	1,219	1,350	1,300
NORTHERN REGION								
Nakhon Sawan	1,225	1,281	1,500	1,400	1,481	1,363	1,131	1,313
Phetchabun	925	775	825	1,275	1,175	1,175	1,100	1,275
Uthai Thani	931	875	-	1,244	1,125	1,163	1,025	1,519
Kamphaeng Phet	1,206	850	944	1,300	1,381	1,325	1,031	1,288
Tak	969	1,331	875	1,244	1,188	1,231	1,113	1,081
Phichit	-	-	-	-	-	-	794	950
Phitsanulok	844	1,038	1,119	1,356	1,300	1,244	1,025	1,250
Nan	975	938	-	1,094	1,094	1,200	1,038	981
Phrae	1,106	1,394	1,213	1,225	1,106	1,125	1,019	1,088
Lampang	1,156	1,525	1,163	1,288	1,081	975	1,081	1,231
Sukhothai	1,125	1,000	1,213	1,331	1,325	1,294	1,113	1,469
Uttaradit	1,119	1,113	981	1,469	1,325	1,269	1,063	1,381
Chiang Mai	963	2,663	1,306	1,213	1,338	1,288	1,331	1,475
Chiang Rai	831	688	925	1,169	1,131	1,063	1,106	1,150
Mae Hong Son	988	700	925	1,094	1,156	1,125	1,056	1,363
Lamphun	969	1,263	1,200	1,325	1,275	1,156	1,106	1,263
Phayao	788	650	1,238	1,169	1,119	913	875	-

Table 4.15 Yield of soybean (kg/ha) by province, 1981 - 1988 (Continued)

(kg/ha)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	981	938	1,250	1,206	1,231	1,275	1,100	1,363
Saraburi	950	1,163	1,394	1,169	1,188	1,275	900	1,306
Chai Nat	-	706	-	1,050	963	1,094	963	1,369
Nakhon Nayok	-	-	-	-	-	-	-	-
Nakhon Pathom	-	-	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	-	-	-	-	-
Sing Buri	-	-	-	944	-	-	1,019	1,019
Suphan Buri	2,406	1,188	1,200	1,113	1,056	1,031	994	1,244
Ang Thong	-	-	-	-	-	-	975	1,031
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	975	900	1,038	1,169	1,350	1,325	1,169	1,175
Prachuap Khiri Khan	1,706	856	-	-	1,275	1,213	650	1,313
Phetchaburi	663	906	-	944	1,125	1,138	900	1,194
Ratchaburi	1,663	1,381	1,006	-	1,094	1,100	-	1,100
Chachoengsao	1,150	1,144	1,494	1,163	1,181	1,131	1,306	1,294
Prachin Buri	1,013	894	688	1,125	1,106	1,156	1,038	1,288
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	-	1,144	-	-	-	-	-	-
Rayong	-	-	-	-	-	-	-	-
Chanthaburi	1,388	694	1,031	1,481	-	1,338	1,094	1,313
Trat	-	-	-	-	-	-	-	-
SOUTHERN REGION								
Chumpon	-	-	-	-	-	-	-	-
Nakhon Si Thammarat	-	-	-	-	-	-	-	-
Phatthalung	-	-	-	-	-	-	-	-
Songkhla	-	-	-	-	-	-	-	-
Surat Thani	-	-	-	-	-	-	-	-
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	-	-	-	-	-
Narathiwat	-	2,563	-	-	-	-	-	-
Pattani	-	-	-	-	-	-	-	-
Yala	-	-	-	-	-	-	-	-
Others	894	-	1,413	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.16 Area harvested of groundnut (ha) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	150	125	383	862	618	505	367	473
Sakon Nakhon	776	853	3,088	2,088	1,723	1,737	1,581	1,553
Nong Khai	655	743	688	456	511	387	281	398
Udon Thani	918	860	833	918	1,312	1,399	1,276	1,475
Loei	6,013	6,391	5,470	3,374	3,168	3,024	3,229	2,405
Mukdahan	-	-	86	224	352	213	358	308
Yasothon	448	809	390	422	350	932	490	590
Ubon Ratchathani	768	992	304	1,629	1,237	1,770	1,672	1,651
Kalasin	1,267	2,928	3,276	2,949	5,210	5,091	4,317	6,101
Khon Kaen	797	786	500	1,242	2,151	3,053	2,587	2,240
Maha Sarakham	200	410	69	539	1,738	1,818	1,608	1,589
Roi Et	650	-	-	275	588	986	630	818
Buri Ram	4,518	3,416	3,632	3,665	2,679	1,858	2,039	2,189
Si Sa Ket	937	3,855	2,682	2,900	3,864	3,708	3,281	4,027
Surin	2,155	549	744	1,219	1,890	1,128	1,547	1,126
Chaiyaphum	1,332	594	1,219	1,535	2,296	1,810	1,731	1,691
Nakhon Ratchasima	5,148	2,668	1,876	3,700	4,579	3,907	3,806	4,802
NORTHERN REGION								
Nakhon Sawan	3,107	4,488	4,583	3,320	2,860	3,071	2,839	3,581
Phetchabun	1,844	2,066	1,443	1,626	2,123	1,562	1,252	1,412
Uthai Thani	331	-	-	1,000	818	768	711	683
Kamphaeng Phet	363	561	755	1,125	728	1,094	561 718	
Tak 806	3,417	1,911	2,202	2,899	2,649	1,988	2,102	
Phichit	250	135	269	337	315	266	187	205
Phitsanulok	882	1,954	2,233	1,741	1,406	1,437	1,570	1,669
Nan	16,181	14,470	11,930	10,144	7,976	9,200	9,041	6,687
Phrae	9,980	10,116	12,773	6,752	5,549	5,331	5,695	5,031
Lampang	12,160	9,023	13,277	12,671	11,186	13,174	12,030	11,782
Sukhothai	3,431	2,566	2,541	2,311	797	959	778	842
Uttaradit	3,079	1,805	3,035	2,836	1,992	2,068	1,634	2,337
Chiang Mai	6,469	5,392	5,534	8,862	7,714	11,576	11,771	9,898
Chiang Rai	6,682	6,249	6,672	4,385	4,806	4,993	6,214	5,175
Mae Hong Son	2,392	2,884	2,046	2,211	1,964	1,526	1,211	1,096
Lamphun	2,800	2,541	2,592	2,663	2,103	2,282	2,073	1,533
Phayao	4,823	5,618	4,333	4,255	5,289	7,001	6,512	6,268

Table 4.16 Area harvested of groundnut (ha) by province, 1981 - 1988 (Continued)

(ha)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	1,775	846	810	1,265	1,404	1,065	1,201	2,217
Saraburi	1,802	2,323	2,144	1,581	1,625	1,324	1,133	1,372
Chai Nat	222	328	574	767	543	381	503	440
Nakhon Nayok	-	2	-	21	-	-	-	-
Nakhon Pathom	-	2	-	44	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	17	-	-	-	-
Sing Buri	49	241	-	427	404	935	705	431
Suphan Buri	376	360	495	495	813	20	53	188
Ang Thong	-	-	-	-	-	-	-	-
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	264	323	522	611	537	447	316	202
Prachuap Khiri Khan	1,355	705	843	1,254	775	697	756	597
Phetchaburi	75	72	59	284	285	494	464	414
Ratchaburi	642	392	275	426	787	285	331	456
Chachoengsao	559	1,135	586	1,464	519	297	242	279
Prachin Buri	1,333	1,284	1,950	4,330	3,410	3,713	3,464	3,453
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	1,105	1,298	891	1,237	1,671	1,173	852	1,232
Rayong	2,064	1,811	2,796	1,838	2,479	1,998	2,275	2,265
Chanthaburi	1,785	4,203	3,816	3,024	3,071	2,557	2,399	2,392
Trat	412	289	216	1,437	1,039	1,465	1,069	1,633
SOUTHERN REGION								
Chumpon	-	518	678	887	964	1,211	953	1,043
Nakhon Si Thammarat	-	512	1,311	1,601	1,060	1,579	1,623	1,420
Phatthalung	-	812	364	1,730	1,172	921	833	976
Songkhla	-	-	-	541	547	471	340	453
Surat Thani	1,182	668	960	803	1,082	498	549	740
Krabi	-	-	-	500	385	141	109	212
Trang	-	-	-	317	235	240	123	199
Phangnga	-	-	-	333	267	301	198	256
Phuket	-	-	-	156	52	-	-	-
Ranong	-	-	-	102	80	-	-	-
Satun	-	-	-	238	86	32	102	-
Narathiwat	29	110	56	499	250	-	99	175
Pattani	-	-	-	170	254	385	322	283
Yala	-	-	-	119	428	-	-	-
Others	-	-	45	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.17 Production of groundnut (mt) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	156	109	364	906	702	509	435	584
Sakon Nakhon	634	847	2,625	2,016	1,983	2,012	2,099	1,756
Nong Khai	495	557	507	372	852	636	531	390
Udon Thani	939	778	730	1,041	1,889	2,259	1,883	1,935
Loei	4,998	4,941	4,478	4,016	4,395	4,673	3,821	4,296
Mukdahan	-	-	72	279	255	174	474	301
Yasothon	399	584	470	444	465	1,005	625	699
Ubon Ratchathani	819	836	302	1,731	1,589	2,068	2,187	2,230
Kalasin	1,854	2,744	3,284	3,504	6,246	5,062	5,717	8,956
Khon Kaen	699	1,031	822	1,525	2,889	2,982	3,232	3,304
Maha Sarakham	258	365	115	910	2,231	1,880	1,726	1,675
Roi Et	964	-	-	353	742	886	778	1,013
Buri Ram	4,513	5,114	5,511	4,338	3,946	2,604	2,560	2,915
Si Sa Ket	1,239	4,868	3,721	4,197	4,902	5,326	5,174	6,420
Surin	2,017	992	634	1,355	2,201	1,760	2,058	1,560
Chaiyaphum	2,234	1,116	1,569	1,751	2,921	2,340	2,188	2,434
Nakhon Ratchasima	6,729	3,487	2,450	4,414	6,998	5,686	5,689	6,677
NORTHERN REGION								
Nakhon Sawan	5,304	6,492	6,445	4,048	6,358	5,426	5,983	5,848
Phetchabun	2,977	2,536	1,957	2,710	3,539	2,665	2,222	2,553
Uthai Thani	398	-	-	1,359	1,202	1,107	1,109	1,029
Kamphaeng Phet	480	880	1,095	1,371	916	1,828	814	1,031
Tak	1,306	3,950	2,126	2,816	3,946	4,125	2,912	3,256
Phichit	360	214	367	453	396	427	282	302
Phitsanulok	997	1,392	3,302	2,522	1,801	2,215	2,382	2,307
Nan	21,786	16,374	17,224	15,774	10,988	11,178	10,796	7,234
Phrae	15,604	16,001	15,168	9,186	7,379	7,001	6,837	6,443
Lampang	18,878	12,376	13,759	17,640	16,215	16,778	14,147	15,373
Sukhothai	2,858	2,550	1,760	3,071	1,275	953	1,022	1,165
Uttaradit	3,502	2,608	2,864	3,766	2,664	2,507	2,286	3,075
Chiang Mai	6,565	7,650	9,230	12,669	9,910	16,758	16,454	13,728
Chiang Rai	7,276	7,067	8,984	6,075	7,826	7,756	9,153	8,045
Mae Hong Son	2,751	3,352	2,686	2,938	3,021	2,621	1,916	1,797
Lamphun	3,682	4,084	3,629	4,484	3,225	3,506	3,247	2,239
Phayao	4,914	6,511	5,471	6,154	7,212	9,860	10,007	8,141

Table 4.17 Production of groundnut (mt) by province, 1981 - 1988 (Continued)

(mt)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	2,889	1,387	1,261	2,296	2,296	1,603	1,685	3,330
Saraburi	3,064	2,394	4,066	2,743	3,776	2,288	1,788	2,599
Chai Nat	320	521	1,065	795	918	561	855	784
Nakhon Nayok	-	2	-	40	-	-	-	-
Nakhon Pathom	-	4	-	62	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	34	-	-	-	-
Sing Buri	36	223	-	678	581	1,568	1,186	684
Suphan Buri	565	459	635	679	1,323	37	69	287
Ang Thong	1	-	-	-	-	-	-	-
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	283	432	675	839	755	387	418	240
Prachuap Khiri Khan	1,610	1,021	786	1,853	707	958	898	676
Phetchaburi	143	66	61	398	395	813	821	659
Ratchaburi	844	348	404	559	1,360	553	478	783
Chachoengsao	704	1,381	683	2,048	783	404	425	457
Prachin Buri	1,179	1,381	2,467	8,076	6,126	4,752	5,257	5,243
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	704	957	1,202	1,534	2,058	1,222	1,048	1,429
Rayong	2,395	1,438	1,978	2,411	3,279	2,879	2,691	2,950
Chanthaburi	1,703	7,723	4,545	4,187	3,300	3,601	3,556	3,134
Trat	560	242	234	2,103	1,429	1,959	1,521	2,260
SOUTHERN REGION								
Chumpon	-	842	542	1,227	1,737	2,068	1,435	1,747
Nakhon Si Thammarat	-	439	1,073	1,938	1,318	1,829	1,845	1,664
Phatthalung	-	982	344	2,193	1,568	756	752	1,025
Songkhla	-	-	-	727	631	527	339	499
Surat Thani	911	570	678	1,207	1,330	489	598	847
Krabi	-	-	-	666	447	165	135	249
Trang	-	-	-	332	305	300	166	257
Phangnga	-	-	-	399	399	415	242	352
Phuket	-	-	-	200	78	-	-	-
Ranong	-	-	-	138	85	-	-	-
Satun	-	-	-	366	105	38	134	92
Narathiwat	23	105	49	772	383	-	148	266
Pattani	-	-	-	275	327	433	303	317
Yala	-	-	-	121	500	-	-	-
Others	-	-	81	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.18 Yield of groundnut (kg/ha) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	1,044	869	950	1,050	1,144	1,006	1,188	1,231
Sakon Nakhon	819	994	850	969	1,150	844	1,325	1,131
Nong Khai	756	750	738	819	1,669	1,644	1,894	981
Udon Thani	1,025	906	875	1,131	1,438	1,613	1,475	1,313
Loei	831	775	819	1,188	1,388	1,544	1,181	1,788
Mukdahan	-	-	838	1,250	725	813	1,325	975
Yasothon	894	719	1,206	1,050	1,331	1,081	1,275	1,181
Ubon Ratchathani	1,069	844	994	1,063	1,281	1,169	1,306	1,350
Kalasin	1,463	938	1,000	1,188	1,200	994	1,325	1,469
Khon Kaen	875	1,313	1,644	1,225	1,344	975	1,250	1,475
Maha Sarakham	1,294	888	1,663	1,688	1,281	1,031	1,075	1,056
Roi Et	1,481	-	-	1,288	1,263	900	1,231	1,238
Buri Ram	1,000	1,500	1,519	1,181	1,475	1,400	1,256	1,331
Si Sa Ket	1,325	1,263	1,388	1,450	1,269	1,438	1,575	1,594
Surin	938	1,806	850	1,113	1,163	1,569	1,331	1,388
Chaiyaphum	1,675	1,881	1,288	1,144	1,275	1,294	1,263	1,438
Nakhon Ratchasima	1,306	1,306	1,306	1,194	1,531	1,456	1,494	1,388
NORTHERN REGION								
Nakhon Sawan	1,706	1,444	1,406	1,219	2,225	1,769	2,106	1,631
Phetchabun	1,613	1,225	1,356	1,669	1,669	1,706	1,775	1,806
Uthai Thani	1,200	-	-	1,356	1,469	1,444	1,563	1,506
Kamphaeng Phet	1,325	1,569	1,450	1,219	1,256	1,669	1,450	1,438
Tak	1,619	1,156	1,113	1,281	1,363	1,556	1,463	1,550
Phichit	1,444	1,588	1,363	1,344	1,256	1,606	1,513	1,469
Phitsanulok	1,131	713	1,481	1,450	1,281	1,544	1,519	1,381
Nan	1,344	1,131	1,444	1,556	1,375	1,213	1,194	1,081
Phrae	1,563	1,581	1,188	1,363	1,331	1,313	1,200	1,281
Lampang	1,550	1,369	1,038	1,394	1,450	1,275	1,175	1,306
Sukhothai	831	994	694	1,331	1,600	994	1,313	1,381
Uttaradit	1,138	1,444	944	1,325	1,338	1,213	1,400	1,319
Chiang Mai	1,013	1,419	1,669	1,431	1,288	1,450	1,400	1,388
Chiang Rai	1,088	1,131	1,344	1,388	1,631	1,556	1,475	1,556
Maè Hong Son	1,150	1,163	1,313	1,331	1,538	1,719	1,581	1,638
Lamphun	1,313	1,606	1,400	1,681	1,531	1,538	1,569	1,463
Phayao	1,019	1,156	1,263	1,444	1,363	1,406	1,538	1,300

Table 4.18 Yield of groundnut (kg/ha) by province, 1981 - 1988 (Continued)

(kg/ha)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	1,625	1,638	1,556	1,813	1,638	1,506	1,400	1,500
Saraburi	1,700	1,031	1,894	1,738	2,325	1,725	1,575	1,894
Chai Nat	1,438	1,588	1,856	1,038	1,694	1,475	1,700	1,781
Nakhon Nayok	-	831	-	1,925	-	-	-	-
Nakhon Pathom	-	1,669	-	1,419	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	2,025	-	-	-	-
Sing Buri	731	925	-	1,588	1,250	1,675	1,681	1,588
Suphan Buri	1,500	1,275	1,281	1,375	1,625	1,838	1,294	1,525
Ang Thong	3,125	-	-	-	-	-	-	-
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	1,075	1,338	1,294	1,375	1,406	869	1,325	1,188
Prachuap Khiri Khan	1,188	1,450	931	1,475	913	1,375	1,188	1,131
Phetchaburi	1,900	919	1,038	1,400	1,388	1,644	1,769	1,594
Ratchaburi	1,313	888	1,469	1,313	1,731	1,944	1,444	1,719
Chachoengsao	1,263	1,219	1,163	1,400	1,506	1,363	1,756	1,638
Prachin Buri	888	1,075	1,263	1,863	1,794	1,281	1,519	1,519
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	638	738	1,350	1,238	1,231	1,044	1,231	1,163
Rayong	1,163	794	706	1,313	1,325	1,444	1,181	1,300
Chanthaburi	956	1,838	1,194	1,388	1,075	1,406	1,481	1,313
Trat	1,363	838	1,081	1,463	1,375	1,338	1,425	1,381
SOUTHERN REGION								
Chumpon	-	1,625	800	1,381	1,800	1,706	1,506	1,675
Nakhon Si Thammarat	-	856	819	1,213	1,244	1,156	1,138	1,169
Phatthalung	-	1,213	944	1,269	1,338	819	900	1,050
Songkhla	-	-	-	1,344	1,156	1,119	994	1,100
Surat Thani	769	856	706	1,500	1,231	981	1,088	1,144
Krabi	-	-	-	1,331	1,163	1,169	1,238	1,175
Trang	-	-	-	1,044	1,300	1,250	1,350	1,288
Phangnga	-	-	-	1,200	1,494	1,381	1,219	1,375
Phuket	-	-	-	1,288	1,488	-	-	-
Ranong	-	-	-	1,356	1,063	-	-	-
Satun	-	-	-	1,538	1,225	1,188	1,319	1,256
Narathiwat	788	956	875	1,550	1,531	-	1,494	1,525
Pattani	-	-	-	1,619	1,288	1,125	944	1,119
Yala	-	-	-	1,019	1,169	-	-	-
Others	-	-	1,806	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.19 Area harvested of mungbean (ha) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	8	-	-	231	252	-	-	-
Sakon Nakhon	54	5	39	997	546	259	188	26
Nong Khai	1,022	57	63	1,228	1,722	752	564	522
Udon Thani	382	1,304	1,556	1,812	4,326	2,193	1,681	2,307
Loei	5,615	4,802	4,188	16,941	15,005	10,509	8,642	7,407
Mukdahan	-	-	-	262	261	-	-	-
Yasothon	5	2	-	157	321	-	-	-
Ubon Ratchathani	21	-	-	215	858	1,011	245	219
Kalasin	2	65	-	1,503	365	166	-	-
Khon Kaen	1,233	3,644	8,086	6,136	8,568	6,051	4,965	4,316
Maha Sarakham	-	-	-	665	-	-	-	-
Roi Et	2	-	-	532	-	-	-	-
Buri Ram	35	234	122	361	640	587	256	285
Si Sa Ket	282	93	150	1,136	2,469	2,200	2,045	2,737
Surin	90	-	92	117	-	-	-	-
Chaiyaphum	3,143	5,401	6,060	5,490	8,096	7,586	8,603	11,966
Nakhon Ratchasima	2,512	1,870	3,392	4,129	6,905	6,578	6,097	5,615
NORTHERN REGION								
Nakhon Sawan	49,163	42,233	52,063	49,437	46,502	44,789	35,660	39,800
Phetchabun	89,361	80,306	91,579	97,313	110,224	121,275	105,885	129,927
Uthai Thani	3,040	-	-	16,852	15,201	15,294	13,768	11,381
Kamphaeng Phet	52,955	57,678	35,621	43,816	68,086	67,950	62,030	43,497
Tak	3,124	7,029	9,031	4,341	6,697	4,992	4,163	4,586
Phichit	23,491	19,670	22,479	26,857	28,309	21,067	17,247	17,911
Phitsanulok	52,108	48,233	44,673	36,714	34,917	33,620	33,237	31,948
Nan	1,216	9,126	10,863	19,294	18,843	20,021	17,748	21,970
Phrae	2,423	8,381	10,347	9,333	5,413	3,677	2,390	3,431
Lampang	276	1,862	2,532	1,337	1,161	2,730	2,029	2,048
Sukhothai	46,736	47,853	45,700	46,940	49,701	41,387	36,262	38,635
Uttaradit	18,191	23,819	23,174	22,455	17,931	15,379	14,476	12,303
Chiang Mai	5	71	449	275	995	-	-	-
Chiang Rai	430	974	1,335	967	1,638	919	1,035	225
Mae Hong Son	1	44	-	-	-	-	-	-
Lamphun	350	251	194	320	414	79	634	763
Phayao	1,516	1,219	732	1,325	3,040	3,229	3,959	3,335

Table 4.19 Area harvested of mungbean (ha) by province, 1981 - 1988 (Continued)

(ha)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	66,161	48,651	46,756	30,975	30,870	27,380	25,860	34,416
Saraburi	9,090	9,318	11,160	7,770	10,997	11,484	10,249	10,456
Chai Nat	1,296	2,182	1,228	1,223	2,178	1,360	1,214	1,579
Nakhon Nayok	-	71	-	-	-	-	-	-
Nakhon Pathom	-	10	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	3,043	1,577	3,900	3,385	2,814	2,220	1,589	1,903
Sing Buri	1,400	1,270	2,657	3,275	2,151	2,042	1,199	1,474
Suphan Buri	161	1,983	710	543	987	331	416	-
Ang Thong	1,653	1,526	571	1,094	2,245	1,308	1,503	794
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	93	78	51	372	464	541	274	116
Prachuap Khiri Khan	433	72	198	89	537	327	194	223
Phetchaburi	680	206	252	568	80	867	1,183	886
Ratchaburi	2,376	5,280	2,564	2,788	2,758	3,251	1,988	3,026
Chachoengsao	304	56	-	1,139	1,093	76	-	-
Prachin Buri	10,553	3,868	2,031	2,173	6,525	2,540	1,934	2,450
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	57	151	125	1,463	377	-	-	-
Rayong	144	22	-	932	1,570	-	-	-
Chanthaburi	192	453	631	525	361	979	1,490	1,627
Trat	-	17	-	165	-	-	-	-
SOUTHERN REGION								
Chumpon	-	-	-	-	-	-	28	-
Nakhon Si Thammarat	385	121	129	1,110	543	622	985	556
Phatthalung	1,002	861	896	2,481	1,668	2,314	2,068	3,298
Songkhla	-	-	-	269	338	444	640	518
Surat Thani	2	6	-	-	374	192	202	222
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	38	-	-	-	-
Narathiwat	11	26	-	-	-	-	26	-
Pattani	-	-	-	806	718	323	724	1,342
Yala	-	-	81	-	56	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.20 Production of mungbean (mt) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	7	-	-	116	140	-	-	-
Sakon Nakhon	43	3	16	440	263	138	97	14
Nong Khai	626	32	29	712	1,035	452	339	294
Udon Thani	284	829	878	1,371	2,359	1,178	821	1,498
Loei	3,439	3,114	2,157	11,859	8,909	5,510	4,940	5,833
Mukdahan	-	-	-	132	186	-	-	-
Yasothon	1	1	-	92	128	-	-	-
Ubon Ratchathani	11	-	-	108	399	589	154	139
Kalasin	1	45	-	611	165	82	-	-
Khon Kaen	1,910	2,465	3,521	3,878	5,569	3,157	3,071	2,800
Maha Sarakham	-	-	-	420	-	-	-	-
Roi Et	1	-	-	255	-	-	-	-
Buri Ram	23	146	69	233	320	326	131	162
Si Sa Ket	198	70	97	714	1,296	1,206	1,223	1,437
Surin	52	-	42	60	-	-	-	-
Chaiyaphum	2,080	3,514	3,460	3,307	4,052	4,219	5,365	8,164
Nakhon Ratchasima	1,871	979	1,887	2,335	4,339	2,629	3,519	3,666
NORTHERN REGION								
Nakhon Sawan	27,395	37,605	38,090	41,350	32,445	27,167	21,897	29,971
Phetchabun	61,251	50,859	62,463	79,495	64,750	69,314	65,262	93,256
Uthai Thani	3,304	-	-	10,088	9,596	9,679	7,138	7,339
Kamphaeng Phet	26,794	33,128	21,908	28,207	40,386	51,098	40,707	31,376
Tak	3,805	2,580	5,086	2,219	5,623	3,329	2,491	3,315
Phichit	16,810	12,407	13,048	21,895	18,064	11,669	10,107	13,259
Phitsanulok	32,736	28,396	34,767	26,280	17,891	24,581	21,332	24,060
Nan	1,030	5,567	6,883	12,665	11,129	10,022	8,964	14,006
Phrae	1,681	5,447	4,556	6,633	3,607	2,545	1,673	2,692
Lampang	261	796	914	1,090	733	1,262	1,129	1,383
Sukhothai	29,515	32,682	34,501	37,480	37,278	25,431	22,440	29,133
Uttaradit	13,757	18,112	9,244	14,695	8,115	8,488	7,419	8,766
Chiang Mai	2	60	317	218	991	-	-	-
Chiang Rai	312	638	987	1,000	915	532	589	160
Mae Hong Son	1	21	-	-	-	-	-	-
Lamphun	204	212	131	204	428	49	382	539
Phayao	1,096	808	486	934	1,533	1,777	2,103	2,044

Table 4.20 Production of mungbean (mt) by province, 1981 - 1988 (Continued)

(mt)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	30,957	24,531	26,915	17,800	17,715	15,619	16,177	25,692
Saraburi	4,601	5,205	6,208	7,348	5,923	7,837	6,989	8,075
Chai Nat	1,002	1,112	770	903	1,628	802	674	1,125
Nakhon Nayok	-	28	-	-	-	-	-	-
Nakhon Pathom	-	4	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	1,458	779	2,079	1,904	1,416	1,184	862	1,084
Sing Buri	1,091	603	1,994	1,895	1,460	1,067	815	1,041
Suphan Buri	147	694	359	343	451	188	242	-
Ang Thong	1,144	563	340	815	1,444	910	1,034	588
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	100	87	39	335	290	287	150	72
Prachuap Khiri Khan	605	30	145	81	358	160	101	125
Phetchaburi	437	95	166	485	61	417	665	567
Ratchaburi	1,967	2,420	1,735	2,083	1,774	2,053	1,221	1,896
Chachoengsao	152	50	-	806	724	38	-	-
Prachin Buri	8,144	3,195	1,267	1,879	3,849	1,461	1,342	2,015
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	32	147	75	725	186	-	-	-
Rayong	92	12	-	559	942	-	-	-
Chanthaburi	127	274	281	274	178	677	1,099	1,373
Trat	-	10	-	77	-	-	-	-
SOUTHERN REGION								
Chumpon	-	-	-	-	-	-	13	-
Nakhon Si Thammarat	207	119	47	756	440	345	591	371
Phatthalung	865	732	345	1,371	1,122	1,164	1,138	2,145
Songkhla	-	-	-	127	173	222	316	279
Surat Thani	1	16	-	-	206	116	116	128
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	21	-	-	-	-
Narathiwat	20	34	-	-	-	-	13	-
Pattani	-	-	-	671	390	144	439	741
Yala	-	-	35	-	28	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.21 Yield of mungbean (kg/ha) by province, 1981 - 1988

Province	1981	1982	1983	1984	1985	1986	1987	1988
NORTH-EASTERN REGION								
Nakhon Phanom	913	-	-	500	556	-	-	-
Sakon Nakhon	800	569	425	444	481	531	519	550
Nong Khai	613	563	469	581	600	600	600	563
Udon Thani	744	638	563	756	231	538	488	650
Loei	613	650	513	700	594	525	569	788
Mukdahan	-	-	-	506	713	-	-	-
Yasothon	188	419	-	581	400	-	-	-
Ubon Ratchathani	513	-	-	500	463	581	631	631
Kalasin	419	694	-	406	450	494	-	-
Khon Kaen	1,538	675	438	631	650	519	619	650
Maha Sarakham	-	-	-	631	-	-	-	-
Roi Et	481	-	-	481	-	-	-	-
Buri Ram	663	625	563	644	500	556	513	569
Si Sa Ket	700	756	644	631	525	550	600	525
Surin	575	-	456	513	-	-	-	-
Chaiyaphum	663	650	569	600	500	556	625	681
Nakhon Ratchasima	744	525	556	563	631	400	575	650
NORTHERN REGION								
Nakhon Sawan	556	888	731	838	700	606	613	750
Phetchabun	688	631	681	819	588	569	619	719
Uthai Thani	1,088	-	-	600	631	631	519	644
Kamphaeng Phet	506	575	613	644	594	750	656	719
Tak	1,219	369	563	513	838	669	600	725
Phichit	713	631	581	813	638	556	588	738
Phitsanulok	631	588	781	719	513	731	644	750
Nan	844	613	631	656	594	500	506	638
Phrae	694	650	438	713	669	694	700	788
Lampang	944	425	363	813	631	463	556	675
Sukhothai	631	681	756	800	750	613	619	756
Uttaradit	756	763	400	656	450	550	513	713
Chiang Mai	419	844	694	794	994	-	-	-
Chiang Rai	725	656	738	1,031	556	581	569	713
Mae Hong Son	694	475	-	-	-	-	-	-
Lamphun	581	844	675	638	1,038	625	600	706
Phayao	725	663	663	706	506	550	531	613

Table 4.21 Yield of mungbean (kg/ha) by province, 1981 - 1988 (Continued)

(kg/ha)

Province	1981	1982	1983	1984	1985	1986	1987	1988
CENTRAL PLAIN REGION								
Lop Buri	469	506	575	575	575	569	625	744
Saraburi	506	556	556	944	538	681	681	775
Chai Nat	775	513	625	738	750	588	556	713
Nakhon Nayok	-	394	-	-	-	-	-	-
Nakhon Pathom	-	419	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	481	494	531	563	506	531	544	569
Sing Buri	781	475	750	581	681	525	681	706
Suphan Buri	913	350	506	631	456	569	581	-
Ang Thong	694	369	594	744	644	694	688	744
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	1,081	1,119	769	900	625	531	550	625
Prachuap Khiri Khan	1,394	419	731	913	669	488	519	563
Phetchaburi	644	463	656	856	763	481	563	638
Ratchaburi	825	456	675	750	644	631	613	625
Chachoengsao	500	894	-	706	663	500	-	-
Prachin Buri	769	825	625	863	588	575	694	825
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	563	969	600	494	494	-	-	-
Rayong	644	550	-	600	600	-	-	-
Chanthaburi	663	606	444	519	494	694	738	844
Trat	-	600	-	469	-	-	-	-
SOUTHERN REGION								
Chumpon	-	-	-	-	-	-	475	-
Nakhon Si Thammarat	538	981	363	681	813	556	600	669
Phatthalung	863	850	388	550	675	500	550	650
Songkhla	-	-	-	475	513	500	494	538
Surat Thani	481	756	-	-	550	606	575	575
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	550	-	-	-	-
Narathiwat	1,869	1,306	-	-	-	-	506	-
Pattani	-	-	-	831	544	444	606	550
Yala	-	-	431	-	500	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.22 Area harvested of cassava (ha) by province, 1982 - 1989

Province	1982	1983	1984	1985	1986	1987	1988	1989
NORTH-EASTERN REGION								
Nakhon Phanom	11,914	14,286	16,906	21,005	13,412	15,991	15,287	16,051
Sakon Nakhon	11,800	15,412	18,005	19,450	21,093	23,002	23,966	23,621
Nong Khai	54,173	42,325	63,941	74,900	61,535	61,803	67,202	74,884
Udon Thani	37,290	24,140	47,689	52,662	50,066	58,242	73,514	86,911
Loei	3,238	7,086	11,987	16,443	13,359	14,044	19,221	10,048
Mukdahan	-	-	2,246	2,821	3,128	6,353	12,646	16,358
Yasothon	5,797	5,850	6,052	6,213	5,359	5,900	6,702	9,099
Ubon Ratchathani	5,796	9,688	11,229	21,202	16,788	18,876	20,405	19,484
Kalasin	52,186	36,676	43,273	49,146	44,244	50,597	74,280	79,726
Khon Kaen	70,528	61,826	67,459	65,250	61,401	73,660	71,854	76,648
Maha Sarakham	31,544	27,600	32,528	30,356	27,878	33,262	34,726	50,851
Roi Et	19,054	20,254	39,801	40,159	40,954	43,412	44,413	33,905
Buri Ram	16,299	39,772	52,405	49,276	45,820	49,614	54,085	48,703
Si Sa Ket	6,431	5,145	5,295	13,069	8,768	10,324	10,467	9,884
Surin	7,940	6,582	5,220	6,918	5,573	7,895	8,191	9,935
Chaiyaphum	42,350	41,941	58,730	66,376	66,087	69,229	79,880	89,631
Nakhon Ratchasima	312,876	259,885	303,474	267,414	246,550	267,459	313,409	332,790
NORTHERN REGION								
Nakhon Sawan	8,355	7,479	8,246	13,529	8,010	11,247	14,136	13,710
Phetchabun	-	-	-	401	418	458	674	2,433
Uthai Thani	11,474	12,860	15,283	11,586	11,535	13,325	16,004	20,528
Kamphaeng Phet	7,170	10,307	12,385	19,117	25,996	37,506	39,208	52,311
Tak	-	-	-	-	-	-	234	424
Phichit	-	-	-	-	-	743	1,324	3,320
Phitsanulok	10,532	10,260	15,399	13,997	12,878	22,091	22,941	36,789
Nan	-	-	-	-	-	-	-	-
Phrae	-	-	-	-	-	-	-	-
Lampang	-	-	-	-	-	-	-	-
Sukhothai	-	-	-	-	-	-	-	185
Uttaradit	-	-	-	-	-	-	-	-
Chiang Mai	-	-	-	-	-	-	-	-
Chiang Rai	3,403	3,927	6,081	12,043	8,192	12,175	13,638	13,297
Mae Hong Son	-	-	-	-	-	-	-	-
Lamphun	-	-	-	-	-	-	-	-
Phayao	-	-	-	-	634	637	587	979

Table 4.22 Area harvested of cassava (ha) by province, 1982 - 1989 (Continued)

(ha)

Province	1982	1983	1984	1985	1986	1987	1988	1989
CENTRAL PLAIN REGION								
Lop Buri	2,155	1,593	3,429	4,120	3,195	4,407	10,573	13,393
Saraburi	2,051	3,000	5,233	7,388	2,409	4,557	6,158	6,769
Chai Nat	8,559	8,455	6,577	10,668	9,145	8,971	8,798	10,680
Nakhon Nayok	506	788	738	615	552	986	1,062	751
Nakhon Pathom	-	-	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	-	-	-	-	-
Sing Buri	-	-	-	-	-	-	-	-
Suphan Buri	14,843	12,905	17,038	15,827	14,828	10,491	8,432	9,876
Ang Thong	-	-	-	-	-	-	-	-
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	18,353	17,535	14,448	17,876	15,995	33,849	37,796	33,269
Prachuap Khiri Khan	12,703	12,695	15,203	12,442	8,282	12,470	10,000	11,337
Phetchaburi	4,127	4,549	3,045	3,086	3,286	4,203	3,859	4,968
Ratchaburi	11,287	8,157	10,726	26,435	17,319	21,776	25,352	26,641
Chachoengsao	78,604	49,441	71,939	87,328	59,942	70,349	70,011	57,624
Prachin Buri	37,947	32,272	50,617	55,311	39,881	53,146	59,290	70,799
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	74,105	71,939	108,586	93,204	86,152	89,209	99,224	73,978
Rayong	72,405	99,779	139,966	117,876	113,004	113,281	119,785	96,596
Chanthaburi	15,413	25,996	36,660	38,833	22,216	26,043	37,422	32,384
Trat	3,975	5,452	7,291	12,141	8,656	9,085	10,042	11,594
SOUTHERN REGION								
Chumpon	-	-	-	-	-	-	-	-
Nakhon Si Thammarat	-	-	-	-	-	-	-	-
Phatthalung	-	-	-	-	-	-	-	-
Songkhla	-	-	-	-	-	-	-	-
Surat Thani	-	-	-	-	-	-	-	-
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	-	-	-	-	-
Narathiwat	-	-	-	-	-	-	-	-
Pattani	-	-	-	-	-	-	-	-
Yala	-	-	-	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.23 Production of cassava (mt) by province, 1982 - 1989

Province	1982	1983	1984	1985	1986	1987	1988	1989
NORTH-EASTERN REGION								
Nakhon Phanom	210,794	222,361	203,579	291,840	156,143	181,702	186,976	216,288
Sakon Nakhon	218,248	230,224	256,054	272,423	237,370	298,680	332,082	340,735
Nong Khai	681,251	718,635	811,636	956,323	764,862	845,927	958,892	1,094,703
Udon Thani	472,215	498,128	678,286	742,196	588,342	831,037	1,088,463	1,294,977
Loei	95,681	100,931	197,923	237,394	227,180	216,185	304,412	150,602
Mukdahan	-	-	25,128	36,142	41,209	80,911	173,014	237,594
Yasothon	95,390	100,625	84,890	80,805	57,806	81,771	97,853	130,064
Ubon Ratchathani	112,305	118,468	130,893	289,004	192,698	287,533	311,181	296,525
Kalasin	634,848	669,685	761,641	636,551	505,531	702,856	1,044,105	1,150,051
Khon Kaen	971,973	1,025,310	739,565	867,006	753,042	912,926	960,144	1,108,519
Maha Sarakham	524,424	553,202	386,833	377,177	296,880	370,691	427,999	734,791
Roi Et	351,917	371,228	440,310	552,440	514,032	535,660	583,196	433,767
Buri Ram	267,941	507,166	692,297	646,307	572,906	692,190	779,495	693,414
Si Sa Ket	117,404	123,847	70,188	174,638	111,576	157,446	162,179	148,317
Surin	102,382	108,000	78,259	82,105	70,818	100,856	109,602	144,118
Chaiyaphum	570,223	601,514	719,759	883,222	737,173	952,032	1,125,316	1,366,316
Nakhon Ratchasima	4,773,063	5,034,984	4,802,506	3,837,392	2,954,656	3,926,631	4,204,709	5,097,926
NORTHERN REGION								
Nakhon Sawan	144,149	152,059	179,215	210,883	114,259	189,954	232,545	230,750
Phetchabun	-	-	-	5,618	4,759	7,620	10,373	38,864
Uthai Thani	195,017	205,719	265,729	180,166	164,395	200,536	265,369	285,722
Kamphaeng Phet	131,881	139,118	179,512	290,290	374,581	516,171	567,041	819,976
Tak	-	-	-	-	-	-	3,681	5,918
Phichit	-	-	-	-	-	13,064	20,774	43,042
Phitsanulok	181,748	191,721	269,433	205,672	174,937	320,147	336,369	579,424
Nan	-	-	-	-	-	-	-	-
Phrae	-	-	-	-	-	-	-	-
Lampang	-	-	-	-	-	-	-	-
Sukhothai	-	-	-	-	-	-	-	-2,665
Uttaradit	-	-	-	-	-	-	-	-
Chiang Mai	-	-	-	-	-	-	-	-
Chiang Rai	53,655	56,599	92,106	179,810	123,282	179,502	207,978	193,226
Mae Hong Son	-	-	-	-	-	-	-	-
Lamphun	-	-	-	-	-	-	-	-
Phayao	-	-	-	-	11,436	10,925	9,616	14,584

Table 4.23 Production of cassava (mt) by province, 1982 - 1989 (Continued)

(mt)

Province	1982	1983	1984	1985	1986	1987	1988	1989
CENTRAL PLAIN REGION								
Lop Buri	26,940	28,418	63,627	49,949	49,752	69,403	163,881	216,469
Saraburi	76,226	80,409	95,720	97,473	32,888	66,157	87,245	95,703
Chai Nat	132,552	139,826	98,219	177,094	124,036	135,741	133,956	148,646
Nakhon Nayok	11,579	12,214	12,570	8,410	7,803	13,742	14,241	10,867
Nakhon Pathom	-	-	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	-	-	-	-	-
Sing Buri	-	-	-	-	-	-	-	-
Suphan Buri	200,001	210,976	261,832	243,011	182,369	151,280	128,686	153,204
Ang Thong	-	-	-	-	-	-	-	-
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	304,039	320,723	207,637	262,782	202,437	517,471	587,024	539,368
Prachuap Khiri Khan	220,213	232,297	245,894	190,680	137,911	186,324	155,977	200,591
Phetchaburi	50,472	53,242	52,367	41,756	46,620	58,956	51,271	74,651
Ratchaburi	173,535	183,058	180,336	398,673	228,874	325,576	402,302	430,585
Chachoengsao	1,054,765	1,112,645	1,343,410	1,201,852	860,522	1,084,678	1,105,829	871,205
Prachin Buri	733,559	773,813	804,576	795,094	524,394	793,266	919,742	1,135,885
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	1,578,228	1,664,833	1,528,530	1,287,967	1,156,556	1,316,390	1,495,182	1,242,824
Rayong	1,865,755	1,968,138	2,352,574	1,755,620	1,556,327	1,705,591	1,831,208	1,576,329
Chanthaburi	375,880	396,506	537,833	538,772	296,152	387,590	580,035	528,666
Trat	77,640	81,900	134,460	177,102	98,336	129,013	147,056	186,155
SOUTHERN REGION								
Chumpon	-	-	-	-	-	-	-	-
Nakhon Si Thammarat	-	-	-	-	-	-	-	-
Phatthalung	-	-	-	-	-	-	-	-
Songkhla	-	-	-	-	-	-	-	-
Surat Thani	-	-	-	-	-	-	-	-
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	-	-	-	-	-
Narathiwat	-	-	-	-	-	-	-	-
Pattani	-	-	-	-	-	-	-	-
Yala	-	-	-	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

Table 4.24 Yield of cassava (kg/ha) by province, 1982 - 1989

Province	1982	1983	1984	1985	1986	1987	1988	1989
NORTH-EASTERN REGION								
Nakhon Phanom	17,694	15,563	12,044	13,894	11,644	11,363	12,231	13,475
Sakon Nakhon	18,494	14,938	14,219	14,006	11,256	12,988	13,856	14,425
Nong Khai	12,575	16,981	12,694	12,769	12,431	13,688	14,269	14,619
Udon Thani	12,663	20,638	14,225	14,113	11,750	14,269	14,806	14,900
Loei	29,544	14,244	16,513	14,438	17,006	15,394	15,838	14,988
Mukdahan	-	-	11,188	12,813	13,175	12,738	13,681	14,525
Yasothon	16,456	17,200	14,025	13,006	10,788	13,856	14,600	14,294
Ubon Ratchathani	19,375	12,225	11,656	13,631	11,475	15,231	15,250	15,219
Kalasin	12,163	18,263	17,600	12,950	11,425	13,894	14,056	14,425
Khon Kaen	13,781	16,581	10,963	13,288	12,263	12,394	13,363	14,463
Maha Sarakham	16,625	20,044	11,894	12,425	10,650	11,144	12,325	14,450
Roi Et	18,469	18,331	11,063	13,756	12,550	12,338	13,131	12,794
Buri Ram	16,438	12,750	13,213	13,119	12,506	13,950	14,413	14,238
Si Sa Ket	18,256	24,069	13,256	13,363	12,725	15,250	15,494	15,006
Surin	12,894	16,406	14,994	11,869	12,706	12,775	13,381	14,506
Chaiyaphum	13,463	14,344	12,256	13,306	11,156	13,750	14,088	15,244
Nakhon Ratchasima	15,256	19,375	15,825	14,350	11,981	14,681	13,419	15,319
NORTHERN REGION								
Nakhon Sawan	17,256	20,331	21,731	15,588	14,263	16,888	16,450	16,831
Phetchabun	-	-	-	14,006	11,388	16,625	15,381	15,975
Uthai Thani	16,994	15,994	17,388	15,550	14,250	15,050	16,581	13,919
Kamphaeng Phet	18,394	13,500	14,494	15,188	14,406	13,763	14,463	15,675
Tak	-	-	-	-	-	-	15,738	13,963
Phichit	-	-	-	-	-	17,594	15,694	12,963
Phitsanulok	17,256	18,688	17,500	14,694	13,581	14,494	14,663	15,750
Nan	-	-	-	-	-	-	-	-
Phrae	-	-	-	-	-	-	-	-
Lampang	-	-	-	-	-	-	-	-
Sukhothai	-	-	-	-	-	-	-	-
Uttaradit	-	-	-	-	-	-	-	-
Chiang Mai	-	-	-	-	-	-	-	-
Chiang Rai	15,763	14,413	15,144	14,931	15,050	14,744	15,250	14,531
Mae Hong Son	-	-	-	-	-	-	-	-
Lamphun	-	-	-	-	-	-	-	-
Phayao	-	-	-	-	18,031	17,144	16,394	14,894

Table 4.24 Yield of cassava (kg/ha) by province, 1982 - 1989 (Continued)

(kg/ha)

Province	1982	1983	1984	1985	1986	1987	1988	1989
CENTRAL PLAIN REGION								
Lop Buri	12,500	17,838	18,556	12,125	15,569	15,750	15,500	16,163
Saraburi	37,156	26,806	18,294	13,194	13,650	14,519	14,169	14,138
Chai Nat	15,488	16,538	14,938	16,600	13,563	15,131	15,225	13,919
Nakhon Nayok	22,894	15,513	17,031	13,688	14,144	13,938	13,406	14,475
Nakhon Pathom	-	-	-	-	-	-	-	-
Nonthaburi	-	-	-	-	-	-	-	-
Pathum Thani	-	-	-	-	-	-	-	-
Ayutthaya	-	-	-	-	-	-	-	-
Sing Buri	-	-	-	-	-	-	-	-
Suphan Buri	13,475	16,350	15,369	15,356	12,300	14,419	15,263	15,513
Ang Thong	-	-	-	-	-	-	-	-
Bangkok Metropolis	-	-	-	-	-	-	-	-
Kanchanaburi	16,569	18,288	14,369	14,700	12,656	15,288	15,531	16,213
Prachuap Khiri Khan	17,338	18,300	16,175	15,325	16,650	14,944	15,581	17,694
Phetchaburi	12,231	11,706	17,200	13,531	14,188	14,025	13,288	15,025
Ratchaburi	15,375	22,444	16,813	15,081	13,213	14,950	15,869	16,163
Chachoengsao	13,419	22,506	18,675	13,763	14,356	15,419	15,794	15,119
Prachin Buri	19,331	23,975	15,894	14,375	13,150	14,925	15,513	16,044
Samut Prakan	-	-	-	-	-	-	-	-
Samut Sakhon	-	-	-	-	-	-	-	-
Samut Songkhram	-	-	-	-	-	-	-	-
Chon Buri	21,300	23,144	14,075	13,819	13,425	14,756	15,069	16,800
Rayong	25,769	19,725	16,806	14,894	13,775	15,056	15,288	16,319
Chanthaburi	24,388	15,250	14,669	13,875	13,331	14,881	15,500	16,325
Trat	19,531	15,025	18,444	14,588	11,363	14,200	14,644	16,056
SOUTHERN REGION								
Chumpon	-	-	-	-	-	-	-	-
Nakhon Si Thammarat	-	-	-	-	-	-	-	-
Phatthalung	-	-	-	-	-	-	-	-
Songkhla	-	-	-	-	-	-	-	-
Surat Thani	-	-	-	-	-	-	-	-
Krabi	-	-	-	-	-	-	-	-
Trang	-	-	-	-	-	-	-	-
Phangnga	-	-	-	-	-	-	-	-
Phuket	-	-	-	-	-	-	-	-
Ranong	-	-	-	-	-	-	-	-
Satun	-	-	-	-	-	-	-	-
Narathiwat	-	-	-	-	-	-	-	-
Pattani	-	-	-	-	-	-	-	-
Yala	-	-	-	-	-	-	-	-

Source: OAE, Office of Agricultural Economics

5. Production Cost

(PRODUCTION COST - MAIZE)

Table 5.1 Production cost of maize (baht/ha), 1976-1987.

YEAR	Seed cost	Fertilizer cost	Pesticide cost	Human labour cost	Total prod. cost
1976	91.4	1.9	6.5	927.7	2,863.5
1977	74.1	13.3	5.3	921.8	2,484.6
1978	84.6	23.6	9.1	1,186.8	3,020.4
1979	95.9	20.3	6.1	1,323.9	3,276.7
1980	113.7	18.4	10.7	1,433.4	3,657.4
1981	-	-	-	-	-
1982	-	-	-	-	-
1983	148.8	21.6	11.8	1,532.4	4,010.9
1984	153.9	38.8	12.8	1,592.8	4,246.9
1985	156.4	45.4	14.3	1,637.8	4,276.8
1986	163.4	46.8	14.4	1,565.9	4,186.4
1987	179.5	42.9	17.6	1,581.9	4,253.5

Source: OAE, Office of Agricultural Economics

(PRODUCTION COST - SORGHUM)

Table 5.2 Production cost of sorghum (baht/ha), 1976-1987.

YEAR	Seed cost	Fertilizer cost	Pesticide cost	Human labour cost	Total prod. cost
1976	67.6	-	2.5	443.1	1,757.0
1977	45.9	-	4.9	473.8	1,559.1
1978	66.6	-	4.9	505.0	1,712.6
1979	74.5	-	5.9	552.1	1,895.5
1980	80.6	-	8.1	450.8	1,944.1
1981	-	-	-	-	-
1982	-	-	-	-	-
1983	118.8	-	10.9	621.1	2,340.7
1984	129.2	20.1	16.4	706.6	2,537.7
1985	132.9	15.0	15.7	676.9	2,365.3
1986	142.3	16.1	15.8	591.5	2,255.8
1987	154.3	12.6	40.4	620.4	2,302.0

Source: OAE, Office of Agricultural Economics

(PRODUCTION COST - SOYBEAN)

Table 5.3 Production cost of soybean (baht/ha), 1976-1987.

YEAR	Seed cost	Fertilizer cost	Pesticide cost	Human labour cost	Total prod. cost
1976	502.8	6.5	95.3	1,957.9	4,076.8
1977	401.2	78.5	124.8	1,238.8	3,067.4
1978	420.8	174.8	4.6	1,659.4	3,512.6
1979	399.9	37.7	97.8	1,736.6	4,222.7
1980	517.5	116.8	101.7	2,413.4	5,272.8
1981	-	-	-	-	-
1982	626.0	123.2	169.4	2,618.2	5,820.0
1983	631.8	106.3	119.1	2,981.3	6,106.6
1984	743.9	81.3	131.6	2,612.3	5,957.1
1985	759.4	61.4	117.0	2,318.8	5,806.6
1986	822.1	93.7	13.4	2,386.4	5,854.3
1987	986.8	102.5	253.1	2,104.1	6,055.1

Source: OAE, Office of Agricultural Economics

(PRODUCTION COST - GROUNDNUT)

Table 5.4 Production cost of groundnut (baht/ha), 1976-1987.

YEAR	Seed cost	Fertilizer cost	Pesticide cost	Human labour cost	Total prod. cost
1976	1,493.1	9.4	23.4	3,452.8	6,646.0
1977	789.5	112.0	51.8	2,849.9	5,052.3
1978	853.6	27.3	23.8	3,384.9	5,691.5
1979	1,053.1	74.8	79.7	3,572.4	6,754.1
1980	1,375.2	116.7	196.0	3,948.3	7,748.4
1981	-	-	-	-	-
1982	1,077.3	82.8	46.0	4,061.8	7,447.6
1983	1,257.1	83.5	61.2	3,755.2	7,352.5
1984	1,201.9	124.1	70.4	3,033.4	7,480.9
1985	1,187.1	114.9	67.1	3,858.5	7,388.8
1986	1,101.7	105.8	95.0	3,549.1	6,934.0
1987	1,177.3	78.7	102.8	3,377.6	6,538.5

Source: OAE, Office of Agricultural Economics

(PRODUCTION COST - MUNGBEAN)

Table 5.5 Production cost of mungbean (baht/ha), 1976-1987.

YEAR	Seed cost	Fertilizer cost	Pesticide cost	Human labour cost	Total prod. cost
1976	353.8	1.1	113.0	819.3	2,323.3
1977	472.9	16.2	82.0	553.6	2,134.8
1978	516.4	28.1	50.3	1,158.9	2,640.0
1979	383.6	25.0	106.6	3,984.8	3,119.9
1980	599.6	43.8	125.3	1,244.1	3,605.9
1981	-	-	-	-	-
1982	488.5	32.8	137.7	1,202.9	3,488.6
1983	461.8	31.7	99.9	1,188.6	3,676.3
1984	408.1	24.8	88.8	1,331.3	3,514.2
1985	409.9	26.3	86.3	1,235.3	3,379.5
1986	-	-	-	-	-
1987	401.1	21.4	109.4	1,066.2	3,508.9

Source: OAE, Office of Agricultural Economics

(PRODUCTION COST - CASSAVA)

Table 5.6 Production cost of cassava (baht/ha), 1976-1988.

YEAR	Seed cost	Fertilizer cost	Pesticide cost	Human labour cost	Total prod. cost
1976	168.5	32.4	3.8	1,859.5	4,091.2
1977	156.3	18.8	1.6	1,933.9	3,811.7
1978	281.0	28.1	12.0	2,084.7	4,210.7
1979	356.3	85.2	22.4	1,954.9	4,444.5
1980	387.4	37.8	41.5	2,750.3	5,870.9
1981	378.7	52.2	56.4	2,941.4	6,041.0
1982	399.6	87.9	55.7	3,058.9	6,417.0
1983	361.3	136.2	43.1	2,948.8	6,165.5
1984	379.8	102.2	62.9	3,061.5	6,512.3
1985	351.2	65.6	28.6	2,714.9	5,549.9
1986	339.9	54.6	23.4	2,577.0	5,354.4
1987	342.1	-	22.7	2,720.7	5,694.5
1988	346.4	62.4	24.2	2,758.0	5,746.5

Source: OAE, Office of Agricultural Economics

6. Commodity Prices

(FARM-GATE PRICE - MAIZE)

Table 6.1 Farm-gate price of maize-moisture content not over 14% (baht/kg), 1978 - 1988.

TIME SERIES	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	1.77	1.90	2.17	2.87	2.17	2.28	2.76	2.42	1.87	1.73	2.84
February	1.67	1.79	2.29	2.74	2.20	2.35	2.64	2.43	1.89	1.72	3.05
March	1.84	1.93	2.28	2.84	2.30	2.43	2.66	2.60	1.92	1.67	2.97
April	1.93	2.08	2.38	2.77	2.39	2.18	2.75	2.90	1.93	1.61	2.70
May	1.82	1.88	2.25	2.19	2.90	2.30	-	3.02	1.92	1.85	2.75
June	1.94	2.28	2.78	2.43	2.95	1.98	2.61	3.21	1.80	-	2.30
July	1.84	1.99	2.51	2.43	1.99	2.50	2.44	2.62	1.81	1.81	2.71
August	1.56	1.96	2.33	2.35	1.90	2.43	2.43	2.00	1.64	1.94	2.53
September	1.41	1.85	2.30	2.21	2.01	2.30	2.27	1.56	1.47	2.29	2.49
October	1.52	2.02	2.44	2.07	1.96	2.45	2.25	1.71	1.44	2.46	2.53
November	1.68	2.07	2.60	2.00	1.95	2.55	2.31	1.89	1.58	2.49	2.61
December	1.67	2.27	2.51	1.92	2.12	2.69	2.45	1.87	1.74	2.62	2.65

Source: OAE, Office of Agricultural Economics

(FARM-GATE PRICE - SORGHUM)

Table 6.2 Farm-gate price of sorghum (baht/kg), 1978 - 1988.

TIME SERIES	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	1.35	1.62	2.15	3.08	3.06	2.57	2.89	2.27	1.87	1.73	2.35
February	1.59	1.79	2.50	3.38	2.22	2.98	2.71	2.17	1.87	1.72	2.55
March	1.52	1.75	1.89	3.13	2.35	2.41	2.70	2.37	1.84	1.72	2.38
April	1.82	1.97	2.15	3.04	2.87	2.80	-	2.25	1.76	1.78	-
May	1.55	1.83	2.08	2.61	-	2.22	-	-	-	-	-
June	1.61	1.87	2.40	2.65	-	1.63	-	-	-	-	-
July	1.58	1.82	2.20	3.01	-	-	-	2.10	-	-	2.23
August	1.73	2.08	2.13	2.54	1.66	-	2.22	1.94	1.20	-	2.15
September	1.27	1.75	2.19	2.39	2.08	2.28	2.37	1.57	1.21	-	2.04
October	1.25	2.07	2.11	2.09	1.98	2.06	2.31	1.32	1.28	1.73	-
November	1.62	2.19	2.34	1.76	2.00	2.33	2.29	1.45	1.35	1.68	1.80
December	1.50	2.40	2.31	1.76	2.33	2.32	2.38	1.67	1.43	2.02	2.23

Source: OAE, Office of Agricultural Economics

(FARM-GATE PRICE - SOYBEAN)

Table 6.3 Farm-gate price of soybean-mixed grade (baht/kg), 1979 - 1988.

TIME SERIES	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	4.00	4.69	6.16	4.55	5.40	6.53	5.98	6.66	6.86	8.90
February	4.33	4.33	5.50	-	4.94	5.94	6.08	7.02	6.46	8.83
March	4.01	5.85	6.25	4.60	5.72	-	6.03	6.63	6.40	8.17
April	4.78	4.38	6.44	5.43	5.66	6.21	6.23	6.16	6.67	8.55
May	5.34	5.85	5.00	4.50	5.50	6.97	6.10	6.30	7.26	8.31
June	3.50	-	5.00	-	5.58	-	6.06	5.96	7.36	7.84
July	4.06	6.62	4.75	-	4.88	-	5.31	5.73	6.76	8.25
August	3.83	5.42	3.75	5.00	-	5.13	5.69	5.76	7.14	8.24
September	3.79	5.87	5.25	4.75	5.60	5.35	5.53	5.53	6.55	8.08
October	4.56	6.00	5.40	4.55	5.43	5.73	5.66	6.13	7.41	9.19
November	5.30	7.00	6.56	4.75	6.47	6.25	6.34	6.45	8.94	9.03
December	5.02	5.40	5.68	4.00	5.75	6.27	6.51	6.63	8.79	9.23

Source: OAE, Office of Agricultural Economics

(FARM-GATE PRICE - SOYBEAN)

Table 6.4 Farm-gate price of soybean-second grade (baht/kg), 1979 - 1988.

TIME SERIES	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	4.84	4.97	6.51	4.50	5.66	6.96	6.05	6.48	5.25	9.41
February	4.50	4.00	6.00	6.86	5.63	6.21	6.28	6.34	-	9.61
March	4.41	5.95	6.00	5.94	6.20	6.00	5.90	6.44	-	9.19
April	4.84	4.34	6.59	5.50	6.10	6.57	6.45	6.20	6.79	8.05
May	5.38	5.87	5.67	5.22	5.92	7.10	6.44	6.34	6.91	8.25
June	4.02	-	6.00	6.28	6.15	-	6.10	6.00	7.00	8.71
July	5.00	6.57	5.00	6.28	5.88	-	6.87	6.00	7.32	8.55
August	5.52	6.10	5.00	5.62	-	6.75	6.00	6.00	8.15	8.62
September	4.10	-	7.01	5.16	6.05	6.25	5.83	5.48	7.80	8.38
October	4.94	-	5.99	5.79	5.69	5.63	4.72	-	7.76	-
November	5.43	-	6.77	5.25	5.84	4.97	6.84	6.51	8.87	9.33
December	4.45	5.05	6.20	5.55	6.59	5.95	6.69	5.89	9.76	9.38

Source: OAE, Office of Agricultural Economics

(FARM-GATE PRICE - GROUNDNUT)

Table 6.5 Farm-gate price of groundnut-dried, shelled, mixed grade (baht/kg), 1979 - 1988.

TIME SERIES	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	5.16	6.74	7.94	6.29	7.36	8.67	5.69	7.00	4.82	6.67
February	6.74	5.82	8.62	7.04	7.85	-	5.60	7.02	4.58	7.36
March	7.94	8.62	8.12	6.25	9.11	-	6.12	6.44	4.94	7.24
April	6.29	7.04	6.25	8.50	8.58	5.87	6.81	7.39	5.50	8.95
May	7.36	7.85	9.11	8.58	7.95	5.09	2.66	7.38	5.59	8.61
June	8.67	-	-	5.87	5.09	4.68	5.58	6.23	5.10	7.59
July	5.69	5.60	6.12	6.81	2.66	5.58	7.47	5.95	4.93	6.28
August	7.00	7.02	6.44	7.39	7.38	6.23	5.95	5.67	5.71	6.67
September	4.82	4.58	4.94	5.50	5.59	5.10	4.93	5.71	5.64	6.74
October	6.67	7.36	7.24	8.95	8.61	7.59	6.28	6.67	6.74	7.36
November	7.43	-	-	-	-	-	-	-	-	-
December	5.74	7.77	5.69	6.05	8.10	4.56	7.08	4.92	6.34	7.86

Source: OAE, Office of Agricultural Economics

(FARM-GATE PRICE - MUNGBEAN)

Table 6.6 Farm-gate price of mungbean-first grade (baht/kg), 1978 - 1988.

TIME SERIES	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	6.42	5.19	6.23	7.98	8.12	8.57	8.46	6.93	7.78	5.08	-
February	6.52	5.14	6.38	7.82	7.61	8.87	7.57	6.20	7.50	4.90	8.61
March	6.88	5.66	6.65	8.32	7.92	10.15	7.00	7.45	7.50	4.90	-
April	5.91	5.83	6.53	8.90	9.42	8.81	-	7.34	8.40	-	11.10
May	5.55	5.98	6.60	8.54	8.70	7.98	10.00	7.45	7.38	5.90	-
June	6.01	6.23	5.53	8.49	8.50	8.74	-	7.14	6.48	-	-
July	5.24	5.87	7.45	8.60	8.53	7.68	-	7.85	6.32	-	10.40
August	5.52	5.27	6.99	9.50	8.46	7.10	-	8.34	6.50	-	10.40
September	6.04	5.47	9.01	9.49	8.91	8.54	-	8.40	6.80	8.90	-
October	6.08	6.90	7.98	9.02	7.68	7.36	6.22	8.00	6.88	7.90	9.41
November	5.92	5.57	7.36	8.35	6.86	8.64	7.20	7.93	6.13	7.03	9.00
December	6.75	5.91	6.89	8.13	7.41	8.09	7.34	7.80	5.77	8.17	9.04

Source: OAE, Office of Agricultural Economics

(FARM-GATE PRICE - CASSAVA)

Table 6.7 Farm-gate price of cassava root (baht/kg), 1979 - 1988.

TIME SERIES	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	0.47	0.80	0.67	0.49	0.74	0.67	0.44	0.77	0.95	0.65
February	0.57	0.73	0.62	0.50	0.78	0.62	0.35	0.81	1.04	0.57
March	0.81	0.76	0.55	0.49	0.82	0.70	0.33	0.84	0.93	0.58
April	0.84	0.79	0.44	0.55	0.79	0.75	0.38	0.87	0.76	0.63
May	0.81	0.78	0.41	0.51	0.82	0.65	0.37	0.81	0.67	0.58
June	0.78	0.77	0.36	0.59	0.79	0.53	0.40	0.84	0.68	0.56
July	0.74	0.68	0.36	0.55	0.72	0.34	0.48	0.90	0.71	0.53
August	0.82	0.82	0.42	0.49	0.70	0.37	0.47	0.91	0.70	0.51
September	0.95	0.73	0.40	0.54	0.70	0.33	0.49	0.97	0.64	0.51
October	0.85	0.74	0.40	0.52	0.66	0.36	0.55	0.85	0.64	0.52
November	0.83	0.68	0.42	0.58	0.71	0.43	0.69	0.90	0.62	0.57
December	0.74	0.74	0.39	0.64	0.71	0.49	0.72	0.90	0.72	-

Source: OAE, Office of Agricultural Economics

(WHOLESALE PRICE - MAIZE)

Table 6.8 Wholesale price of maize in Bangkok (baht/kg), 1978 - 1988.

TIME SERIES	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	2.10	2.38	2.69	3.43	2.65	2.89	3.16	2.90	2.31	2.13	3.74
February	2.14	2.44	2.78	3.38	2.74	2.95	3.10	2.95	2.34	2.14	3.65
March	2.28	2.48	2.93	3.19	2.83	3.14	3.19	3.21	2.46	2.23	3.43
April	2.44	2.72	2.90	3.00	3.18	3.39	3.23	3.48	2.47	2.35	3.35
May	2.32	2.90	3.03	2.85	3.37	3.32	3.14	3.80	2.40	2.42	3.14
June	2.21	3.10	3.00	2.93	3.38	3.10	3.20	3.53	2.19	2.36	3.25
July	2.14	2.92	2.90	2.98	3.00	3.04	3.33	3.06	2.20	2.24	3.32
August	1.98	2.48	3.00	2.85	2.54	3.18	3.05	2.41	2.06	2.38	2.97
September	1.82	2.40	3.15	2.68	2.49	3.03	2.76	2.07	1.87	2.80	2.89
October	1.98	2.58	3.15	2.57	2.42	2.99	2.76	2.10	1.83	2.88	2.90
November	2.16	2.56	3.38	2.43	2.47	3.11	2.76	2.30	1.99	2.98	2.96
December	2.23	2.61	3.44	2.47	2.73	3.25	2.92	-	2.16	3.05	3.00

Source: ITD, Internal Trade Department

(WHOLESALE PRICE - SORGHUM)

Table 6.9 Wholesale price of sorghum in Bangkok (baht/kg), 1978 - 1988.

TIME SERIES	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	2.02	2.16	2.56	3.24	2.55	2.83	3.14	2.94	2.19	1.84	2.59
February	1.96	2.14	2.56	3.45	2.49	2.82	3.06	2.95	2.25	1.84	2.93
March	2.02	2.11	2.59	3.46	2.60	2.85	2.98	2.95	2.21	1.84	2.75
April	2.11	2.31	2.60	3.46	2.75	2.90	3.02	2.95	2.20	1.94	2.69
May	2.10	2.45	2.58	-	2.85	2.93	3.07	3.15	2.22	1.93	2.63
June	2.06	2.68	2.58	-	2.88	2.93	3.18	3.20	2.10	1.97	2.83
July	2.00	2.52	2.58	-	2.88	2.93	3.35	3.08	2.02	1.98	2.89
August	1.81	2.25	2.61	-	2.85	2.93	3.35	2.92	1.96	2.03	2.73
September	1.58	2.35	2.61	-	2.80	2.93	3.18	2.81	1.86	2.32	2.69
October	1.66	2.60	2.65	-	2.80	2.73	2.85	2.22	1.84	2.48	2.81
November	1.86	2.76	2.77	-	2.85	2.72	2.85	2.08	1.84	2.48	2.65
December	2.08	2.62	2.89	-	2.88	3.06	2.85	2.14	1.84	2.45	2.64

Source: ITD, Internal Trade Department

(WHOLESALE PRICE - SOYBEAN)

Table 6.10 Wholesale price of soybean-second grade in Bangkok (baht/kg), 1979 - 1988.

TIME SERIES	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	5.71	6.34	7.55	7.05	6.63	7.40	6.87	7.37	7.30	9.95
February	5.80	6.73	7.40	7.13	6.67	7.45	6.90	7.60	7.30	10.00
March	5.99	7.21	7.28	7.08	6.53	7.35	6.85	7.43	7.10	9.19
April	6.04	7.00	7.08	7.11	6.50	7.24	6.85	7.00	7.38	9.03
May	5.94	6.48	6.95	7.06	6.85	7.55	6.85	7.20	7.25	9.50
June	6.09	6.43	6.98	6.96	6.95	7.55	7.00	7.20	8.04	9.48
July	6.23	6.45	7.10	6.83	7.00	7.30	7.15	7.13	7.45	9.40
August	6.25	6.85	7.20	6.63	7.59	6.80	6.83	6.75	7.90	9.26
September	6.33	6.85	7.20	6.48	7.25	6.55	6.45	6.43	7.95	9.03
October	6.13	7.15	7.23	6.31	7.40	6.38	6.50	6.85	8.65	10.15
November	6.10	7.53	6.81	6.31	7.24	6.86	7.07	7.15	9.95	9.86
December	6.31	7.55	7.76	6.50	7.40	6.90	7.11	7.33	10.15	9.86

Source: ITD, Internal Trade Department

(WHOLESALE PRICE - SOYBEAN)

Table 6.11 Wholesale price of crude soybean oil in Bangkok (baht/kg), 1983 - 1988.

TIME SERIES	1983	1984	1985	1986	1987	1988
January	15.01	21.63	18.50	18.00	18.75	24.25
February	14.99	22.50	18.50	18.00	18.75	24.25
March	15.01	20.90	18.50	18.00	18.25	24.25
April	15.00	20.72	18.50	18.00	17.75	24.25
May	15.07	21.25	18.50	18.00	17.75	20.64
June	15.04	21.35	18.50	18.00	17.75	19.00
July	15.05	21.75	18.50	18.00	17.75	19.00
August	15.07	21.20	18.50	18.00	17.75	19.00
September	15.97	21.25	18.50	18.00	19.75	19.25
October	18.26	21.25	18.50	18.40	21.75	21.50
November	20.44	21.25	18.50	18.40	22.25	21.50
December	20.63	-	18.50	18.65	23.75	21.50

Source: ITD, Internal Trade Department

(WHOLESALE PRICE - SOYBEAN)

Table 6.12 Wholesale price of soybean oil in Bangkok (baht/kg), 1983 - 1988.

TIME SERIES	1984	1985	1986	1987	1988
January	-	26.37	23.82	22.29	26.15
February	-	26.37	23.82	21.55	26.15
March	-	25.54	23.82	22.55	26.15
April	-	24.86	23.82	22.55	26.15
May	-	23.91	22.73	22.55	26.15
June	-	23.91	22.73	22.55	26.15
July	-	23.91	22.70	22.55	26.15
August	25.73	23.91	22.70	22.55	27.09
September	25.73	23.91	22.73	23.45	27.09
October	25.25	23.91	21.64	25.44	27.09
November	25.25	23.87	21.64	26.15	27.09
December	26.37	23.82	21.64	26.15	27.09

Source: ITD, Internal Trade Department

(WHOLESALE PRICE - SOYBEAN)

Table 6.13 Wholesale price of domestic soybean meal in Bangkok (baht/kg), 1979 - 1988.

TIME SERIES	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	5.58	6.38	7.75	7.70	7.25	8.18	6.60	7.90	7.97	11.20
February	5.58	6.59	7.80	7.90	7.28	8.13	6.68	8.21	7.87	11.20
March	5.74	7.30	7.40	8.00	7.15	7.95	6.63	8.21	7.75	11.03
April	6.02	7.15	7.35	7.95	7.15	7.70	6.63	7.55	7.74	9.95
May	6.06	6.40	7.30	7.90	7.15	7.75	6.63	7.57	8.12	10.00
June	5.91	6.45	7.50	7.80	7.15	7.80	6.73	7.75	8.30	9.97
July	5.97	6.45	7.63	7.70	7.15	7.50	6.75	7.75	8.33	9.92
August	6.15	6.63	7.88	7.55	7.60	7.25	6.68	7.73	8.33	9.71
September	6.20	6.96	7.93	7.45	8.25	6.90	6.48	7.30	8.36	9.40
October	6.09	7.50	7.80	7.10	8.30	6.50	6.55	7.63	9.05	10.81
November	6.08	8.10	7.73	6.75	8.15	6.63	7.05	7.82	10.47	10.56
December	6.25	8.45	7.53	6.95	8.20	6.80	7.32	7.83	11.18	10.56

(WHOLESALE PRICE - SOYBEAN)

Table 6.14 Wholesale price of imported soybean meal in Bangkok (baht/kg), 1982 - 1988.

TIME SERIES	1982	1983	1984	1985	1986	1987	1988
January	7.66	6.78	7.30	6.35	6.93	7.05	8.76
February	7.07	6.86	6.67	6.03	6.97	6.75	8.65
March	7.42	7.65	6.99	6.05	6.87	6.60	8.55
April	7.59	7.11	6.95	5.80	6.27	6.68	8.29
May	7.51	6.57	6.74	5.95	6.57	6.95	8.15
June	7.19	7.22	6.75	6.20	6.39	6.82	8.15
July	6.50	6.22	6.45	6.34	6.28	6.75	8.72
August	7.02	7.21	6.31	5.85	6.46	6.79	8.90
September	6.81	7.05	6.07	5.73	6.35	7.16	8.70
October	6.52	7.56	5.90	5.63	6.80	7.54	13.35
November	6.25	6.60	6.15	6.43	7.14	8.33	12.88
December	6.84	7.95	6.35	6.42	7.10	8.76	12.88

Source: ITD, Internal Trade Department

(WHOLESALE PRICE - GROUNDNUT)

Table 5.15 Wholesale price of groundnut-first and second grade in Bangkok (baht/kg), 1979 - 1988.

TIME SERIES	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	10.75	16.25	19.50	13.00	18.50	17.75	14.00	16.00	12.00	16.00
February	10.50	19.00	19.75	13.75	18.50	15.25	13.50	15.00	11.75	17.75
March	10.50	20.50	19.75	13.00	18.50	13.00	15.00	14.50	11.75	20.00
April	11.18	22.50	20.25	13.50	18.50	12.50	15.00	16.00	12.50	21.00
May	11.18	23.00	18.25	14.75	18.50	11.75	16.00	16.50	12.50	20.50
June	10.75	22.50	15.25	14.50	18.50	11.50	17.50	14.00	12.00	17.50
July	12.25	22.00	14.25	13.25	18.50	11.50	19.50	12.50	12.00	18.75
August	12.50	20.75	13.50	13.50	20.50	11.50	18.50	13.50	13.00	19.50
September	12.50	18.25	12.75	14.25	19.50	11.00	16.50	13.50	14.75	16.00
October	12.75	16.00	11.00	14.25	18.50	10.00	17.50	12.50	13.50	16.25
November	14.00	18.25	12.00	15.00	19.50	10.50	17.00	11.50	13.25	19.50
December	14.25	19.25	12.50	16.50	18.75	13.75	16.50	11.50	14.75	10.65

Source: ITD, Internal Trade Department

(WHOLESALE PRICE - GROUNDNUT)

Table 6.16 Wholesale price of groundnut oil in Bangkok (baht/kg), 1979 - 1988.

TIME SERIES	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	18.61	21.11	20.28	18.75	18.47	27.09	26.25	20.84	20.73	23.82
February	18.61	21.39	20.28	18.47	18.47	28.75	25.70	20.84	20.73	26.39
March	18.61	21.39	20.00	18.19	18.47	28.47	25.14	20.84	20.73	26.98
April	18.61	21.39	19.72	18.19	18.75	28.34	25.14	20.84	20.73	26.98
May	18.61	21.39	19.17	18.19	19.03	27.78	25.14	20.84	20.73	26.98
June	18.61	21.25	18.61	18.19	19.03	27.36	25.14	20.84	20.73	26.98
July	18.89	20.69	18.89	19.19	19.17	27.09	24.31	20.84	20.73	27.65
August	19.17	20.28	18.75	18.19	19.72	26.39	22.20	20.84	20.73	28.48
September	19.17	20.28	18.61	18.06	21.94	25.70	19.73	20.84	20.73	28.48
October	19.17	20.28	18.47	18.33	23.61	25.70	20.56	20.84	21.79	29.73
November	19.72	20.28	18.75	18.47	24.45	25.98	20.84	19.62	21.79	-
December	20.56	20.28	18.61	18.47	25.42	26.25	20.84	19.62	22.72	-

Source: ITD, Internal Trade Department

(WHOLESALE PRICE - MUNGBEAN)

Table 6.17 Wholesale price of mungbean-first grade in Bangkok (baht/kg), 1978 - 1988.

TIME SERIES	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	6.58	6.84	7.88	10.21	10.44	9.72	9.31	8.28	9.19	5.81	8.66
February	6.08	6.46	8.71	10.63	10.88	9.67	9.33	8.15	9.24	0.00	4.42
March	5.67	6.96	9.38	11.00	10.67	9.81	9.16	8.15	9.56	5.35	9.14
April	5.67	7.71	8.67	10.67	10.67	9.94	8.63	8.22	9.07	6.25	10.90
May	6.33	7.67	8.79	10.59	10.50	10.95	8.12	8.84	8.03	5.50	10.00
June	6.21	7.75	9.00	10.68	11.00	11.17	8.09	9.24	8.42	5.39	11.08
July	5.75	7.09	9.17	11.09	10.67	10.42	7.80	9.00	7.79	5.59	12.83
August	5.50	7.33	10.50	12.42	10.50	9.45	8.39	10.07	8.07	7.60	13.30
September	5.83	7.54	11.92	12.25	11.05	10.81	8.58	10.66	8.27	5.38	13.56
October	6.50	7.54	11.00	11.08	10.38	10.61	8.81	10.42	8.07	6.89	10.45
November	7.50	7.42	9.67	9.46	9.09	9.93	8.72	9.67	7.29	7.11	10.17
December	7.25	7.25	10.00	9.55	9.67	9.82	8.20	9.22	6.98	7.79	9.95

Source: ITD, Internal Trade Department

(WHOLESALE PRICE - CASSAVA)

Table 6.18 Wholesale price of cassava-pellet in Bangkok (baht/kg), 1979 - 1988.

TIME SERIES	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	1.74	2.23	2.20	1.84	2.25	2.05	1.48	1.92	2.75	2.20
February	1.98	2.38	2.06	1.90	2.40	1.94	1.38	1.92	2.83	5.05
March	2.34	2.38	1.99	1.83	2.40	2.12	1.38	1.92	2.88	2.12
April	2.80	2.33	1.88	1.96	2.58	2.15	1.38	1.92	2.62	2.22
May	2.95	2.53	1.90	2.06	2.68	1.98	1.38	1.92	-	2.30
June	3.13	2.75	1.88	2.30	2.60	1.82	1.48	1.92	2.53	2.25
July	2.75	2.70	1.89	2.20	2.60	1.58	1.63	1.92	2.53	2.18
August	2.50	2.70	1.91	2.08	2.55	1.43	1.73	1.92	2.50	2.10
September	2.58	2.68	1.89	2.15	2.50	1.43	1.73	1.92	2.45	1.93
October	2.53	2.63	1.89	2.23	2.38	1.43	1.78	1.92	2.52	2.08
November	2.30	2.58	1.84	3.18	2.45	1.50	1.88	1.92	2.57	2.25
December	2.28	2.40	1.73	2.35	2.23	1.55	1.93	-	2.50	1.97

Source: ITD, Internal Trade Department

Table 6.19 Retail price of soybean in Bangkok (baht/kg), 1980 - 1989.

TIME SERIES	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
January	11.16	-	11.50	-	12.33	12.56	11.92	11.64	15.06	16.06
February	11.58	-	11.46	-	12.44	12.56	12.11	11.72	15.15	16.22
March	11.90	-	11.50	11.94	12.16	12.44	12.33	11.89	15.19	16.22
April	11.95	-	11.75	11.94	12.14	12.44	12.42	12.00	16.25	16.28
May	12.00	-	12.00	12.00	12.25	12.44	12.33	12.17	16.43	-
June	12.40	-	12.05	11.83	12.28	12.38	12.28	12.22	16.56	-
July	12.28	-	12.08	11.64	12.30	12.14	11.67	12.11	16.46	-
August	12.05	-	12.09	11.78	12.20	11.89	11.65	13.29	16.44	-
September	12.19	-	12.10	11.82	12.36	12.00	11.61	14.10	16.81	-
October	12.26	-	12.02	12.86	12.61	12.11	11.57	14.36	16.72	-
November	11.98	-	12.22	12.89	12.44	12.11	11.40	14.49	16.44	-
December	11.50	-	12.22	12.55	12.53	11.97	11.56	14.50	16.28	-

Source: DOBE, Department of Business Economics

Table 6.20 Retail price of groundnut in Bangkok (baht/kg), 1964 - 1989.

YEAR	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1964	4.93	4.94	4.95	5.23	5.39	5.34	5.21	5.23	5.33	5.40	5.32	5.27
1965	5.38	5.35	5.35	5.35	5.36	5.29	5.23	5.29	5.22	5.18	5.08	5.11
1966	5.12	5.22	5.26	5.37	5.43	5.31	5.19	5.23	5.15	5.24	5.20	5.16
1967	5.18	5.26	5.25	5.30	5.40	5.56	5.58	5.56	5.65	5.64	5.63	5.62
1968	5.76	5.94	6.02	6.23	6.30	6.20	5.80	5.60	5.51	5.37	5.17	5.42
1969	5.46	5.50	5.50	5.48	5.56	5.66	5.80	5.77	5.98	5.95	5.88	5.88
1970	5.91	5.94	5.85	5.94	6.05	6.04	5.96	5.88	5.85	5.87	5.92	5.80
1971	5.69	5.67	5.67	5.83	5.90	5.89	6.00	6.05	5.99	6.17	5.94	5.93
1972	6.16	6.44	7.92	8.31	8.46	7.43	7.79	8.07	7.90	7.86	8.02	7.83
1973	8.02	8.17	8.44	8.66	8.70	8.74	9.38	10.06	10.21	9.96	9.82	9.87
1974	10.53	11.02	12.84	14.13	14.42	13.84	12.78	11.94	12.28	12.16	12.32	12.72
1975	12.83	13.03	13.27	13.47	13.34	13.20	13.08	13.20	13.11	13.22	13.31	13.34
1976	13.53	13.52	13.66	13.75	13.86	13.74	13.31	13.50	13.45	13.55	13.24	13.48
1977	13.98	14.46	15.20	15.44	15.80	15.74	15.65	15.82	16.08	16.21	16.10	15.85
1978	16.49	16.46	16.82	17.32	17.72	18.10	17.85	17.56	17.72	17.77	17.46	17.54
1979	17.26	16.99	17.10	17.04	17.04	16.77	16.18	17.28	17.58	17.78	17.75	17.82
1980	18.66	22.41	24.54	25.13	27.72	26.99	27.66	27.46	25.66	24.17	24.18	24.83
1981	25.67	26.02	26.19	26.31	26.26	25.68	24.95	23.95	23.49	21.70	21.54	21.38
1982	21.57	20.95	21.00	20.55	20.20	20.22	20.25	20.35	20.15	20.35	20.84	20.89
1983	22.38	22.61	23.08	23.36	24.01	24.36	24.47	26.47	27.86	27.94	28.11	28.53
1984	28.10	26.21	24.44	23.36	22.74	21.97	21.72	20.14	19.89	19.72	18.83	18.72
1985	20.50	20.94	21.00	20.84	20.50	21.14	23.62	26.47	26.70	26.38	26.39	26.11
1986	25.48	24.56	24.22	23.62	23.31	22.94	22.89	22.83	22.74	21.69	20.42	20.22
1987	20.22	20.33	20.44	20.44	20.56	20.56	20.47	20.47	20.61	20.67	20.67	20.67
1988	20.89	21.17	24.83	25.42	25.36	24.60	24.26	25.54	25.68	25.94	-	25.60
1989	26.87	27.11	27.08	26.83	-	-	-	-	-	-	-	-

Source: DOBE, Department of Business Economics

(F.O.B PRICE - MAIZE)

Table 6.21 F.O.B price of maize (US\$/mt), 1980 - 1988.

TIME SERIES	1980	1981	1982	1983	1984	1985	1986	1987	1988
January	138.00	184.00	141.00	146.00	155.00	112.00	94.00	87.00	138.00
February	143.00	179.00	141.00	147.00	149.00	113.00	94.00	87.00	146.00
March	147.00	172.00	146.00	148.00	155.00	120.00	101.00	91.00	105.00
April	148.00	163.00	152.00	165.00	158.00	128.00	103.00	96.00	135.00
May	154.00	156.00	162.00	164.00	153.00	139.00	97.00	98.00	120.00
June	153.00	162.00	166.00	152.00	156.00	134.00	90.00	97.00	126.00
July	145.00	154.00	136.00	152.00	163.00	112.00	90.00	92.00	130.00
August	153.00	142.00	127.00	151.00	148.00	94.00	84.00	97.00	119.00
September	164.00	135.00	127.00	145.00	138.00	80.00	77.00	113.00	117.00
October	165.00	132.00	125.00	146.00	133.00	85.00	75.00	117.00	120.00
November	181.00	125.00	129.00	154.00	118.00	92.00	83.00	123.00	123.00
December	186.00	127.00	142.00	160.00	113.00	91.00	88.00	123.00	125.00

Source: COC, Chamber of Commerce

(F.O.B PRICE - MUNGBEAN)

Table 6.22 F.O.B price of mungbean-first grade (baht/mt), 1983 - 1988.

TIME SERIES	1983	1984	1985	1986	1987	1988
January	483.00	450.00	337.00	395.00	294.00	492.00
February	479.00	420.00	331.00	399.00	318.00	505.00
March	471.00	489.00	344.00	404.00	319.00	535.00
April	472.00	435.00	331.00	420.00	327.00	531.00
May	534.00	405.00	355.00	409.00	313.00	528.00
June	547.00	401.00	382.00	424.00	313.00	525.00
July	489.00	378.00	388.00	377.00	328.00	537.00
August	463.00	417.00	450.00	349.00	425.00	554.00
September	520.00	445.00	474.00	351.00	422.00	563.00
October	531.00	438.00	478.00	335.00	399.00	459.00
November	485.00	375.00	403.00	317.00	368.00	430.00
December	482.00	338.00	390.00	305.00	463.00	424.00

Source: COC, Chamber of Commerce

Table 6.23 F.O.B price of cassava-pellet (US\$/mt), 1983 - 1988.

TIME SERIES	1983	1984	1985	1986	1987	1988
January	111	105	67	106	135	131
February	119	103	60	108	138	129
March	120	106	57	109	128	132
April	127	107	67	111	117	141
May	132	98	67	120	117	148
June	130	83	81	120	118	148
July	125	73	76	125	123	148
August	125	79	87	138	129	149
September	122	75	89	146	142	130
October	117	75	93	146	132	125
November	121	73	103	146	126	125
December	109	73	104	124	133	126

Source: DOBE, Department of Business Economics

7. Trade

(EXPORT)

Table 7.1 Export of rice, maize and sorghum, 1970 - 1989.

YEAR	RICE & PRODUCT		MAIZE & PRODUCT		SORGHUM	
	quantity (mt)	value (mill. baht)	quantity (mt)	value (mill. baht)	quantity (mt)	value (mill. baht)
1970	1,064,000	2,516.60	1,520,000	1,856.90	80,000	103.40
1971	1,591,000	2,910.10	1,806,000	2,185.60	131,000	157.10
1972	2,113,000	4,436.80	1,932,000	1,980.20	131,000	137.90
1973	849,000	3,594.40	1,456,000	2,861.20	125,000	240.60
1974	1,016,000	9,809.70	2,260,000	5,964.60	189,000	426.30
1975	906,000	5,581.30	2,072,000	5,615.10	200,000	481.70
1976	1,973,400	8,603.10	2,388,200	5,598.10	181,300	373.90
1977	2,946,400	13,382.80	1,517,900	3,286.50	135,500	298.70
1978	1,606,800	10,424.00	1,954,600	4,231.00	158,100	371.70
1979	2,796,900	15,592.40	1,988,100	5,567.40	167,000	494.80
1980	2,799,700	19,507.60	2,175,300	7,200.80	180,600	660.50
1981	3,031,800	26,366.40	2,547,400	8,235.80	220,600	903.90
1982	3,784,100	22,509.60	2,801,200	8,230.80	288,800	928.00
1983	3,476,500	20,157.20	2,630,000	8,386.80	228,300	790.40
1984	4,615,800	25,932.00	3,116,500	10,049.80	219,200	808.80
1985	4,062,200	22,524.20	2,752,400	7,609.00	316,900	1,047.40
1986	4,523,600	20,314.80	3,981,410	9,176.20	267,300	565.70
1987	4,443,500	22,703.00	1,628,400	3,866.60	146,000	353.40
1988	5,701,456	34,676.40	1,228,085	3,888.57	22,663	76.44
1989	6,586,580	45,462.27	1,192,532	4,137.67	27,525	84.95

Source: DOC, Department of Customs

Table 7.2 Export of cassava,soybean, mungbean and groundnut, 1970 - 1989.

YEAR	CASSAVA & PRODUCT		SOYBEAN & PRODUCT		MUNGBEAN		GROUNDNUT	
	quantity (mt)	value (mill. baht)	quantity (mt)	value (mill. baht)	quantity (mt)	value (mill. baht)	quantity (mt)	value (mill. baht)
1970	1,327,000	1,223.20	6,000	16.20	49,000	131.00	-	-
1971	1,122,000	1,238.70	6,000	17.10	38,000	134.20	-	-
1972	1,311,000	1,547.30	9,000	23.10	40,000	144.60	-	-
1973	1,836,000	2,536.60	14,000	75.90	59,000	209.40	-	-
1974	2,392,000	3,836.20	8,600	47.00	53,000	266.20	-	-
1975	2,384,000	4,594.10	24,000	133.80	42,000	237.50	-	-
1976	3,720,700	7,527.50	8,100	47.60	37,300	521.30	-	-
1977	3,954,400	7,720.20	11,500	82.60	70,800	528.50	-	-
1978	6,288,000	10,891.80	8,100	51.30	100,900	651.80	-	-
1979	3,961,200	9,891.10	9,700	68.30	108,400	819.80	-	-
1980	5,217,700	14,887.70	3,400	27.90	65,800	612.00	-	-
1981	6,265,900	16,446.50	2,500	22.60	109,500	1,131.10	-	-
1982	7,815,500	19,751.90	1,300	11.40	130,600	1,314.90	-	-
1983	5,196,700	15,386.90	1,000	9.30	84,800	869.10	-	-
1984	6,569,700	16,600.40	1,000	8.70	118,500	1,192.30	-	-
1985	7,088,300	14,966.80	2,300	21.70	144,500	1,476.20	-	-
1986	6,318,600	19,086.50	2,000	18.50	78,800	769.20	-	-
1987	6,211,000	20,661.60	100	1.50	94,700	738.60	-	-
1988	8,121,727	21,845.44	16	0.19	66,106	729.69	1,059	15,930.00
1989	9,826,101	23,973.88	7	0.10	62,786	628.14	727	11,926.00

Source: DOC, Department of Customs

8. Consumption

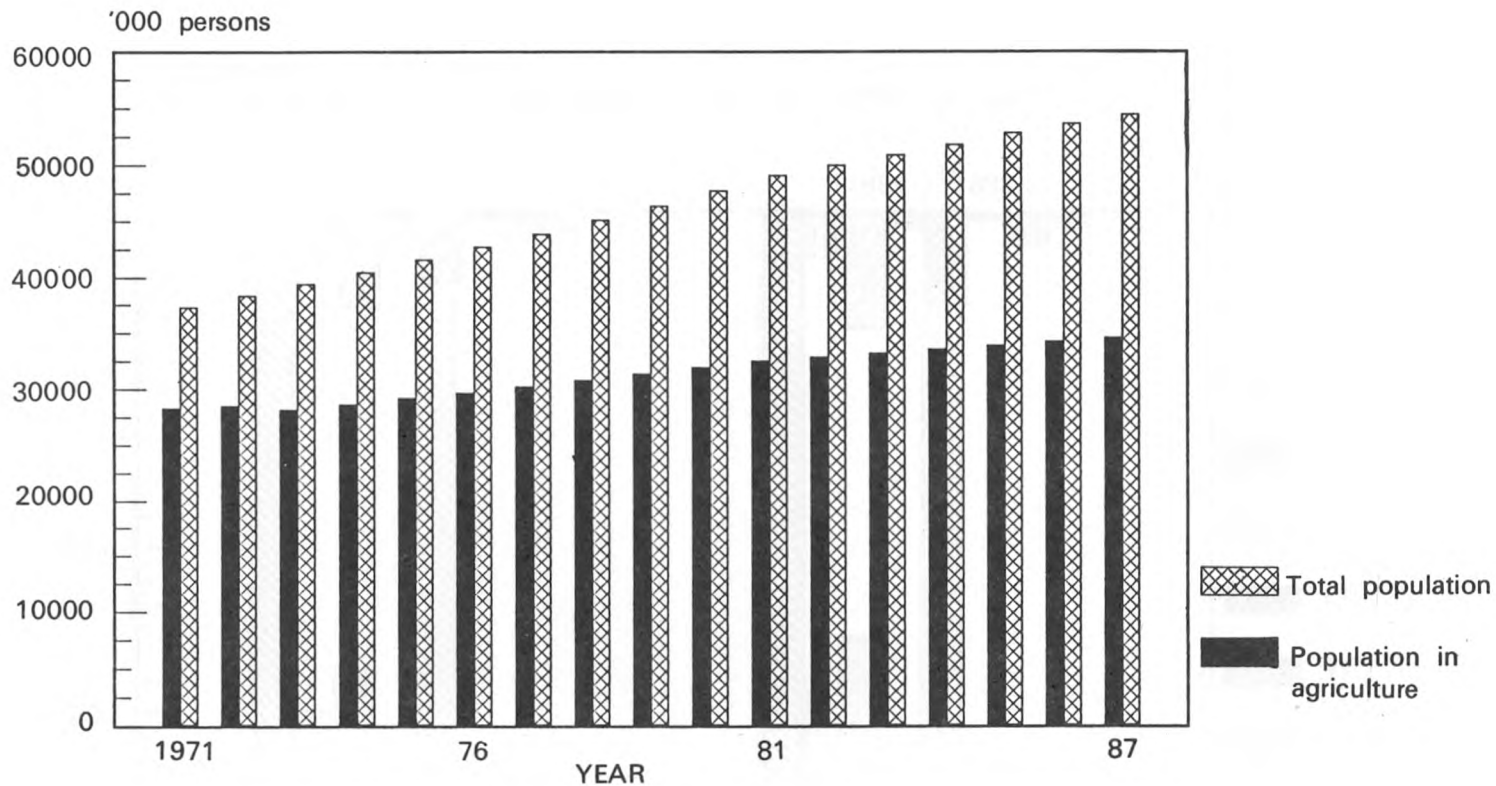
(DOMESTIC CONSUMPTION)

Table 8.1 Domestic consumption of rice, maize, soybean, groundnut, mungbean and cassava ('000 mt), 1972-1987.

YEAR	Rice	Maize	Soybean	Groundnut	Mungbean	Cassava
1972	10,971	118	49	-	65	466
1973	11,259	150	60	-	109	541
1974	11,521	341	97	-	119	334
1975	12,036	450	88	-	105	873
1976	12,491	538	107	-	33	503
1977	12,302	562	106	177	17	1,594
1978	11,680	706	99	113	46	217
1979	12,198	776	149	116	73	978
1980	12,389	854	114	142	82	3,066
1981	12,559	940	98	136	112	1,444
1982	12,579	968	133	120	89	500
1983	12,644	997	417	153	131	4,009
1984	12,727	1,000	616	173	180	6,257
1985	12,908	1,100	508	169	90	5,395
1986	13,193	1,230	622	266	155	1,829
1987	13,439	1,500	618	368	101	6,076

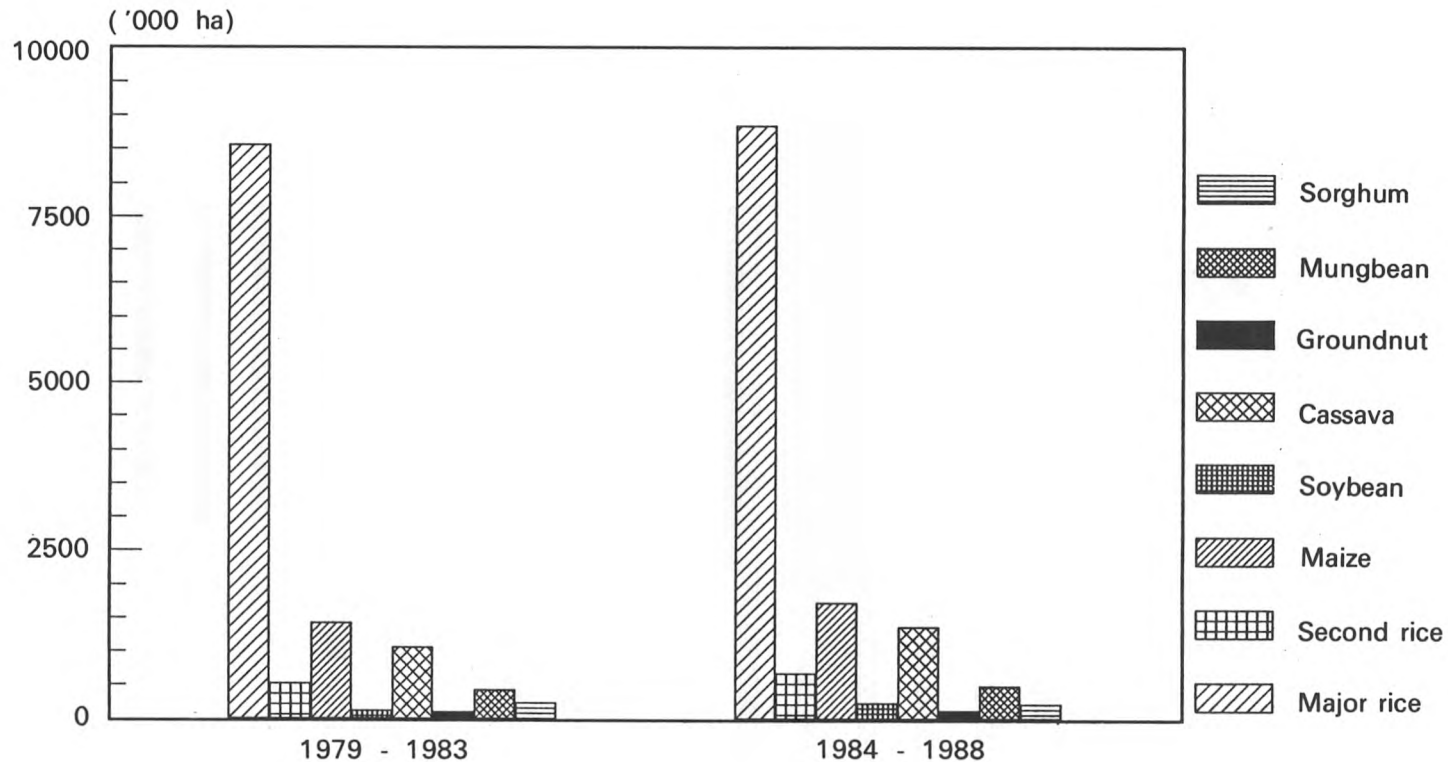
Source: OAE, Office of Agricultural Economics

Graphs



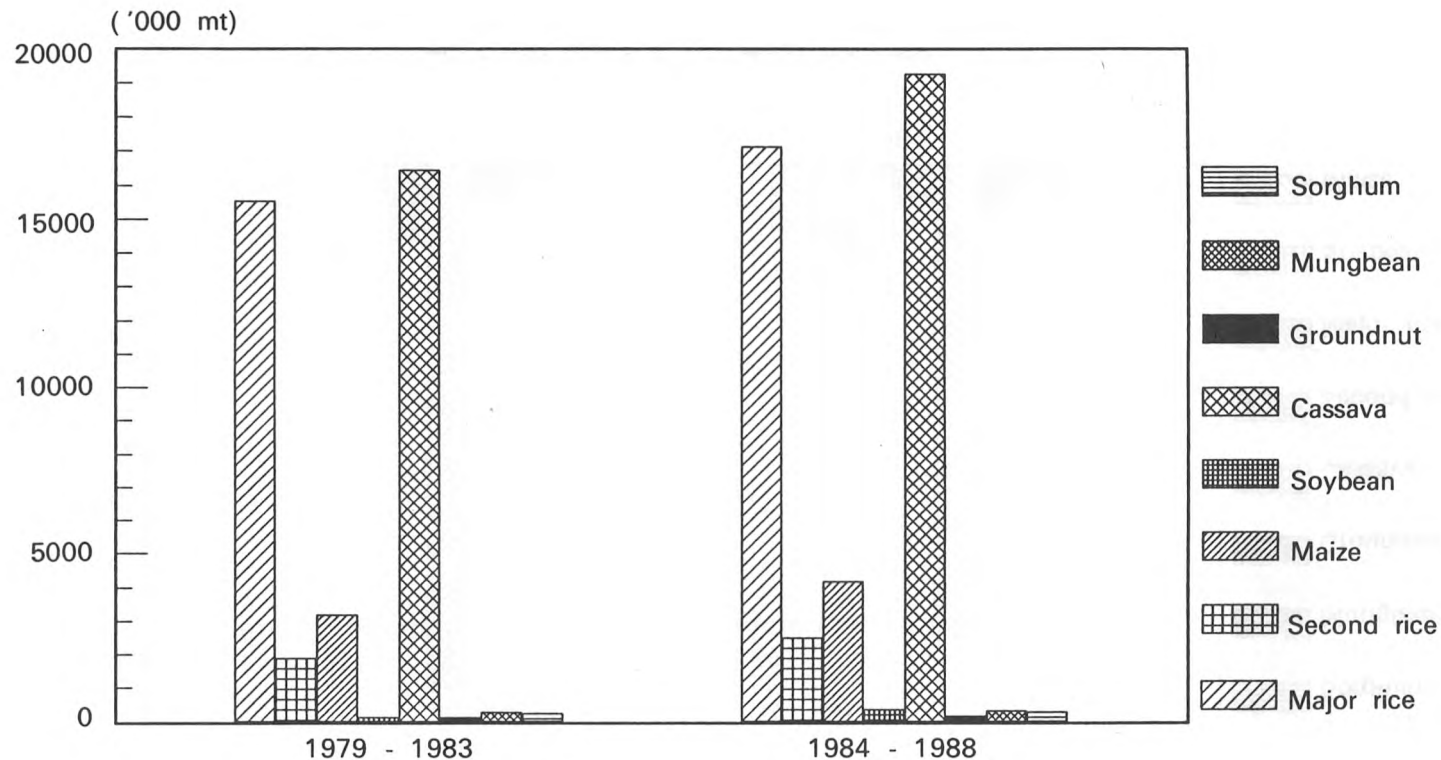
Graph 1. Total population and agricultural population, 1971 - 1987

Source: OAE, Office of Agricultural Economics



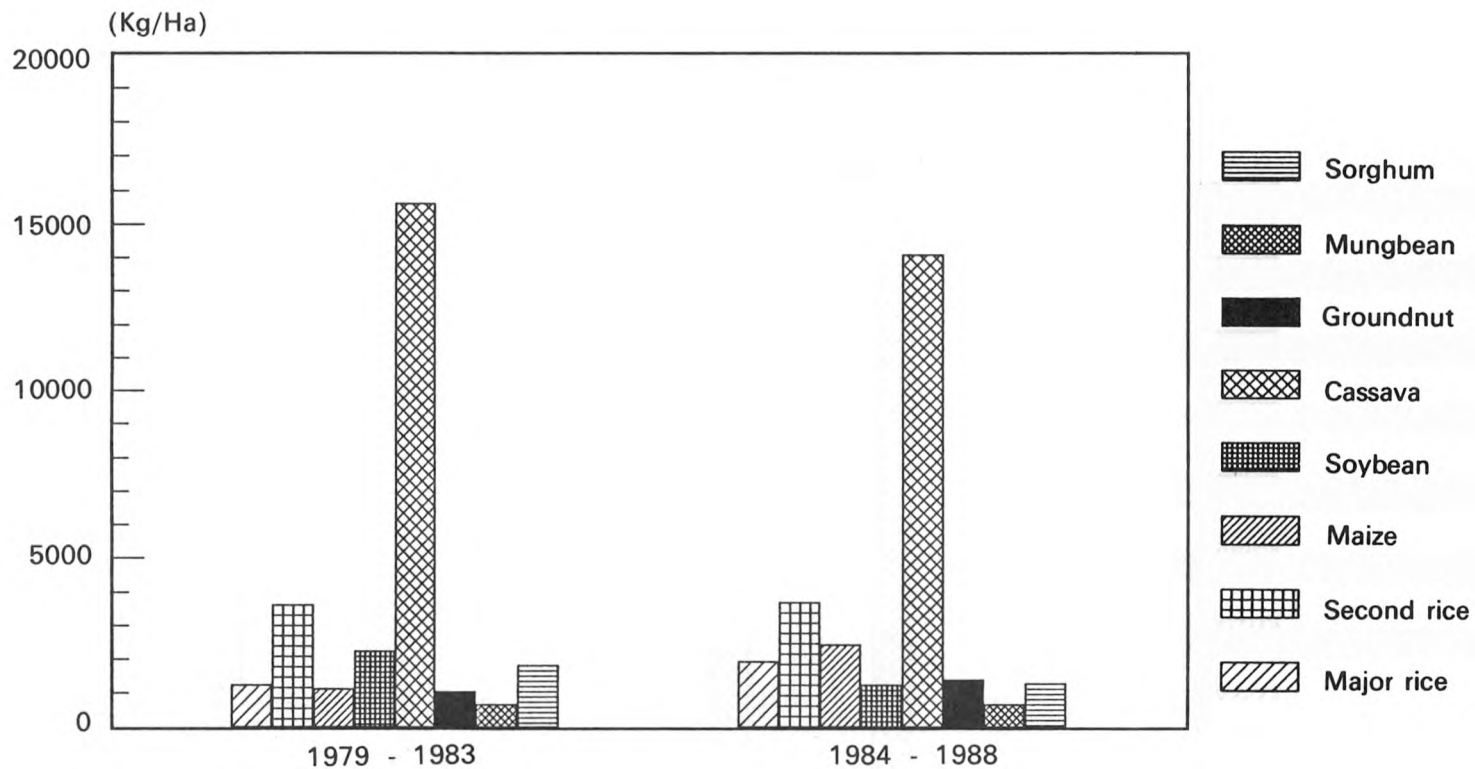
Graph 2. Area harvested of rice and major CGPRT crops by 5 years average, 1979 - 1988

Source: OAE, Office of Agricultural Economics



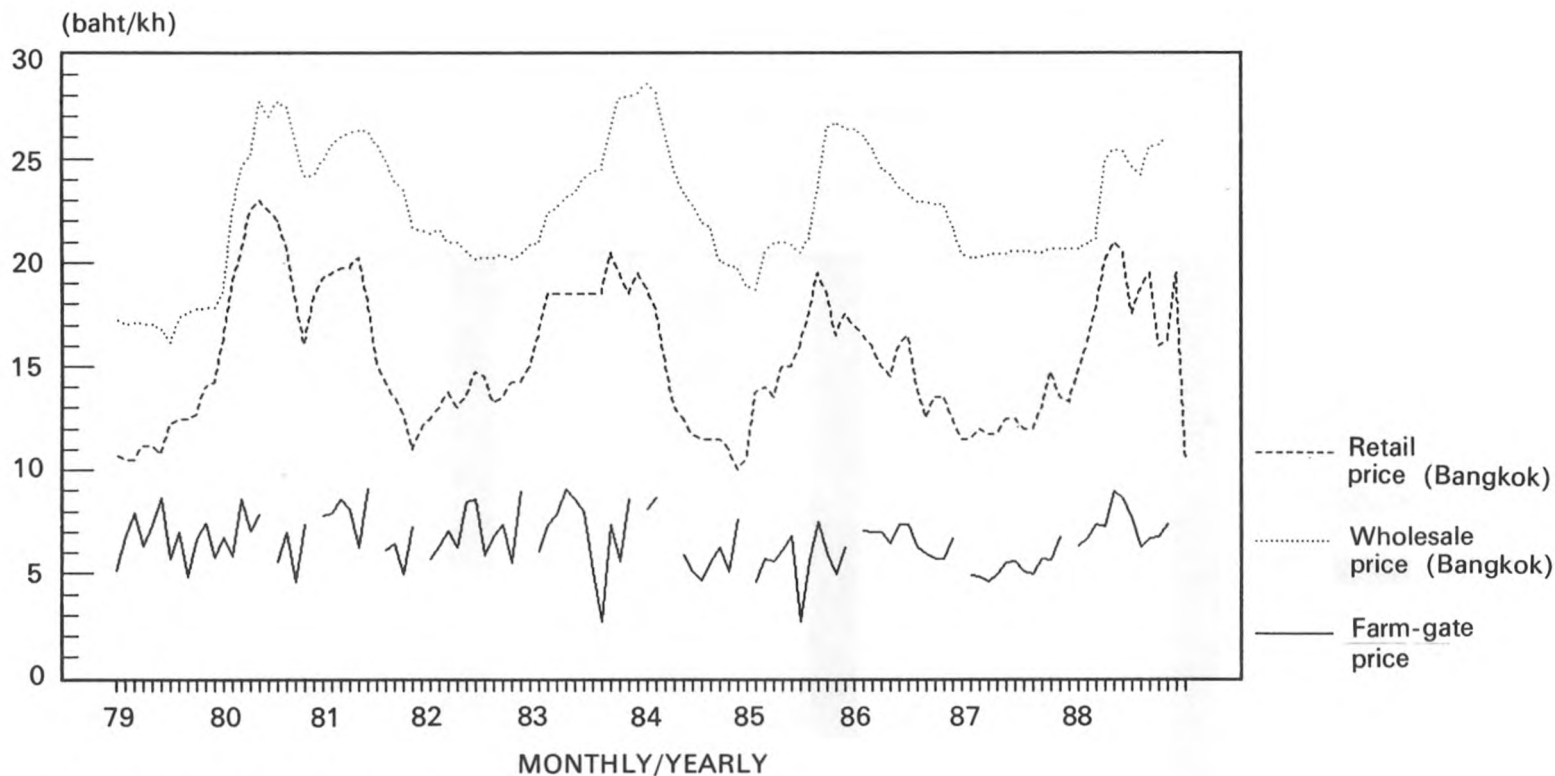
Graph 3. Production of rice and major CGPRT crops by 5 years average, 1979 - 1988

Source: OAE, Office of Agricultural Economics



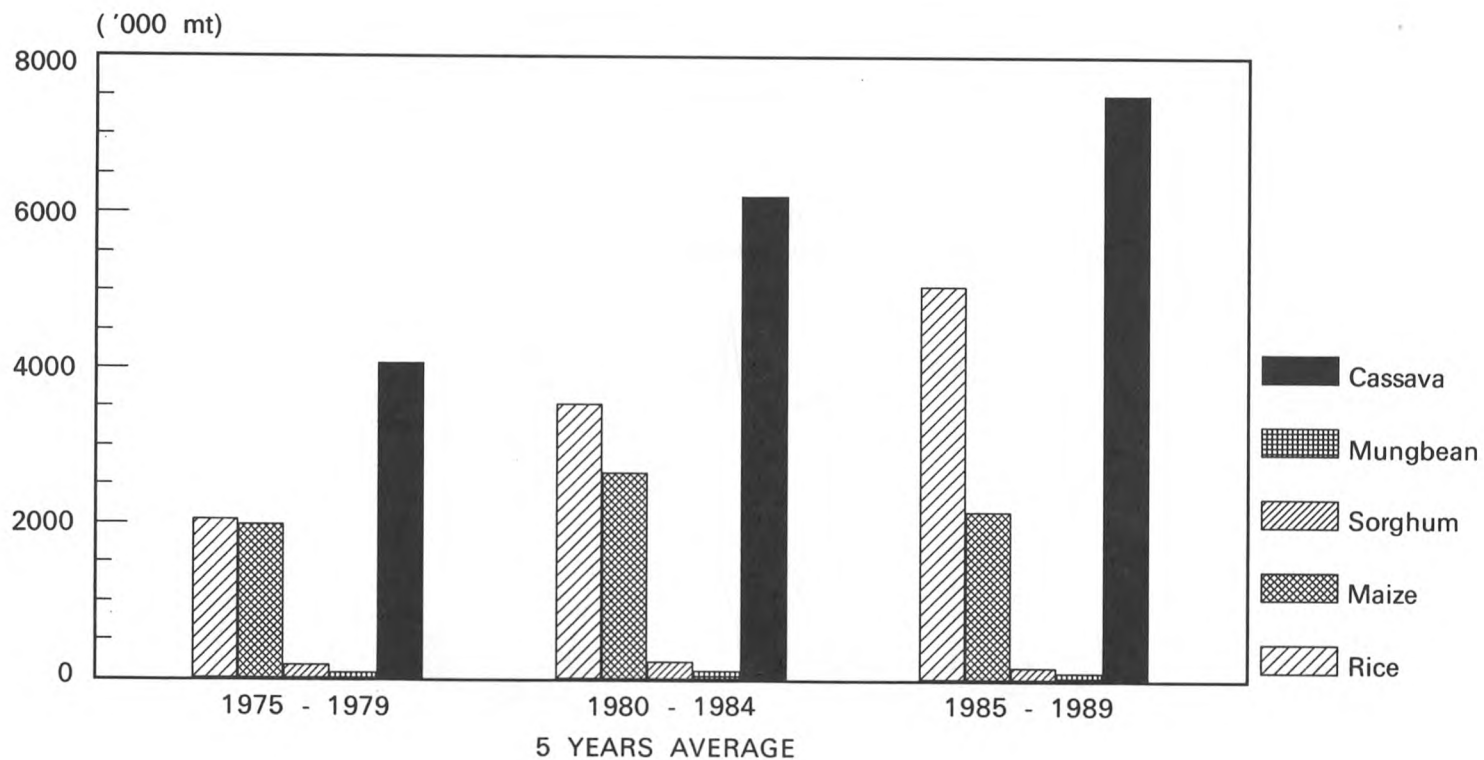
Graph 4. Yield of rice and major CGPRT crops by 5 years average, 1979 - 1988

Source: OAE, Office of Agricultural Economics



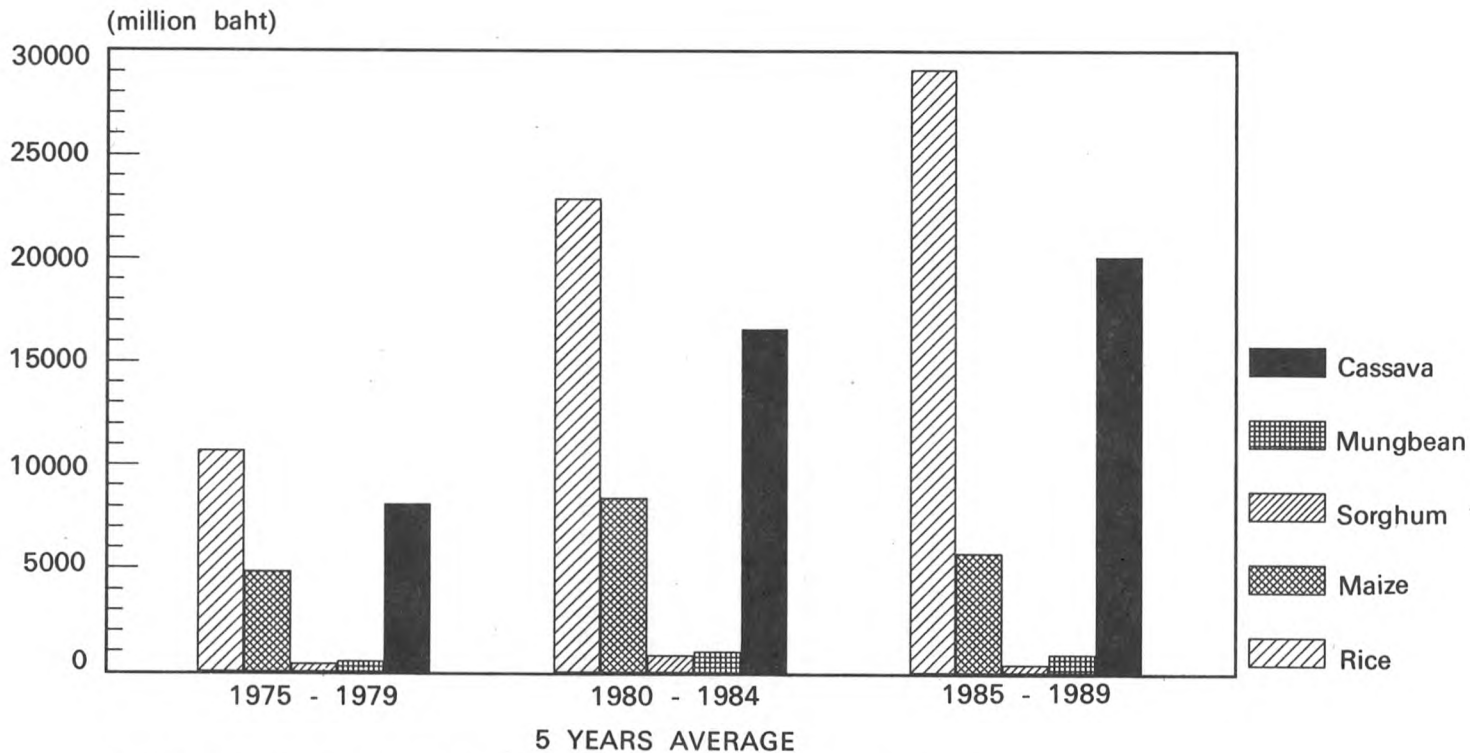
Graph 5. Domestic prices of groundnut, 1979 - 1988

- Source: 1. OAE, Office of Agricultural Economics
 2. ITD, Internal Trade Department (for wholesale price)
 3. DOBE, Department of Business Economics (for retail price)



Graph 6. Export quantity of rice and major CGPRT crops by 5 years average, 1975 - 1989

Source: DOC, Department of Customs



Graph 7. Export value of rice and major CGPRT crops by 5 years average, 1975 - 1989

Source: DOC, Department of Customs

General Notes on Tables

Symbols:

- data not available, not applicable or no data at all.

Conversion rate:

1 hectare 6.25 rais

A. NOTES ON DATA COLLECTION

Crop area, yield and production

Data on crop area, yield and production of rice and the major field crops such as maize, sorghum, soybean, groundnut, mungbean and cassava have been collected by the Centre for Agricultural Statistics (CAS), Office of Agricultural Economics (OAE), Ministry of Agriculture and Co-operatives, since 1974, by conducting a special annual survey. For each crop survey, a different list frame sampling is developed. Stratified two-stage sampling, where the first-stage sampling units are villages and the second stage sampling units are farm households, is the most frequently used method. A proportional allocation has been used in determining the number of sample villages in each stratum in each province, i.e. the number of sample villages depends on the number of villages within a stratum in a province. The total number of village samples included in a survey have very often been constrained by budget, personnel, vehicles, and time.

The village samples are randomly drawn at the office in Bangkok. The selected villages are then assigned to the enumerator. At the sample village, the enumerator lists all farm households which grow the crop being surveyed. The list of these households is used as a second-stage sampling unit. A random number table is utilized in the farm selection process. The selected farm holders are then interviewed and the area planted, production, and other characteristics under study, are recorded on the questionnaires which are sent to Bangkok for processing. It is worthwhile to point out that in some areas, the surveys are being carried out by the officers or enumerators under the supervision of the Agro-economic Zone Offices under OAE. The production costs of these crops are also collected by the same method.

Prices

Farmgate prices of the mentioned commodities are collected by the CAS, OAE through the Agro-economic Zone Offices. However, the wholesale and retail prices are collected by the Internal Trade Department and Department of Business Economics, Ministry of Commerce, respectively. These prices are collected from the major market in Bangkok on a daily basic. They are then processed into an average price for Bangkok. As for the F.O.B. price, the Thai Chamber of Commerce has been recording the price quotation which is obtained from the major exporters in Bangkok.

Domestic consumption

Consumption data are estimated by the OAE. These data are derived from the total production minus the total export, of each commodity. For example, the cassava domestic consumption was estimated by the total root production minus all cassava export and then converted into a root basis of the year in question.

B. EXPLANATION ON PRODUCT FORM

Major and secondary rice crops

The major rice crop is produced during July-January, while the second rice crop is produced during February-July. The data on crop area, yield and production are collected on the basis of paddy, which includes both rice and glutinous rice of all varieties grown.

Maize

Production of maize is collected on the grain basis which is mostly used for animal feed. There are two crops of maize being produced in each crop year. The first crop is during April-September, while the second crop is during July-November.

Sorghum

Production of sorghum is also collected on the grain basis which is mostly used for animal feed. There are two crops of sorghum being produced in each crop year. The first is during May-September, while the second crop is during October-March of the next year.

Soybean

Production of soybean is collected on a grain basis. It is produced by two crops per crop year. The first crop is during July-November, while the second crop is during December-April of the next year.

Groundnut

Production of groundnut is collected in the form of dried groundnut in shell. The first crop of groundnut is during May-September, while the second crop is during January-March.

Mungbean

Production data of mungbean is collected on a grain basis. This includes the production of black matpe. These two crops are being produced with two crops per crop year. The first crop is during August-January of the next year, while the second crop is during January-April.

Cassava

Production of cassava is collected on a fresh root basis. It is harvested during October-September of the next year.

Export of rice

Rice is exported in several forms, namely: white rice, glutinous rice, cargo rice, rice parboiled, and rice products such as white rice flour, glutinous rice flour, other rice flour and vermicelli made from rice.

Export of maize, sorghum and mungbean

All these commodities are exported in the form of grain.

Export of cassava

The export of cassava or cassava products includes: cassava fresh root, cassava shredded or chip, cassava pellets, cassava waste, tapioca and sago.

Domestic consumption

The domestic consumption of all the listed commodities are very much the same product forms which are exported. However, parboiled rice is not domestically consumed.

**CGPRT CENTRE
Publications Section**

Editor: John H. Owens

Production: Deddy Subandi M.
S. Tayanih (Yayan)

Distribution: Taufik Angkasali

Printer: SMT. Grafika Desa Putera

