



Government of Kerala

Season and Crop Report 1995-96, 1996-97 & 1997-98

Department of Economics and Statistics

Thiruvananthapuram

2001

Preface

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Preface

This is the 31st issue in the series of "Season and Crop Reports" relating to Kerala State. It is one of the important publications of the TRS division of the Department of Economics & Statistics, Government of Kerala and it deals with the different aspects of the agricultural economy of the state relating to the year 1995-96, 1996-97 and 1997-98. The data relating to land use, area under crops, production of important crops and irrigation particulars furnished in this report are based on the sample survey conducted under EARAS during 1995-96, 1996-97 and 1997-98.

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I hope that the report will give a comprehensive picture of the agricultural situations in Kerala during these years and it will be of much use to planners and research scholars.

Suggestions for the improvement of the report are welcome.

A. Meena Sahib
DIRECTOR

Thiruvananthapuram,
26-08-2000

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Season and Crop Report of Kerala 1995-96, 1996-97 & 1997-98

1.1 Introduction

Kerala is one of the smallest states of Indian Union. With a geographical area of 38863 Sq.Km. which forms only 1.18% of the total area of the country. The state lies at the southwest corner of the Indian Peninsula, between 8°-18' and 12°-48' north latitude 74°-52' and 77°-22' East longitudes. It is bounded by Karnataka state on the north, Tamilnadu on the east and south the Arabian sea on the west. The western ghats comprising the high altitude mountain tracts act as a boundary wall on the eastern side. The state is blessed with a long coastal line of 580 KM in length. The width of this narrow strip of land called Kerala varies from 130 Km in the middle to 32 KM in the extremities.

1.2 Tropography

The tropography of the state is a particular one. From the forest had high altitude mountains terrains of the Sahya mountains, the land mass undulates to the golden shores of the Arabian sea presenting a series of hills and valleys. Because of this nature of the terrain and heavy rainfall numerous rivers and rivalets flow west wards until they empty into the Arabian sea. The land on the west coast is more or less flat and is adorned by numerous lakes and lagoons. Because of these diverse characteristics of the land and consequent changes in plant growth the state is well marked into three district regions viz., the high land, midland and the lowland.

The highland is classified as the region that lies 250 feet above mean sea level comprising an area of about 18653 Sq.Km. This region comprises the ghat, forest and most of the reserve forests. Many prestigious varieties of trees like sandalwood, rose wood, teak, mahagani, etc. and a numerous other varieties of hard and soft wood trees also grow in this region. Most of the reserve forests of the State are located here. The highest peak in South India viz., the 'Anamudi' is situated on the border of the State. The periyar lake from which the river Periyar originates is also located here. Rainfall is very high in this region compared to other regions. This region is highly suitable for the cultivation of plantation crops like Tea, Coffee, Cardamom and rubber.

The middle land region lies between 25' and 250' above mean sea level with an area of 16231 Sq.Km is famous for its diverse crops, while rice is grown in valleys, coconut, arecanut, rubber, pepper and tapioca are grown in the slopes of the hills. Thus major and minor crops are cultivated inter mixed with one another.

The low land lies up to 25' above mean seal level on the west coast and comprises an area of 3979 Sq.Km. The lowland region is monopolised by paddy and coconut. Fishing is a major avocation of this people of this region.

Paddy, coconut, arecanut, pepper, rubber, tapioca, banana and plantain are the important crops cultivated. Paddy being a seasonal crop and the main staple food of Kerala is cultivated in three seasons viz., Autumn (virippu) Winter (mundakan) and Summer (puncha). Autumn crops are mainly rainfed while winter crops are raised as a single crop originally on water logged areas on reclaimed lagoon lands by de-watering during summer. The other important seasonal crops are pulses, ragi, sesamum, sugarcane, tapioca, groundnut, ginger, turmeric, etc.

The high cost of cultivation and comparatively low return had adversely affected both area and production of paddy. Since the rice produced in the State is less than half of the requirements. The state has to depend on other neighbouring states for its food needs. There are also seasonal floods and draughts to which cause damage crops.

1.3 Administrative regions

For administrative purposes the state is divided in to 14 districts viz. Thiruvananthapuram, Kollam, Pathanamthitta, Alappuzha, Kottayam, Idukki, Ernakulam, Thrissur, Palakkad, Malappuram, Kozhikode, Wayanad, Kannur and Kasaragod. Each district are again divided into taluks and villages as Revenue administrative units Panchayats and Blocks and in rural and Municipalities and Corporations in urban development units. The district wise distribution of area according to village records is given in the following table.

District wise distribution of Area of the State

Sl. No.	District	No. of Taluks	No. of Villages	Area (in Sq.Km)	Percentage to total
1	2	3	4	5	6
1	Thiruvananthapuram	4	115	2192	5.64
2	Kollam	5	103	2579	6.64
3	Pathanamthitta	5	68	2731	7.03
4	Alappuzha	6	91	1256	3.23
5	Kottayam	5	95	2204	5.67
6	Idukki	4	65	4998	12.86
7	Ernakulam	7	123	2408	6.20
8	Thrissur	5	253	3032	7.80
9	Palakkad	5	156	4480	11.53
10	Malappuram	6	134	3548	9.13
11	Kozhikode	3	117	2345	6.03
12	Wayanad	3	49	2132	5.49
13	Kannur	3	129	2997	7.71
14	Kasaragod	2	86	1961	5.04
	State	63	1584	38863	100

Source: Survey Department.

1.4 Rural Development

The state is delimited into 152 Blocks for around development of the rural areas. The important programmes implemented by these blocks are Integrated Rural Development Programmes (ITDP), Training of Youths for Self-Employment (TRYSEM) and the Rural Landless Employment Guarantee Programme (RLEGP). Besides these various schemes under the poverty amelioration programmes better known as 20 point programmes are also implemented in these blocks.

1.5 Local Self Government

Panchayat in rural areas and Municipalities and Corporations in urban areas are the units of local Self-Government in the State. At present there are 990 Panchayats 55 Municipalities and 3 Corporations in the State which administered by the elected representatives of local people.

1.6 Climate

The state is blessed with a moderate climate. Since the State is a narrow strip of land that lies between high attitude mountains and the sea extreme climates are not experienced in the State.

1.7 Rainfall

The State receives copious rains from the south, west and the north east monsoon winds blowing over the State. The southwest monsoon starts from the beginning of June and extends up to September. The northeast monsoon spell is from October to December. Isolated off seasonal showers do also occur during the remaining months of the year.

District wise actual rainfall in mm. for 1995, 1996 and 1997

Sl. No.	District	1995	1996	1997
1	2	3	4	5
1	Thiruvananthapuram	1546.1	1577.1	1864.9
2	Kollam	2968.0	2362.8	2636.5
3	Pathanamthitta	3028.8	2840.9	3098.7
4	Alappuzha	2783.4	2248.5	3177.3
5	Kottayam	3354.3	2547.3	3147.7
6	Idukki	3554.8	3830.3	3890.1
7	Eranakulam	3592.7	3211.2	3512.2
8	Thrissur	3262.2	2362.2	3099.0
9	Palakkad	1967.2	1891.1	2414.1
10	Malappuram	2813.6	2452.6	3460.1
11	Kozhikode	3441.8	2993.5	4059.6
12	Wayanad	2703.3	2743.5	2836.0
13	Kannur	2775.0	3315.8	3976.9
14	Kasaragod	3542.1	3206.7	3723.3

1.8 Temperature

The average temperature of the State varies between 21°C and 32°C. But the temperature recorded at Palakkad and Punalur had always been higher than those recorded at other places during

summer. This is because the hot summer winds blowing over the Decan Plateau escapes into these places through the gaps at Palakkad and Aryancavu respectively in the Sahya mountains.

1.9 Soils

The different types of soil found in various parts of the state are classified as follows:-

- 1) The hilly and forest soil seen all along the eastern part of the state.
- 2) The sandy soil seen in the coastal belt.
- 3) The laterite soil seen in the midland.
- 4) The black soil seen in patches on the eastern boarder of Palakkad District.
- 5) The peat or Kari soil seen in Alappuzha.
- 6) The alluvial soil seen along the Southern and Eastern parts of Vembanad Lake and in small patches in Thiruvananthapuram District.
- 7) The red soil found on the easter tip of Thiruvananthapuram District.

1.10 Minerals

The state is not rich in mineral wealth. Basic minerals like coal, iron, ore etc. and petroleum are conspicuous by their absence. Consequently the state is industrially backward among the Indian states. But rare mineral sands like illuminate, rutile, monazite, zircon and silliminite are mined from the coastal line. Minor mineral like white quartz sand, fire clay, ball clay, lime shell and china clay are also mined in the state.

1.11 Crop and crop season

The major crops grown in the state are food crops like paddy, pulses, tubers and topioca.

2.0 Land Utilization.

The land utilization particular of the state for the year 1995-96 to 1997.98 are furnished in the table 2.1 of the summary table and table 3.5,3.6 and 3.7 of the part III. The total area of the state referred to in various tables according to the village papers while slightly differ from that under professional survey.

The district wise area under various land users are discussed in the following paragraph. Fruits like plantain, banana, Mango, Jack and cashew, spices like pepper, ginger, cardamom and arecanut, Oil seeds like coconut, groundnut and gingelly and plantation crops like tea, coffee, rubber and cocoa.

The periods of sowing of various crops are mainly in the rainy seasons. Autumn, Winter and Summer are the seasons for paddy, the staple food of the people of Kerala. But most of the seasonal crops (rainfed)are sown well before south west monsoon set in the state.

Unlike other parts of India perennial crops dominate the agricultural sector of the state. Intensive mixed cropping of the perennials and seasonal on dry land is the general pattern of cultivation of the people of Kerala.

2.1 Forest

The district wise distribution of Area under forest for the year 1995-96, 96-97 and 97-98

Sl. no	District	Area under forest hc.(95-96,96-97,97-98)	Percentage to total forest areas	Percentage to total geographical area of out
1	2	3	4	5
1	Thiruvananthapuram	49861	4.61	22.81
2	Kollam	81438	7.53	32.34
3	Pathanamthitta	155214	14.35	57.75
4	Alappuzha	-	-	
5	Kottayam	8141	0.75	3.71
6	Idukki	260907	24.12	50.67
7	Eranakulam	8123	0.75	3.45
8	Thrissur	103619	9.58	34.61
9	Palakkad	136257	12.60	31.04
10	Malappuram	103417	9.56	28.47
11	Kozhikode	41386	3.83	17.74
12	Wayanad	78787	7.29	37.07
13	Kannur	48734	4.51	16.42
14	Kasaragod	5625	0.52	2.87
	State	1081509	100	27.83

27.83% of total geographical area is covered with forest. In the district of Pathanamthitta and Idukki 50% or above geographical areas of the districts are under forest. Where very smallest area of forest is in Kasaragode district and no forest in Alappuzha district.

2.2 Land put to non-agricultural uses

Land put to non-agricultural uses was estimated as 313131 hectares 317871 hectares and 320307 hectares during 95-96,96-97 and 97-98 respectively which forms 8.06%, 8.18% and 8.24% respectively to the whole geographical area. From the following table it can be seen that land put to non-agricultural uses is large in Alappuzha district followed by Eranakulam district and less in Idukki district. By analysing the given table it can be seen that only a small portion of area is used for non-agricultural purposes in Idukki.

District-wise distribution of area under non-agricultural uses (in Ha)

Sl no	Name of district	Area under non-agricultural uses			% to total			% to total geographical area of the dist.		
		95-96	96-97	97-98	95-96	96-97	97-98	95-96	96-97	97-98
1	2	3	4	5	6	7	8	9	10	11
1	Thiruvananthapuram	20851	19716	20002	6.66	6.20	6.24	9.54	9.02	9.15
2	Kollam	21614	21124	21045	6.90	6.65	6.57	8.58	8.39	8.36
3	Pathanamthitta	13894	14007	14759	4.44	4.41	4.61	5.17	5.21	5.49
4	Alappuzha	22878	22412	22777	7.31	7.05	7.11	16.81	16.47	16.74
5	Kottayam	22144	22109	22005	7.07	6.95	6.87	10.09	10.07	10.02
6	Idukki	14542	14321	14383	4.64	4.51	4.49	2.82	2.78	2.79
7	Eranakulam	35272	34494	33681	11.26	10.85	10.52	14.99	14.66	14.31
8	Thrissur	26885	25787	24624	8.59	8.11	7.69	8.98	8.16	8.22
9	Palakkad	39520	41514	43037	12.62	13.06	13.44	9.00	9.46	9.80
10	Malappuram	25314	27427	28577	8.08	8.63	8.92	6.97	7.55	7.87
11	Kozhikode	22032	22908	21587	7.04	7.21	6.74	9.44	9.82	9.25
12	Wayanad	8156	9123	9649	2.60	2.87	3.01	3.84	4.29	4.54
13	Kannur	23099	26299	26984	7.38	8.27	8.42	7.78	8.86	9.09
14	Kasaragod	16930	16630	17197	5.41	5.23	5.37	8.63	8.48	8.77
	State	313131	317871	320307	100	100	100	8.06	8.18	8.24

2.3 Barren and uncultivable land

Area under barren and uncultivable land for 95-96, 96-97 and 97-98 are 43154 hectares, 14030 hectares and 38934 hectares respectively which forms 1.11%, 1.06% and 1% of the geographical area of the state during 95-96, 96-97 and 97-98 respectively. It is greater in Kasaragod district and less in Alappuzha districts. By comparing the area of barren and uncultivable land for some years it shows a decreasing tendency.

**District wise distribution of barren and uncultivable land (in hect) 1995-96,
1996-97 and 1997-98**

District	Area under barren and uncultivable land			Percentage to total			Percentage to total geographical area of the district		
	1995-96	1996-97	1997-98	1995-96	1996-97	1997-98	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9	10
Thiruvananthapuram	679	618	631	1.57	1.51	1.62	0.31	0.28	0.29
Kollam	391	293	298	0.91	0.71	0.77	0.16	0.12	0.12
Pathanamthitta	461	426	490	1.07	1.04	1.26	0.17	0.16	0.18
Alappuzha	171	149	180	0.40	0.36	0.46	0.13	0.11	0.13
Kottayam	2019	1811	1736	4.68	4.41	4.46	0.92	0.82	0.79
Idukki	9391	8572	8772	21.76	20.89	22.53	1.82	1.66	1.70
Eranakulam	1956	1526	1386	4.53	3.72	3.56	0.83	0.65	0.59
Thrissur	799	710	574	1.85	1.73	1.47	0.27	0.24	0.19
Palakkad	6902	6223	5582	15.99	15.17	14.34	1.57	1.42	1.27
Malappuram	4218	3927	3459	9.77	9.57	8.88	1.16	1.08	0.95
Kozhikode	1295	1424	1599	3.00	3.47	4.11	0.56	0.61	0.69
Wayanad	805	772	612	1.87	1.88	1.57	0.38	0.36	0.29
Kannur	4672	4466	4270	10.83	10.89	10.97	1.57	1.50	1.44
Kasaragod	9395	10113	9345	21.77	24.65	24.00	4.79	5.16	4.76
State	43154	41030	38934	100	100	100	1.11	1.06	1.00

2.4 Permanent pastures and grazing land

The estimated area under permanent pastures and grazing of land is 1170 hectares, 931 hectares and 825 hectares respectively during 95-96, 96-97 and 97-98. Which forms 0.03%, 0.02% and 0.02% of the geographical area of the state. Area under this category is greater in Idukki district

2.5 Land under miscellaneous tree crops

Estimated area under miscellaneous tree crops during 95-96, 96-97 and 97-98 were 26852 hectares, 23256 hectares and 22028 hectares respectively.

2.6. Cultivable Waste land

This includes lands available for cultivation whether not taken for cultivation or abandoned after a few years for one or other reason. Land once cultivated but remaining uncultivated for five years or more in succession shall also be included in this category. The district wise distribution of cultivable wasteland is given below.

District wise distribution of area under cultivable waste land (in hect) 1995-96, 1996-97 and 1997-98

District	Area under cultivable waste land			Percentage to total			Percentage to total geographical area of the district		
	1995-96	1996-97	1997-98	1995-96	1996-97	1997-98	1995-96	1996-97	1997-98
I	2	3	4	5	6	7	8	9	10
Thiruvananthapuram	584	409	428	0.79	0.61	0.66	0.27	0.19	0.20
Kollam	379	543	548	0.51	0.80	0.84	0.15	0.22	0.22
Pathanamthitta	415	292	290	0.56	0.43	0.45	0.15	0.11	0.11
Alappuzha	3004	3317	3009	4.04	4.92	4.62	2.21	2.44	2.21
Kottayam	994	1116	1401	1.34	1.66	2.15	0.45	0.51	0.64
Idukki	13491	10805	10208	18.14	16.03	15.69	2.62	2.10	1.98
Eranakulam	3489	2976	3435	4.69	4.41	5.28	1.48	1.26	1.46
Thrissur	2552	2292	2007	3.43	3.40	3.08	0.85	0.77	0.67
Palakkad	20660	18239	16437	27.77	27.06	25.26	4.71	4.15	3.74
Malappuram	9462	8538	7670	12.72	12.67	11.79	2.60	2.35	2.11
Kozhikode	778	800	833	1.05	1.19	1.28	0.33	0.34	0.36
Wayanad	2406	2293	2311	3.23	3.40	3.55	1.13	1.08	1.09
Kannur	3998	3959	3993	5.37	5.87	6.14	1.35	1.33	1.35
Kasaragod	12170	11834	12502	16.36	17.55	19.21	6.20	6.03	6.37
State	74382	67413	65072	100	100	100	1.91	1.73	1.67

By analyzing the above table the estimated cultivable wasteland during 95-96, 96-97 and 97-98 were 74382 hectares, 67413 hectares and 65072 hectares respectively. Cultivable wasteland is more in Kasaragod district and less in Pathanamthitta district with respect to the geographical area of each district. It can be seen that the total cultivable wasteland area shows a decreasing tendency.

2.7 Fallow other than current fallow

The estimated area of fallow other than current fallow during 1995-96, 96-97 and 97-98 were 29143 hectares, 29342 hectares and 27730 hectares respectively. It is about 0.75%, 0.75% and 0.71% of the total geographical area of the state during 95-96, 96-97 and 97-98 respectively. Palakkad district accounted for the highest area under this category and lowest in Thiruvananthapuram district.

2.8 Current fallow

Cropped areas which are kept fallow during current year is current fallow. If any seeding area is not cropped again in the same year it may be treated as current fallow.

The district wise distribution of area under current fallow is given below:

District wise distribution of area under current fallow (in hect) 1995-96, 1996-97 and 1997-98

District	Area under current fallow			Percentage to total			Percentage to total geographical area of the district		
	1995-96	1996-97	1997-98	1995-96	1996-97	1997-98	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9	10
Thiruvananthapuram	647	828	734	1.26	1.49	1.25	0.30	0.38	0.34
Kollam	1414	1629	1790	2.76	2.93	3.06	0.56	0.65	0.71
Pathanamthitta	1668	1922	2098	3.25	3.46	3.59	0.62	0.72	0.78
Alappuzha	4538	4426	4903	8.84	7.97	8.38	3.34	3.25	3.60
Kottayam	3191	3472	3590	6.22	6.25	6.14	1.45	1.58	1.64
Idukki	1852	1912	1794	3.61	3.44	3.07	0.36	0.37	0.35
Eranakulam	2718	3444	4167	5.30	6.20	7.12	1.16	1.46	1.77
Thrissur	5835	6041	6813	11.37	10.88	11.65	1.95	2.02	2.28
Palakkad	13223	13358	12597	25.77	24.05	21.53	3.01	3.04	2.87
Malappuram	8153	8927	10169	15.89	16.08	17.38	2.24	2.46	2.80
Kozhikode	1718	1839	2108	3.35	3.31	3.60	0.74	0.79	0.90
Wayanad	1993	2220	1858	3.88	4.00	3.18	0.94	1.04	0.87
Kannur	1701	2551	2710	3.31	4.60	4.63	0.57	0.86	0.91
Kasaragod	2663	2963	3168	5.19	5.34	5.42	1.36	1.51	1.62
State	51314	55532	58499	100	100	100	1.32	1.43	1.51

Area under current fallow during 96-97 and 97-98 are estimated as 55532 hectares and 58499 hectares respectively against 51314 hectares during 95-96. Current fallow is higher more in Alappuzha district during 95-96, 96-97 and 97-98 with respect to the geographical area of the district. The larger portion of the area under current fallow is in Palakkad district when the state is considered and the same is less in Thiruvananthapuram district.

2.9 Net area sown

The net area sown during 95-96, 96-97 and 97-98 were 2264842 hectares, 2268613 hectares and 2270593 hectares respectively. About 58% of the geographical area of the state come under this category. Kottayam, Eranakulam, Alappuzha, Kasaragod, Kozhikode, Kannur, Thiruvananthapuram, Kollam, Malappuram, Wayanad, Thrissur, Palakkad, Idukki, Pathanamthitta are the districts in descending order of net area with respect to the geographical area of corresponding districts. Within the total net area in the state most portion is in Kannur during 95-96 in Idukki during 96-97 and Palakkad during 97-98 and less in Pathanamthitta during these three years with respect to the total area under this category in the state.

The district wise distribution of net area during 95-96, 96-97 and 97-98 is given below:

District wise distribution of net area sown (in hect) 1995-96, 1996-97 & 1997-98

District	Net area sown			Percentage to total			Percentage to total geographical area of the district		
	1995-96	1996-97	1997-98	1995-96	1996-97	1997-98	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9	10
Thiruvananthapuram	145401	146633	146472	6.42	6.46	6.45	66.51	67.08	67.00
Kollam	145742	145726	145833	6.44	6.42	6.42	57.87	57.86	57.91
Pathanamthitta	96470	96315	95386	4.26	4.24	4.20	35.90	35.84	35.49
Alappuzha	103561	103796	103212	4.57	4.57	4.54	76.12	76.29	75.86
Kottayam	180794	180979	180949	7.98	7.98	7.97	82.35	82.43	82.42
Idukki	206148	211402	211782	9.10	9.32	9.33	40.03	41.05	41.13
Eranakulam	180441	181409	181201	7.97	8.00	7.98	76.68	77.09	77.00
Thrissur	156310	157093	158433	6.90	6.92	6.98	52.21	52.47	52.92
Palakkad	207901	209527	212056	9.18	9.24	9.34	47.36	47.73	48.31
Malappuram	207203	206143	205316	9.15	9.09	9.04	57.04	56.75	56.53
Kozhikode	163932	163296	164195	7.24	7.20	7.23	70.26	69.98	70.37
Wayanad	117648	117032	117071	5.19	5.16	5.16	55.35	55.06	55.08
Kannur	209724	206410	205740	9.26	9.10	9.06	70.66	69.55	69.32
Kasaragod	143567	142852	142947	6.34	6.30	6.30	73.20	72.83	72.88
State	2264842	2268613	2270593	100	100	100	58.29	58.39	58.44

2.10 Area sown more than once

The estimated area under the category Area sown more than once were 802383 hectares 752611 hectares and 698409 hectares for 1995-96, 96-97 and 97-98 respectively, which is 20.65%, 19.37% and 17.97% to the total geographical area of the state. Area sown more than once is greater in Alappuzha district and less in Idukki district during 1995-96 with respect to the area of the district. The same is greater in Wayanad district and less in Kasaragod district during 1996-97 and 1997-98.

2.11 Total Cropped Area

Total cropped area is the sum of net area sown and the area sown more than once. The same for the entire state is estimated as 3067225,3021224, and 2969002 hectors respectively during 95-96,96 - 97 and 97-98. The district wise distribution of total cropped area is given in the following table.

District wise distribution of total cropped area in hectors 1995-96 to 97-98

Sl No	Name of District	Total cropped area			% of Total		
		1995-96	96-97	97-98	95-96	96-97	97-98
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	203959	195829	188707	6.65	6.48	6.36
2	Kollam	220055	226452	226537	7.18	7.50	7.63
3	Pathanamthitta	116591	116788	112099	3.80	3.86	3.77
4	Alappuzha	156279	149058	145573	5.10	4.93	4.90
5	Kottayam	221441	222585	212196	7.22	7.37	7.15
6	Idukki	231467	233345	246724	7.55	7.72	8.31
7	Eranakulam	227843	228394	224961	7.43	7.56	7.58
8	Thrissur	212622	204075	184674	6.93	6.75	6.22
9	Palakkad	357120	338831	339328	11.64	11.22	11.43
10	Malappuram	267150	262331	257505	8.71	8.68	8.67
11	Kozhikode	221674	220334	219417	7.23	7.29	7.39
12	Wayanad	196756	192635	191187	6.41	6.38	6.44
13	Kannur	276488	280241	273763	9.01	9.28	9.22
14	Kasaragod	157780	150326	146331	5.14	4.98	4.93
	State	3067225	3021224	2969002	100.00	100.00	100.00

Sl No	Name of District	% of total geographical area of the district			% to net area shown (intensity of cropping)		
		95-96	96-97	97-98	95-96	96-97	97-98
1	2	9	10	11	12	13	14
1	Thiruvananthapuram	93.30	89.58	86.33	140.27	133.55	
2	Kollam	87.38	89.92	89.95	150.99	155.40	
3	Pathanamthitta	43.38	43.46	41.71	120.86	121.26	
4	Alappuzha	114.86	109.55	106.99	150.91	143.61	
5	Kottayam	100.86	101.38	96.65	122.48	122.99	
6	Idukki	44.95	45.31	47.91	112.28	110.38	
7	Eranakulam	96.82	97.05	95.60	126.27	125.90	
8	Thrissur	71.02	68.16	61.68	136.03	129.91	
9	Palakkad	81.35	77.19	77.30	171.77	161.71	
10	Malappuram	73.55	72.22	70.89	128.93	127.26	
11	Kozhikode	95.00	94.43	94.04	135.22	134.93	
12	Wayanad	92.56	90.63	89.94	167.24	164.60	
13	Kannur	93.16	94.42	92.24	131.83	135.77	
14	Kasaragod	80.45	76.64	74.61	109.90	105.23	
	State	78.94	77.76	76.41	135.43	133.17	

Most portion of the total cropped area is in Palakkad district and less in Pathanamthitta district. As compared to the geographical area of the district, larger cropped area is in Alappuzha district followed by Kottayam district and less in Pathanamthitta district.

3.0 Area under Crops

3.1 Classification of area under crops according to seasonal annual and perennial crops

Crops are classified as seasonal, annual or perennial according to the duration of each crop. Crops which are harvested during the period of four months in this season are defined as the seasonal crops of the respective season. The crops which have a duration of more than one season and less than one year are called annual crops and crops standing for more than an year will be treated as perennial crops. The district wise distribution of area under crops classified in to seasonal, annual and perennial is furnished in the table given below.

District wise distribution of area under Seasonal, Annual and Perennial crops - 95-96 (Area in hectares)

Sl. No	Name of District	Seasonal Crops			Annual crops		
		Area (hect)	% to total	% to cropped area	Area (hect)	% to total	% to cropped area
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	48961	6.60	24.00	6644	6.95	3.26
2	Kollam	59770	8.06	27.16	5274	5.52	2.40
3	Pathanamthitta	23028	3.11	19.75	4421	4.63	3.79
4	Allappuzha	58598	7.90	37.50	4387	4.59	2.81
5	Kottayam	37695	5.09	17.02	6507	6.81	2.94
6	Idukki	23870	3.22	10.31	7015	7.34	3.03
7	Eranakulam	69570	9.38	30.54	9526	9.96	4.18
8	Trissur	67997	9.17	31.98	7911	8.28	3.72
9	Palakkad	208276	28.09	58.32	14834	15.52	4.15
10	Malappuram	522423	7.07	19.63	10153	10.62	3.80
11	Kozhikode	16418	2.22	7.41	4394	4.60	1.98
12	Wynad	31833	4.29	16.18	5042	5.27	2.56
13	Kannur	27389	3.70	9.91	6167	6.45	2.23
14	Kasaragod	15560	2.10	9.86	3310	3.46	2.10
STATE		741388	100	24.17	95585	100	3.12

(contd.)

**District wise distribution of area under Seasonal, Annual and Perennial crops -
95-96 (Area in hectares)**

District	Perennial crops			Total cropped area
	Area(hect)	% to total	% to cropped area of district	
I	9	10	11	12
Thiruvananthapuram	148354	6.65	72.73	203959
Kollam	155011	6.95	70.44	220055
Pathanam-thitta	89142	4.00	76.46	116591
Alappuzha	93294	4.18	59.69	156279
Kottayam	177239	7.95	80.04	221441
Idukki	200582	8.99	86.66	231467
Eranakulam	148747	6.67	65.28	227843
Thrissur	136714	6.13	64.30	212622
Palakkad	134010	6.01	37.53	357120
Malappuram	204567	9.17	76.57	267150
Kozhikode	200869	9.01	90.61	221674
Wayanad	159881	7.17	81.26	196756
Kannur	242932	10.89	87.86	276488
Kasaragod	138910	6.23	88.04	157780
State	2230252	100.00	72.71	3067225

PART - II

2.1 Classification of area according to utilisation

Sl No	Head of Classification	1995-96		1996-97		1997-98	
		Area in Sq. km	% to total	Area in Sq. km	% to total	Area in Sq. km	% to total
1	2	3	4	5	6	7	8
1	Total area according to village papers	38855	100.00	38855	100.00	38855	100.00
2	Forest	10815	27.83	10815	27.83	10815	27.83
3	Land put to non-agricultural uses	3131	8.06	3179	8.18	3203	8.24
4	Barren and uncultivable land	432	1.11	410	1.06	389	1.00
5	Permanent pastures and other grazing land	12	0.03	9	0.02	8	0.02
6	Land under miscellaneous tree crops	269	0.69	233	0.60	220	0.57
7	Cultivable waste	744	1.91	674	1.73	651	1.68
8	Current fallow	513	1.32	555	1.43	585	1.51
9	Fallow other than current fallow	291	0.75	293	0.75	277	0.71
10	Net area sown	22648	58.29	22686	58.39	22706	58.44
11	Area sown more than once	8024	20.65	7526	19.37	6984	17.97
12	Total Cropped area	30672	78.94	30212	77.76	29690	76.41
13	Total Cultivated area	23452	60.36	23535	60.57	23569	60.66
	Total Cultivable area	24465	62.96	24442	62.91	24440	62.90

2.2 Area under crops in Kerala (1995-96, 96-97 and 97-98)

Class of Crops	Sl. No.	Name of Crops	Area in hectares			% of Change with reference to previous year	
			1995-96	1996-97	1997-98	1996-97	197-98
1	2	3	4	5	6	7	8
Cereals and Millets	1	Paddy	471150	430826	387122	-8.56	-10.14
	2	Jowar	5454	4110	2881	-24.64	-29.90
	3	Ragi	2025	1425	2362	-29.63	65.75
	4	Other cereals and Millets	3173	2637	2568	-16.89	-2.62
			Total cereals and Millets	481802	438998	394933	-8.88
Pulses	5	Pulses including Tur	20990	18299	15078	-12.82	-17.60
Sugar Crops	6	Sugar cane	5623	5630	5805	+0.12	+3.11
	7	Palmyrah	8646	8170	7220	-5.51	-11.63
			Total Sugar crops	14269	13800	13025	-3.29
Spices and Condiments	8	Pepper	191596	182887	180370	-4.55	-1.38
	9	Chilies	495	609	417	+23.03	-31.53
	10	Ginger	12925	13199	12352	+2.12	-6.42
	11	Turmeric	3968	4053	3586	+2.14	-11.52
	12	Cardamom	44248	41268	40867	-6.73	-9.7
	13	Arecanut	70899	76066	73351	+7.29	-3.57
	14	Tamarind	16620	18429	18190	+10.88	-1.30
	15	Cloves	732	875	823	+19.54	-5.94
	16	Nutmeg	4675	5741	5902	+22.80	+2.80
	17	Cinnamon	306	394	297	+28.76	+24.62
	18	Garlic	1173	443	637	-62.23	+43.79
		Total Spices and Condiments	347637	357764	349817	+2.91	-2.22
Fresh fruits	19	Jack	79186	86365	86174	+9.07	-0.22
	20	Mango	81874	84644	84537	+3.38	-0.13
	21	Banana	26267	28855	31001	+9.85	+7.44
	22	Other Plantain	46594	49224	49639	+5.64	+0.84
	23	Pineapple	7490	8580	9080	-14.55	+5.83
	24	Pappaya	13243	14028	12995	+5.93	-7.36
	25	Other fresh fruits	8955	11600	13585	+29.54	+17.11
			Total fresh fruits	263609	283296	287011	+7.47
Dry fruits	26	Cashew nuts	103284	97089	94689	-6.00	-2.47
			Total fruits	366893	380385	381700	+3.68

1	2	3	4	5	6	7	8
Vegetables	27	Drum Stick	21452	20720	19838	-3.41	-4.26
	28	Tubers	33098	29585	28906	-10.61	-2.30
	29	Sweet Potato	1798	1771	1405	-1.50	-20.67
	30	Tapioca	113601	120387	121389	+5.97	+0.83
	31	Bitter guard	4284	1866	2455	-56.44	+31.56
	32	Snake guard	1045	654	848	-37.42	+29.66
	33	Ladies finger	1666	1369	1030	-17.83	-24.76
	34	Brinjal	881	952	860	+8.06	-9.66
	35	Amaranths	3270	2586	1531	-20.92	-40.80
	36	Other Vegetables	17616	17243	17415	-2.12	+0.10
	37	Thuvara	7922	5286	6612	-33.27	+25.09
	38	Muthira	3169	684	2074	-78.42	+203.22
		Total Vegetable	209802	203103	204363	-3.19	+0.62
Oil seeds	39	Ground nut	12994	11292	10032	-13.10	-11.16
	40	Sesamum	6255	5204	4211	-16.80	-19.08
	41	Coconut	914370	902104	884344	-1.34	-1.97
	42	Others	1623	1680	2176	+3.51	+29.52
		Total	935242	920280	900763	-1.60	-2.12
Fibre	43	Cotton	10661	11693	14551	+9.68	+24.44
Drugs and Narcotics	44	Betal leaves	965	1088	822	+12.75	-24.45
	45	Tobacco	152	103	93	-32.24	-9.71
	46	Lemon grass	1693	1639	1209	-3.19	-26.24
		Total	13471	14523	16675	+7.81	+14.82
Plantation Crops	47	Tea	34605	34602	34665	-0.009	+0.18
	48	Coffee	82348	83014	83014	+0.81	+0.00
	49	Rubber	448988	455566	465282	+1.47	+2.13
	50	Cocoa	7862	8364	8525	+6.39	+1.92
		Total	573803	581546	591486	+1.35	+1.71
Other non-food Crops	51	Fodder grass	1842	1967	2024	+6.79	+2.90
	52	Green manure crops	16375	15547	16907	-5.06	+8.75
	53	Other non-food crops	85013	88790	95232	+4.44	+7.26
	54	Kacholam	86	22	24	-74.42	+9.09
		Total	103316	106326	114187	+2.91	+7.39
	55	Total Cropped Area	3067225	3021224	2969002	+1.50	-1.73
	56	Area sown more than once	802383	752611	698409	-6.20	-7.20
	57	Net area sown	2264842	2268613	2270593	+0.17	+0.09

2.3 Production of important Crops for 1995-96, 96-97 and 97-98

Sl. No	Name of Crop	Unit	Quantity Produced			% of Variation W.r. to Previous year	
			1995-96	1996-97	1997-98	1996-97	1997-98
1	2	3	4	5	6	7	8
1	Rice	Tonnes	953026	871361	764610	-8.57	-12.25
2	Jowar	"	2776	2092	1466	-24.64	-29.92
3	Ragi	"	1638	1153	1909	-29.61	+65.57
4	Other cereals	"	2463	2049	1996	-16.81	-2.59
5	Sugar cane	"	28313	40743	42227	+43.90	+3.64
6	Black pepper	"	68568	56546	46040	-17.53	-18.58
7	Dry chillies	"	495	617	406	+24.65	-34.20
8	Pulses	"	14994	13674	11668	-8.80	-14.67
9	Cured Ginger	"	46455	46371	43617	-0.18	-5.94
10	Cured Turmeric	"	9559	9840	8585	+2.94	-12.75
11	Ground nut	"	9663	8394	7458	-13.13	-11.15
12	Arecanut (Betal nuts)	"		85829	87038	+	+1.41
13	Tamarind	"	23032	29456	28616	+27.89	-2.85
14	Mango	"	325083	249679	246042	-23.20	-1.45
15	Jack	Million Nuts	289	281	281	-2.77	0
16	Banana	Tonnes	362917	403673	436717	+11.23	+8.19
17	Other plantain	"	229493	338871	356622	+47.66	+5.24
18	Pine apple	"	63800	57316	55837	-10.16	-2.58
19	Tapioca	"	2500113	2691118	2741696	+7.64	+1.88
20	Sweet potato	"	21775	20101	15491	-7.69	-22.93
21	Pappaya	"	57479	61500	56976	+7.0	-7.36
22	Drum stick	"	23120	22356	21162	-3.30	-5.34
23	Sesamum	"	2131	1807	1389	-15.20	-23.13
24	Coconut	Million Nuts	5155	5276	5210	+2.35	-1.25
25	Cotton	Tonnes	17206	18872	23485	+9.68	+24.44
26	Nutmeg	"	1420	1434	1482	+0.99	+3.35
27	Tobacco	"	285	574	518	+101.40	-9.76
28	Lemon grass	"	94	97	64	+3.19	-34.03
29	Tea	"	64802	69319	65225	+6.97	-5.91
30	Coffee	"	45000	47320	50659	+5.16	+7.06
31	Rubber	"	474555	512756	541935	+8.05	+5.69
32	Cocoa	"	4319	3537	3794	-18.11	+7.27
33	Processed Cardamom	"	5380	4550	5290	-15.43	+16.26
34	Raw cashew nuts	"	82760	68963	56885	-16.67	-17.51
35	Betal leaves	"		194667	144530		-25.76
36	Clove (dry)	"		58	54		-6.90
37	Garlic	"		7531	10829		+43.79

2.4 Average Farm (harvest) prices of Important agricultural Commodity

Sl. No.	Commodity	Unit	Average farm price			% of change with respect to previous year	
			1995-96	1996-97	1997-98	1996-97	1997-98
1	2	3	4	5	6	7	8
1	Paddy	Qtl.	528.23	607.36	606.15	+14.98	-0.20
2	Cocounut	00'Nos.	362.84	480.29	442.78	+32.37	-7.81
3	Arecanut	00'Nos.	39.34	42.90	43.69	+9.05	+1.84
4	Tapioca	Qtl.	260.83	300.05	297.02	+15.04	-1.01
5	Banana	00'Nos.	134.08	160.78	147.51	+19.91	-8.25
6	Pepper	Qtl.	6887.49	8773.38	17440.13	+27.38	+98.78
7	Ginger	Qtl.	5182.06	4066.61	4662.07	-21.53	+14.64
8	Sugarcane	M.T	517.64	545.83	584.58	+5.45	+7.10
9	Cashew nut	Qtl.	2878.03	2730.29	2848.34	-5.13	+4.32

2.5 Sowing harvesting and peak marketing seasons of principal crops in Kerala

Sl. No	Name of Crop	Name of Season	Period of Sowing	Period of flowering	Period of harvesting	Period of peak Marketing
1	2	3	4	5	6	7
1	Rice	Autumn	April - July	July - October	August - October	September - November
		Winter	August - November	October - January	November - January	December - March
		Summer	October - December	January - March	March - May	March - June
2	Ragi	I Crop	April - July	August - September	September - November	September - November
		II Crop	September - October	October - November	December - January	December - January
		III Crop	May - June	September - October	October - November	October - November
			December	January - Feb	February	
3	Small Millets	Autumn	April - July	July - November	September - November	December - January
		Summer	January - February	March	April	April
4	Red gram	Autumn	May - August	June - September	August - October	August - October
		Winter	August - November	September - November	October - January	December - January
		Summer	Feb - March	May	May	June
5	Horsegram	Autumn	February - April	March - April	April - June	May - June
		Winter	September - November	October - November	November - January	November - February
		Summer	December - February	January - April	April	April
6	Green gram	Autumn	June - August	August - September	August - September	September - December
		Winter	October	November	November - December	November - December
		Summer	September - October	October - November	November - December	December - January
7	Black gram	Winter	March - June	July - August	June - September	September - October
		Summer	September - October	October - November	November - December	December - January
8	Other	Autumn	April - July	July - August	July - September	September - October
		Winter	September - December	October - December	November - February	December - March
		Summer	December - March	January - April	February - June	April
9	Sugar cane	Autumn	October - February	-	October - December	November - December
		Winter	November - March	-	December - February	January - February
		Summer	June - October	September - October	October - January	January

1	2	3	4	5	6	7
10	Ginger	Autumn	March – July	-	November – February	December – February
		Winter	March – June	-	December – February	December – March
11	Pepper	Winter	June – August	July – October	November – February	November – March
		Summer	July	July – September	January – April	March – May
12	Cotton	Winter	June – October	November – December	December – March	February – March
13	Sesamum	Autumn	April – August	July – September	August – October	July – October
		Winter	August – October	October – December	December – April	December – February
		Summer	December – February	February – April	March – May	March – May
14	Sweet potato	Autumn	April – July	-	September – November	November – February
		Winter	October – November	-	January – February	February – March
		Summer	December – March	-	March – June	April – June
15	Turmeric	-	April – July	-	November – February	November – March
16	Lemon grass	-	May – June	-	January – February	January – February
					April – May	April – May
17	Tapioca	Autumn	July – October	-	July – August	July – September
		Winter	March – May	-	November – March	December – February
		Summer	June – October	-	March – July	March – July
			October – November	-	April – May	
18	Mango	-	-	December	April – May	April – May
					September	September
19	Arecanut	-	-	June	July – September	August – September
20	Tubers	Autumn	February – March	-	July – September	August – September
		Winter	March – April	-	November – January	December – January
21	Banana	Autumn	August – September	April – May	July – August	July – August
		Winter	December – January	August – October	November – January	December – January
22	Tobacco	Winter	November – December	-	March – April	May – June

PART - III

3.1 Normal Rainfall in Kerala (Based on data upto 1970)

In mm

Sl. No	District	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Thiruvananthapuram	21	19	45	120	225	421	330	210	213	335	194	70	2203
2	Kollam	25	31	75	166	242	487	428	273	218	340	216	60	2561
3	Pathanamthitta	28	41	99	202	306	585	550	372	272	374	243	62	3134
4	Alappuzha	26	27	57	132	316	635	545	335	273	334	224	62	2966
5	Kottayam	24	24	52	125	310	698	640	400	284	331	188	55	3131
6	Idukki	20	25	54	144	249	657	822	526	311	335	182	52	3377
7	Eranakulam	15	17	41	133	314	741	726	460	289	319	175	45	3275
8	Thrissur	7	10	27	86	386	767	764	453	271	303	156	33	3263
9	Palakkad	8	9	27	87	161	500	647	355	172	252	145	28	239
10	Malappuram	6	7	21	86	221	688	797	399	204	291	157	30	2907
11	Kozhikode	9	7	21	93	298	925	1034	547	257	284	157	36	3668
12	Wayanad	7	9	24	99	183	762	1261	645	252	226	98	24	3590
13	Kannur	3	4	8	64	244	891	1084	569	249	226	98	24	3464
14	Kasaragod	5	3	9	51	226	1004	1081	610	269	210	91	23	3582
	State Average	15	17	40	107	113	697	764	455	269	297	166	43	3108

3.2 District-wise Monthly Rainfall in mm for 1995

Sl. No.	District	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Thiruvananthapuram	14.3	3.4	34.3	146.3	320.5	215.0	164.8	98.8	118.4	208.7	220.2	1.4
2	Kollam	77.9	23.4	153.5	217.5	405.2	356.7	460.0	383.5	264.6	30.8.2	317.5	0.0
3	Pathanamthitta	0.0	30.0	49.7	282.6	374.2	425.4	553.7	493.7	303.6	252.9	263.0	0.0
4	Alappuzha	11.8	19.5	85.4	186.9	325.6	503.1	526.1	392.6	354.8	216.4	161.0	0.0
5	Kottayam	3.4	0.0	96.3	217.8	490.9	540.8	624.2	563.6	395.1	233.7	188.5	0.0
6	Idukki	30.5	9.8	66.0	209.6	410.5	566.3	718.5	659.3	478.5	178.9	226.9	0.0
7	Eranakulam	8.7	6.6	69.6	156.0	471.6	615.5	764.4	570.3	358.7	331.6	239.7	0.0
8	Thrissur	0.1	0.0	11.3	114.0	504.0	654.9	834.4	518.0	304.6	196.1	124.8	0.0
9	Palakkad	1.6	0.4	11.3	61.8	166.7	357.2	588.6	277.6	242.3	103.2	156.5	0.0
10	Malappuram	0.8	2.6	0.0	102.6	417.7	523.5	687.8	422.6	273.4	191.2	191.4	0.0
11	Kozhikode	2.3	0.2	0.0	133.0	250.8	761.8	1062.4	618.5	282.6	207.4	122.8	0.0
12	Wayanad	0.8	4.5	0.9	197.7	227.2	431.1	789.6	469.2	329.4	145.9	107.0	0.0
13	Kannur	1.6	0.0	0.0	35.2	268.2	614.3	957.7	446.6	165.0	164.1	122.3	0.0
14	Kasaragod	0.4	0.0	0.0	73.1	246.3	878.9	1345.6	500.1	235.0	176.0	86.7	0.0

3.3 District-wise Monthly Rainfall in mm for 1996

Sl. No.	District	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
		3	4	5	6	7	8	9	10	11	12	13	14
1	Thiruvananthapuram	23.1	13.4	8.5	150.1	38.4	317.8	214.9	122.4	145.3	337.3	110.9	95.0
2	Kollam	23.1	27.8	51.7	146.9	73.5	395.7	449.2	259.1	273.1	412.2	175.6	74.9
3	Pathanamthitta	35.5	30.5	18.5	300.2	94.2	526.5	530.3	336.0	243.7	414.5	202.7	108.3
4	Alappuzha	32.7	2.6	4.3	151.4	82.0	463.6	470.0	226.4	323.8	240.3	180.6	70.8
5	Kottayam	9.4	7.4	3.6	107.8	73.9	448.0	605.6	293.5	393.1	332.4	176.5	96.1
6	Idukki	18.4	29.3	13.3	215.1	89.9	711.3	1025.1	478.8	616.7	369.5	120.0	142.9
7	Eranakulam	23.2	2.4	0.6	129.1	52.7	616.0	780.1	422.2	568.5	326.6	117.9	171.9
8	Thrissur	2.3	0.8	8.0	119.9	62.5	487.3	650.5	305.4	417.2	213.3	29.5	65.5
9	Palakkad	0.7	0.0	16.2	166.5	65.0	309.7	515.7	234.0	261.1	247.3	35.2	39.7
10	Malappuram	0.0	0.0	36.7	121.8	99.9	532.4	580.8	303.1	310.9	346.9	41.6	78.5
11	Kozhikode	0.0	0.0	24.2	56.4	73.0	781.3	940.9	353.8	342.7	304.3	51.6	64.9
12	Wayanad	6.4	0.0	3.2	94.2	94.8	695.2	766.8	352.0	248.6	342.4	19.6	120.3
13	Kannur	0.0	0.0	0.1	41.9	63.9	1020.6	965.4	529.7	263.7	296.4	70.5	63.6
14	Kasaragod	1.1	3.0	0.0	79.8	30.5	984.2	1024.2	502.5	202.5	305.2	28.2	45.5

3.4 District-wise Monthly Rainfall in mm for 1997

Sl. No.	District	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Thiruvananthapuram	2.9	10.1	17.8	63.1	124.6	265.2	221.4	122.3	396.5	227.6	298.3	112.9
2	Kollam	1.3	4.6	75.6	155.4	229.9	344.1	431.2	268.5	308.2	432.2	275.1	110.4
3	Pathanamthitta	0.0	13.4	87.8	80.3	246.2	264.5	654.4	400.0	417.2	456.0	372.6	106.3
4	Alappuzha	2.1	2.7	67.2	94.7	156.7	463.8	702.7	425.4	481.3	362.9	256.0	161.8
5	Kottayam	1.0	0.0	41.9	113.8	206.3	466.4	705.3	462.3	359.8	369.1	293.8	127.1
6	Idukki	3.9	0.0	59.3	146.1	175.9	393.0	1111.8	713.8	359.8	357.4	421.2	142.6
7	Eranakulam	5.8	1.0	48.0	86.3	130.1	550.6	942.6	471.9	421.4	329.0	383.8	144.2
8	Thrissur	0.0	0.0	0.7	6.9	84.0	693.9	946.1	547.2	315.0	213.9	216.4	71.4
9	Palakkad	0.0	14.1	36.8	30.8	125.1	338.3	813.1	378.7	152.1	215.9	282.5	26.7
10	Malappuram	3.5	0.0	19.6	29.0	111.8	569.0	1173.4	575.7	244.4	317.4	363.9	52.4
11	Kozhikode	1.6	0.0	9.5	1.0	67.1	1084.3	1495.7	733.0	159.0	207.4	238.3	62.7
12	Wayanad	7.0	7.3	46.3	58.7	156.1	428.5	873.3	571.9	174.5	267.6	195.7	53.1
13	Kannur	0.1	0.0	8.0	9.9	45.6	923.0	1571.1	799.5	156.3	134.7	259.8	68.9
14	Kasaragod	0.0	0.0	6.1	4.3	16.5	929.6	1545.1	815.4	128.3	92.6	127.9	57.5

3.5 Classification of Area Under Land Utilisation 95-96 (Area in hectares)

Name of District	Total Geographical	Forest	Land put to non-agricultural use	Barren & uncultivable land	Permanent pastures and other grazing land	Land under misc. Tree crops	Cultivable waste	Fallow other than current fallow	Current fallow	Net Area sown	Area sown more than once	Total cropped area
1	2	3	4	5	6	7	8	9	10	11	12	13
Thiruvananthapuram	218600	49861	20851	679	18	96	584	463	647	145401	58558	203959
Kollam	251838	81438	21614	391	11	144	379	705	1414	145742	74313	220055
Pathanamthitta	268750	155214	13894	461	1	99	415	528	1668	96470	20121	116591
Alappuzha	136058	-	22878	171	6	140	3004	1760	4538	103561	52718	156279
Kottayam	219550	8141	22144	2019	22	128	994	2117	3191	180794	40647	221441
Idukki	514962	260907	14542	9391	439	7424	13491	768	1852	206148	25319	231467
Ernakulam	235319	8123	35272	1956	49	848	3489	2423	2718	180441	47402	227843
Thrissur	299390	103619	26885	799	59	606	2552	2725	5835	156310	56312	212622
Palakkad	438980	136257	39520	6902	91	5743	20660	8683	13223	207901	149219	357120
Malappuram	363230	103417	25314	4218	89	1657	9462	3717	8153	207203	59947	267150
Kozhikode	233330	41386	22032	1295	39	1283	778	867	1718	163932	57742	221674
Wayanad	212560	78787	8156	805	83	1638	2406	1044	1993	117648	79108	196756
Kannur	296797	48734	23099	4675	128	3501	3998	1240	1701	209724	66764	276488
Kasaragod	196133	5625	16930	9395	135	3545	12170	2103	2663	143567	14213	157780
State	3885497	1081509	313131	43154	1170	26852	74382	29143	51314	2264842	802383	3067225

The estimates are based on survey conducted in the revenue land (as per village Records). Therefore the area under cultivation in forestland is not included.

Table 3.6 – Classification of Area Under Land Utilisation 96-97 (Area in hectares)

Sl No	District	Total Geographical area	Forest	Land put to non agricultural use	Barren & uncultivable land	Permenent pastures and other gazing land	Land under misc. tree crops	Culti-vable waste	Fallow other than current fallow	Current fallow	Net area sown	Area sown more than once	Total cropped area
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Thiruvananthapuram	218600	49861	19716	618	19	90	409	426	828	146633	49196	195829
2	Kollam	251838	81438	21124	293	10	124	543	951	1629	145726	80726	226452
3	Pathanamthitta	268750	155214	14007	426	1	86	292	487	1922	96315	20473	116788
4	Alappuzha	136058	-	22412	149	3	176	3317	1779	4426	103796	45262	149058
5	Kottayam	219550	8141	22109	1811	20	78	1116	1824	3472	180979	41606	222585
6	Idukki	514962	260907	14321	8572	365	6020	10805	658	1912	211402	21943	233345
7	Eranakulam	235319	8123	34494	1526	39	550	2976	2758	3444	181409	46985	228394
8	Thrissur	299390	103619	25787	710	46	749	2292	3053	6041	157093	46982	204075
9	Palakkad	438980	136257	41514	6223	62	4810	18239	8990	13358	209527	129304	338831
10	Malappuram	363230	103417	27427	3927	59	1496	8538	3296	8927	206143	56188	262331
11	Kozhikode	233330	41386	22908	1424	32	1007	800	638	1839	163296	57038	220334
12	Wayanad	212560	78787	9123	772	66	1428	2293	839	2220	117032	75603	192635
13	Kannur	296797	48734	26299	4466	107	2923	3959	1348	2551	206410	73831	280241
14	Kasaragod	196133	5625	16630	10113	102	3719	11834	2295	2963	142852	7474	150326
	State	3885497	1081509	317871	41030	931	23256	67413	29342	55532	2268613	752611	3021224

The estimates are based on survey conducted in the Revenue land (as per Village Records). Therefore the area under cultivation in forest land is not included.

Table 3.7 – Classification of area under land utilization

Sl No	District	Total Geographical area	Forest	Land put to non agricultural use	Barren & uncultivable land	Permanent pastures and other grazing land	Land under misc. tree crops	Cultivable waste	Fallow other than current fallow	Current fallow	Net area sown	Area sown more than once	(Area in hectares)	
													Total cropped area	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Thiruvananthapuram	218600	49861	20002	631	16	100	428	356	734	146472	42235	188707	
2	Kollam	251838	81438	21045	298	12	115	548	759	1790	145833	80704	226537	
3	Pathanamthitta	268750	155214	14759	490	1	89	290	423	2098	95386	16713	112099	
4	Alappuzha	136058	--	22777	180	4	203	3009	1770	4903	103212	42361	145573	
5	Kottayam	219550	8141	22005	1736	18	97	1401	1613	3590	180949	31247	212196	
6	Idukki	514962	260907	14383	8772	319	6163	10208	634	1794	211782	34942	246724	
7	Ernakulam	235319	8123	33681	1386	31	527	3435	2768	4167	181201	43760	224961	
8	Thrissur	299390	103619	24624	574	53	699	2007	2568	6813	158433	26241	184674	
9	Palakkad	438980	136257	43037	5582	53	4258	16437	8703	12597	212056	127272	339328	
10	Malappuram	363230	103417	28577	3459	40	1348	7670	3234	10169	205316	52189	257505	
11	Kozhikode	233330	41386	21587	1599	29	826	833	767	2108	164195	55222	219417	
12	Wayanad	212560	78787	9649	612	42	1490	2311	740	1858	117071	74116	191187	
13	Kannur	296797	48734	26984	4270	118	2800	3993	1448	2710	205740	68023	273763	
14	Kasaragod	196133	5625	17197	9345	89	3313	12502	1947	3168	142947	3384	146331	
	State	3885497	1081509	320307	38934	825	22028	65072	27730	58499	2270593	698409	2969002	

The estimates are based on survey conducted in the Revenue land (as per Village Records). Therefore the area under cultivation in forestland is not included.

3.8 Area under Crops 1995-96 (Area in hectares)

Name of District	Paddy				Total	Jowar	Ragi	Other Cereals	Total Cereals/ Millets	Pulses including tur			Total	Total food
	Autumn	Winter	Summer	Total						Autumn	Winter	Summer		
	2	3	4	5						6	7	8		
1. Thiruvananthapuram	8543	8404	39	16986	-	26	34	17046	33	41	2462	2536	19582	
2. Kollam	10517	12710	25	23252	-	-	28	23280	169	70	1031	1270	24550	
3. Pathanamthitta	2760	4198	3902	10860	-	-	26	10886	24	26	93	143	11029	
4. Alappuzha	13038	20096	10998	44132	-	-	34	44166	28	34	121	183	44349	
5. Kottayam	7761	8599	8518	24878	-	-	-	24878	8	9	1563	1580	26458	
6. Idukki	1750	2910	-	4660	-	110	146	4916	1	1	1448	1450	6366	
7. Ernakulam	21548	22256	12729	56533	-	-	-	56533	169	143	1917	2229	58762	
8. Thrissur	20064	28264	10375	58703	-	-	25	58728	334	324	89	747	59475	
9. Palakkad	68438	63302	3890	135630	5445	1888	2853	145816	2318	5213	142	7673	153489	
10. Malappuram	13583	20889	3447	37919	-	1	8	37928	32	106	257	395	38323	
11. Kozhikode	1334	6195	1220	8749	-	-	-	8749	139	28	533	700	9449	
12. Wayanad	0	16284	4104	20388	4	-	-	20392	-	7	333	340	20732	
13. Kannur	10492	6041	268	16801	1	-	12	16814	400	171	863	1434	18248	
14. Kasaragod	6848	4495	316	11659	4	-	7	11670	8	203	99	310	11980	
State	186676	224643	59831	471150	5454	2025	3173	481802	3663	6376	10951	20990	502792	

(3.8 contd.)

Name of District	Sugar crops			Spices and condiments												Spices and condiments
	Sugar-cane	Palmy-rah	Total	Pepper	Chili es	Ginger	Tur-meric	Carda-mom	Areca nut	Tama-rihd	cloves	Nut-meg	Cinna-mon	total	Garlic	
1	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Thiruvananthapuram	2	203	205	5959	-	104	31	174	938	1234	94	71	8	8613	-	8613
Kollam	-	10	10	9130	-	363	107	-	1839	1080	52	65	8	12644	-	12644
Pathanamthitta	486	35	521	4718	-	594	97	913	1068	255	96	212	10	7963	-	7963
Alappuzha	286	56	342	1982	-	204	18	-	1818	423	33	98	15	4591	-	4591
Kottayam	233	384	617	7687	-	332	241	345	1035	305	124	392	26	10487	-	10487
Idukki	2450	194	2644	45011	-	1973	618	32547	2157	198	109	385	37	83035	1173	84208
Eranakulam	33	214	247	7010	-	1152	734	-	2714	705	59	1975	25	14374	-	14374
Thrissur	-	465	465	5222	-	232	163	-	6346	1626	71	1094	10	14764	-	14764
Palakkad	2115	4770	6885	3460	227	1239	645	3685	3235	5769	3	27	52	18342	-	18342
Malappuram	2	1269	1271	8319	3	164	189	70	14209	2175	11	136	16	25292	-	25292
Kozhikode	-	374	374	11976	7	390	486	1194	8986	1047	38	104	22	24250	-	24250
Wayanad	-	317	317	43039	-	5391	183	4350	3004	147	10	19	15	56158	-	56158
Kannur	3	213	216	31458	40	617	402	130	11166	1386	18	74	54	45345	-	45345
Kasaragod	13	142	155	6625	218	170	54	840	12384	270	14	23	8	20606	-	20606
State	5623	8646	14269	191596	495	12925	3968	44248	70899	16620	732	4675	306	346464	1173	347637

(3.8 contd.)

Name of District	Jack	Fresh fruits								Dry fruit		Vegetables		
		Mango	Banana	Other plantain	Pine apple	Papaya	Other fresh fruit	Total	Cashew nut	Total fruits	Drumstick	Tubers	Sweet potato	
1	31	32	33	34	35	36	37	38	39	40	41	42	43	
Thiruvananthapuram	5821	5335	1094	5064	244	759	823	19140	2769	21909	2790	2730	87	
Kollam	6546	6559	989	1057	165	903	456	19675	6179	25854	1835	7087	17	
Pathanamthitta	2526	1449	1308	2291	219	490	532	8815	1323	10138	621	3335	3	
Alappuzha	2459	4499	410	3422	120	800	744	12454	6194	18648	1045	4324	7	
Kottayam	3631	2317	1565	3680	625	710	451	12979	696	13675	914	1179	3	
Idukki	3855	2035	917	2493	958	497	387	11142	744	11886	661	1590	7	
Ernakulam	4355	4321	2529	3378	3328	1146	576	19633	1738	21371	1042	1357	-	
Thrissur	4059	6411	2128	4974	324	1212	1005	20113	4965	25078	1165	1014	12	
Palakkad	4464	7609	4413	3409	126	1135	787	21943	6303	28246	1669	3146	1055	
Malappuram	6929	8922	4738	3276	292	1703	1019	26879	11706	38585	3332	1789	260	
Kozhikode	11212	11057	1143	2587	272	1847	791	28909	4371	33280	3422	1473	22	
Wayanad	8759	4884	2790	1869	66	338	482	19188	798	19986	604	2421	-	
Kannur	12029	13515	1614	3696	635	1362	537	33388	30938	64326	1883	1461	50	
Kasaragod	2541	2961	629	2398	116	341	365	9351	24568	33911	469	192	275	
State	79186	81874	26267	46594	7490	13243	8955	263609	103284	366893	21452	33098	1798	

(3.8 contd.)

Name of District	Vegetables									
	Tapioca			Total	Better guard	Snake guard	Ladies finger	Brinjal	Amara	Other vegetables
	Autumn	Winter	Summer							
1	44	45	46	47	48	49	50	51	52	53
Thiruvananthapuram	8497	11336	5366	25199	107	122	122	57	116	635
Kollam	4266	19676	755	24697	422	42	180	169	501	441
Pathanamthitta	944	5674	590	7208	83	18	50	27	38	482
Alappuzha	995	5147	429	6571	133	72	18	62	183	661
Kottayam	1486	6025	226	7737	288	111	10	5	7	1250
Idukki	1010	5833	379	7222	1511	4	44	32	40	3176
Ernakulam	1448	2285	842	4575	169	186	29	25	497	1196
Thrissur	790	1258	484	2532	437	125	582	260	1140	1676
Palakkad	1887	5908	1170	8965	479	88	409	171	55	2542
Malappuram	2324	3343	2048	7715	261	15	5	3	13	1961
Kozhikode	1485	1592	258	3335	67	1	83	11	465	577
Wayanad	394	618	562	1574	142	63	32	26	161	1015
Kannur	2398	2017	371	4786	180	195	93	29	45	1062
Kasaragod	262	1104	119	1485	5	3	9	4	9	942
State	28186	71816	13599	113601	4284	1045	1666	881	3270	17616

(3.8 contd.)

Name of District	Vegetables			Total food crops	Non Food Crops									
	Thuvara	Muthira	Total vegetable		Oil Seeds			Fibre cotton	Drugs & Narcotics					
					Ground-nut	Sesamum	Coconut		Others	Total	Betel leaves	Tobacco	Lemon-grass	Total
I	54	55	56	57	58	59	60	61	62	63	64	65	66	67
Thiruvananthapuram	-	-	31965	82274	9	1	91667	59	91736	-	37	-	1	38
Kollam	-	-	35391	98449	2	1082	81034	110	82228	-	53	-	1	54
Pathanamthitta	-	-	11865	41516	-	37	23712	27	23776	-	82	-	-	82
Alappuzha	-	-	13076	81006	2	1878	67030	116	69026	-	93	-	-	93
Kottayam	-	-	11504	62741	-	54	40333	20	40407	-	20	-	-	20
Idukki	12	-	14299	119403	-	70	17510	32	17612	-	3	-	940	943
Ernakulam	-	-	9076	103830	-	814	62502	74	63390	-	44	-	9	53
Thrissur	-	-	8943	108725	-	204	85138	145	85487	-	20	-	6	26
Palakkad	7906	3151	29636	236598	12981	410	48336	657	62384	10661	1	-	19	10681
Malappuram	-	2	15356	118827	-	1588	106696	132	108416	-	576	-	18	594
Kozhikode	-	-	9456	76809	-	15	122838	37	122890	-	18	-	8	26
Wayanad	-	-	6038	103231	-	57	8400	36	8493	-	-	-	599	599
Kannur	2	10	9796	137931	-	30	98977	139	99146	-	6	-	90	96
Kasaragod	2	6	3401	70053	-	15	60197	39	60251	-	12	152	2	166
State	7922	3169	209802	1441390	12994	6255	914370	1623	935242	10661	965	152	1693	13471

(3.8 contd.)

Name of District	Non Food Crops											Total cropped area
	Plantation Crops					Non Food Crops					Total nonfood crops	
	Tea	Coffee	Rubber	Cocoa	Total	Fodder grass	Green manure crop	Other nonfood crops	Kacholam	Total (73-76)		
I	68	69	70	71	72	73	74	75	76	77	78	79
Thiruvananthapuram	965	1	25995	238	27199	125	411	2176	-	2712	121685	203959
Kollam	1258	9	35347	33	366471	192	620	1865	-	2677	121606	220055
Pathanamthitta	91	-	47063	728	47882	189	681	2465	-	3335	75075	116591
Alappuzha	-	10	3573	433	4016	145	277	1716	-	2138	75273	156279
Kottayam	1947	824	109382	1993	114346	108	231	3576	12	3927	158700	221441
Idukki	23402	11908	37240	2027	74577	415	273	18177	67	18932	112064	231467
Eranakulam	2	274	55247	1125	56648	86	278	3558	-	3922	124013	227843
Thrissur	505	32	12254	360	13151	30	680	4523	-	5233	103897	212622
Palakkad	829	2291	26031	18	29169	187	2365	15736	-	18288	120522	357120
Malappuram	174	-	26305	19	26498	13	4665	8130	-	12808	148323	267150
Kozhikode	-	-	17349	472	17821	57	1604	2467	7	4135	144865	221674
Wayanad	5432	66999	5302	130	77863	89	518	5963	-	6570	93525	196756
Kannur	-	-	28420	220	28640	147	1075	9453	-	10675	138557	276488
Kasaragod	-	-	19280	66	19346	59	2697	5208	-	7964	87727	157780
State	34605	82348	448988	7862	573803	1842	16375	85013	86	103316	1625832	3067225

Table 3.9 – Area under Crops 1996-97

District	Paddy			Total	Jowar	Ragi	Other cereals	Total cereals/ millets	Pulses including Tur			Total food grains	
	Autumn	Winter	Summer						Autumn	Winter	Summer		Total
1. Thiruvananthapuram	6959	6890	1112	13961	6	7	8	9	10	11	12	13	14
2. Kollam	9847	12375	1	22223	-	-	-	22223	452	330	1678	2460	16467
3. Pathanamthitta	2426	4262	4297	10985	-	-	-	10985	170	26	1219	1415	23638
4. Alappuzha	11204	20103	10140	41447	-	-	-	41447	25	20	64	109	11094
5. Kottayam	5065	8135	7000	20200	-	-	-	20200	36	19	211	266	41713
6. Idukki	1463	2847	789	5099	-	-	-	5099	110	133	1128	1371	21571
7. Eranakulam	21675	20982	11331	53988	-	-	-	53988	220	327	403	950	6049
8. Thrissur	15511	27553	8480	51544	-	-	-	51544	197	274	1600	2071	56059
9. Palakkad	62691	59440	6228	128359	4110	1424	2590	136483	471	82	269	822	52366
10. Malappuram	9994	18823	2281	31098	-	1	-	31099	1215	1786	2146	5147	141630
11. Kozhikode	1165	5680	1471	8316	-	-	-	8316	84	24	385	493	31592
12. Wayanad	-	13259	3819	17078	-	-	-	17078	161	74	292	527	8843
13. Kannur	9698	5475	248	15421	-	-	-	15421	10	-	374	384	17462
14. Kasaragod	6195	4485	427	11107	-	-	-	11108	28	1011	819	1858	17279
State	163893	210309	56624	430826	4110	1425	2637	438998	3188	4261	10850	18299	457297

Table 3.9 (contd.)

District	Sugar crops				Spices and condiments											Grand Total
	Sugar-cane	Palmyrah	Total	Pepper	Chillies	GINGER	Turmeric	Cardamom	Areca nut	Tamarind	Cloves	Nutmeg	Cinnamon	Total	Garlic	
1	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1. Thiruvananthapuram	3	159	162	5171	7	187	36	-	870	1432	90	55	2	7850	-	8012
2. Kollam	-	15	15	8663	-	611	197	-	1847	1226	56	57	7	12664	-	12679
3. Pathanamthitta	252	41	293	4235	1	701	100	664	1308	241	105	203	13	7571	-	7864
4. Alappuzha	201	46	247	1739	1	150	15	-	2073	506	33	137	21	4675	-	4922
5. Kottayam	160	447	607	8219	-	277	193	205	1041	561	135	472	19	11122	-	11729
6. Idukki	2762	246	3008	47712	-	1564	980	32069	2351	297	120	445	43	85581	443	89032
7. Ernakulam	12	231	243	5837	-	609	651	-	3111	801	94	2281	19	13403	-	13646
8. Thrissur	26	337	363	4343	-	210	162	-	5954	1837	77	1534	14	14131	-	14494
9. Palakkad	2200	4524	6724	4073	358	1264	495	2949	3434	5954	10	54	74	18665	-	25389
10. Malappuram	-	1302	1302	8193	-	251	220	70	14883	2524	49	174	65	26429	-	27731
11. Kozhikode	-	403	403	10302	-	106	330	220	9526	1103	40	164	26	21817	-	22220
12. Wayanad	1	191	192	39605	-	6619	236	4117	3852	198	12	13	17	54669	-	54861
13. Kannur	7	168	175	30148	93	606	384	130	13106	1508	37	116	67	46195	-	46370
14. Kasaragod	6	60	66	4647	149	44	54	844	12710	241	17	36	7	18749	-	18815
State	5630	8170	13800	182887	609	13199	4053	41268	76066	18429	875	5741	394	343521	443	357764

Table 3.9 (contd.)

Districts	Fresh fruits										Dry fruits	
	Jack	Mango	Banana	Other plantain	Pineapple	Pappaya	Other fresh fruits	Total	Cashew	Total fruits		
I	31	32	33	34	35	36	37	38	39	40		
1. Thiruvananthapuram	6411	6206	926	5100	245	785	690	20363	2411	22774		
2. Kollam	6613	6899	1092	4722	161	891	470	20848	5565	26413		
3. Pathanamthitta	2913	1792	1211	2324	186	525	600	9551	1215	10766		
4. Alappuzha	2990	5185	325	2765	133	987	825	13210	5931	19141		
5. Kottayam	4623	2841	1713	3818	549	847	541	14932	700	15632		
6. Idukki	4048	2116	1388	2998	1176	660	406	12792	1006	13798		
7. Ernakulam	4620	3829	3097	3389	4368	1087	687	21077	1254	22331		
8. Thrissur	4660	6695	2388	5451	245	1064	1315	21818	4309	26127		
9. Palakkad	5002	7977	4448	4165	176	1054	1161	23983	5749	29732		
10. Malappuram	7443	8955	5024	3365	436	1942	1174	28339	10761	39100		
11. Kozhikode	11932	10748	1350	2788	328	1823	1013	29982	3725	33707		
12. Wayanad	9775	5121	2965	1644	27	364	880	20776	1025	21801		
13. Kannur	12777	13598	2275	4186	461	1617	1408	36322	29780	66102		
14. Kasaragod	2558	2682	653	2509	89	382	430	9303	23658	32961		
State	86365	84644	28855	49224	8580	14028	11600	283296	97089	380385		

Table 3.9 (contd.)

Districts	Vegetables														Total food crops		
	Drumstick	Tubers	Sweet potato	Tapioca			Total	bitter gourd	snake gourd	ladies finger	Brinjal	Amaranth	Other vegetables	Thuvara		Muthira	Total vegetables
				Autumn	Winter	Summer											
1	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
1. Thiruvananthapuram	2914	2368	77	8186	9100	5417	22703	132	90	37	16	121	740	-	-	29198	76451
2. Kollam	1796	5838	5	3042	15496	15375	33913	138	31	241	254	821	283	0	5	43325	106055
3. Pathanamthitta	607	3301	5	1097	4879	577	6553	105	37	33	42	29	632	-	-	11344	41068
4. Alappuzha	980	3537	3	365	3018	2767	6150	118	30	26	59	176	437	0	0	11516	77292
5. Kottayam	949	1036	-	550	3965	5461	9976	262	153	36	23	15	1159	-	-	13609	62541
6. Idukki	522	1380	92	943	5747	578	7268	378	-	25	15	26	2059	31	-	11796	120675
7. Ernakulam	838	1072	9	997	1369	2734	5100	120	144	60	67	306	1047	-	-	8763	100799
8. Thrissur	1165	964	5	599	650	1309	2558	121	27	324	147	593	1539	-	2	7445	100432
9. Palakkad	1685	2525	851	1073	3831	2649	7553	119	26	313	194	44	2812	5255	657	22034	218785
10. Malappuram	2717	2337	382	2430	4062	1734	8226	110	30	85	38	26	2976	-	5	16932	115355
11. Kozhikode	3430	1243	27	468	272	1975	2715	16	1	10	1	238	417	-	-	8098	72868
12. Wayanad	691	2419	7	321	817	408	1546	124	49	60	35	49	957	-	-	5937	100061
13. Kannur	1938	1393	54	461	3973	321	4755	77	29	49	43	49	1241	-	12	9640	139391
14. Kasaragod	488	172	254	446	561	364	1371	46	7	70	18	93	944	-	3	3466	66776
State	20720	29585	1771	20978	57740	41669	120387	1866	654	1369	952	2586	17243	5286	684	203103	1398549

Table 3.9 (contd.)

District	Non food crops												TOTAL			
	Oil seeds				Total	Fibre drugs and narcotics				Plantation crops						
	Ground nut	Sesamum	Coconut	Others		Cotton	Betal leaves	Tobacco	Lemon grass	Tea	coffee	rubber		Cocoa	Total	
1	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73
1. Thiruvananthapuram	2	13	89028	53	89096	-	36	-	1	37	965	-	26473	147	27585	116718
2. Kollam	-	1013	79374	24	80411	-	58	-	5	63	1258	-	35635	59	36952	117426
3. Pathanamthitta	-	25	23346	29	23400	-	55	-	-	55	91	-	47267	971	48329	71784
4. Alappuzha	3	1574	63852	141	65570	-	56	-	1	57	-	-	3615	309	3924	69551
5. Kottayam	-	48	39603	16	39667	-	18	-	2	20	1947	1790	109878	2278	115893	155580
6. Idukki	-	66	19261	49	19376	-	15	-	987	1002	23375	9389	37377	2128	72269	92647
7. Ernakulam	-	726	65925	78	66729	-	50	-	3	53	2	-	55669	1147	56818	123600
8. Thrissur	-	235	83978	182	84395	-	42	-	18	60	523	-	12543	204	13270	97725
9. Palakkad	11260	295	46037	764	58356	11693	15	-	36	11744	829	4650	26857	30	32366	102466
10. Malappuram	-	1096	103924	152	105172	-	686	-	5	691	174	-	26959	40	27173	133036
11. Kozhikode	-	-	124584	20	124604	-	16	-	12	28	-	-	17466	512	17978	142610
12. Wayanad	-	54	8930	33	9017	-	-	-	476	476	5438	67185	5465	170	78258	87751
13. Kannur	-	21	98630	112	98763	-	22	-	85	107	-	-	30456	279	30735	129605
14. Kasaragod	27	38	55632	27	55724	-	19	103	8	130	-	-	19906	90	19996	75850
State	11292	5204	902104	1680	920280	11693	1088	103	1639	14523	34602	83014	455566	8364	581546	1516349

Table 2 (contd.)

District	Fodder grass	Green manure crops	Other non food crops	Kacholam	Total	Total non food crops	Total cropped area
I	74	75	76	77	78	79	80
1. Thiruvananthapuram	90	387	2183	0	2660	119378	195829
2. Kollam	186	598	2187	-	2971	120397	226452
3. Pathanamthitta	118	782	3036	-	3936	75720	116788
4. Alappuzha	149	230	1836	-	2215	71766	149058
5. Kottayam	126	294	4035	9	4464	160044	222585
6. Idukki	432	323	19268	-	20023	112670	233345
7. Ernakulam	78	239	3669	9	3995	127595	228394
8. Thrissur	28	793	5097	-	5918	103643	204075
9. Palakkad	268	2007	15305	-	17580	120046	338831
10. Malappuram	61	4902	8977	-	13940	146976	262331
11. Kozhikode	44	1748	3060	4	4856	147466	220334
12. Wayanad	145	407	4271	-	4823	92574	192635
13. Kannur	195	746	10304	-	11245	140850	280241
14. Kasaragod	47	2091	5562	-	7700	83550	150326
State	1967	15547	88790	22	106326	1622675	3021224

Table 3.10 – Area under Crops 1997--98

District	Paddy			Total	Jower	Ragi	Other cereals	Total cereals/ millets	Pulses including Tur			Total food grains	
	Autumn	Winter	Summer						Autumn	Winter	Summer		Total
15	16	17	18	19	20	21	22	23	24	25	26	27	28
1. Thiruvananthapuram	5799	5560	9	11368	-	-	2	11370	28	26	1108	1162	12532
2. Kollam	8968	11041	14	20023	-	-	3	20026	131	19	967	1117	21143
3. Pathanamthitta	1582	3057	3628	8267	-	-	-	8267	-	13	23	36	8303
4. Alappuzha	14099	9491	19630	43220	-	-	-	43220	-	5	153	158	43378
5. Kottayam	4713	4516	4525	13754	-	-	-	13754	57	131	1204	1392	15146
6. Idukki	1288	2491	289	4068	-	109	68	4245	12	14	624	650	4895
7. Ernakulam	16753	19114	10285	46152	-	-	-	46162	256	292	1842	2390	48542
8. Thrissur	10420	22459	8098	40977	-	-	-	40977	184	94	348	626	41603
9. Palakkad	55663	58322	6824	120809	2881	2241	2489	128420	252	663	3745	4660	133080
10. Malappuram	10438	16184	2314	28936	-	12	-	28948	131	91	197	419	29367
11. Kozhikode	938	5566	1484	7988	-	-	-	7988	149	167	171	487	8475
12. Wayanad	-	13924	4002	17926	-	-	-	17926	-	-	328	328	18254
13. Kannur	9451	5917	280	15648	-	-	-	15648	17	340	962	1319	16967
14. Kasaragod	4631	3059	296	7986	-	-	6	7992	42	106	186	334	8326
State	144743	180701	61678	387122	2881	2362	2568	394933	1259	1961	11858	15078	410011

Table 3.10 (contd.)

District	Sugar crops			Spices and condiments												Grand Total
	Sugar-cane	Palmyrah	Total	Pepper	Chillies	Ginger	Turmeric	Carda mom	Areca nut	Tamarind	Cloves	Nutmeg	Cinnamon	Total	Garlic	
1. Thiruvananthapuram	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2. Kollam	-	17	17	9026	1	658	192	-	2136	1101	62	57	4	13237	-	13254
3. Pathanamthitta	275	37	312	4253	4	471	74	664	1245	204	83	219	14	7231	-	7543
4. Alappuzha	257	33	290	1946	-	79	11	-	1858	442	29	118	20	4503	-	4793
5. Kottayam	175	354	529	7687	6	295	311	205	1050	511	114	441	17	10637	-	11166
6. Idukki	2557	249	2806	51354	-	1989	640	32007	2594	274	125	518	50	89551	637	92994
7. Ernakulam	27	283	310	6249	11	583	587	-	3593	781	117	2494	21	14436	-	14746
8. Thrissur	-	298	298	4389	74	101	90	-	5377	1852	62	1414	11	13370	-	13668
9. Palakkad	2488	3946	6434	4231	183	1198	502	2949	3623	6222	21	97	47	19073	-	25507
10. Malappuram	10	1096	1106	7817	-	171	208	70	14292	2596	38	199	21	25412	-	26518
11. Kozhikode	3	345	348	10716	-	222	465	221	8925	1191	32	130	20	21922	-	22270
12. Wayanad	7	188	195	36253	-	6035	169	4108	4305	176	10	16	17	51089	-	51284
13. Kannur	4	143	147	25617	6	361	251	128	11544	1310	42	116	48	39423	-	39570
14. Kasaragod	1	89	90	5742	126	81	46	515	12092	274	10	25	5	18916	-	19006
State	5805	7220	13025	180370	417	12352	3586	40867	73351	18190	823	5902	297	336155	637	349817

Table 3.10 (contd.)

Districts	Fresh fruits										Dry fruits	
	Jack	Mango	Banana	Other plantain	Pinapple	Pappaya	Other fresh fruits	Total	Cashew	Total fruits		
1. Thiruvananthapuram	31	32	33	34	35	36	37	38	39	40		
2. Kollam	6096	5474	1158	5864	235	708	744	20279	2184	22463		
3. Pathanamthitta	6903	6850	1251	5144	177	912	474	21711	5509	27220		
4. Alappuzha	2597	1440	1510	2067	146	484	711	8955	1188	10143		
5. Kottayam	2948	5165	319	3105	106	839	1235	13717	5304	19021		
6. Idukki	4728	2946	2009	3735	520	732	554	15224	603	15827		
7. Ernakulam	4849	2369	1502	3130	994	546	615	14005	1083	15088		
8. Thrissur	4182	3974	3849	3590	5132	1091	963	22781	1299	24080		
9. Palakkad	4215	6491	2561	4753	346	1023	1617	21006	4368	25374		
10. Malappuram	5338	8087	4115	4538	124	1106	1144	24452	5750	30202		
11. Kozhikode	7595	9283	5598	3057	459	1689	1664	29345	10596	39941		
12. Wayanad	11346	11098	1241	2940	299	1687	1121	29732	3889	33621		
13. Kannur	10058	5154	3618	1416	38	350	496	21130	1284	22414		
14. Kasaragod	12887	13557	1594	3778	389	1385	1587	35177	28640	63817		
	2432	2649	676	2522	115	443	660	9497	22992	32489		
State	86174	84537	31001	49639	9080	12995	13585	287011	94689	381700		

Table 3.10 (contd.)

Districts	Vegetables																
	Drumstick	Tubers	Sweet potato	Tapioca			Total	bitter gourd	snake gourd	ladies finger	Brinjal	Amaranth	Other vegetables	Thurara	Muthira	Total vegetables	Total food crops
				Autumn	Winter	Summer											
1	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
1. Thiruvananthapuram	2475	2229	43	6687	9750	8816	25253	107	66	16	30	98	651	-	-	30968	73461
2. Kollam	1810	6277	24	3183	14996	16289	34468	128	13	293	304	631	348	-	1	44297	105914
3. Pathanamthitta	565	3324	3	1000	4426	1179	6605	88	32	35	47	30	739	-	-	11468	37457
4. Alappuzha	780	2822	2	222	1700	2233	4155	119	39	18	35	88	662	-	-	8720	75912
5. Kottayam	813	1140	-	711	3376	3528	7615	373	239	8	9	24	722	-	-	10943	53082
6. Idukki	645	2118	36	1118	4429	1699	7246	968	1	30	34	14	3527	17	-	14636	127613
7. Ernakulam	749	1263	12	1676	1623	2834	6133	178	187	80	41	131	707	-	-	9481	96849
8. Thrissur	937	749	2	602	456	1055	2113	47	14	78	94	270	1150	2	-	5456	86101
9. Palakkad	1860	2156	764	1317	3209	2746	7272	173	147	330	190	65	2649	6593	2057	24256	213045
10. Malappuram	2368	1616	272	2593	1628	4569	8790	35	14	13	21	12	2637	-	-	15778	111604
11. Kozhikode	3621	1623	47	890	1526	1011	3427	13	-	10	2	44	725	-	-	9512	73878
12. Wayanad	760	2343	2	195	564	948	1707	91	91	31	16	29	663	-	-	5733	97685
13. Kannur	1933	1071	35	460	3112	1848	5420	105	4	55	19	59	1468	-	9	10178	130532
14. Kasaragod	522	175	163	140	563	482	1185	30	1	33	18	36	767	-	7	2937	62758
State	19838	28906	1405	20794	51358	49237	121389	2455	848	1030	860	1531	17415	6612	2074	204363	1345891

Table 3.10 (contd.)

District	Non food crops															
	Oil seeds				Total	Fibre drugs and narcotics				Plantation crops						
	Ground nut	Sesamum	Coconut	Others		Cotton	Betel leaves	Tobacco	Lemon grass	Total	Tea	coffee	rubber	Cocoa	Total	
1. Thiruvananthapuram	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73
2. Kollam	-	-	84308	83	84391	-	27	-	2	29	965	-	26999	161	28125	112545
3. Pathanamthitta	-	844	79523	10	80377	-	56	-	-	56	1258	-	35976	54	37288	117721
4. Alappuzha	-	22	22056	25	22103	-	59	-	-	59	91	-	47429	958	48478	70640
5. Kottayam	-	1361	61662	134	63157	-	35	-	-	35	-	-	3692	313	4005	67197
6. Idukki	-	41	38198	18	38257	-	14	-	1	15	1951	1790	110277	2212	116230	154502
7. Ernakulam	-	258	20830	56	21144	-	6	-	796	802	23415	9389	37726	2271	72801	94747
8. Thrissur	-	719	64816	96	65631	-	32	-	3	35	2	-	56025	1368	57395	123061
9. Palakkad	10031	169	48929	992	60121	14551	68	-	4	72	529	-	13105	164	13798	90973
10. Malappuram	-	558	102872	194	103624	-	448	-	1	449	829	4650	28125	21	33625	108307
11. Kozhikode	-	6	122379	29	122414	-	26	-	2	28	174	-	28008	63	28245	132318
12. Wayanad	-	41	9479	49	9569	-	2	-	355	357	5451	67185	17783	454	18237	140679
13. Kannur	-	19	97365	148	97532	-	17	-	39	56	-	-	6142	123	78901	88827
14. Kasaragod	1	19	55271	49	55340	-	26	93	2	121	-	-	32730	239	32969	130557
State	10032	4211	884344	2176	900763	14551	822	93	1209	16675	34665	83014	465282	8525	591486	1508924

Table 3.10 (contd.)

District	Fodder grass	Green manure crops	Other non food crops	Kacholam	Total	Total non food crops	Total cropped area
1	74	75	76	77	78	79	80
1. Thiruvananthapuram	70	296	2335	-	2701	115246	188707
2. Kollam	170	628	2104	-	2902	120623	226537
3. Pathanamthitta	106	868	3028	-	4002	74642	112099
4. Alappuzha	193	226	2045	-	2464	69661	145573
5. Kottayam	160	279	4158	15	4612	159114	212196
6. Idukki	423	358	23578	5	24364	119111	246724
7. Ernakulam	123	274	4654	-	5051	128112	224961
8. Thrissur	17	905	6678	-	7600	98573	184674
9. Palakkad	210	1964	15798	4	17976	126283	339328
10. Malappuram	65	5886	7632	-	13583	145901	257505
11. Kozhikode	59	1635	3166	-	4860	145539	219417
12. Wayanad	166	507	4002	-	4675	93502	191187
13. Kannur	226	1089	11359	-	12674	143231	273763
14. Kasaragod	36	1992	4695	-	6723	83573	146331
State	2024	16907	95232	24	114187	1623111	2969002

Table 3.11 – Production of important crops 1995-96

Name of district	Rice					Jowar	Ragi	Other cereals	Sugar-cane	Black pepper	Dry chillies	Pulses	Cured ginger	Cured turmeric	Ground nut
	Autumn	Winter	Summer	Total											
	2	3	4	5											
1. Thiruvananthapuram	16152	15614	65	31831	6	7	8	9	10	11	12	13	14	15	
2. Kollam	20023	25313	34	45370	-	21	26	10	1846	-	580	374	75	7	
3. Pathanamthitta	5419	8926	12865	27210	-	-	21	-	2748	-	1828	1216	258	1	
4. Alappuzha	25489	59766	35792	121047	-	-	20	3040	1701	-	110	1474	234	-	
5. Kottayam	15291	17917	22401	55609	-	-	26	1541	405	-	160	733	43	1	
6. Idukki	4007	6810	-	10817	-	89	113	5219	22551	-	1365	900	549	-	
7. Ernakulam	37779	42573	21599	101951	0	0	0	167	1311	0	596	6636	1489	-	
8. Thrissur	31756	53313	25629	110698	0	0	20	15	721	0	1596	2622	1768	-	
9. Palakkad	138686	130735	10984	280405	2771	1527	2217	17049	451	243	5780	4453	1554	9653	
10. Malappuram	20595	35406	9207	65208	-	1	6	10	1164	3	294	589	455	-	
11. Kozhikode	1531	7569	1493	10593	-	-	-	-	2746	7	530	1402	1042	-	
12. Wayanad	-	36863	9791	46654	2	-	-	-	22385	-	259	22394	374	-	
13. Kannur	16110	9579	361	26050	1	-	9	15	7765	37	1120	2217	1195	-	
14. Kasaragod	11400	7674	509	19583	2	-	5	66	1396	205	241	611	130	1	
State	344238	458058	150730	953026	2776	1638	2463	28313	68568	495	14994	46455	9559	9663	

Table 3.11(contd.)

District	Arecanut betel nuts (Ton.)	Tama- rind	Mango	Jack (Nos.in million nuts	Banana	Other plantain	Pine- apple	Tapioca	Sweet potato	Pappaya	Drum- stick	Sesa- mum	Coconut (million nuts)
1	16	17	18	19	20	21	22	23	24	25	26	27	28
1. Thiruvanantha- puram	98	3430	18954	22	14130	25207	1668	466787	1014	4998	4500	-	481
2. Kollam	313	1410	24333	26	13328	18765	1485	493085	205	839	3354	441	481
3. Pathanamthitta	290	378	9789	14	18559	14709	1865	156534	36	2708	637	18	142
4. Alappuzha	246	583	21216	6	5929	16981	1022	124517	84	3980	1165	232	336
5. Kottayam	130	422	8614	17	25815	23103	4563	232401	36	5114	502	30	160
6. Idukki	826	273	14043	17	14918	18034	8160	211507	84	1258	868	25	75
7. Eranakulam	506	972	16080	21	33438	15560	30989	107602	-	5549	817	382	370
8. Thrissur	1857	1762	26734	17	33461	24372	2760	62564	145	5300	1583	73	539
9. Palakkad	574	7984	28303	13	53387	10957	1073	165722	11782	7524	2220	179	183
10. Malappuram	2861	2355	28937	24	59885	14430	2487	206442	2650	7357	3485	698	558
11. Kozhikode	2473	900	46976	27	16558	10342	2317	79620	266	1201	1363	15	925
12. Wayanad	601	203	18175	24	39522	11915	277	45373	-	2256	487	7	16
13. Kannur	2894	1918	51734	49	24180	12735	4226	116169	604	7296	1437	24	578
14. Kasaragod	3760	450	11195	12	9807	12383	988	31790	4869	2099	702	7	391
State	17429	23032	325083	289	362917	229493	63800	2500113	21775	57479	23120	2131	5155

Table 3.11 (contd.)

District	Cotton	Nutmug	Tobacco	Lemon-grass	Tea *	Coffee **	Rubber ***	Cocoa	Processed cardamom @	Raw cashew nuts
1	29	30	31	32	33	34	35	36	37	38
1. Thiruvananthapuram	-	22	-	1	561	-	27298	102	-	2858
2. Kollam	-	21	-	1	343	-	38821	17	-	4320
3. Pathanamthitta	-	64	-	-	-	-	52974	517	35	875
4. Alappuzha	-	16	-	-	-	-	3135	419	-	1878
5. Kottayam	-	119	-	-	148	-	120946	1020	33	172
6. Idukki	-	116	-	63	49473	9100	38356	1178	4861	345
7. Ernakulam	-	679	-	2	-	-	62159	598	-	934
8. Thrissur	-	226	-	6	1557	-	15513	189	-	2810
9. Palakkad	17206	8	-	4	1986	2100	22571	4	200	3045
10. Malappuram	-	41	-	2	-	-	24430	3	1	6244
11. Kozhikode	-	32	-	1	-	-	19490	137	-	2781
12. Wayanad	-	6	-	10	10742	33800	3015	56	248	451
13. Kannur	-	23	-	3	-	-	26876	65	1	39544
14. Kasaragod	-	7	285	1	-	-	18971	14	1	16511
State	17206	1420	285	94	64802	45000	474555	4319	5380	82760

* Tea Board figures related 1996-97;

** Coffee Board figures related 1996-97;

*** Rubber Board figures related 1996-97

@ Spices Board figures related 1996-97

Table 3.12 – Production of important crops 1996-97

Name of district	Rice				Jowar	Ragi	Other cereals	Sugar-cane	Black pepper	Dry chillies	Pulses	Cured ginger	Cured turmeric	Ground nut	
	Autumn		Summer												Total
	2	3	4	5											
1. Thiruvananthapuram	13207	11497	173	24877	6	7	8	9	10	11	12	13	14	15	
2. Kollam	18792	23444	1	42237	-	-	-	22	1824	6	2037	1855	478	-	
3. Pathanamthitta	4376	8652	10662	23690	-	-	-	1615	1394	1	84	1949	243	-	
4. Alappuzha	26302	37873	21017	85192	-	-	-	952	215	1	233	527	36	2	
5. Kottayam	10113	17295	16320	43728	-	-	-	1158	1325	-	1184	788	469	-	
6. Idukki	3071	6577	930	10578	-	-	-	18483	21328	-	785	5547	2379	-	
7. Eranakulam	36600	37832	18950	93382	-	-	-	87	938	-	1483	1505	1581	-	
8. Thrissur	28821	55397	20748	104966	-	-	-	188	1118	-	587	738	393	-	
9. Palakkad	144709	132556	16800	294065	2092	1152	2013	18137	518	383	3877	4440	1202	8371	
10. Malappuram	16107	31176	6160	53443	-	1	-	-	1016	-	367	882	534	-	
11. Kozhikode	1472	7056	1901	10429	-	-	-	-	2330	-	399	342	646	-	
12. Wayanad	-	27855	9708	37563	-	-	-	7	14860	-	293	24857	473	-	
13. Kannur	17332	8950	317	26599	-	-	-	51	6153	86	1451	2129	1188	-	
14. Kasaragod	11741	8178	693	20612	-	-	1	43	998	140	331	155	131	20	
State	332643	414338	124380	871361	2092	1153	2049	40743	56546	617	13674	46371	9840	8394	

Table 3.12 (contd.)

District	Arcanut betel nuts (Ton.)	Tama- rind	Mango	Jack (Nos.in million nuts)	Banana	Other plantain	Pine- apple	Tapioca	Sweet potato	Pappaya	Drum- stick	Sesa- mum	Coconut (million nuts)
1	16	17	18	19	20	21	22	23	24	25	26	27	28
1. Thiruvanantha- puram	432	4368	16242	30	10800	31467	1973	365396	874	5169	4700	3	530
2. Kollam	1146	2509	27336	31	13923	30259	1075	632579	57	828	3283	324	368
3. Pathanamthitta	1569	459	11315	17	17697	25467	1242	161495	57	2901	623	13	135
4. Alappuzha	1008	967	16366	3	4499	12741	888	157762	34	4910	1093	264	302
5. Kottayam	629	1072	8482	21	27087	33986	3412	304589	-	6101	521	27	178
6. Idukki	1924	514	7314	22	21372	26963	7856	198832	1044	1671	685	15	67
7. Ernakulam	2448	854	8513	10	42107	22020	28607	127271	102	5263	657	581	402
8. Thrissur	6881	1716	26040	19	40064	35688	1637	63385	57	4653	1580	114	566
9. Palakkad	2046	7347	22344	14	56469	25165	1176	197005	7849	6987	2241	78	202
10. Malappuram	15659	3273	19385	22	66992	24775	2912	228209	4397	8389	2842	322	669
11. Kozhikode	12970	2460	19902	27	19208	16829	2191	51826	306	1185	1366	-	900
12. Wayanad	1725	389	15916	29	41679	13199	108	54327	79	2430	557	26	26
13. Kannur	15920	2878	39729	22	32245	21938	3644	119291	613	8662	1478	21	625
14. Kasaragod	21472	650	10795	14	9531	18374	595	29151	4632	2351	730	19	306
State	85829	29456	249679	281	403673	338871	57316	2691118	20101	61500	22356	1807	5276

Table 3.12 (contd.)

District	Cotton	Nutmeg	Tobacco	Lemon-grass	Tea *	Coffee **	Rubber ***	Cocoa	Processed cardamom @	Raw cashew nuts	Betel leaves	Clove (dry)	Garlic
1	29	30	31	32	33	34	35	36	37	38	39	40	41
1. Thiruvananthapuram	-	14	-	-	641	-	29046	70	-	2256	6441	6	-
2. Kollam	-	15	-	1	417	-	41160	26	-	3873	2235	4	-
3. Pathanamthitta	-	52	-	-	-	-	56894	574	31	749	9841	7	-
4. Alappuzha	-	35	-	-	-	-	3386	256	-	1732	10020	2	-
5. Kottayam	-	122	-	-	139	900	129871	1182	12	203	3221	9	-
6. Idukki	-	115	-	66	51071	9700	40712	685	4132	343	2684	8	7531
7. Ernakulam	-	610	-	1	-	-	66604	264	-	580	8946	6	-
8. Thrissur	-	327	-	3	1922	-	17615	86	-	2385	7515	5	-
9. Palakkad	18872	14	-	8	2466	1900	25275	8	180	2639	2684	1	-
10. Malappuram	-	45	-	1	-	-	27405	21	2	4967	130882	3	-
11. Kozhikode	-	42	-	2	-	-	20640	183	-	2046	2863	3	-
12. Wayanad	-	4	-	8	12663	34820	3217	60	191	381	-	1	-
13. Kannur	-	30	-	3	-	-	30559	105	1	36763	3936	2	-
14. Kasaragod	-	9	574	4	-	-	20372	17	1	10046	3399	1	-
State	18872	1434	574	97	69319	47320	512756	3537	4550	68963	194667	58	7531

* Tea Board figures related 1996-97;

** Coffee Board figures related 1996-97;

*** Rubber Board figures related 1996-97

@ Spices Board figures related 1996-97

Table 3.13 – Production of important crops 1997-98

Name of district	Rice				Jowar	Ragi	Other cereals	Sugar-cane	Black pepper	Dry chillies	Pulses	Cured ginger	Cured turmeric	Ground nut		
	Autumn	Winter	Summer	Total												
	2	3	4	5												
1. Thiruvananthapuram	10383	9224	3	19610	-	-	2	7	8	9	10	11	12	13	14	15
2. Kollam	15965	20073	13	36051	-	-	2	1789	1	1608	1982	466	-	-	-	-
3. Pathanamthitta	2843	5934	9757	18534	-	-	-	1762	3	28	1214	180	-	-	-	-
4. Alappuzha	29459	18831	46838	95128	-	-	-	1217	-	138	149	26	-	-	-	-
5. Kottayam	8549	9246	11234	29029	-	-	-	1267	5	1202	727	756	-	-	-	-
6. Idukki	2660	5135	673	8468	-	88	53	17111	17998	-	537	8264	1554	-	-	-
7. Ernakulam	27997	29534	16703	74234	-	-	-	196	855	10	1711	1426	-	-	-	-
8. Thrissur	20967	44255	17769	82991	-	-	-	-	890	63	447	218	-	-	-	-
9. Palakkad	123628	123149	15717	262494	1466	1813	1935	20511	844	196	3510	4243	1219	7457	-	-
10. Malappuram	16891	26060	5366	48317	-	8	-	50	1215	-	312	293	505	-	-	-
11. Kozhikode	975	6662	2018	9655	-	-	-	21	2477	-	369	625	910	-	-	-
12. Wayanad	-	29742	9991	39733	-	-	-	49	8849	-	250	22369	339	-	-	-
13. Kannur	15753	9381	327	25461	-	-	-	29	4609	5	1030	1297	777	-	-	-
14. Kasaragod	9258	5127	520	14905	-	-	4	7	1288	118	260	320	112	1	-	-
State	285328	342353	136929	764610	1466	1909	1996	42227	46040	406	11668	43617	8585	7458		

Table 3.13 (contd.)

District	Areanut betel nuts (Ton.)	Tama- rind	Mango	Jack (Nos. in million nuts	Banana	Other plantain	Pine- apple	Tapioca	Sweet potato	Pappaya	Drum- stick	Sesa- mum	Coconut (million nuts)
I	16	17	18	19	20	21	22	23	24	25	26	27	28
1. Thiruvanantha- puram	456	3831	17469	25	17122	54206	1717	500101	488	4662	3992	-	516
2. Kollam	1739	2253	25273	32	16653	33802	1129	678357	274	848	3309	306	374
3. Pathanamthitta	1107	389	9790	17	22012	19806	864	152215	34	2674	580	7	121
4. Alappuzha	1044	845	15126	7	4205	22466	558	73413	23	4174	870	244	247
5. Kottayam	692	976	11834	16	33360	30453	3352	239024	-	5273	446	16	156
6. Idukki	2610	474	9977	13	23344	29094	10034	227156	409	1382	846	24	78
7. Ernakulam	3100	833	10265	12	53338	25006	27623	163469	136	5282	587	405	357
8. Thrissur	6472	1730	16090	10	37730	25950	2728	50870	23	4474	1271	83	491
9. Palakkad	2854	7678	29976	13	52394	24801	797	148981	7047	7332	2474	55	237
10. Malappuram	14170	3366	23967	22	74318	24149	1973	231116	3131	7296	2477	206	634
11. Kozhikode	12581	2656	12602	19	16278	16149	1821	68749	533	1097	1442	2	929
12. Wayanad	2011	346	12572	38	50737	12068	199	52708	23	2337	613	17	26
13. Kannur	15685	2500	40052	46	24856	21448	1928	130913	397	7419	1474	18	642
14. Kasaragod	22517	739	12049	11	10370	17224	1114	24624	2973	2726	781	6	402
State	87038	28616	246042	281	436717	356622	55837	2741696	15491	56976	21162	1389	5210

Table 3.13 (contd.)

District	Cotton Bales of 170kg.	Nutmug	Tobacco	Lemon- grass	Tea *	Coffee **	Rubber ***	Cocoa	Processed cardamom @	Raw cashew nuts	Betel leaves	Clove (dry)	Garlic
1	29	30	31	32	33	34	35	36	37	38	39	40	41
1. Thiruvananthapuram	-	15	-	-	608	-	30717	76	-	1745	4831	5	-
2. Kollam	-	15	-	-	-	-	43130	37	-	3283	2158	4	-
3. Pathanamthitta	-	56	-	-	366	-	59131	524	39	591	10557	6	-
4. Alappuzha	-	30	-	-	-	-	3706	263	-	1437	6263	2	-
5. Kottayam	-	114	-	-	224	1070	135125	756	15	117	2505	8	-
6. Idukki	-	134	-	53	47646	9280	43380	964	4828	494	1074	8	10829
7. Ernakulam	-	667	-	1	-	-	69967	646	-	427	5725	7	-
8. Thrissur	-	301	-	1	1648	-	18361	43	-	3017	12167	4	-
9. Palakkad	23485	25	-	1	2293	2050	28076	9	190	2069	1074	2	-
10. Malappuram	-	51	-	-	-	-	29907	11	2	4342	85474	2	-
11. Kozhikode	-	33	-	-	-	-	21559	288	Neg	2007	4652	2	-
12. Wayanad	-	5	-	6	12440	38259	3561	69	215	1001	358	1	-
13. Kannur	-	30	-	2	-	-	33646	79	Neg	25287	3041	2	-
14. Kasaragod	-	6	518	-	-	-	21669	29	1	11068	4651	1	-
State	23485	1482	518	64	65225	50659	541935	3794	5290	56885	144530	54	10829

* Tea Board figures related 1997-98;

** Coffee Board figures related 1997-98; *** Rubber Board figures related 1997-98

@ Spices Board figures related 1997-98

Table 3.14 -- Net area irrigated (Source-wise) 1995-96

District	Government canal	Private canal	Government tanks	Private tanks	Government wells	Private wells	Minor lift irrigation	Other sources	Total
1	2	3	4	5	6	7	8	9	10
1. Thiruvananthapuram	3538	156	417	170	13	532	436	1006	6268
2. Kollam	315	17	20	108	16	1010	174	327	1987
3. Pathanamthitta	940	83	5	64	29	431	1010	2864	5426
4. Alappuzha	2224	106	823	14907	771	1210	2082	10283	32406
5. Kottayam	1934	174	220	198	18	334	160	5536	9174
6. Idukki	1025	200	34	407	10	179	382	2841	5078
7. Ernakulam	21123	397	274	2258	227	10114	7307	8807	50906
8. Thrissur	19059	756	462	10310	174	19711	4665	15948	71085
9. Palakkad	49231	241	190	5006	56	11579	1802	5143	73248
10. Malappuram	1114	743	52	5288	22	10113	2580	10472	30384
11. Kozhikode	2131	53	142	407	14	1341	765	740	5593
12. Wayanad	69	104	14	22	6	12	160	3901	4288
13. Kannur	201	418	53	977	33	4769	73	7378	13902
14. Kasaragod	232	234	175	6210	21	10392	473	15111	32848
State	103136	3681	2881	46332	1410	71727	22669	90357	342193

Table 3.15 – Gross area under irrigation (crop-wise) 1995-96

District	Paddy	Tubers	Vege- tables	Coconut	Arecanut	Cloves & nutmug	Other spices condiments	Banana	Betel leaves	Sugar cane	Other trees
1	2	3	4	5	6	7	8	9	10	11	12
1. Thiruvananthapuram	3453	25	644	678	6	41	57	835	37	2	1197
2. Kollam	95	17	894	644	15	29	19	93	53	-	656
3. Pathanamthitta	6923	7	461	12	1	77	9	285	82	486	46
4. Alappuzha	32340	618	670	18214	20	88	593	6	93	248	368
5. Kottayam	12575	15	305	165	26	160	120	55	20	233	705
6. Idukki	2241	8	21	80	5	33	233	39	3	709	542
7. Ernakulam	41745	10	435	18194	888	818	127	1261	44	33	701
8. Thrissur	37241	39	860	45964	5583	131	706	1969	20	-	786
9. Palakkad	61054	18	1274	14205	1942	19	726	2540	1	2115	2223
10. Malappuram	19664	134	873	20043	4734	16	104	1472	542	2	911
11. Kozhikode	1554	10	496	2746	238	11	7	367	18	-	1115
12. Wayanad	4883	3	134	2	8	8	5	28	-	-	998
13. Kannur	5980	32	68	12968	1071	16	111	1195	6	3	978
14. Kasaragod	4661	18	293	30603	11007	12	125	592	12	13	1512
State	234409	954	7428	164518	25544	1459	2942	10737	931	3844	12738

Table 3.16 – Net area irrigated (Source-wise) 1996-97

District	Government canal	Private canal	Government tanks	Private tanks	Government wells	Private wells	Minor lift irrigation	Other sources	Total
1	2	3	4	5	6	7	8	9	10
1. Thiruvananthapuram	3395	186	365	162	9	468	319	772	5686
2. Kollam	332	27	17	132	11	867	135	147	1668
3. Pathanamthitta	1154	72	27	98	19	510	450	3459	5789
4. Alappuzha	2182	43	303	14478	266	1541	1603	12215	32631
5. Kottayam	1644	145	143	165	11	388	565	8073	11134
6. Idukki	1367	246	23	401	7	324	220	4718	7306
7. Ernakulam	19678	379	284	2602	194	10762	7176	8330	49405
8. Thrissur	20733	616	376	10997	146	21761	4341	14630	73600
9. Palakkad	49171	417	159	4038	40	14177	1448	5202	74652
10. Malappuram	985	779	75	5218	20	10456	2096	13239	32868
11. Kozhikode	2054	42	96	406	11	1239	516	783	5147
12. Wayanad	54	65	11	15	4	8	243	4267	4667
13. Kannur	322	348	40	1158	39	6881	63	8539	17390
14. Kasaragod	229	236	99	6581	15	12557	249	14976	34942
State	103300	3601	2018	46461	792	81939	19424	99350	356885

Table 3.17 – Gross area under irrigation (crop-wise) 1996-97

District	Paddy	Tubers	Vege- tables	Coconut	Arecanut	Cloves & nutmug	Other spices condiments	Banana	Betel leaves	Sugar cane	Other trees
1	2	3	4	5	6	7	8	9	10		
1. Thiruvananthapuram	3060	22	588	659	6	36	51	707	36	3	1174
2. Kollam	1325	14	1094	631	16	28	20	103	58	-	650
3. Pathanamthitta	6045	7	441	12	1	78	9	264	55	252	46
4. Alappuzha	30944	506	590	17350	21	114	594	5	56	201	351
5. Kottayam	17931	13	361	162	26	188	127	60	18	160	711
6. Idukki	2797	7	17	88	5	38	240	59	15	800	545
7. Ernakulam	40961	8	420	19190	1018	955	118	1544	50	12	721
8. Thrissur	32524	37	716	45338	5238	180	676	2210	42	26	784
9. Palakkad	60759	15	947	13529	2061	41	739	2560	15	2200	2214
10. Malappuram	17406	175	963	19522	4959	24	109	1561	686	-	903
11. Kozhikode	1402	8	425	2785	252	16	6	433	16	-	1135
12. Wayanad	4731	3	132	4	10	7	5	30	-	1	988
13. Kannur	5440	31	68	12923	1257	27	113	1684	22	7	994
14. Kasaragod	4782	16	299	28282	11297	17	114	615	19	6	1440
State	230087	862	7061	160475	26167	1749	2921	11835	1088	3668	12656

Table 3.18 – Net area irrigated (Source-wise) 1997-98

District	[Area in Hectares]									
	Government canal	Private canal	Government tanks	Private tanks	Government wells	Private wells	Minor lift irrigation	Other sources	Total	
1	2	3	4	5	6	7	8	9	10	
1. Thiruvananthapuram	3173	109	287	179	15	415	257	686	5121	
2. Kollam	325	23	19	145	10	777	105	103	1507	
3. Pathanamthitta	901	61	16	144	15	439	270	3416	5262	
4. Alappuzha	2324	75	320	12234	265	1277	1630	14877	33002	
5. Kottayam	1534	160	181	178	13	472	639	9087	12264	
6. Idukki	1246	198	30	357	9	370	260	3328	5798	
7. Ernakulam	17728	305	289	2493	138	10503	6561	7753	45770	
8. Thrissur	20668	741	581	10466	195	22741	3549	13547	72488	
9. Palakkad	49176	329	154	3188	48	13216	1320	4930	72361	
10. Malappuram	756	715	92	4399	25	10244	1775	12655	30661	
11. Kozhikode	2450	56	128	412	14	1389	513	534	5496	
12. Wayanad	95	97	10	14	5	11	176	3957	4365	
13. Kannur	391	408	51	1352	40	7219	56	8270	17787	
14. Kasaragod	256	271	73	7585	20	13032	240	17154	38631	
State	101023	3548	2231	43146	812	82105	17351	100297	350513	

Table 3.19 – Gross area under irrigation (crop-wise) 1997-98

District	Paddy	Tubers	Vege- tables	Coconut	Arecanut	Cloves & nutmeg	Other spices condiments	Banana	Betel leaves	Sugar cane	Other trees	Area in Hectares]	
												Total	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1. Thiruvanantha- puram	1688	20	578	703	2	34	51	983	27	1	1160	5247	
2. Kollam	605	17	758	559	21	29	16	67	56	-	685	2813	
3. Pathanamthitta	4087	7	469	4	1	76	8	264	59	275	48	5298	
4. Alappuzha	35109	503	584	13218	43	100	533	50	35	257	1202	51634	
5. Kottayam	11232	14	361	221	35	172	121	93	14	175	694	13132	
6. Idukki	2688	6	14	92	17	43	217	148	6	2557	506	6294	
7. Eranakulam	37292	8	366	17103	1126	1050	107	2377	32	27	620	60108	
8. Thrissur	29445	40	719	40414	4673	165	638	2403	68	-	715	79280	
9. Palakkad	55175	13	925	13679	2112	71	563	2351	6	2488	2205	79588	
10. Malappuram	10154	147	949	13492	4520	46	100	1935	448	10	1048	32849	
11. Kozhikode	1361	10	370	3665	261	13	7	569	26	3	1097	7382	
12. Wayanad	4550	2	125	2	16	7	5	2	2	7	971	5689	
13. Kannur	5918	30	69	14941	3574	29	117	629	17	4	930	26258	
14. Kasaragod	2839	24	280	25936	10340	11	125	626	26	1	1302	41510	
State	202143	841	6567	144029	26741	1846	2608	12497	822	5805	13183	417082	

3.19 A District wise, size-wise number of (individual + Joint) holdings 1995-96 for all social groups

Sl. No	District	Sizeclass/ hectare	Below 0.02 hectare	Percentage	0.02 - 0.99 hectare	Percentage	1.0 - 1.99 hectare	Percentage	2 - 3.99 hectare	Percentage	4 - 9.99 hectare	Percentage	Above 10 hectare	Percentage
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Thiruvananthapuram	152222	20.52	597886	11.68	8188	3.17	1737	1.86	226	1.21	30	1.37	
2	Kollam	72156	9.73	462524	9.04	9644	3.73	1927	2.06	187	1.00	15	0.69	
3	Pathanamthitta	23888	3.22	248143	4.85	12449	4.82	2746	2.94	378	2.02	20	0.92	
4	Alappuzha	48501	6.54	377381	7.37	9209	3.57	2840	3.04	625	3.34	135	6.18	
5	Kottayam	43625	5.88	305566	5.97	24807	9.61	9201	9.86	2355	12.58	390	17.87	
6	Idukki	48787	6.58	196564	3.84	25214	9.76	9701	10.39	1582	8.45	400	18.32	
7	Ernakulam	111084	14.97	464281	9.07	18610	7.21	6288	6.74	1234	6.59	126	5.77	
8	Thrissur	65313	8.80	508240	9.93	18951	7.34	6591	7.06	759	4.06	75	3.44	
9	Palakkad	62708	8.45	370577	7.24	31864	12.34	15277	16.37	4292	22.93	435	19.93	
10	Malappuram	32036	4.32	497033	9.71	20995	8.13	8189	8.77	1588	8.49	130	5.96	
11	Kozhikode	47730	6.43	449605	8.78	14801	5.73	4443	4.76	586	3.13	50	2.29	
12	Wayanad	9239	1.25	117365	2.29	17016	6.59	6896	7.39	1478	7.90	217	9.94	
13	Kannur	16125	2.17	360962	7.05	27350	10.59	10885	11.66	1854	9.91	75	3.44	
14	Kasaragod	8506	1.15	162596	3.18	19121	7.40	6619	7.09	1571	8.39	85	3.89	
	Total	741920	100.00	5118723	100.00	258219	100.00	93340	100.00	18715	100.00	2183	100.00	

3.20 Average farm prices of important commodities 1995-96

District	Paddy Qtl	Coconut 100 nos	Arecanut 100 Nos.	Tapioca Qtl.	Cashew Qtl	Banana 100 Nos.	Pepper Qtl	Ginger Qtl	Sugarcane MT
1	2	3	4	5	6	7	8	9	10
Thiruvananthapuram	558.33	346.10	43.77	272.29	2780.56	164.01	6863.32	-	-
Kollam	509.57	384.75	38.89	222.40	2907.08	150.94	6756.70	5632.50	-
Pathanamthitta	510.71	372.29	44.28	291.33	2833.78	150.17	7000.87	5997.57	-
Alappuzha	522.56	370.87	36.52	293.72	2708.33	156.42	6472.22	-	600.00
Kottayam	509.18	382.92	32.35	276.76	2793.89	137.26	6869.38	4628.60	406.25
Idukki	579.48	387.87	41.17	294.51	2673.33	131.41	6967.36	5434.38	500.00
Ernakulam	519.99	380.68	38.40	223.89	2737.50	96.84	6945.49	5370.49	-
Thrissur	525.20	371.10	43.13	245.35	2961.67	165.46	6974.21	-	-
Palakkad	527.67	339.25	32.94	184.54	2923.00	100.17	6926.39	5170.57	564.31
Malappuram	494.48	317.61	32.36	211.30	2873.61	122.18	6844.62	-	-
Kozhikode	605.07	360.90	29.13	242.50	3035.42	132.20	6871.64	5228.13	-
Wayanad	516.87	351.53	50.00	259.37	2611.11	98.60	7095.14	4903.13	-
Kannur	494.65	344.51	35.46	306.11	3250.00	134.93	6859.38	4890.91	-
Kasaragod	521.46	369.38	52.40	327.50	3205.13	136.52	6978.13	4564.29	-
State	528.23	360.27	38.74	260.37	2862.80	134.08	6914.84	5314.46	562.59

3.21 Average farm prices of important commodities 1996-97

District	Paddy Qtl	Coconut 100 nos	Arecanut 100 Nos.	Tapioca Qtl.	Cashew Qtl	Banana 100 Nos.	Pepper Qtl	Ginger Qtl	Sugarcane MT
1	2	3	4	5	6	7	8	9	10
Thiruvananthapuram	610.68	435.11	44.31	325.94	2929.17	193.12	8320.57	-	-
Kollam	557.13	481.67	47.87	274.38	2590.00	172.98	8467.15	-	-
Pathanamthitta	590.54	488.63	49.83	336.96	2702.83	178.42	9026.67	4382.92	650.00
Alappuzha	608.52	480.90	45.01	331.68	2538.50	181.97	7767.08	-	550.00
Kottayam	609.50	519.88	38.59	321.17	2331.00	169.38	9174.92	4336.81	-
Idukki	649.27	522.61	45.10	320.62	2556.25	151.61	9018.75	3994.53	500.00
Ernakulam	569.20	496.93	54.34	295.21	2643.75	145.02	8805.56	4446.60	-
Thrissur	601.82	476.42	53.72	313.25	2897.57	174.42	8653.52	-	-
Palakkad	612.67	434.27	42.39	231.04	2780.47	146.50	9012.18	4170.11	483.33
Malappuram	587.99	436.46	31.66	246.34	2807.92	146.07	8763.02	-	-
Kozhikode	755.56	465.26	33.64	266.04	2806.67	149.95	8911.11	4324.31	-
Wayanad	567.36	524.97	19.59	292.88	2312.92	121.46	9384.37	3571.46	-
Kannur	555.87	460.49	45.97	345.56	2804.17	155.70	8741.13	4222.73	-
Kasaragod	626.88	500.00	48.52	299.69	3065.63	164.31	8781.77	3150.00	-
State	607.36	480.29	43.40	300.13	2730.29	160.78	8780.13	4214.25	545.83

3.22 Average farm prices of important commodities 1997-98

District	Paddy Qtl	Coconut 100 nos	Arecanut 100 Nos.	Tapioca Qtl.	Cashew Qtl	Banana 100 Nos.	Pepper Qtl	Ginger Qtl	Sugarcane MT
1	2	3	4	5	6	7	8	9	10
Thiruvananthapuram	606.15	398.65	49.72	303.14	2573.33	171.10	16008.33	-	-
Kollam	563.18	467.08	50.26	279.48	2650.61	168.06	16369.31	5275.00	-
Pathanamthitta	544.63	425.67	54.55	338.92	2805.33	159.58	18294.17	4830.83	-
Alappuzha	544.97	445.19	40.65	283.29	2715.00	141.26	15993.75	-	-
Kottayam	538.61	456.29	50.54	315.21	2893.75	156.30	18136.67	4737.69	-
Idukki	641.39	490.21	45.23	283.68	2351.67	141.51	17961.46	4711.46	-
Ernakulam	539.60	475.68	46.48	270.21	2643.13	147.18	17525.97	4871.18	-
Thrissur	568.58	433.21	59.77	303.66	3084.00	168.31	17715.83	-	-
Palakkad	543.42	406.54	33.46	254.37	3120.00	124.66	17592.60	4634.85	584.58
Malappuram	577.54	379.96	32.85	239.27	2821.67	130.57	17386.53	-	-
Kozhikode	791.81	427.92	30.23	286.67	3064.58	137.72	17780.14	5025.00	-
Wayanad	520.21	520.56	19.15	272.57	2612.50	110.90	18481.81	3908.33	-
Kannur	579.38	417.08	49.83	353.75	3297.40	150.29	17429.86	4526.39	-
Kasaragod	598.44	454.90	59.00	375	3243.75	157.72	17485.42	4100.00	-
State	582.64	442.78	43.69	297.02	2848.34	147.51	17440.13	4662.07	584.58

3.23 Other Agricultural wages 1995-96

Carpenter

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	95	95	95	95	100	105	105	105	115	117.50	110	122.50	105
Kollam	90	95	95	95	95	100	110	110	110	110	117.50	117.50	105.75
Alappuzha	94	94	94	101.50	101.50	101.50	106.50	106.50	106.50	119	119	119	105.25
Kottayam	87.50	97.50	97.50	97.50	97.50	97.50	97.50	97.50	107.50	107.50	107.50	107.50	100
Ernakulam	85	105.00	110	110	110	110	110	115	112.50	112.50	112.50	112.50	108.75
Thrissur	105	110.00	110	110	110	110	110	112.50	122.50	122.50	132.50	132.50	115.63
Palakkad	75	75	75	75	75	75	77.50	80	87.50	87.50	90	90	80.21
Malappuram	108.50	122	127.50	122.50	122.50	135	135	135	135	135	135	135	129
Kozhikode	111	118.50	118.50	118.50	118.50	118.50	118.50	118.50	118.50	118.50	118.50	132.50	119
Kannur	95	100	100	105	105.00	105	105	110	110	110	110	110	105
State													107.20

Mason

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	95	95	95	95	95	95	92.50	95	100	110	110	115	99.38
Kollam	90	95	95	95	95	100	110	110	110	110	117.50	117.50	103.75
Alappuzha	94	94	94	101.50	101.50	101.50	106.50	106.50	119	119	119	119	106.29
Kottayam	87.50	97.50	97.50	97.50	97.50	97.50	97.50	97.50	107.50	107.50	107.50	107.50	100
Ernakulam	85	105	110	110	110	110	110	115	112.50	112.50	112.50	112.50	108.75
Thrissur	107.50	110	110	110	110	110	110	112.50	122.50	122.50	127.50	127.50	115
Palakkad	75	75	75	75	75	75	77.50	80	87.50	87.50	90	90	80.21
Malappuram	108.50	122.50	122.50	122.50	122.50	115	135	135	135	135	135	135	128.63
Kozhikode	111	113.50	133.50	113.50	113.50	113.50	113.50	113.50	113.50	113.50	113.50	132	114.88
Kannur	95	100	100.00	100	100	100	102.50	102.50	102.50	110	110	110	102.71
State													105.96

Paddy field labour (Men)

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	75	77.5	80	80	85	90	85	87.50	90	97.50	92.50	100	86.67
Kollam	70	70.00	70	70	70	75	80	80	80	80	80	80	75.42
Alappuzha	60	60	60	65	65	70	70	70	70	70	70	70	66.67
Kottayam	60	60	62.5	67.50	67.50	67.50	67.50	67.50	67.50	67.50	72.50	72.50	66.67
Ernakulam	64	71.25	77.5	77.50	77.50	77.50	77.50	82.50	80	80	80	80	77.10
Thrissur	80	82.50	82.5	82.50	82.50	82.50	82.50	87.50	87.50	87.50	102.50	102.50	86.88
Palakkad	45	45	45	45	45	45.00	45.00	45	45	47.50	50	50	46.04
Malappuram	78.50	90	90	90	90	95.00	95.00	102.50	102.50	102.50	107.50	107.50	95.92
Kozhikode	71	81	81	81	81	88.50	88.50	88.50	98.50	88.50	88.50	90	85.5
Kannur	82.50	85	85	85	85	85	85	85	85	85	85	85	84.79
State													77.17

Paddy field labour (women)

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	55	55	55	55	57.50	57.50	65	67.50	62.50	72.50	65	75	61.88
Kollam	50	50	50	50	50	50	50	50	50	50	50	50	50
Alappuzha	30	30	30	30	30	35	37.50	37.50	37.50	37.50	37.50	37.50	34.17
Kottayam	35	37.50	40	40	40	40	40	40	40	40	42.50	42.50	39.79
Ernakulam	44	56.25	57	57.50	57.50	57.50	57.50	62.50	60	60	60	60	57.52
Thrissur	57.50	60	60	60	60	60	60	60	60	62.50	60	60	60
Palakkad	30	30	30	30	30	30	30	30	30	30	30	30	30
Malappuram	48.50	58.50	58.50	56	56	66	67.50	67.50	67.50	67.50	67.50	67.5	62.38
Kozhikode	51	63.50	63.50	63.50	63.50	63.5	63.50	63.50	63.50	68.50	63.50	70	63.42
Kannur	52.50	52.50	52.50	52.50	52.50	52.5	52.50	52.50	52.50	52.50	52.50	52.5	52.50
State													51.17

Other agricultural labour (Men) 1995-96

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	75	77.50	77.50	77.50	80	82.50	80	82.50	87.50	90	90	100	83.33
Kollam	70	70	70	70	70	70	72.50	72.50	72.50	72.50	75	75	71.67
Alappuzha	66.50	71.50	71.50	71.50	71.50	71.50	71.50	74	79	81.50	80	81.50	74.29
Kottayam	57.50	57.50	57.50	57.50	57.50	62.50	62.50	62.50	62.50	62.50	67.50	67.50	60
Ernakulam	60	77.50	85	85	80	80	80	85	82.50	82.50	82.50	82.50	80.21
Thrissur	75	90	90	90	90	90	90	92.50	95	95	107.50	107.50	92.71
Palakkad	45	45	60	45.00	45	45	45	45	45	47.50	50	50	47.29
Malappuram	83.50	95	95	92.50	92.50	97.50	97.50	102.50	102.50	102.50	107.50	107.50	98
Kozhikode	71	81	81	81	81	88.50	88.50	88.50	88.50	88.50	88.50	90	84.67
Kannur	87.50	87.50	87.50	87.50	87.50	87.50	87.50	87.50	87.50	87.50	87.50	87.50	87.50
State													

Other Agricultural labour (women)

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	70	72.50	72.50	72.50	75	75	75	75	82.50	90	90	87.50	78.33
Kollam	62.50	62.50	62.50	65	65	65	67.50	67.50	67.50	70	70	70	66.04
Alappuzha	-	-	-	-	-	-	-	-	-	-	-	-	-
Kottayam	45	50	50	55	55	55	55	55	55	62.50	62.50	62.50	54.58
Ernakulam	50	60	70	70	70	70	70	75	72.50	72.50	72.50	72.50	68.75
Thrissur	57.50	57.50	57.50	57.50	57	57.50	57.50	57.50	57.50	70	70	70.00	59.79
Palakkad	30	30	30	30	30	30	30	30	30	30	30	30	30
Malappuram	55	60	60	60	60	60	60	75	75	75	75	75	65.83
Kozhikode	63.50	81	81	81	83.50	91	91	86	86	118.50	118.50	120.00	91.75
Kannur	50	50	50	50	50	50	50	50	50	50	50	50	50.00
State													62.79

3.24 Other Agricultural wages 1996-97

Carpenter

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	125	127.50	127.50	127.50	127.50	127.50	127.50	127.50	137.50	137.50	137.50	137.50	130.42
Kollam	117.5	117.5	130	130	130	130	137.50	135	137.50	137.5	150	150	132.50
Alappuzha	126.5	126.5	126.5	126.5	126.5	126.5	126.50	126.5	126.5	134.50	134	139	128.8
Kottayam	107.5	112.5	120.00	120.00	120	120	120	120	120	120	120	120	118.33
Eranakulam	112.50	112.5	112.5	112.50	112.5	112.5	120	120	120	125	135	135	119.17
Thrissur	132.50	152.5	152.50	152.50	152.5	152.5	152.5	152.5	155	155	155	160	152.08
Palakkad	90	95	95	95.00	95	95	100	100	112.5	117.50	117.50	117.50	102.50
Malappuram	142.50	142.5	142.5	142.5	142.5	148.5	148.5	148.5	148.5	151	151	151	146.63
Kozhikode	132.50	132.5	140	140	140	140	140	140	140	140	140	140	138.13
Kannur	110	110	110	110	115	120	117.50	122.5	122.5	122.50	122.50	122.50	116.88
State													128.54

Mason

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	122.50	125	125	127.5	127.50	127.50	137.50	137.50	137.50	137.50	137.50	137.50	131.67
Kollam	117.50	117.50	117.50	130	130	130	135	137.50	137.50	137.50	150	150	132.50
Alappuzha	126.50	126.50	126.50	126.50	126.5	126.50	126.50	126.50	126.50	134	134	139	128.79
Kottayam	107.50	112.50	120	120	120	120	120	120	120	120	120	120	118.33
Eranakulam	112.50	112.50	112.50	112.50	112.5	112.50	120	120	120	125	135	135	119.17
Thrissur	127.50	132.50	132.50	137.50	150	152.5	152.50	152.50	150	150	150	150	144.79
Palakkad	90	95	95	95	95	95	100	100	112.50	112.50	117.50	117.50	102.08
Malappuram	142.50	142.50	142.50	142.50	142.5	148.50	148.5	148.50	148.50	147.5	147.50	147.50	145.75
Kozhikode	132.50	132.50	132.50	140	140	140	140	140	140	140	140	140	138.13
Kannur	110	110	110	110	115	120	117.50	120	122	122.50	122.50	122.50	116.88
State													127.81

Paddy field labour (Men) 1996-97

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	100	115	110	105	105	120	125	125	125	120	112.50	112.50	114.58
Kollam	85	100	85	85	95	95	95	100	100	100	112.50	112.50	97.08
Alappuzha	70	70	70	70	70	70	70	70	70	75	80	82.50	72.29
Kottayam	72.50	72.50	80	80	80	80	80	80	80	80	80	80	78.75
Eranakulam	80	80	87.50	87.50	87.50	87.50	87.50	87.50	87.50	92.50	100	100	88.75
Thrissur	102.50	122.50	122.50	122.50	122.50	122.50	122.50	122.50	122.50	122.50	122.50	122.50	120.83
Palakkad	55	55	55	55	55	55	55	55	62.50	67.50	67.50	67.50	58.75
Malappuram	107.50	107.50	107.50	107.50	107.50	111	111	111	110	116	116	116	110.79
Kozhikode	90	90	90	95	95	97.50	97.50	97.50	97.50	97.50	97.50	100	95.42
Kannur	85	85	85	85	85	85	85	85	85	85	85	80	84.58
State													92.18

Paddy field labour (women)

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	75	80	75	72.50	75.00	80	110	110	110	110	95.50	95.50	90.63
Kollam	55	55	67.50	60.00	60.00	60	60	62.50	62.50	62.50	72.50	72.50	62.50
Alappuzha	37.50	37.50	37.50	37.50	37.50	37.50	37.50	37.50	40.00	42.50	42.50	45.00	39.17
Kottayam	42.50	42.50	45.00	45.00	45.00	45	45.00	45.00	45.00	45.00	45.00	45.00	44.58
Eranakulam	60.00	60.00	60.00	60.00	60.00	60	60.00	60.00	60.00	67.50	75.00	75.00	63.13
Thrissur	60.00	62.50	62.50	62.50	67.50	67.50	67.50	67.50	70.00	70.00	70.00	70.00	66.46
Palakkad	32.50	32.50	32.50	32.50	32.50	35	35.00	35.00	37.00	37.50	37.50	37.50	34.79
Malappuram	72.50	72.50	72.50	72.50	77.50	78.50	78.50	78.50	78.50	78.50	78.50	78.50	76.42
Kozhikode	70.00	70.00	70	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	80.00	74.17
Kannur	52.50	52.50	52.50	52.50	52.50	57.50	52.50	52.50	52.50	52.50	52.50	62.50	53.33
State													60.52

Other agricultural labour (Men) 1996-97

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	95	102.50	102.50	107.50	107.50	107.50	107.50	107.50	112.50	112.50	112.50	112.50	107.29
Kollam	77.50	77.50	77.50	87.50	90	90	90	95	95	95	112.50	112.50	91.67
Alappuzha	81.50	81.50	81.50	84	84	84	84	84	84	91.50	91.50	96.50	85.67
Kottayam	67.50	67.50	75	75	75	75	75	75	75	75	75	75	73.75
Ernakulam	82.50	82.50	85	85	85	85	85	85	85	90	95	95	85.63
Thrissur	107.50	112.50	112.50	122.50	125	125	122.50	122.50	122.50	122.50	122.50	122.50	119.79
Palakkad	55	55	55	55	55	55	62.50	55	62.50	67.50	67.50	67.50	58.75
Malappuram	107.50	107.50	107.50	107.50	107.50	116	116	116	116	121.00	121	121	113.71
Kozhikode	90	90	90	95	95	97.50	97.50	97.50	97.50	97.50	97.50	100	95.92
Kannur	87.50	87.50	87.50	87.50	87.50	87.50	87.50	87.50	87.50	87.50	87.50	82.50	87.08
State													

Other Agricultural labour (women)

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	92.50	100	92.50	97.50	92.50	92.50	92.50	92.50	97.50	100	107.50	100	96.46
Kollam	70	70	70	75	77.50	77.50	82.50	75	85	85	100	100	80.63
Alappuzha	-	-	-	-	-	-	-	-	-	-	-	-	-
Kottayam	62.50	62.50	67.50	67.50	67.50	67.50	67.50	67.50	67.50	67.50	67.50	67.50	66.67
Ernakulam	72.50	72.50	72.50	72.50	72.50	72.50	72.50	72.50	72.50	80	85	85	75.21
Thrissur	72.50	77.50	75	75	77.50	77.50	77.50	77.50	92.50	92.50	92.50	92.50	81.46
Palakkad	32.50	32.50	32.50	32.50	32.50	35	35	35	37.50	37.50	37.50	37.50	34.79
Malappuram	80	80	80	80	80	86	86	86	86	91	91	96	85.17
Kozhikode	120	120	120	120	120	122.50	122.50	122.50	122.50	122.50	122.50	122.50	121.46
Kannur	50	50	50	50	50	50	50	50	50	50	50	65	51.25
State													77.01

3.25 Other Agricultural wages 1997-98

Carpenter

Skilled labour

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	137.50	137.50	137.50	137.50	137.50	137.50	137.50	132.50	137.50	137.50	137.50	137.50	137.50
Kollam	150	150	162.50	162.50	162.50	162.50	162.50	162.50	162.50	162.50	162.50	162.50	160.42
Alappuzha	139	139	139	144	144.50	144.50	144.50	147.50	147.50	147.00	147.00	147.00	144.13
Kottayam	125	140	140	140	145	145	145	145	145	145	145	145	142.08
Idukki	-	-	-	-	-	-	-	-	-	-	-	-	-
Eranakulam	135	135	147.50	147.50	147.50	162.50	162.50	162.50	160	162.50	162.50	162.50	153.75
Thrissur	160	160	162.50	162.50	157.50	162.50	162.50	162.50	172.50	162.50	167.50	167.50	163.33
Palakkad	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50
Malappuram	151	151	151	151	151	168.50	168.50	168.50	168.50	168.50	168.50	170.00	161.33
Kozhikode	140	140	140	140	140	145	145	145	147.50	150	150	150	144.33
Wayanad	-	-	-	-	-	-	-	-	-	-	-	-	-
Kannur	122.50	125	125	125	125	142.50	142.50	142.50	142.50	142.50	142.50	142.50	135
State													145.94

Mason

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	135	137.50	135.00	137.50	137.50	137.50	137.50	137.50	137.50	137.50	137.50	137.50	137.08
Kollam	150	150	162.50	162.50	162.50	162.50	162.50	162.50	162.50	162.50	162.50	162.50	160.42
Alappuzha	139	139	139	144	144.50	144.50	144.50	147.50	147	147	147	147	144.13
Kottayam	125	140	140	140	145	145	145	145	145	145	145	145	142.08
Eranakulam	135	135	147.50	147.50	147.50	162.50	162.50	162.50	162.50	162.50	162.50	162.50	154.16
Thrissur	150	152.50	152.50	152.50	152.50	152.50	152.50	152.50	160	160	160	135	152.70
Palakkad	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50
Malappuram	147.50	147.50	147.50	147.50	147.50	160	160	160	160	160	160	160	154.79
Kozhikode	140	140	140	140	140	140	140	140	145	147.50	147.50	150	142.50
Kannur	122.50	125	125	125	125	142.50	142.50	142.50	142.50	142.50	142.50	142.50	135
State													144.04

Paddy field labour (Men) 1997-98

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
I	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	112.50	112.50	112.50	115	115	115	130	115	115	115	115	115	115.63
Kollam	112.50	112.50	112.50	112.50	112.50	122.50	122.50	122.50	117.50	117.50	117.50	117.50	116.67
Alappuzha	82.50	87.50	87.50	87.50	87.50	87.50	90	90	90	100	100	100	90.83
Kottayam	90	90	90	90	90	90	90	90	90	90	90	90	90
Eranakulam	100	100	100	112.50	112.50	112.50	112.50	100	100	150	117.50	125	111.88
Thrissur	122.50	122.50	122.50	122.50	125	125	125	125	130	125	125	125	124.58
Palakkad	67.50	67.50	67.50	70	75	75	75	75	75	75	75	75	72.71
Malappuram	116.00	116.00	116.00	116.00	116.00	123.50	123.50	148.50	123.50	123.50	123.50	125	122.58
Kozhikode	100	100	100	100	100	100	100	95	110.50	112.50	112.50	112.50	103.54
Kannur	80	82.50	82.50	82.50	82.50	92.50	92.50	92.50	92.50	92.50	100	92.50	88.75
State													103.72

Paddy field labour (women)

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
I	2	3	4	5	6	7	8	9	10	11	12	13	14
Thiruvananthapuram	82.50	82.50	82.50	72.50	77.50	90	90	90	90	90	75	75	83.15
Kollam	72.50	75	75	75	75	77.50	77.50	77.50	72.50	72.50	72.50	72.50	74.58
Alappuzha	45	52.50	52.50	52.50	52.50	52.50	52.50	52.50	55	55	55	55	52.71
Kottayam	52.50	52.50	52.50	52.50	55	55	55	55	55	55	55	55	54.17
Eranakulam	75	75	75	80	80	80	80	80	80	90	87.50	90	81.04
Thrissur	70	72.50	72.50	72.50	72.50	72.50	72.50	72.50	77.50	72.50	72.50	72.50	72.71
Palakkad	37.50	37.50	37.50	37.50	40	40	40	40	40	40	40	40	39.17
Malappuram	76	78.50	78.50	78.50	78.50	88.50	88.50	88.50	108.50	93.50	93.50	100	87.58
Kozhikode	80	80	80	80	82.50	80	80	80	82.50	85	85	85	81.67
Kannur	62.50	62.50	62.50	62.50	62.50	70	70	70	70	70	70	67.50	66.67
State													69.35

Other agricultural labour (Men) 1997-98

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
	2	3	4	5	6	7	8	9	10	11	12	13	14
1													
Thiruvananthapuram	112.50	112.50	112.50	115	115	127.50	127.50	127.50	130	115.00	120.00	127.50	120.21
Kollam	112.50	112.50	112.50	112.50	112.50	122.50	122.50	122.50	117.50	117.50	117.50	117.50	120.79
Alappuzha	96.50	101.50	101.50	101.50	102	102	102	112	102	102.00	102.00	102.00	102.25
Kottayam	90	90	90	90	90	90	90	90	90	90	90	90	90.00
Ernakulam	95	95	95	107.50	107.50	107.50	122.50	110	110	120.00	112.50	112.50	107.92
Thrissur	122.50	125	125	137.50	137.50	137.50	137.50	137.50	145	137.50	137.50	137.50	134.79
Palakkad	67.50	67.50	67.50	70	75	75	75	75	75	75	75	75	72.71
Malappuram	121	121	121	121	121	123.50	123.50	123.50	123	123.50	123.50	125	122.58
Kozhikode	100	100	100	100	100	100	100	100	110	112.50	112.50	112.50	103.96
Kannur	82.50	82.50	82.50	82.50	82.50	82.50	82.50	80	82.50	82.50	80.00	72.50	81.25
State													105.65

Other Agricultural labour (women)

District	July	August	September	October	November	December	January	February	March	April	May	June	Average
	2	3	4	5	6	7	8	9	10	11	12	13	14
1													
Thiruvananthapuram	112.50	100	125	112.50	112.50	125	100	112.50	112.50	125	90	137.50	113.75
Kollam	100	100	100	100	100	110	110	110	105	105	105	92.50	103.13
Alappuzha	-	-	-	-	-	-	-	-	-	-	-	-	-
Kottayam	85	85	95	85	85	85	85	85	85	85	85	82.50	86.63
Ernakulam	85	85	85	85	85	85	95	95	82.50	100	110	87.50	90
Thrissur	92.50	92.50	92.50	92.50	95	95	95	95	97.50	95	95	87.50	93.75
Palakkad	37.50	37.50	37.50	37.50	37.50	40	40	40	40	40	40	40	38.96
Malappuram	91	96	96	96	96	98.50	98.50	98.50	98.50	98.50	98.50	97.50	96.95
Kozhikode	122.50	122.50	122.50	122.50	125	125	125	125	135	137.50	137.50	90	124.17
Kannur	65	65	65	65	65	65	65	65	65	45	45	70	62.08
State													89.94

PART - IV

Working Class Consumer price Index Numbers

The Consumer Price Index Numbers for the state are being compiled in respect of 15 selected centres with the base 1970 = 100. The Indices for the various centres for the year 1995, 1996, and 1997 are furnished below

4.1 Consumer Price Index Numbers for various centres

Sl. No	Centres	Yearly average consumer price index numbers			% change with respect to previous years	
		1995-96	1996-97	1997-98	6	7
1	2	3	4	5	6	7
1	Thiruvananthapuram	756	838	919	10.85	9.67
2	Kollam	767	860	942	12.13	9.53
3	Punalur	701	781	868	11.41	11.14
4	Alappuzha	757	839	916	10.83	9.18
5	Kottayam	756	839	909	10.98	8.34
6	Mundakkayam	747	824	890	10.31	8.01
7	Munnar	729	797	871	9.33	9.28
8	Eranakulam	729	818	892	12.21	9.05
9	Chalakkudy	768	847	928	10.29	9.56
10	Thrissur	756	835	908	10.45	8.74
11	Palakkad	764	846	918	10.73	8.51
12	Malappuram	785	863	927	9.94	7.42
13	Kozhikode	747	831	902	11.24	8.54
14	Meppady	789	870	946	10.27	8.74
15	Kannur	768	853	923	11.07	8.21

Table 4.2 Centre wise – Month wise General Index for the year 1995 on Base 1970=100

Centers	Jan	Feb	Mar	April	May	June
I	2	3	4	5	6	7
Thiruvananthapuram	730	738	741	746	752	760
Kollam	738	744	748	756	764	772
Punalur	680	684	686	692	699	706
Alappuzha	731	737	741	746	754	762
Kottayam	728	735	739	746	754	761
Mundakkayam	726	731	733	739	745	751
Munnar	713	718	718	721	726	731
Eranakulam	699	707	712	718	726	734
Chalakkudy	744	751	755	761	766	773
Thrissur	728	736	740	747	753	759
Palakkad	736	743	748	754	761	768
Malappuram	756	765	771	778	784	791
Kozhikode	718	728	733	738	744	752
Meppady	758	767	771	778	785	794
Kannur	740	747	753	760	765	772

Centers	July	Aug	Sept	Oct	Nov	Dec	Ave
I	8	9	10	11	12	13	14
Thiruvananthapuram	767	771	774	776	778	784	760
Kollam	779	784	789	792	795	805	772
Punalur	712	715	719	721	725	730	706
Alappuzha	769	773	776	779	782	788	762
Kottayam	769	773	777	779	783	790	761
Mundakkayam	757	760	764	767	771	778	752
Munnar	737	740	743	746	749	756	733
Eranakulam	742	746	750	752	755	761	734
Chalakkudy	780	782	785	787	790	796	773
Thrissur	767	771	776	779	782	789	761
Palakkad	775	779	784	787	791	798	769
Malappuram	798	801	804	806	808	816	790
Kozhikode	759	762	766	768	771	779	752
Meppady	802	806	811	814	817	823	794
Kannur	779	783	787	790	793	803	773

Table 4.3 - Centre wise – Month wise General Index for the year 1996 on Base 1970=100

Centers	Jan	Feb	Mar	April	May	June
I	2	3	4	5	6	7
Thiruvananthapuram	793	802	811	819	829	842
Kollam	816	826	833	840	850	863
Punalur	740	747	755	762	771	783
Alappuzha	797	805	813	821	830	840
Kottayam	799	809	815	822	829	839
Mundakkayam	785	794	800	806	814	826
Munnar	761	767	773	779	786	796
Eranakulam	770	780	789	797	807	819
Chalakkudy	802	810	819	827	834	847
Thrissur	796	803	809	816	825	835
Palakkad	805	813	820	828	838	848
Malappuram	824	833	840	846	855	864
Kozhikode	788	796	804	812	821	834
Meppady	831	838	846	853	860	872
Kannur	814	822	829	835	844	856

Centres	July	Aug	Sept	Oct	Nov	Dec	Ave
I	8	9	10	11	12	13	14
Thiruvananthapuram	851	856	859	859	865	875	838
Kollam	871	877	881	883	889	897	860
Punalur	791	797	801	803	808	815	781
Alappuzha	849	855	859	861	866	874	839
Kottayam	847	852	856	859	864	871	839
Mundakkayam	835	839	842	844	849	855	824
Munnar	804	810	815	817	823	831	797
Eranakulam	829	835	840	843	848	858	818
Chalakkudy	858	864	868	871	876	883	847
Thrissur	845	850	855	858	863	870	835
Palakkad	856	861	865	867	872	880	846
Malappuram	873	878	879	880	886	893	863
Kozhikode	842	847	851	854	859	868	831
Meppady	881	885	889	891	895	901	870
Kannur	865	871	872	873	875	883	853

Table 4.4 - Centre wise – Month wise General Index for the year 1997 on Base 1970=100

Centres	Jan	Feb	Mar	April	May	June
1	2	3	4	5	6	7
Thiruvananthapuram	882	888	892	896	901	911
Kollam	906	913	918	923	928	938
Punalur	823	830	837	845	851	862
Alappuzha	882	889	894	898	905	914
Kottayam	878	884	887	891	898	907
Mundakkayam	863	870	874	877	880	886
Munnar	840	846	850	855	861	868
Eranakulam	866	873	876	879	884	891
Chalakkudy	890	897	903	908	913	925
Thrissur	878	885	889	893	898	907
Palakkad	888	894	898	901	906	916
Malappuram	900	906	909	913	917	925
Kozhikode	876	883	886	890	894	900
Meppady	908	915	922	930	935	945
Kannur	891	898	902	906	910	918

Centres	July	Aug	Sept	Oct	Nov	Dec	Ave
1	8	9	10	11	12	13	14
Thiruvananthapuram	922	934	939	946	954	964	919
Kollam	947	955	959	965	971	976	942
Punalur	874	887	892	895	902	912	868
Alappuzha	922	931	933	936	939	945	916
Kottayam	917	926	927	928	930	936	909
Mundakkayam	895	902	904	906	909	914	890
Munnar	875	881	886	890	896	900	871
Eranakulam	898	904	904	906	911	916	892
Chalakkudy	935	945	946	951	957	962	928
Thrissur	914	920	924	925	927	932	908
Palakkad	926	932	936	937	941	946	918
Malappuram	935	940	941	942	944	949	927
Kozhikode	907	914	915	916	919	924	902
Meppady	952	960	964	968	973	979	946
Kannur	928	935	939	944	948	952	923

4.5 Parity Index

The index of parity measures the variation in the economic prosperity of the farmer in relation to changing farm prices, farm cultivation cost and domestic expenditure as compared to the position in the base period. This is defined as the ration of the index of prices received and the index of prices paid by farmers expressed as a percentage.

The index of prices received by farmers is a measure of relative changes in respect of a farmer from important agricultural products as a result of changes in farm prices. The changes are measured based in the prices prevailed in the base year 1952-53. The weighted average of the price relative of the current farm prices to those of the base year is defined as the index of prices received. For the construction of the index the following crops are considered.

- 1) Paddy, (2) Coconut, (3) Arecanut, (4) Cashew nut, (5) Tapioca (6) Ginger (7) Pepper (8) Banana (9) Sugar cane.

The index number of the prices paid by the farmer for farm cultivation cost and domestic consumption as a result of changes in wage rates, cost of implements, cost of manure, cost of maintenance of the live stock and prices of consumer goods as compared to the situation in the base year.

4.6 Index Number of Parity (Base 52-53=100)

No	Month	1995	1996	1997
1	January	80	77	87
2	February	80	79	87
3	March	79	78	82
4	April	79	77	82
5	May	79	76	82
6	June	78	76	83
7	July	76	74	85
8	August	75	77	83
9	September	76	78	83
10	October	76	77	79
11	November	75	81	80
12	December	75	86	79

4.7 Classification of Soil

Sl. No.	District	Type of soil	Details of Distribution
1	2	3	4
1	Thiruvananthapuram	<ol style="list-style-type: none"> 1. Fairly rich brown loam of lateric origin 2. Sandy loam 3. Riches dark brown loam of granite origin 	<p>Loam of middle part of the District</p> <p>Western coastal region</p> <p>Eastern hilly part of the district</p>
2	Kollam	<ol style="list-style-type: none"> 1. Sandy loam 2. Laterite soil 3. Hill and forest soil 	<p>Karunagappally and part of Kollam Taluk</p> <p>Kottarakkara and part of Kunnathur and Pathanapuram taluk.</p> <p>Part of Pathanapuram taluk</p>
3	Pathanamthitta	<ol style="list-style-type: none"> 1. Laterite soil 2. Hill and forest soil 	<p>Pathanamthitta, Mallappally, Ranny and parts of Thiruvalla taluks.</p> <p>Parts of Pathanamthittan and Ranny taluks</p>
4	Alappuzha	<ol style="list-style-type: none"> 1. Sandy loam 2. Sandy soil 3. Clay and loam with much of acidity 4. Laterite soil 	<p>Karthikappally and Mavelikara taluk</p> <p>Cherthalai and Ambalapuzha taluks</p> <p>Kuttanad</p> <p>Chenganur and part of Mavelikara</p>
5	Kottayam	<ol style="list-style-type: none"> 1. Laterite soil 2. Alluvial soil 	<p>Part of Meenachil, Changanacherry and Kottayam taluks</p> <p>Parts of Changanacherry and Kottayam taluks</p>

1	2	3	4
6	Indukki	1. Laterite soil 2. Alluvial soil	Peerumadu and Thodupuzha taluks Devikulam and Udambanchola taluks
7	Eranakulam	1. Laterite soil 2. Sandy loam 3. Alluvial	Moovattupuzha and part of Kunnathunadu Parur, Kochi and Kanayannur taluks Part of Aluva and Kunnathunadu
8	Thrissur	1. Sandy loam 2. Laterite 3. Granite 4. Clay	Par of Mukundapuram, Thrissur and Chavakkad taluks Western portion of Thalappilly and Eastern parts of Thrissur taluks Northern part of Thalappilly Back water are in Chavakkad and part of Mukundapuram
9	Palakkad	1. Sandy soil 2. Laterite 3. Black soil	River side areas Ottappalam, Mannarkkad and Palakkad taluks North eastern portion of Chittoor taluk
10	Malappuram	1. Sandy soil 2. Laterite	Coastal areas of district Major parts of the district barring coastal areas
11	Kozhikode	1. Laterite 2. Sandy	Major parts of the district barring coastal areas Coastal areas
12	Wayanad	Laterite	Most part of the district
13	Kannur	1. Laterite 2. Sandy	Major parts of the distrit barring coastal areas Coastal areas

4.8 Conversion ratio between the raw materials and the processed product

1	Rice	Rice (cleaned) production 2/3 of paddy processed
2	Cotton	Cotton lint production 1/3 of kapas processed
		Cotton seed production 2/3 of kapas processed
3	Ground nut	Kernel to nuts in shell 70 percent
		Oil to nuts in shell 28 percent
		Oil to kernels crushed 40 percent
		Cake to kernels crushed 60 percent
4	Seasamum	Oil to seed crushed 40 percent
		Cake to seeds crushed 60 percent
5	Caster seeds	Oil to seeds crushed 37 percent
		Cake to seeds crushed 63 percent
6	Coconuts	Copra to nuts one tonne copra 6775 nuts
		Oil to copra crushed 62 percent
		Cake to copra crushed 38 percent
7	Neem seed	Oil to kernel crushed 45 to 50 percent
		Cake to kernels crushed 50 to 55 percent
8	Sugar	Gur from cane crushed 10 percent
		Crystal sugar from gur refined 62.40 percent
		Crystal sugar from cane crushed 9.97 percent
		Khandassari sugar from gur refined 37.5 percent
		Molasses from cane crushed 3.5 percent
9	Cashew nuts	Cashew nuts kernals 25% of Cashew nuts
		Buttu from mixed milk 6.3 percent
		Ghee from mixed milk 5.3 percent

4.9 Major Nutrients in Fertilizers and Manures (Percentage)

Sl. No		N ₃	P ₂ O ₅	K ₂ O
1	2	3	4	5
1	Ammonium Sulphate Nitrate	26.0		
2	Ammonium Sulphate	20.5		
3	Ammonium Nitrate	33.5		
4	Ammonium phosphate	16.0	20.0	
5	Diammonium phosphate	18.0	46.0	
6	Calcium ammonium nitrate	20.5		
7	Nitrate of soda	16.5		
8	Calcium nitrate	15.3		
9	Urea	46.0		
10	Super phosphate – Single		18.0	
11	Super phosphate – Double		35.0	
12	Super phosphate – Triple		45.0	
13	Rock phosphate		28.3	
14	Hyper phosphate		27.3	48
15	Sulphate of potash			50 or 60
16	Muriate of potash			
17	Ground nut cake	7.0	1.5	1.3
18	Caster cake	4.3	2.0	1.3
19	Mustard cake	4.5	1.5	
20	Mahua cake	2.5	0.8	1.8
21	Neem cake	5.2	1.0	1.4
22	Gingelly cake	6.2	2.0	1.2
23	Coconut cake	3.0	1.9	1.8
24	Poultry manure	1.2 – 1.5		
25	Deep litter poultry manure	3.0	2.78	2.0
26	Sheep manure	0.8 – 1.6		
27	Horse manure	0.6 – 1.6		
28	Farm yard manure	0.4	0.3	0.2
29	Fresh cow dung	1.57	0.25	0.18
30	Compost	0.5	1.26	0.5
31	Bone meal	3.5	21.0	
32	Fish meal	4.1	3.9	0.3
33	Blood (dried)	11.5	1.5	0.6
34	Meat meal	11.0		0.6
35	White fish meal	10.0	10	1.0
36	Mussori phos		20.24	

4.10 Insect/Pests affecting paddy crops, then distribution and some practical methods of control

Sl. No	Name of pest	Nature of damage	Control measure
1	2	3	4
1	Rice Swarming Caterpillar (Spodoptera nayrutal)	Caterpillar appear in swarms and eat away leaves in the early vegetative phase. The presence of the caterpillars in the early stages can be ascertained by sweeping with hand net.	Spray the crop with BHC 50 wp (2.5 Kg/ha) Methyl Parathion 50 EC (500ml./ha)/ Carbary 15 W.p (2.5 Kg/ha)/Endosulfan/Truhloro form be Fentheon as soon as the Caterpillars are noted.
2	Rice Stem Bores (Seripophage incertalas)	In the vegetative phase the central shoot is seen dead, turning yellow in colour (dead heart) in the ear-bearing stage, the ear head appears completely chaffy and white in colour (with ear head). Both come out easily when pulled out and show indication of Caterpillar attack at the tips.	Fenthuin 100Ec(500ml/ha) Quinalphos 75Ec(1000ml/ha) Quinalphose 5G(20 kg/ha) Fenitrothron 50Ec (1000 ml/ha) Fenitrothen 100Ec (500 ml/ha) Carbofuran 3G (18 kg/ha) Carbary 150Wp(2.5 kg/ha) Methyl parathion 50EC (500 ml/ha) Pgosphamedon 100EC (250 ml/ha) Monocrophes 40Ec(600 ml/ha)
3	Rice Bug (Leptocorisacuta)	Look out for bug in the field during the early ear-bearing stage. When plants are disturbed, the bugs are seen flying away omitting a characteristic colour. Due to desapping grains show brownish patches on the husk. Since the occurrence of rice bug councides with the flowering stage of crop, application of insecticides may be done before 9 am. or after 3 pm. So that the fertilization of the flowers may not be adversely affected.	Carbary 150Wp(2.5 kg/ha) Fermethin 25Ec (1000 ml/ha) Methyl Parathin 50Ec (500 ml/ha) BHC 10 D.P (25 kg/ha) Malathin 50Ec (1000 ml/ha)
4	Gall Midgs (Orscoliaoryzac)	Presence of yellowish or violet tubular out growth in place of central leaf is the symptom (silver sheet). The symtem appears from the nursery to the billering phase	Carbary 150Wp (2.5 kg /ha) Quinalphes 25Ec (1000 ml/ha) Bhorate 10G (12.5 Kg/ha) Carbofuran 3G(18 kg/ha) Phosphamidon 100EC (250 ml/ha) Quinalphes 5G (20 Kg/ha)
5	Paddy leaf Roller (Gaphalocressis medinalis)	The leaves are seen folded or wobbbed together with white patches on them indicating the areas fed on by the Caterpillar. When folded leaves opened green Caterpillars are wriggle out and fall to the ground. Appearance of white patches in the field indicates the attack. All the stages of the crop are attacked.	Quinalphes 25Ec (1000 ml/ha) Carbary 150Wp (2.5 kg/ha) Monocrotophes 40Ec (600 ml/ha) Fenitrothion 50Ec (100 ml/ha) Fenthein 100Ec (500 ml/ha) Phosalone 35Ec (1000 ml/ha) Methyl parathion 50Ec (500 ml/ha)

1	2	3	4
6	Brown plants Hopper (Nilaparvata lugens)	Yellowish circular patches appear here and there in the field. The plants in these areas soon dry up (Hopper burn) and the yellowing and drying extend rapidly. Examine the plants as soon as the yellowing appears. Presence of the hoppers at the base of the plants confirms infestation. While spraying and dusting care should be taken that the insecticides reach the base of the plants.	Carbary 150Wp (2.5 kg/ha) Quinalphes 25Ec (1000 ml/ha) Fenthio 100Ec (500 ml/ha) BHC 50wp (2.5 kg/ha) BHC 10 Dp (25 kg/ha) Phosphamidon 100Ec(250 ml/ha) Carbofuran 3G (18 kg/ha) Monocrotophes 40Ec (600 ml/ha) Phosaloue 35Ec(1000 ml/ha)
7	Rice Hispa (Dicla disparmigera)	In earlystages white patches with stunted growth are seen. Closer examination reveals the presence of small black spiny beetles. The adults feed on green tissues of leaves and scar appears as white lines. The grubs mine the leaves causing formation of white blotches	Apply BHC 10 Dp (25 kg/ha) When infested.
8	Whorl Maggols (Hydrelliasp)	Common in nurseries and in main field up to 4-6 week after trasplanting yellowish patches and streaks are seen along margin o f leaves which may deform	Apply Phorate 100 (12.5 kg/ha) in egtation is save.
9	Rice jassid (Cofanaspectra Nipho)	General yellowing of leaves is seen in severe attack. When the plants are distrubed jassids jump out	Carbary 150Wp (2.5 kg/ha) Phosphamidon 100 Ec (250 ml/ha) Quinalphes 25Ec (1000 ml/ha) Monocuotophes 40Ec (600 ml/ha) Fenitrothion 50Ec (1000 ml/ha)
10	Rice thrips (Balio thrips bi formis)	The crop is highly suscceptible in the nursery stage and for the first 20-25 days after transplanting / sowing. The tips of leaves get folded longiterdinally into needle like out growths and turn whitish. In severe cases, the lower leaves also turn yellowish. The infestation may be rated as mild, if there are less than 3 dry needle-line leaves as severe. If there are more that 3 out growths with the lower leaves also sowing chorosis and scorching.	In severe infertations apply carbary 150Wp (1.25 kg/ha) plus DDVP 100Ec (250 ml/ha) Dime theate 40Ec (1 Ltr/ha) or Quinal phes 25Ec (1 Hr/ha)
11	Rice rootnematode (Hirschmanniella Oryzac)	Attracts paddy roots and make them hollow affects absorption of water and nutrients plants show stunted growth in patihes. Tiller production is affected.	Treat the nursery with Carbofuran 0.75 kg/ha and dipseedlings in 0.2% Dime theate for six hours before transplanting.

4.11 List of Rain gauge Station in Kerala

1. Thiruvanthapuram	5. Kottayam	9. Palakkad
1. Ponmudi	1. Changanacherry	1. Alathur
2. Varkala	2. Kottyam (Agronnet)	2. Plakkad
3. Attingal	3. Kumarakom	3. Parali
4. Nedumangad	6. Idukki	4. Ottapalam
5. Thiruvananthapuram(B)	1. Chinnar	5. Cherpulassery
6. Neyyattinkara	2. Marayur	6. Mannar kadu
7. Parassala	5. Munnar	7. Chittur
8. Thiruvanthapuram (Aerodrome)	6. Devikulam	8. Pattambi
9. Vellayani (A.N)	7. Kumily	10. Malappuram
2. Kollam	8. Peerumedu (Taluk)	1. Perinthalmanna
1. Kottarakkara	9. Peerumedu (Residency)	2. Ponnani
2. Punalur	10. Vandanmedu	3. Manjeri
3. Karunagappally	11. Velloor	4. Nilambur
4. Ariankavu	12. Karikode (Thodupuzha)	5. Thirurangadi
5. Kollam	7. Eranakulam	11. Kozhicode
6. Paravur	1. Malayattur	1. Kozhicode
7. Kulathupuzha	2. Parur	2. Koilandy
8. Nilamel	3. Perumbavoor	3. Vadakara
3. Pathanamthitta	4. Aluva	4. Muthunga
1. Konni	5. Neriyamangala	5. Kuppady
2. Adoor	6. Muvattupuzha	6. Kuttiyadi (Dam)
3. Thiruvalla	7. Kochi (b)	7. Kuttiyadi (P.H)
4. Pathanamthitta	8. Eranakulam	12. Wayanad
4. Alappuzha	9. Piravam	1. Vythiri
1. Arukutty	8. Thrissur	2. Manathavady
2. Cherthala	1. Kodungallur	3. Peria
3. Alappuzha (B)	2. Mukundapuram	4. Chedlath
4. Ambalapuzha	3. Thrissur	13. Kannur
5. Chenganur	1. Thalappilly	1. Thaliparamba
6. Haipad	2. Ollurkara	2. Kannur
7. Mevelikkara	4. Peechi	3. Thalassery
8. Kayamkulam	5. Chalakkudy	4. Irikkur
5. Kottayam	6. Potta	5. Payyannur
1. Vaikom	7. Muttathur	6. Mahe
2. Palai	8. Thumburmoozhi	14. Kasaragod
3. Ettumanoor		1. Hosdurg
4. Kanjirappally		2. Kasaragod
		3. Kasaragod (Agromet)

4.12 Glossary of English, Botanical and Malayalam Names of Crops

Sl No.	English Name	Malayalam Name	Botanical Name
1	2	3	4
	Cearls		
1	Paddy	Nellu	Oryza Sathva
2	Ragi	Koovaraku	Eleusine Coracan
3	Jower	Cholam	Scrghwm Valgare
4	Bajra	Kambu	Ponnistam Scrobiculatam
5	Marize	Mokke cholam	Zea Mays
6	Kodamillel	Varagu	Paspalum Scrobiculatum
7	Chama	Chama	Panicum sumatrense
8	Wheat	Gothambu	Triticum vulgare
9	Barley	Barley	Hordem vulgare
	Pulses		
1	Black gram	Uzhunnu	Vigna mungo
2	Green gram	Cherupayar	Vigna radiata
3	Horse gram	Muthira	Macrotyloma uniflorum
4	Red gram	Thuvarappayar	Cajanus cajan
5	Cowpea Soyabean	Perum payar	Vigna unguiculata
	Suagar Crops		
1	Sugar cane	Karimbu	Sacharum officianarum
2	Palamirah	Karimpana	Boreassus flabellifar
	Tubers		
1	Tapioca	Marecheeni	Manihot esculenta
2	Colocasia	Chembu	Colocasia esculenta
3	Elephant foot	Chena	Amor phophallus
4	Yam	Kachil	Dioscorea alata
5	Turnip	Seemamullangi	Brassica rapa
6	Potato	Urula kizhangu	Solanum tuberosum
7	Sweet potato	Cheeni kizhangu	Lpomoea batatas
8	Radish	Mullangi	Raphanus sativus
9	Carrot	Carrot	Daucus curota

1	2	3	4
	Vegetables		
1	Brinjal	Vashuthana	Solanum melongena
2	Tomato	Thakkali	Lycopersicon esculentum
3	Chilli	Mulaku	Capsicum annum
4	Amaranthus	Cheera	Amaranthus
5	Okra	Venda	Abel moschus esculentus
6	Bitter gourd	Paval	Momordia chasanslia
7	Bottle gourd	Churakka	Lagenaua siceraria
8	Snake gourd	Padavalam	Trich osanthus anguina
9	Ridge gourd	Peechanga	Luffa acutangula
10	Ash gourd	Kumbalam	Benincasa hispida
11	Little gourd	Koval	Coccina grandis
12	Sword bean	Valariga	Canavila gladiata
13	French bean	Beans	Phaseolus vulgaris
14	Beet root	Beet root	Beta vulgaus
15	Cabbage	Muttakose	Brassica oleracea var capitata
16	Carrot	Carrot	Daucus carota
17	Cauliflower	Caluliflower	Brassica oleracea
18	Indian bean	Amara	Lablab pupurcus
19	Drumstick	Muringa	Moringa olerfera
20	Musk melon	Thai kumbalam	Cucumis melo
21	Onion	Ulli	Alleum cepa
22	Pampkin	Mathan	Cucurbita mosehata
23	Red pumbkin	Vellarimathan	Cucurbita maxima
	Fruits		
1	Banana	Etha vazha	Musa spp
2	Plantain	Vazha	Musscpientium
3	Bread fruit	Seemachakka	Arto carpus altilis
4	Bull ocks heart	Malamunthiri	Anno na reticulata
5	Cashew	Kasuvandi	Anacardiam Occidentale
6	Sweet sop	Seethapazham	Annona squamosa
7	Grapes	Munthiringa	Vitis vinifera
8	Guava	Perakka	Psidium guajava
9	Jack	Chakka	Artocarpus heterophylus
10	Jujube	Elantha	Zizyphus jujuba
11	Lemon	Naranga	Citurs limon
12	Lime	Cherunaranga	Citus aucian tifolia
13	Mango	Manga	Mangifera india
14	Mangosteen	Mangosteen	Garcinia mangostana
15	Pappaya	Pappakka	Carica papaya
16	Pine apple	Kaithachakka	Ananas comosus
17	Pouegrante	Mathalanaranga	Punica granatum
18	Sapota	Sapota	Achras zapota
19	Mandarin	Orange	Citrus reticulata
20	Pomelo	Bamplimas	Citrus decumana

1	2	3	4
	Condiments and spices		
1	Chilli	Mulagu	Capsicum annuum
2	Turmeric	Manjal	Curcuma domestica
3	Coriander	Kothamalli	Coreandeuum sativum
4	Indian mustard	Kaduku	Brassica junica spp. Juncea
5	Cumin	Jeerakam	Cuminum cyminum
6	Pepper	Kurumulaku	Piper nigrum
7	Garlic	Veluthulli	Allium sativum
8	Ginger	Inchi	Zingiber olpcinale
9	Cardamom	Elam	Elettaria cardamomum
10	Long pepper	Thippili	Diper longum
11	Nutmeg	Jathika	Myristica fragrans
12	Cinnamon	Karuvapatta	Cinnamomum zelancioum
13	Clove	Grambu	Syzygium aromaticum
14	Fennel	Permjeerakam	Foeniculum vugare
15	Cinchona	Cinchona	Cinchona officinalis
16	Allspice	Allspice	Pimenta dioica
	Oil Seeds		
1	Cocount	Thenga	Cocos nucifera
2	Seasmum	Ellu	Sesamum indicum
3	Groundnut	Nilakkadala	Arachis hypogaea
4	Indian mustard	Kaduku	Brassica funcea spp. Juncea
5	Cast	Avanakku	Ricinus communis
6	Oil palm	Ennappana	Elaeis guineesis
	Beverages		
1	Coffee	Kappi	Coffea spp
2	Tea	Theyila	Comellia sinesis
3	Cocoa	Cocoa	Theobroma cacao
	Green Manure crops		
1	Glyricida	Seemakonna	Gliricidia maculata
2	Gotalaua	Kilukki	Crotalaria mucronata
3	Sunnhemp	Kattuchanambu	Crotalaria juncea
4	Calapagonium	Calapagonium	Calapogonium muconoides
5	Kudzuvine	Kudzu payar	Pueraria javanica
6	Wild indigo	Kozhinji	Tephrosra purpurea

1	2	3	4
	Folder crops		
1	Bermuda	Karuka	Cynodon dactylon
2	Napier	Napier	Pennisetun puspureum
3	Guinea	Kuthirappullu	Panicum maximum
4	Para	Parappullu	Brachiaua mutica
5	Tropical kudzu	Kudzu	Puerauq phaseolides
	Other Crops		
1	Tobacco	Pukayila	Nicotiana tabacum
2	Betel vine	Vettila	Diper betle
3	Arecanut	Kamuku	Areca catechu
4	Para rubber	Rubber	Hevea brasiliensis
5	Sugarcane	Karimbu	Saccham officinarum
	Trees		
1	Teak	Thekku	Teitona grandis
2	Ebony	Karimaram	Diospyros ebum
3	Jungle Jack / Aini	Anjili	Artocarpus birsutus
4	Poon	Kattupunna	Calophyllum polyanthum
5	Tree of heaven	Perumaram	Ailanthus excelsa
6	Sain / haurel	Karimaruthu	Terminalia erenulta
7	Kindal	Vellamaruthu	T. Paniculta
8	Gurjin	Vella Ayani	Dipterocarpus indius
9	Mango	Mavu	Mangifera india
10	Iron wood tree	Kadamaram	Xylia zylocarpa
11	Venteak	Venthekku	Lagerstroemia microcarpa
12	Siris	Vaka	Albizia lebbeck
13	Yellow teak	Manja kadambu	Haldina corifolia
14	Dita dark	Yezhilam pala	Alstonia scholaris
15	Ekadnia	Mulluvenga	Bridelia squamosa
16	Mahagany	Mahagany	Swietenia mahogani
17	Indian rose wood	Eetty	Dalbergies la tifolia
18	Jack	Plavu	Artocarpus heterophyllus
19	Bead tree	Manjadi	Adenan therea pavouina

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1	Food	
2	Non-food	
3	Other Crops	
4	Tobacco	
5	Other Crops	
6	Food	
7	Non-food	
8	Other Crops	
9	Tobacco	
10	Other Crops	
11	Food	
12	Non-food	
13	Other Crops	
14	Tobacco	
15	Other Crops	
16	Food	
17	Non-food	
18	Other Crops	
19	Tobacco	
20	Other Crops	
21	Food	
22	Non-food	
23	Other Crops	
24	Tobacco	
25	Other Crops	
26	Food	
27	Non-food	
28	Other Crops	
29	Tobacco	
30	Other Crops	
31	Food	
32	Non-food	
33	Other Crops	
34	Tobacco	
35	Other Crops	
36	Food	
37	Non-food	
38	Other Crops	
39	Tobacco	
40	Other Crops	
41	Food	
42	Non-food	
43	Other Crops	
44	Tobacco	
45	Other Crops	
46	Food	
47	Non-food	
48	Other Crops	
49	Tobacco	
50	Other Crops	