

## **INTRODUCTION**

The report “Agricultural Statistics” is annually published by the Department of Economics and Statistics which contains the estimates of area under various crops, land utilization pattern, crop production and other major aspects of agricultural sector in Kerala. Initially, the data collected through land utilization survey was used for the preparation of Agricultural statistics. But the data collected and estimates prepared were inadequate on account of the small sampling frame and limited coverage. With a view to obtain more comprehensive data on Agricultural Statistics in non-reporting states like Kerala, West Bengal and Orissa, the Government of India sponsored a scheme namely ‘Establishment of an Agency for Reporting Agricultural Statistics (EARAS)’. In Kerala, the scheme is being implemented by the Department of Economics and Statistics from 1975-'76 onwards. Originally, the scheme was intended to collect Agricultural Statistics from 20 % of the selected villages in each year in a planned manner and covering the entire state within 5 years. EARAS scheme was revised in 1987-'88 with a view to prepare district level estimates with breakup for Block/ Municipality/ Corporation. Further, during 1993-'94, the Investigator Zones were re-organized by suiting the villages to Panchayats. From 2000-'01 onwards, the part panchayats were discontinued and each Investigator Zone was formed with full panchayat/ panchayats.

The area under the crops and yield rate of the crops are the most vital components in the estimation of crop production. The area statistics are collected through the Area Enumeration Survey and the yields of crops are collected through the General Crop Estimation Survey conducted under the EARAS scheme.

### **Sampling Design**

Stratified multistage random sampling method is followed in the survey. The C.D.Block/ Municipality (Municipalities with an area of less than 10 square km are merged with the adjoining Blocks)/ City Corporation is treated as a stratum. The Blocks are divided into a number of Investigator Zones depending on the area of the

block and nature of land. City Corporation is divided into three Investigator Zones. Each Municipality having an area of 10 square km or more is treated as a single Investigator Zone. The Investigator Zones within the stratum form the first stage of sampling units. Clusters within each selected Investigator Zone form the second stage units and the survey number of plots within each selected cluster forms the ultimate of sampling units.

### **Sampling Size**

In each Investigator Zone, 100 clusters are allocated among the dry lands and wet land in proportion to the area under these categories in the zone. 100 survey numbers/ subdivision numbers are selected from the Basic Tax Register by using circular systematic random sampling method. These are the key plots for cluster formation.

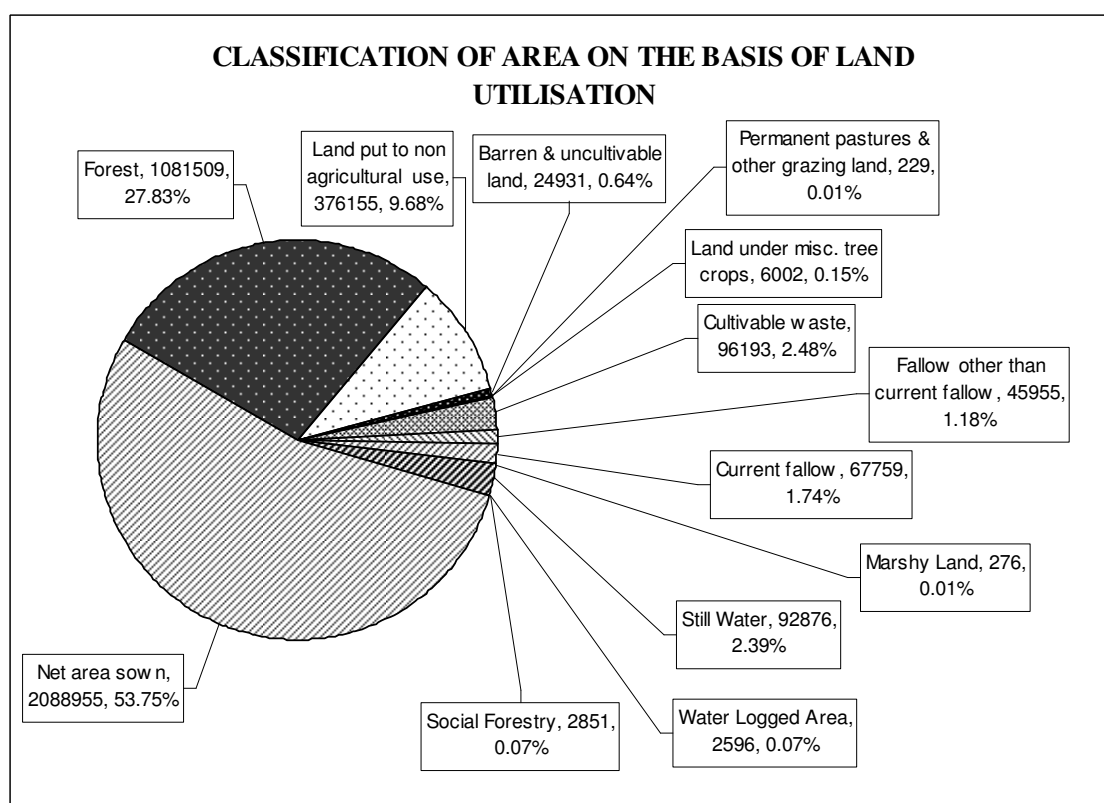
Investigators identify the survey number of the key plots and 4 or more survey numbers/ subdivision numbers adjacent to the key survey number (clubbed survey numbers, if the area of survey numbers are small) as per the Instruction Manual of the survey. Wet and Dry land clusters are enumerated separately. Wetland clusters are enumerated in all three seasons-Autumn, Winter and Summer and dry land plots are enumerated at least two times for Area enumeration during the Agriculture year. The area under the crops of each season-annual, perennial, and horticulture crops etc., land utilization details, irrigation particulars, etc. are collected by the investigators at the time of area enumeration. Simultaneously, Investigators select and conduct crop-cutting experiments of all major crops and the selected minor crops for the estimation of yield rates and production of the respective crops

The data on mean yield of crops thus obtained are provided to the National Agriculture Insurance Company for assessing the crop damages of the selected crops in the respective seasons and to pay compensation to the concerned farmers insured crops under the National Agricultural Insurance Scheme (NAIS).

## A BRIEF ANALYSIS OF THE AREA UNDER IMPORTANT CROPS

### Land use pattern

The total geographical area of the State is 3886287 Ha. Geographical area in Kerala has been classified according to thirteen different uses of land during 2008-09 which is presented in Table-2. The net area under cultivation during the year 2008-09 was 2088955 Ha, which occupies 53.75% of the total area in the State. The total cropped area is 2694943 Ha during the year 2008-09.



1. **Forest:** Forest represents all actually forested area as the lands classed or administered as forest under any legal enactment dealing with forest. The forest area of the State during 2008-09 was 1081509 Ha which is 27.83% of the total geographical area of the State. Idukki district with an area of 198413 Ha under forest is the highest among districts in the State.

2. **Land put to Non-Agricultural use:** The land put to use for purposes other than agriculture such as building, pathways, roads, canals, rivers, bus stands, railways, local reservoirs, swamps etc. are brought under this category. Area under this classification is 376155 Ha. accounting for 9.68% of the State's geographical area. In Palakkad district about 45223 Ha (10.1%) put into non-agricultural uses is the highest followed by Malappuram district with an extent of 39509 Ha.

3. **Barren and uncultivable land:** Land which can not be brought under cultivation unless at a high cost whether such land is in isolated blocks or within cultivated holdings, such as mountains, deserts, hills etc are classified as barren and uncultivable land.

The total land comes under this category is 24931 Ha. which represents 0.64% of the total geographical area of the State. Kasaragode district alone accounted for 7915 Ha which is 31.74% of the states barren and uncultivable land.

4. **Permanent pastures other grazing land:-** All grazing lands, whether they are permanent pastures or meadows are considered as permanent pastures and other grazing lands. An extent of 229 Ha which is only 0.006% of the geographical area of the State falls under this category.

5. **Land under miscellaneous tree crops :-**All cultivable lands, which is not included under net area sown, but is put to some agricultural use such as land under casuarine, thatching grass and other groves for fuel etc. are come under this category. Out of the total geographical area, land under miscellaneous tree crops and groves not included in the net area sown occupies only 0.15%.

6. **Cultivable waste :** These includes land available for cultivation but not taken up for cultivation or abandoned after a few years for one reason or the other . Such lands may be either fallow or covered with shrubs or jungles, which are not put to any use. They may be assessed or unassessed and may lie in isolated blocks or within cultivated holdings. Lands once cultivated but remaining uncultivated for five years or more in succession shall also be included in this category. The total area under cultivable waste

is 96193 Ha ie, 2.48% of the total geographical area of the State. The area under this category is highest in Palakkad district accounting 29230 Ha.

7. **Fallow other than current fallow** : Land which were taken up for cultivation but have been temporarily put off cultivation for a period of not less than one year but not more than five years due to abject poverty of the cultivators, inadequate supply of water, silting of canals and rivers etc are treated as other fallow land. The total area under other fallow land accounts 45955 Ha which is 1.18% of the total geographical area. The land under this category was highest in Palakkad with 9688 Ha followed by Ernakulam district with 6472 Ha during 2008-09.

8. **Current fallow** : Land that are kept fallow off out of the net area sown during the previous year are classified as current fallow for the reporting year. The area under this category during 2007-08 was 82953 Ha where as for 2008-09 it is 67759 Ha.

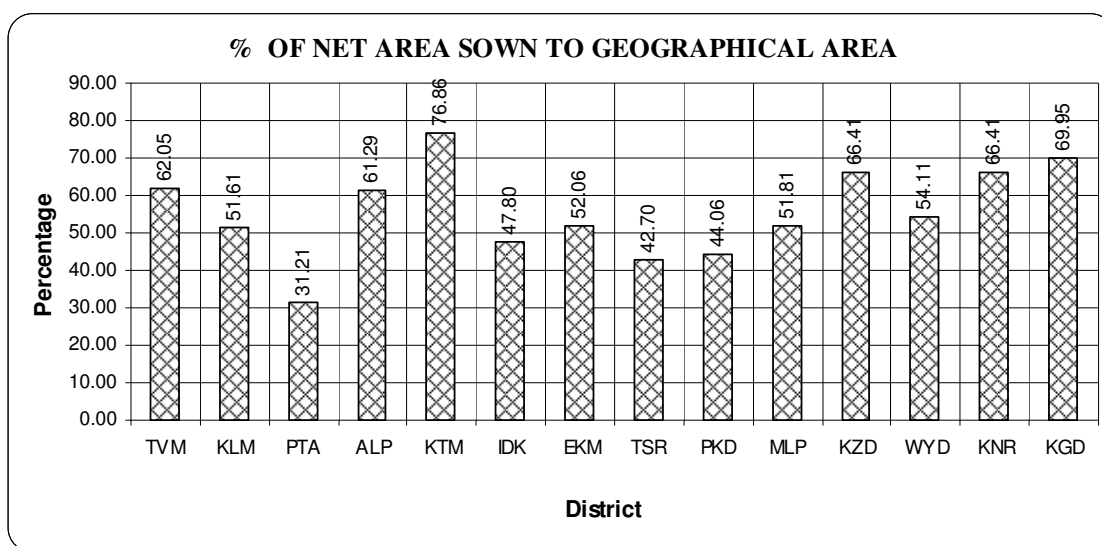
9. **Marshy land** : Land which gets permanently or periodically inundated by water and characterized by vegetation which includes grasses and weeds. Out of the total geographical area only 276 Ha come under marshy land during the year 2008-09. Kannur district with 96 Ha ranked first contributing 34.78% to the total marshy land of the State.

10. **Still water**: The land under still water is broadly the land occupied by water bodies like rivers, lakes, ponds, reservoirs, backwater, canals, tanks including nature made deeps in which water stands still for most part of the period. This is the land on which there is no vegetative growth of any kind. Out of the total geographical area of 3886287 Ha, 92876 Ha of land constituting 2.39% is land under still water. The land under still water is highest in Palakkad district followed by Alappuzha district.

11. **Water logged area** : It is the land where water is at/ near the surface and stands for most part of the year. It is generally found in low lying areas and it excludes lakes, ponds and tanks. The total water logged area for the year 2008-09 is 2596 Ha. It is the 0.07% of the total geographical area of the State.

12. **Social Forestry** : The land under social forestry is the land in which the trees are planted by the side of railway lines, road side, river and canal banks with a view to meeting the fuel and the fodder needs of the rural population and to serve the broader goals of soil conservation and provision of shed shelter for crops. It also includes village forests/plantation which are being used by common man. An extend of 2851 Ha of land comes under social forestry. The land under social forestry is highest in Idukki district followed by Palakkad district.

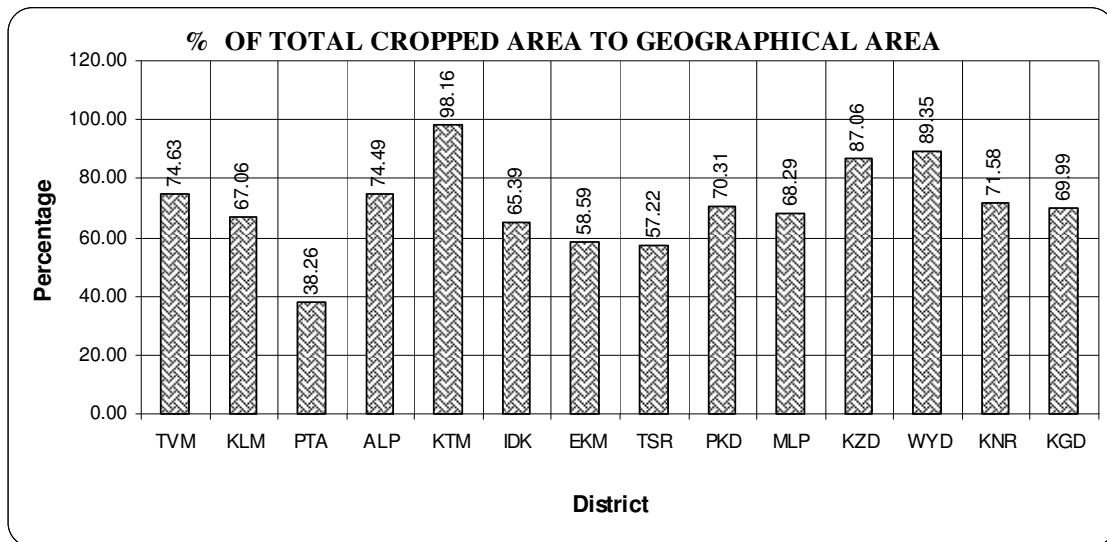
13. **Net Area Sown**: Net area sown represents the area sown under first crop during the year is Area cultivated during any part of the agricultural year should come under net area sown. In calculating the net area sown, area sown more than ones will be counted only once. Out of 3886287 Ha of total geographical area, 2088955 Ha of land constituting 53.75% is cultivated once with various crops during the year 2008-09. It is decreased by .0035% when compared with previous year.



### **Total Cropped Area (Gross Area Sown)**

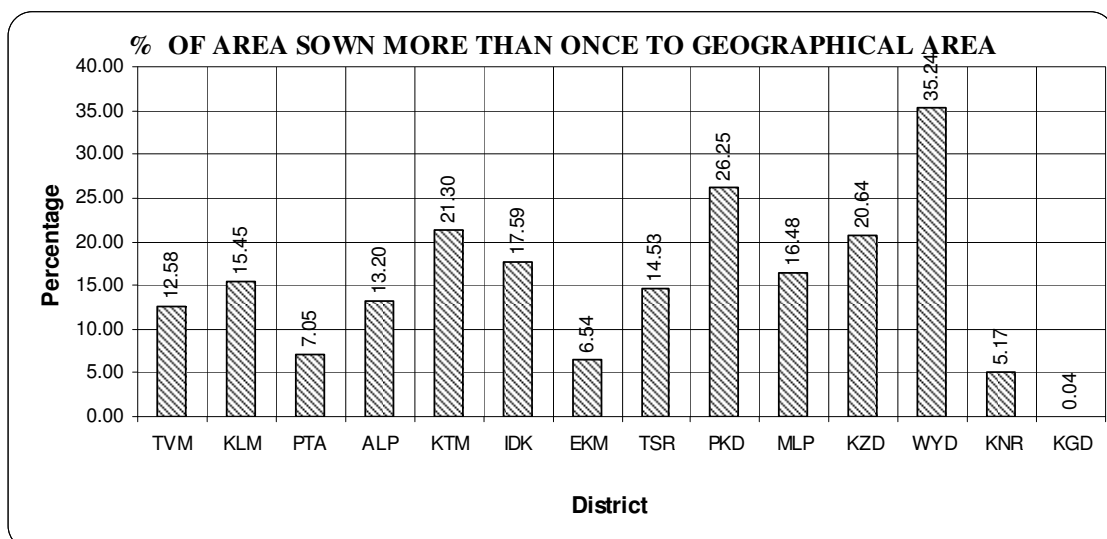
The gross area sown represents the total area cultivated under all food and non-food crops including the area sown more than once during the year 2008-09. According to this concept the area under various crops in the same plot can be more

than the actual area. The gross area sown during 2008-09 was 2694943 Ha as against 2761094 Ha in 2007-08. The gross area is decreased by 2.39% over the previous year.



**Area sown more than once**

This represents the difference between the gross area sown under all crops and the net area sown during the agricultural year. The area sown more than once during 2008-09 is 605988 Ha as against 672065 Ha in 2007-08.

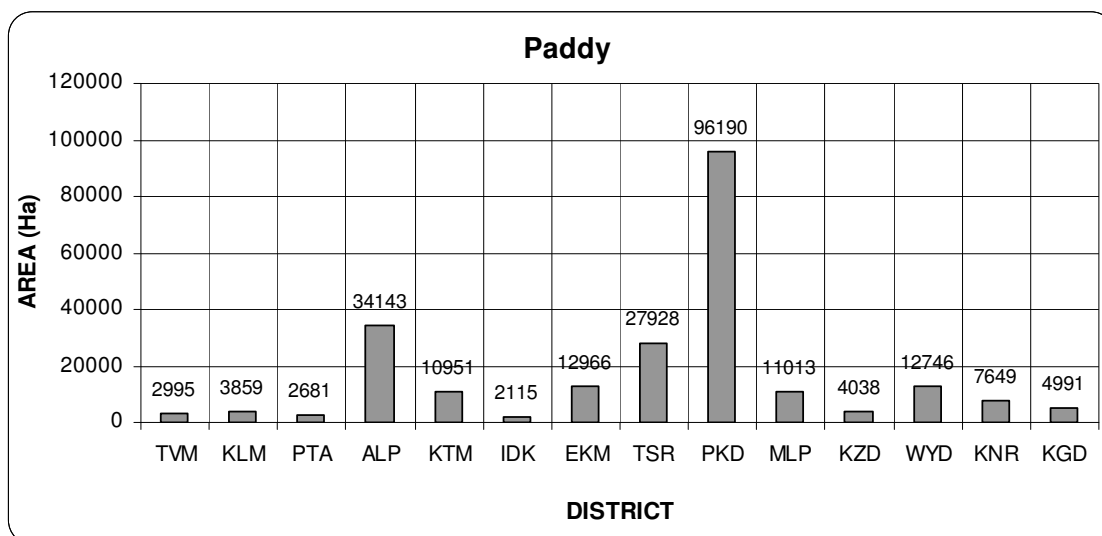


### Area of important crops

Kerala is a State where agriculture is not so predominant as in the neighboring States. Agricultural crops in the State are broadly divided into two classes, food crops and non-food crops. The main food crop in Kerala is rice. Paddy is cultivated in three seasons viz., Autumn, winter and summer seasons. Other important seasonal crops are Pulses, Tubers, Sesamum, Ginger, Turmeric, Tapioca and Ground Nut. The major annual crops grown are Banana, Plantain, Pineapple, Sugarcane and the major Perennial crops are Coconut, Arecanut, Cashew, Pepper, Nutmeg, Tea, Coffee, Rubber and Cardamom.

#### Paddy:

The area under paddy cultivation in the state was decreased regularly upto 2007-08. During the last year 2007-08, paddy was cultivated in 228938 Ha where as in 2008-09, the area is increased to 234265 Hectare. The paddy cultivated area is increased by 2.33% than the previous year. Paddy accounted 8.69% of the total cropped area in the State during 2008-09. Palakkad district is at the top with an area of 96190 Ha followed by Alappuzha district with an area of 34143 Ha. Out of the total area of paddy cultivation, Palakkad district occupies 41.06% and Alappuzha district occupies 14.57%. The paddy cultivation is least in Idukki district.

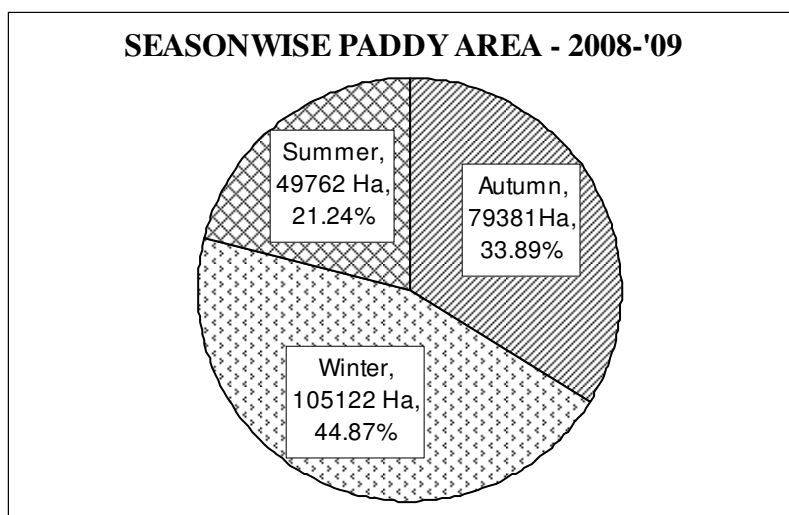




District wise paddy area and its percentage to total paddy cropped area in the State and the percentage of paddy area to the total cropped area of the State among the districts for the year 2008-09 are given in the table below:

<b>Sl. No.</b>	<b>District</b>	<b>Paddy area (ha)</b>	<b>% to state total</b>	<b>Gross cropped area (ha)</b>	<b>% of paddy area to Gross cropped area</b>
1	Thiruvananthapuram	2995	1.28	163285	1.83
2	Kollam	3859	1.65	166842	2.31
3	Pathanamthitta	2681	1.14	101502	2.64
4	Alappuzha	34143	14.57	105043	32.50
5	Kottayam	10951	4.68	216390	5.06
6	Idukki	2115	0.90	285302	0.74
7	Ernakulam	12966	5.54	179194	7.24
8	Thrissur	27928	11.92	173344	16.11
9	Palakkad	96190	41.06	314687	30.57
10	Malappuram	11013	4.70	242737	4.54
11	Kozhikode	4038	1.72	204267	1.97
12	Wayanadu	12746	5.44	190283	6.69
13	Kannur	7649	3.27	212670	3.59
14	Kasaragod	4991	2.13	139397	3.58

By analyzing the percentage of paddy area to gross cropped area in district wise, it can be seen that Alappuzha district occupies 32.50% of paddy cultivation, where as Palakkad district occupies only 30.57%. Out of the Gross cropped area, Idukki district occupies only 0.74% for paddy cultivation, which is the least among the districts. Also among the districts Palakkad districts occupies 41.06% of the total paddy area of the state.



Season-wise paddy area is given in the Table-3. Paddy area is highest in winter season and it is least in summer season. In the autumn season, paddy area is 33.89% of the total paddy area, in winter

season it comprises 44.87% of the total paddy area and in summer season it occupies only 21.24% of the total paddy area of the State during the year 2008-09.

For autumn and winter seasons Palakkad district occupies 1<sup>st</sup> position where as in summer season paddy cultivation is highest in Alappuzha district.

By analyzing the fourfold classification of area of paddy in autumn season, HYV occupies 94%, in winter season it is 80% and in summer season it is 99% over the total area under paddy in each season. The percentage of HYV (High Yielding Variety) of total paddy over the total paddy area during 2008-09 is 89% and that of Local variety is only 11%.

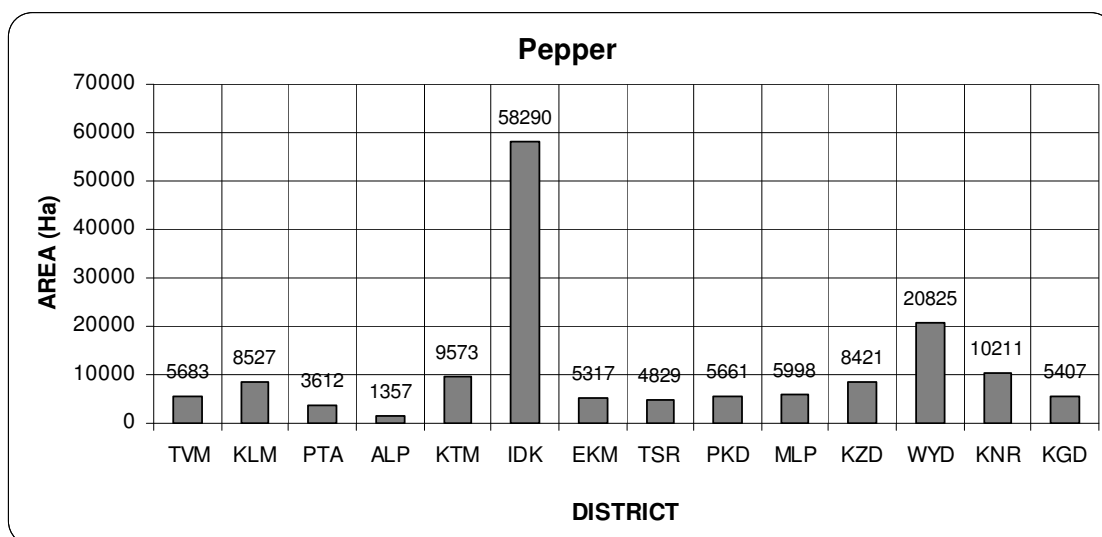
### **Sugar crops**

Two important sugar crops cultivated are sugarcane and palmyrah. Total area of sugarcane cultivation during the year 2008-09 is 3392ha and that of palmyrah it is 4297ha and the corresponding area of sugarcane during the last year was only 2991ha. Its area is increased to 13.40% when compared with previous year. During the year 2008-09, area under total sugar crops is 7689ha.

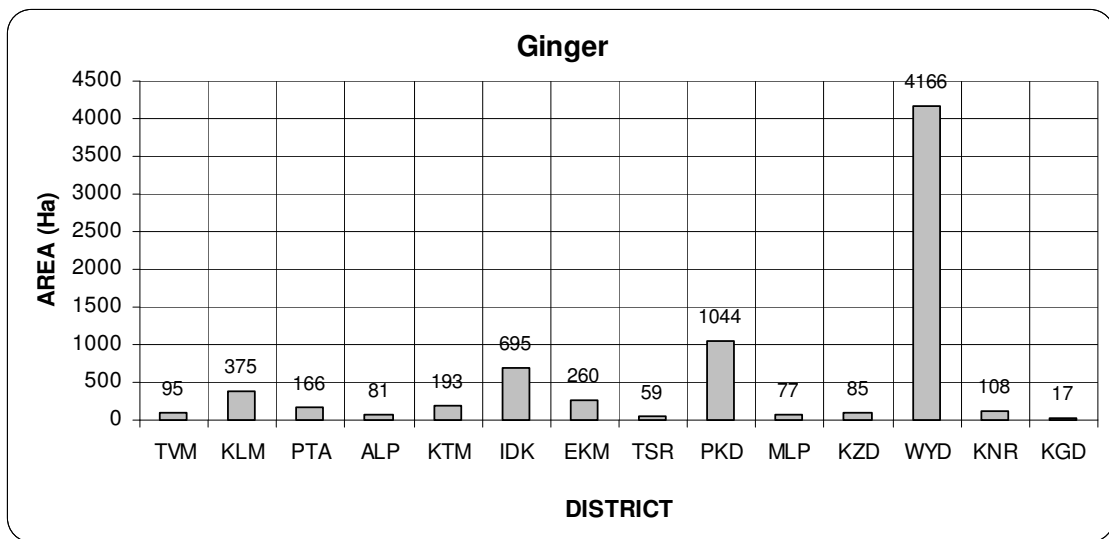
### **Spices and condiments**

Pepper, Ginger, Turmeric, Cardamom, Nutmeg, Cinnamam, Garlic and Cloves are the important spices and condiments cultivated in our State.

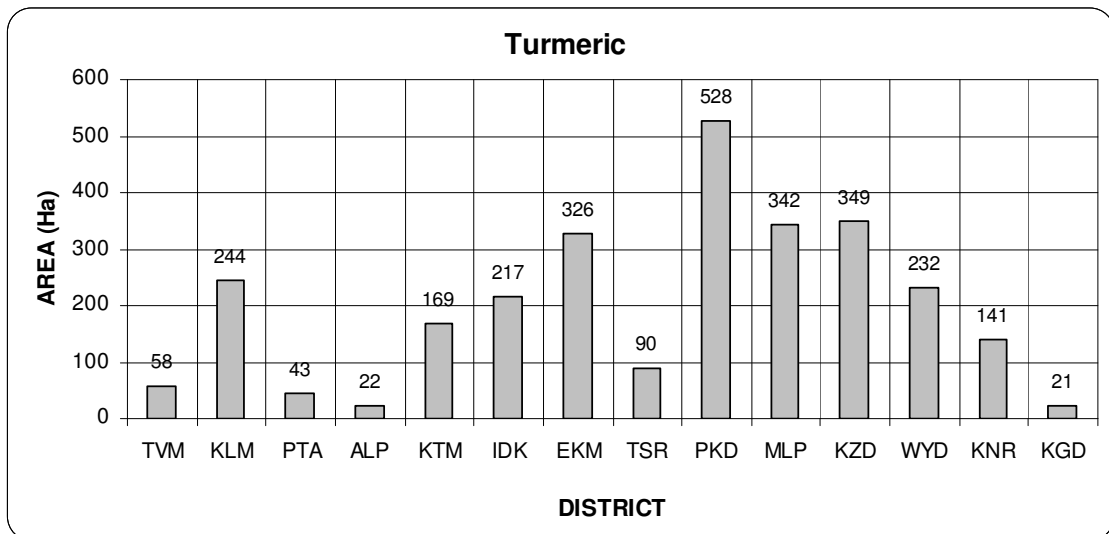
Pepper is the most important spices and condiments which earns good foreign earnings in each year. During the year 2008-09, area of pepper cultivation is 153711 Ha. The district in which the area of pepper cultivation is highest in Idukki district. Idukki district occupies 37.92% of the total area of pepper in the State and Wayanad district is the second largest pepper cultivated district, which occupies 13.55% of the total cultivated area of pepper. When compared with last year of pepper area is reduced to 12.5%.



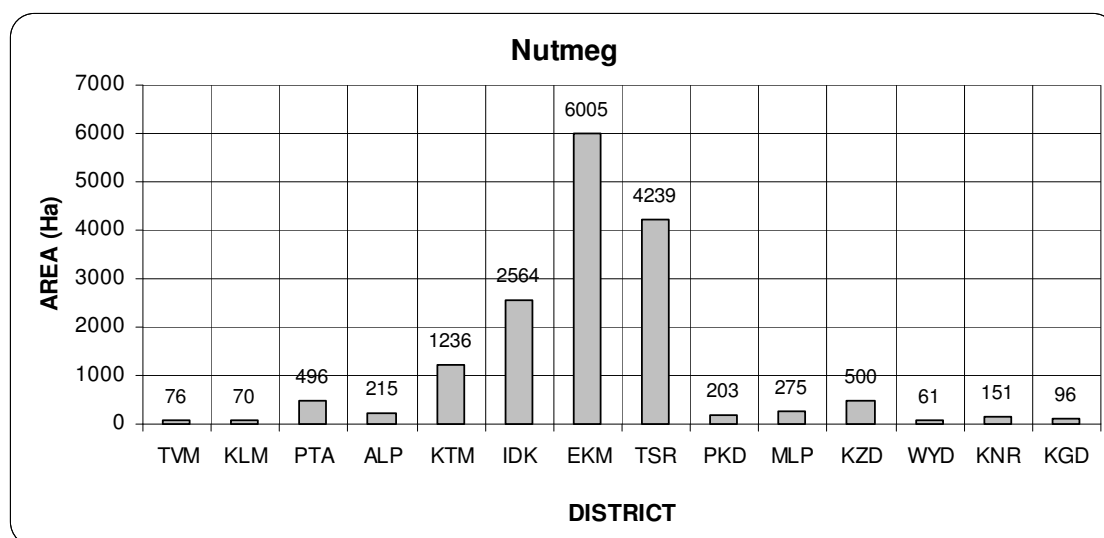
Ginger is an another spices crop which occupies an area of 7421 Ha during the year 2008-09. Its area is reduced to 16.29% over the last year. The highest ginger cultivated district is Wayanad, which occupies an area of 4166 ha followed by Palakkad district with an area of 1044 ha.



Like Ginger, the area of Turmeric is also reduced to 11.82% over the last year. Palakkad district is in 1<sup>st</sup> position with an area of 528 ha. Garlic is cultivated only in Idukki district and its area is 320 Ha.



The area of Nutmeg is increased from 14921ha in 2007-08 to 16187ha in 2008-'09 ie, there is an increase of 8.48% over the last year. The area of Nutmeg is highest in Ernakulam district with an area of 6005ha followed by Thrissur district with an area of 4239ha. The area of cloves is reduced to 13.71%.

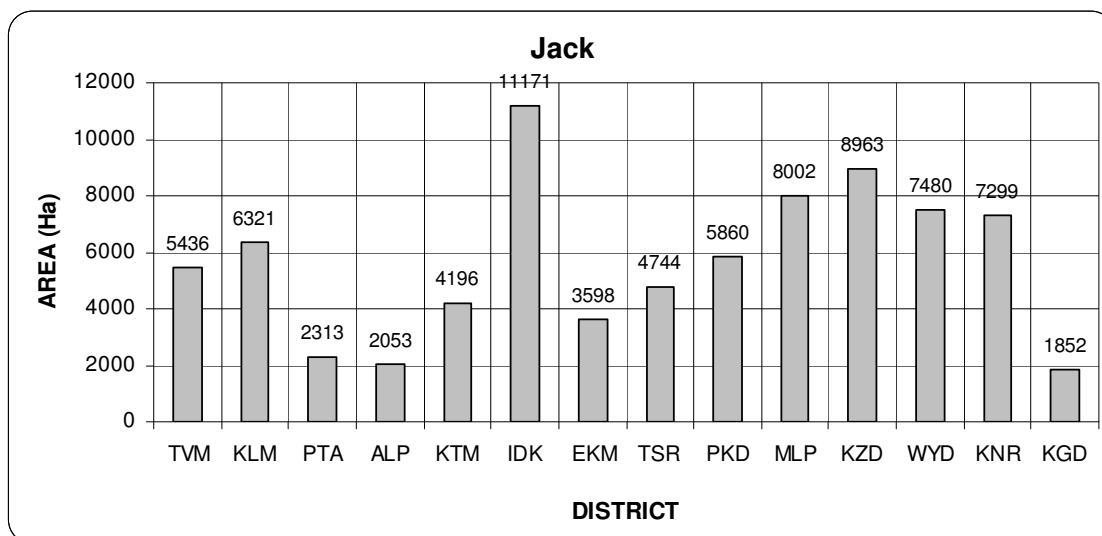


### **Fresh fruits**

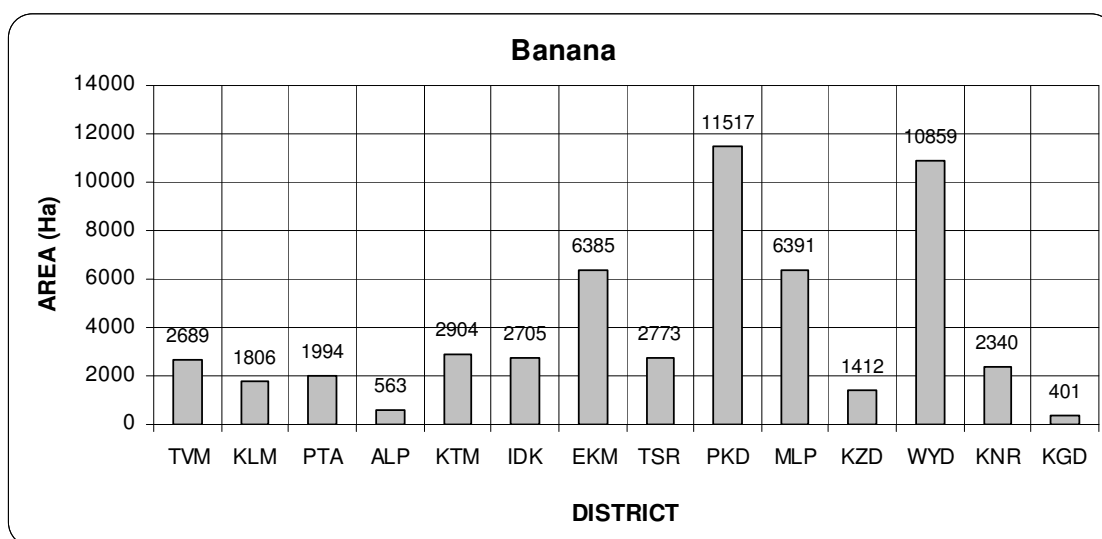
Jack, Mango, Banana, Plantain, Pineapple and Pappaya are some of the important fruits crops cultivated all over the State.

During the year 2008-09, the share of area of all fruit crops except Pappaya shows a decreasing trend. Area of Jack is reduced from 85322 Ha in 2007-08 to 79288 Ha in 2008-09. The area of Mango is reduced from 69482 Ha to 66754 Ha. Area of Banana is reduced from 59341 Ha to 54739 Ha, for plantain it is reduced from 51367 Ha to 50126 Ha and for pineapple area is reduced from 11262 Ha to 10407 Ha during the year 2008-09 as compared with the last year 2007-08. For Pappaya, the share of area has increased from 17835 Ha in 2007-08 to 18080 Ha in 2008-09.

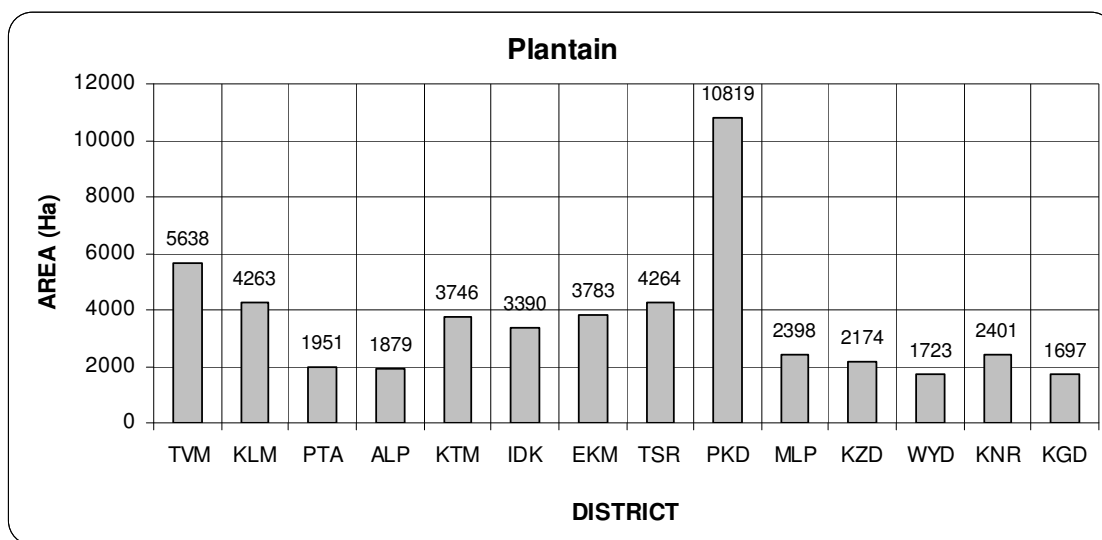
Among the districts, area of Jack is highest in Idukki district followed by Kozhikode district. Out of the total area of Jack, Idukki district occupies 14.09% and Kozhikode district occupies 11.30%.



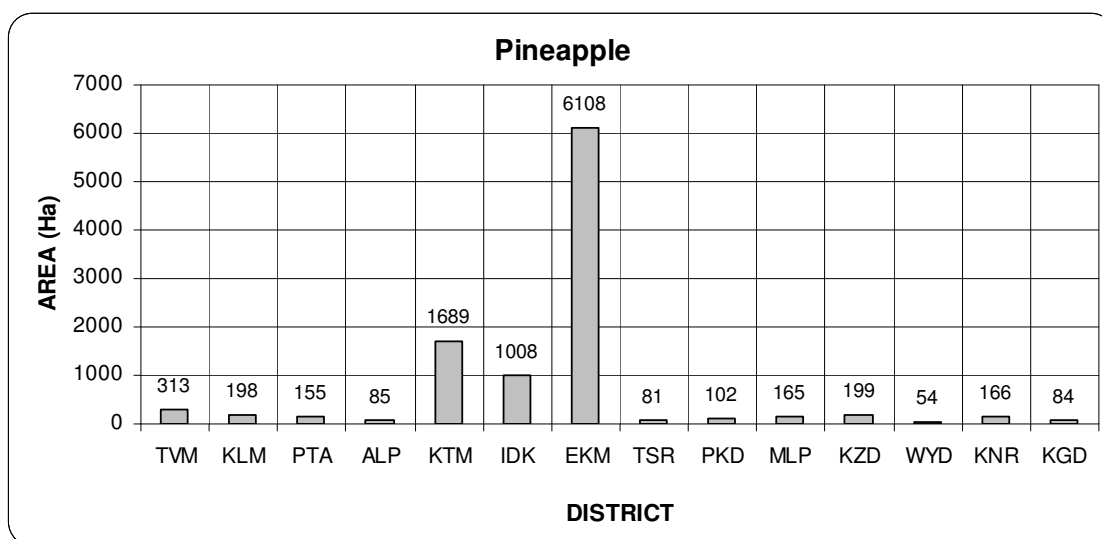
Banana cultivation was highest in Palakkad district followed by Wayanad district. Palakkad district occupies 21.04% (11517ha) and Wayanad district occupies 19.84% (10859ha) of the total area of Banana cultivation (54739ha) during the year 2008-'09.



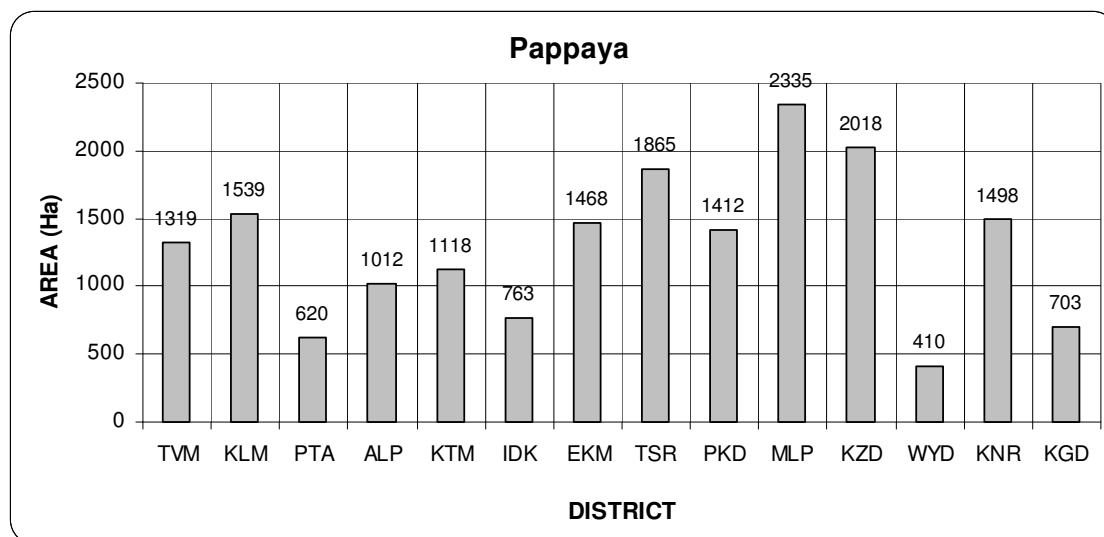
Like Banana, Plantain cultivation was highest in Palakkad district, which accounts 10819ha.



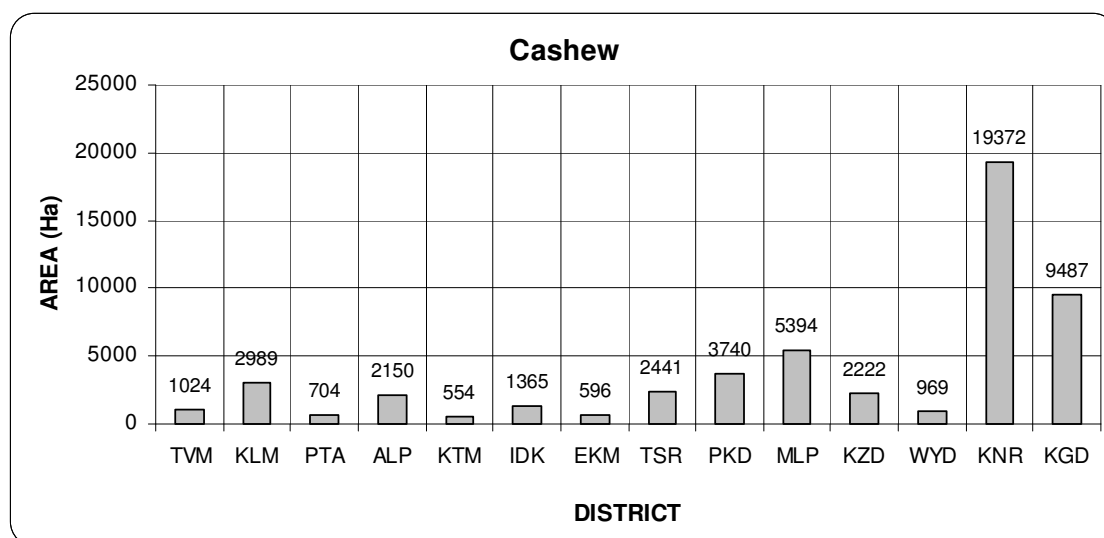
Area of pineapple was highest in Ernakulam district, i.e. 6108ha area occupies pineapple cultivation.



District-wise analysis of Pappaya cultivation shows that, the area cultivated for this crop is highest in Malappuram district (2335ha) followed by Kozhikode district (2018ha) and the same is lowest in Wayanad district (410ha).



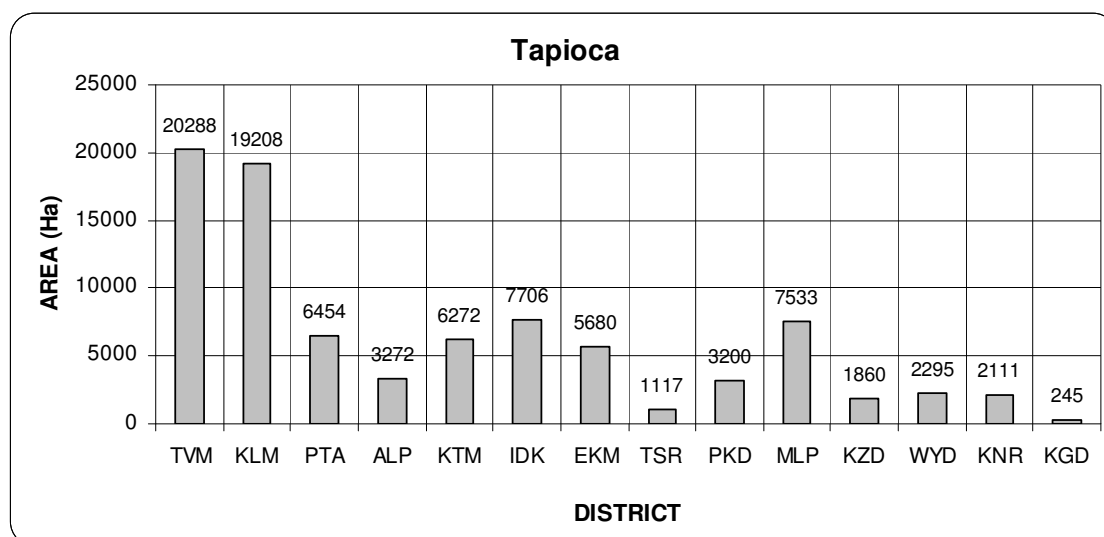
**Cashew** : Cashew is an important **dry fruit** extensively cultivated in our State. During the year 2008-09, area of cashew is 53007 Ha where as for the last year it was 58381 Ha. Area under cashew has been declining steadily and the percentage of decrease over the last year is 9.2%. The district in which Cashew cultivation is highest in Kannur district followed by Kasaragod district.





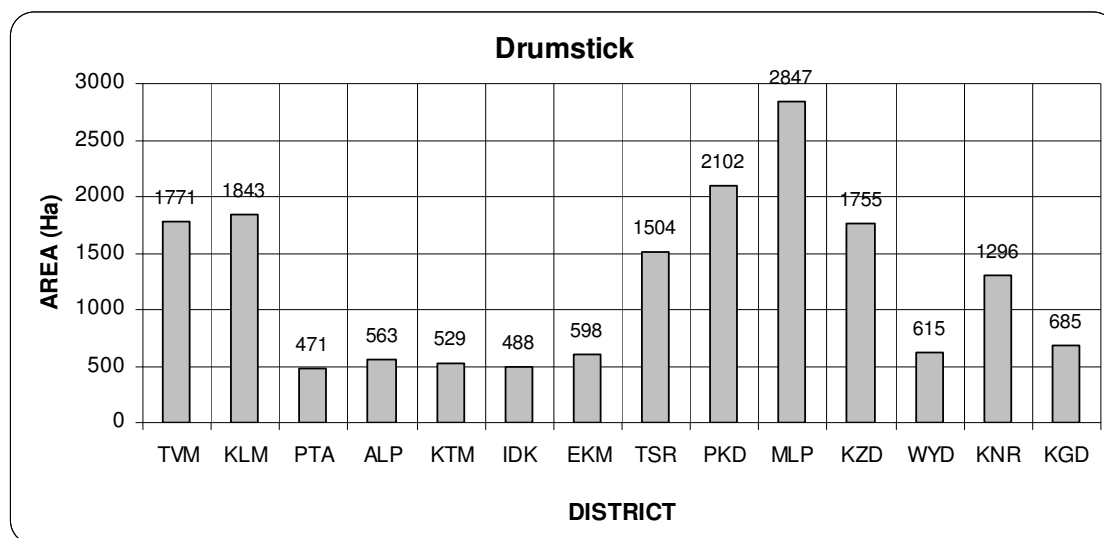
### **Tapioca and other tubers**

Tapioca is an important food crop in the State and it is extensively cultivated in almost all the districts. For the last year area under tapioca cultivation was 83990 Ha where as in 2008-09 its area is 87241 Ha. There is an increase of 3.87% over the last year. The season-wise area of tapioca cultivation for the year 2008-09 is 17145 Ha, 29217 Ha and 40879 Ha respectively for Autumn, Winter and summer seasons. Tapioca cultivation is highest in Thiruvananthapuram district, ie, out of the total area of tapioca, Thiruvananthapuram district occupies 23.26% followed by Kollam district which occupies 22.02%. The district in which tapioca cultivation is least in Kasaragod district, it occupies only 0.28% of the total area of Tapioca cultivation.



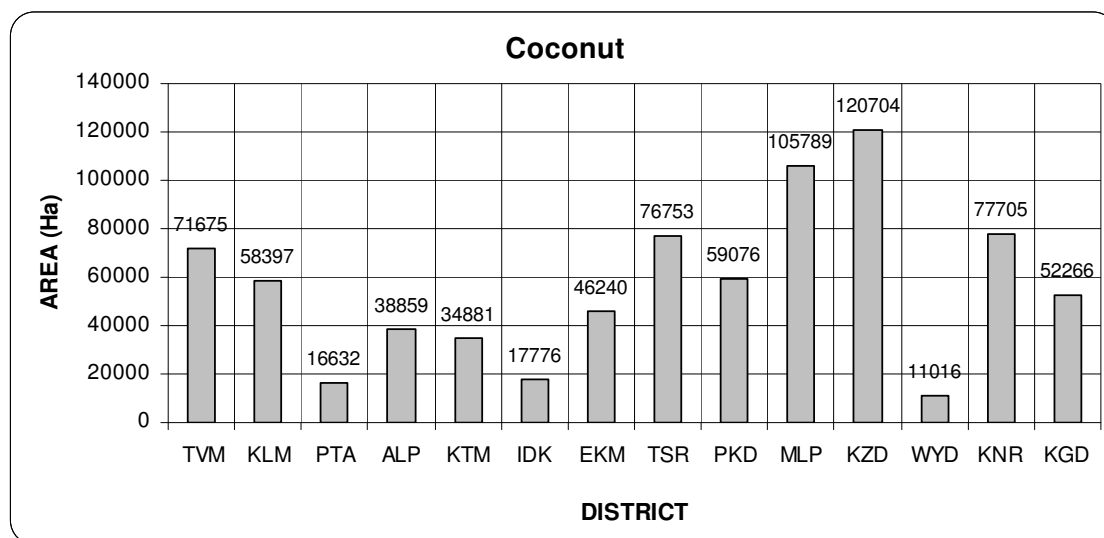
The total area of other tubers like Elephant footyam, colocasia, yam, sweet potato and others occupies 23480 Ha during the year 2008-09. The total area of Tapioca and other Tubers covers 10.23% of the total area of food crops.

**Vegetables**



Drumstick, Amaranthus, Bitter Gourd, Snake Gourd, Ladies Finger, Brinjal, Green chilies etc. are the important vegetables cultivated in our State. Except drumstick, cucumber and Ash guard area of all other vegetables shows an increasing trend. The area of Amaranthus is increased by 25.4%, when compared with last year and the area of drumstick is decreased by 3.57% over the last year. The total area of vegetables for the year 2008-09 has been decreased by 8.51% when compared with the last year 2007-08.

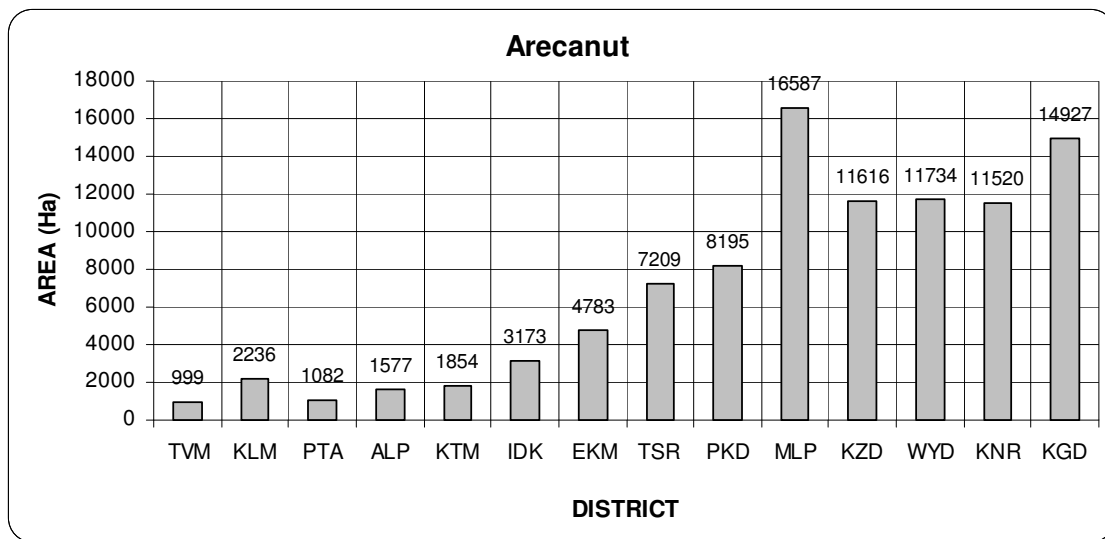
**Coconut and other oil seeds**



With an area coverage of 787769 Ha, Coconut occupies 99.49 % of the total area of oil seeds. Area under coconut cultivation is declined to 7.88 lakh ha in 2008-2009 from 8.109 lakh ha in 2007-08. Kozhikode district occupies highest area for coconut cultivation during the year 2008-09 followed by Malappuram and Kannur. Kozhikode district occupies 15.32% of the total area of coconut cultivation in our State.

Sesamum and groundnut are other two important oilseeds cultivated. The area of sesamum shows a slight increase, its area is increased from 533ha in 2007-08 to 576ha in 2008-09 but the area of ground nut is reduced to 1733ha in 2008-09 from 2911 in 2007-08. Groundnut is cultivated in Palakkad district. Total area of oil seeds occupies 791746 ha during the year 2008.09.

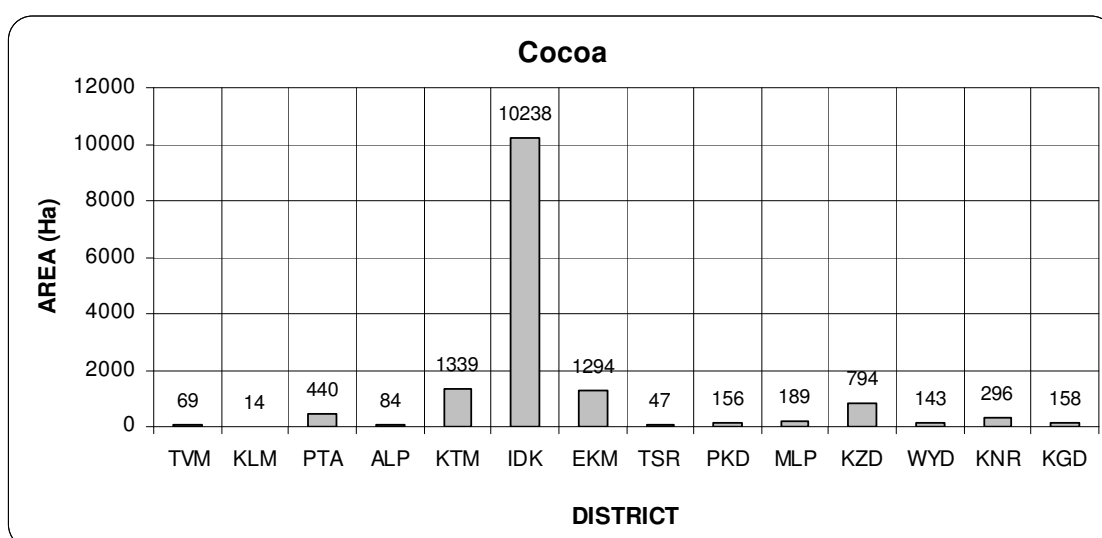
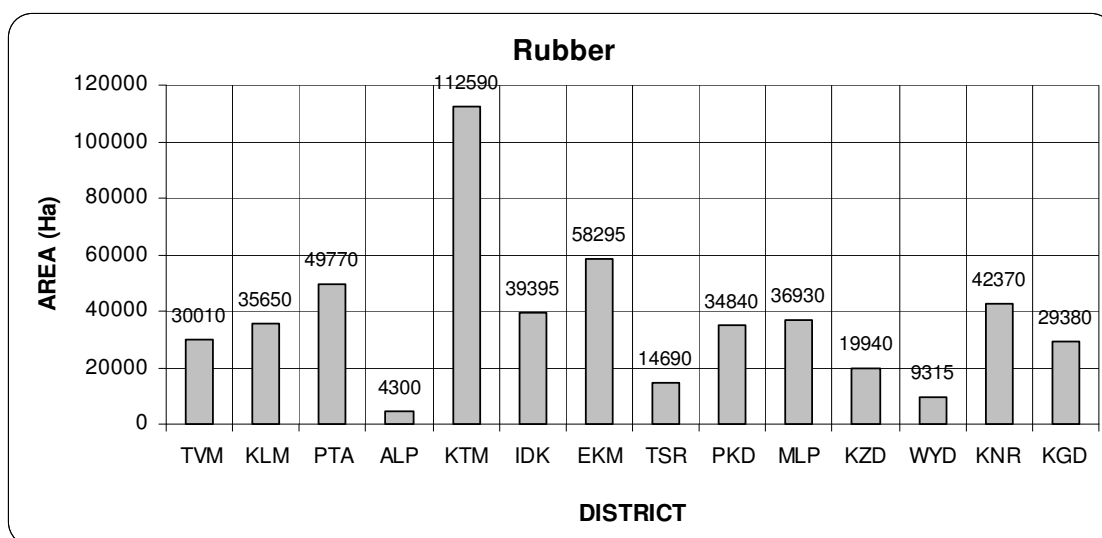
**Arecanut** : Area under Arecanut for the year 2008-09 was 97492 Ha. During the year 2008-09, arecanut area is decreased to 2.30% over the last year.



The district in which area of Arecanut cultivation is highest in Malappuram district followed by Kasaragod and Wayanad. Thiruvananthapuram district occupies only 1.02% of arecanut area out of the total arecanut cultivation of the State.

**Plantation crops:**

The important plantation crops cultivated are Tea, Coffee, Rubber and Cocoa. The total area of plantation crops are 653989 Ha for the year 2008-09 which shows an increase of 1.13% over the last year 2007-08. Among the plantation crops, Rubber occupies 517475 Ha area out of the total area of 653989 Ha. Rubber accounted 79.13% of the total area of plantation crops. Tea accounted only 5.59%, coffee accounted 12.95% and Cocoa accounted 2.34% of the total area of plantain crops. Among the plantain crops that have expanded in area cultivated, the most significant is Rubber. By analyzing the cropping pattern of the State, a great portion of land under coconut cultivation has been shifted to Rubber cultivation.



**Fiber, Drugs and Narcotics**

Cotton, Betel Leaves, Tobacco and Lemongrass come under this category. Cotton is cultivated only in Palakkad district. Area of cotton for the year 2008-09 is 1152 Ha. The area of Tobacco is 39 Ha, which is cultivated only in Kasaragod district. Area of Betel leaves is reduced to 468 Ha in 2008-09 from 509 Ha in 2007-08 and that of lemongrass is 550 Ha in 2008-09. The total area of all the four crops has been decreased to 2209 Ha in 2008-09 from 2602 Ha in 2007-08.

**Medicinal plants :**

Area of medicinal plants for the year 2008-09 is 1474 Ha where as for the year 2007-08 it was only 1076 Ha. Its area is increased by 36.99% over the previous year.

From the above facts, it is understood that, the total area of food grains shows an increasing trend for the year 2008-09. The total area of food grains is increased to 1.89 % when compared with that in the previous year, this is mainly because of the increase in paddy cultivation during the year 2008-09. Eventhough the area of Food grains are increased, the area of total food crops are decreased to 3.96% over the previous year 2007-08. Also the total area of Nonfood crops is decreased to 16.13 lakhs Ha in 2008-09 from 16.35 lakhs Ha in 2007-08. As a result the total cropped area in our State for the year 2008-09 has been declined to 2.40% over the year 2007-08.

The main factors for these are the unattractive price of the produces, the scarcity of labour and pest attacks that defers the cultivators from cultivation. The increase in cost of cultivation is another factor which defers the cultivators from cultivation. As a result of new schemes implemented by Government, area of paddy cultivation is increased to 2.33% over the last year.

The following statement gives as a clear picture about the cropping pattern of the state for the year 2008-09.

Total cropped area	-	2694943 ha
Net area sown	-	2088955 ha
Net area irrigated (Source wise )	-	399253 ha
Net area irrigated (Source wise) to Net area sown	-	19.11 %
Irrigated paddy area to total paddy area	-	72.15 %
Cropping intensity	-	129.01 %

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**TABLE - 1  
AREA & PRODUCTION OF IMPORTANT CROPS IN KERALA  
FOR THE YEAR 1999-2000 & 2008-2009**

Sl. No.	Crop	Area (Ha)			Production (Tonnes)		
		1999-'00	2008-09	% Variation	1999-'00	2008-09	% Variation
1	Paddy !!	349774	234265	-33	770686	590241	-23
2	Tapioca	111922	87241	-22	2531752	2712434	7
3	Coconut *	925035	787769	-15	5680	5802	2
4	Pepper	198406	153711	-23	47543	33991	-29
5	Cashew	89403	53007	-41	65547	42334	-35
6	Rubber	472900	517475	9	572820	783485	37
7	Groundnut	6921	1733	-75	5144	1282	-75
8	Sesamum	2612	576	-78	718	309	-57
9	Cotton #	4772	1152	-76	7702	1498	-81
10	Pulses	10985	3903	-64	8571	2959	-65
11	Ginger (Dry)	11264	7421	-34	41344	30809	-25
12	Turmeric	3971	2782	-30	8362	6364	-24
13	Banana	39046	54739	40	398145	435979	10
14	Tobaco	44	39	-11	245	63	-74
15	Total Cereals	355004	237550	-33	774100	592200	-23
16	Arecanut	81941	97492	19	83337	125654	51
17	Coffee	84139	84696	1	60470	57200	-5
18	Tea	34793	36557	5	61955	51726	-17

\* Production in million nuts

# Production in bales of 170 Kg.

!! Production in Rice

**TABLE-2**  
**CLASSIFICATION OF AREA ON THE BASIS OF LAND UTILISATION 2008-2009**

(Area in Hectares)

Sl. No	District	Total Geographical area	Forest	Land put to non agricultural use	Barren & uncultivable land	Permanent pastures & other grazing land	Land under misc. tree crops	Cultivable waste	Fallow other than current fallow	Current fallow	Marshy Land	Still Water	Water Logged Area	Social Forestry	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	15	16	17	18
1	Thiruvananthapuram	218781	49861	28278	310		39	339	719	2827	8	498	91	56	135755	27530	163285
2	Kollam	248788	81438	24493	241		85	1225	1700	3459	17	7022	626	80	128402	38440	166842
3	Pathanamthitta	265277	155214	15182	211		122	2233	3516	3029		2698	165	106	82801	18701	101502
4	Alappuzha	141011		21004	176		166	13469	4298	2939	33	12144	326	33	86423	18620	105043
5	Kottayam	220442	8141	23214	1628		127	5384	2839	3054	10	6362	161	87	169435	46955	216390
6	Idukki	436328	198413	11867	2181	171	178	1460	740	940		10480	1	1350	208547	76755	285302
7	Eranakulam	305826	70617	38664	1306	4	143	8843	6472	10835	86	9192	323	140	159201	19993	179194
8	Thrissur	302919	103619	35908	346	29	395	8510	5549	10698	4	8080	278	169	129334	44010	173344
9	Palakkad	447584	136257	45223	3213		1747	29230	9688	10631		14027		364	197204	117483	314687
10	Malappuram	355446	103417	39509	1848	17	675	5041	4632	9973		5921	76	180	184157	58580	242737
11	Kozhikode	234641	41386	26779	1066		182	2000	849	1733	21	4650	119	27	155829	48438	204267
12	Wayanad	212966	78787	12276	195	6	77	926	428	936	1	4055	14	27	115238	75045	190283
13	Kannur	297112	48734	26438	4295		306	7161	2332	3833	96	6149	390	74	197304	15366	212670
14	Kasaragod	199166	5625	27320	7915	2	1760	10372	2193	2872		1598	26	158	139325	72	139397
	<b>State</b>	<b>3886287</b>	<b>1081509</b>	<b>376155</b>	<b>24931</b>	<b>229</b>	<b>6002</b>	<b>96193</b>	<b>45955</b>	<b>67759</b>	<b>276</b>	<b>92876</b>	<b>2596</b>	<b>2851</b>	<b>2088955</b>	<b>605988</b>	<b>2694943</b>

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**  
**DISTRICTWISE AREA OF CROPS 2008-2009**

(Area in Hectares)

Sl. No.	District	Paddy				Jowar	Ragi	Other Cereals	Total Cereals/ Millets	Pulses including Tur				Total Food Grains
		Autumn	Winter	Summer	Total					Autumn	Winter	Summer	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Thiruvananthapuram	1350	1529	116	2995				2995	2	2	203	207	3202
2	Kollam	1318	2423	118	3859		1		3860	9	4	220	233	4093
3	Pathanamthitta	130	864	1687	2681				2681			9	9	2690
4	Alappuzha	8755	7267	18121	34143				34143			21	21	34164
5	Kottayam	3331	2279	5341	10951				10951			56	56	11007
6	Idukki	494	1564	57	2115	1	5	26	2147	1	20	154	175	2322
7	Ernakulam	5097	5907	1962	12966				12966			262	262	13228
8	Thrissur	4768	14326	8834	27928				27928		1		1	27929
9	Palakkad	45659	42388	8143	96190	2294	598	342	99424	197	1698	87	1982	101406
10	Malappuram	1744	7748	1521	11013			1	11014		15	70	85	11099
11	Kozhikode	216	3144	678	4038				4038			1	1	4039
12	Wayanad		9850	2896	12746	6	3	1	12756		3	364	367	13123
13	Kannur	3723	3808	118	7649				7649		83	321	404	8053
14	Kasaragod	2796	2025	170	4991	5	1	1	4998		39	61	100	5098
<b>State Total</b>		<b>79381</b>	<b>105122</b>	<b>49762</b>	<b>234265</b>	<b>2306</b>	<b>608</b>	<b>371</b>	<b>237550</b>	<b>209</b>	<b>1865</b>	<b>1829</b>	<b>3903</b>	<b>241453</b>

(Table - 3 Contd.....)

**TABLE-3**  
**DISTRICTWISE AREA OF CROPS 2008-2009**

(Area in Hectares)

Sl. No.	District	Sugar Crops			Spices and Condiments												Grand Total
		Sugar Cane	Palmyrah	Total	Pepper	Ginger	Turmeric	Cardamum *	Arecanut	Tamarind	Vanila	Cloves	Nutmeg	Cinnamon	Garlic	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Thiruvananthapuram		54	54	5683	95	58		999	1015	4	45	76	1		7976	8030
2	Kollam	1	31	32	8527	375	244		2236	616	8	41	70	11		12128	12160
3	Pathanamthitta	14	53	67	3612	166	43	664	1082	203	40	26	496	9		6341	6408
4	Alappuzha	60	20	80	1357	81	22		1577	349	11	15	215	31		3658	3738
5	Kottayam	8	369	377	9573	193	169	200	1854	495	165	50	1236	21		13956	14333
6	Idukki	2487	269	2756	58290	695	217	33078	3173	382	916	754	2564	17	320	100406	103162
7	Ernakulam	2	226	228	5317	260	326		4783	666	132	16	6005	37		17542	17770
8	Thrissur		130	130	4829	59	90		7209	1643	29	7	4239	51		18156	18286
9	Palakkad	772	2292	3064	5661	1044	528	2754	8195	4449	203	8	203	19		23064	26128
10	Malappuram		438	438	5998	77	342	70	16587	1441	31	11	275	17		24849	25287
11	Kozhikode		187	187	8421	85	349	220	11616	694	96	58	500	59		22098	22285
12	Wayanad	7	114	121	20825	4166	232	4106	11734	131	199	30	61	23		41507	41628
13	Kannur	40	86	126	10211	108	141	128	11520	548	231	18	151	28		23084	23210
14	Kasaragod	1	28	29	5407	17	21	368	14927	257	63	22	96	3		21181	21210
<b>State Total</b>		<b>3392</b>	<b>4297</b>	<b>7689</b>	<b>153711</b>	<b>7421</b>	<b>2782</b>	<b>41588</b>	<b>97492</b>	<b>12889</b>	<b>2128</b>	<b>1101</b>	<b>16187</b>	<b>327</b>	<b>320</b>	<b>335946</b>	<b>343635</b>

Source:- \*Spices Board

(Table - 3 Contd.....)

**TABLE-3  
DISTRICTWISE AREA OF CROPS 2008-2009**

(Area in Hectares)

Sl. No.	District	Fresh Fruits								Dry Fruit	Total Fruits
		Jack	Mango	Banana	Plantain	Pineapple	Pappaya	Other Fresh Fruits	Total	Cashew	
1	2	3	4	5	6	7	8	9	10	11	12
1	Thiruvananthapuram	5436	3604	2689	5638	313	1319	486	19485	1024	20509
2	Kollam	6321	4942	1806	4263	198	1539	467	19536	2989	22525
3	Pathanamthitta	2313	1315	1994	1951	155	620	740	9088	704	9792
4	Alappuzha	2053	3349	563	1879	85	1012	538	9479	2150	11629
5	Kottayam	4196	2849	2904	3746	1689	1118	595	17097	554	17651
6	Idukki	11171	5054	2705	3390	1008	763	539	24630	1365	25995
7	Ernakulam	3598	3595	6385	3783	6108	1468	802	25739	596	26335
8	Thrissur	4744	6092	2773	4264	81	1865	1142	20961	2441	23402
9	Palakkad	5860	8479	11517	10819	102	1412	1184	39373	3740	43113
10	Malappuram	8002	6502	6391	2398	165	2335	919	26712	5394	32106
11	Kozhikode	8963	7824	1412	2174	199	2018	590	23180	2222	25402
12	Wayanad	7480	3976	10859	1723	54	410	440	24942	969	25911
13	Kannur	7299	6745	2340	2401	166	1498	856	21305	19372	40677
14	Kasaragod	1852	2428	401	1697	84	703	605	7770	9487	17257
<b>State Total</b>		<b>79288</b>	<b>66754</b>	<b>54739</b>	<b>50126</b>	<b>10407</b>	<b>18080</b>	<b>9903</b>	<b>289297</b>	<b>53007</b>	<b>342304</b>

(Table - 3 Contd.....)

**TABLE-3**  
**DISTRICTWISE AREA OF CROPS 2008-2009**

(Area in Hectares)

Sl. No.	District	Tapioca				Tubers					
		Autumn	Winter	Summer	Total	Elephant Foot Yam	Colocasia	Yam (Kachil)	Sweet Potato	Other Tubers	Total
1	2	3	4	5	6	7	8	9	10	11	12
1	Thiruvananthapuram	5247	5362	9679	20288	521	632	124	18	212	1507
2	Kollam	3687	6728	8793	19208	1387	1894	723	8	235	4247
3	Pathanamthitta	914	2105	3435	6454	540	616	252	2	43	1453
4	Alappuzha	405	1267	1600	3272	458	787	230	7	60	1542
5	Kottayam	686	3037	2549	6272	888	740	203	3	14	1848
6	Idukki	1189	4136	2381	7706	821	672	195	3	44	1735
7	Ernakulam	1216	1451	3013	5680	346	319	34	4	87	790
8	Thrissur	276	292	549	1117	118	281	7	9	387	802
9	Palakkad	509	1201	1490	3200	525	694	30	63	836	2148
10	Malappuram	1971	1754	3808	7533	591	877	76	124	117	1785
11	Kozhikode	309	716	835	1860	235	609	43	22	106	1015
12	Wayanad	305	393	1597	2295	2994	617	67	12	5	3695
13	Kannur	412	635	1064	2111	196	433	34	29	58	750
14	Kasaragod	19	140	86	245	26	53	2	82		163
<b>State Total</b>		<b>17145</b>	<b>29217</b>	<b>40879</b>	<b>87241</b>	<b>9646</b>	<b>9224</b>	<b>2020</b>	<b>386</b>	<b>2204</b>	<b>23480</b>

(Table - 3 Contd.....)

**TABLE-3**  
**DISTRICTWISE AREA OF CROPS 2008-2009**

(Area in Hectares)

Sl. No.	District	Vegetables												Total Food Crops	
		Drumstick	Amaranthus	Bitter Gourd	Snake Gourd	Ladies Finger	Brinjal	Green Chillies	Little Gourd (Koval)	Ash Gourd (Kumbalam)	Pumpkin	Cucumber	Other Vegetables		Total
1	2	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1	Thiruvananthapuram	1771	204	87	116	73	64	60	36	3	19	154	259	2846	56382
2	Kollam	1843	159	119	51	41	77	196	101	41	53	29	327	3037	65270
3	Pathanamthitta	471	83	84	74	42	67	46	81	40	42	45	367	1442	28239
4	Alappuzha	563	255	171	149	65	105	104	101	30	41	89	398	2071	56416
5	Kottayam	529	94	221	233	51	112	92	316	53	40	49	606	2396	53507
6	Idukki	488	46	480	6	15	30	52	49	24	55	8	3344	4597	145517
7	Ernakulam	598	108	142	103	52	38	46	66	61	60	161	1304	2739	66542
8	Thrissur	1504	85	129	60	79	51	185	89	53	56	101	480	2872	74408
9	Palakkad	2102	159	598	340	427	231	410	92	205	279	147	2757	7747	183742
10	Malappuram	2847	107	102	58	88	43	64	26	179	262	436	1265	5477	83287
11	Kozhikode	1755	124	57	18	34	13	96	15	61	65	114	252	2604	57205
12	Wayanad	615	101	210	6	9	29	64	12	88	195	44	661	2034	88686
13	Kannur	1296	138	110	19	46	35	101	67	88	56	216	281	2453	77254
14	Kasaragod	685	76	34	13	47	33	85	57	25	31	163	196	1445	45418
<b>State Total</b>		<b>17067</b>	<b>1739</b>	<b>2544</b>	<b>1246</b>	<b>1069</b>	<b>928</b>	<b>1601</b>	<b>1108</b>	<b>951</b>	<b>1254</b>	<b>1756</b>	<b>12497</b>	<b>43760</b>	<b>1081873</b>

(Table - 3 Contd.....)

**TABLE-3**  
**DISTRICTWISE AREA OF CROPS 2008-2009**

(Area in Hectares)

Sl. No.	District	Non Food Crops															Grand Total
		Oil Seeds					Fibre Drugs and Narcotics					Plantation Crops					
		Groundnut	Sesamum	Coconut	Others	Total	Cotton	Betel Leaves	Tobacco	Lemon Grass	Total	Tea *	Coffee **	Rubber #	Cocoa	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Thiruvananthapuram			71675	30	71705		25		6	31	966		30010	69	31045	102781
2	Kollam		165	58397	45	58607		50			50	1258		35650	14	36922	95579
3	Pathanamthitta			16632	75	16707		33		1	34	91		49770	440	50301	67042
4	Alappuzha		93	38859	184	39136		30			30			4300	84	4384	43550
5	Kottayam			34881	109	34990		13		7	20	1963		112590	1339	115892	150902
6	Idukki		5	17776	74	17855				382	382	24412	12680	39395	10238	86725	104962
7	Ernakulam		26	46240	51	46317		15		2	17	2		58295	1294	59591	105925
8	Thrissur		37	76753	174	76964		11		2	13	530		14690	47	15267	92244
9	Palakkad	1733	33	59076	644	61486	1152	5		5	1162	852	4650	34840	156	40498	103146
10	Malappuram		217	105789	94	106100		245		4	249	174		36930	189	37293	143642
11	Kozhikode			120704	43	120747		14		11	25			19940	794	20734	141506
12	Wayanad			11016	13	11029		2		97	99	6309	67366	9315	143	83133	94261
13	Kannur			77705	69	77774		5		33	38			42370	296	42666	120478
14	Kasaragod			52266	63	52329		20	39		59			29380	158	29538	81926
<b>State Total</b>		<b>1733</b>	<b>576</b>	<b>787769</b>	<b>1668</b>	<b>791746</b>	<b>1152</b>	<b>468</b>	<b>39</b>	<b>550</b>	<b>2209</b>	<b>36557</b>	<b>84696</b>	<b>517475</b>	<b>15261</b>	<b>653989</b>	<b>1447944</b>

Source:-

- \* Tea Board
- \*\* Coffee Board
- # Rubber Board

(Table - 3 Contd.....)

**TABLE-3  
DISTRICTWISE AREA OF CROPS 2008-2009**

(Area in Hectares)

Sl. No.	District	Non Food Crops				Total	Total Non Food Crops	Total Cropeed Area
		Fodder Grass	Green Manure Crops	Other Crops & Trees	Medicinal Plants			
1	2	3	4	5	6	7	8	9
1	Thiruvananthapuram	104	612	3392	14	4122	106903	163285
2	Kollam	241	1188	4486	78	5993	101572	166842
3	Pathanamthitta	293	911	4866	151	6221	73263	101502
4	Alappuzha	118	406	4477	76	5077	48627	105043
5	Kottayam	213	733	10954	81	11981	162883	216390
6	Idukki	1827	1212	31751	33	34823	139785	285302
7	Ernakulam	232	602	5785	108	6727	112652	179194
8	Thrissur	84	1578	4855	175	6692	98936	173344
9	Palakkad	1115	3249	22837	598	27799	130945	314687
10	Malappuram	45	5386	10337	40	15808	159450	242737
11	Kozhikode	82	1747	3654	73	5556	147062	204267
12	Wayanad	681	706	5934	15	7336	101597	190283
13	Kannur	265	1391	13252	30	14938	135416	212670
14	Kasaragod	95	4716	7240	2	12053	93979	139397
<b>State Total</b>		<b>5395</b>	<b>24437</b>	<b>133820</b>	<b>1474</b>	<b>165126</b>	<b>1613070</b>	<b>2694943</b>

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
	Autumn	Winter	Summer				
	1	2	3				
<b>THIRUVANANTHAPURAM</b>							
1. Trivandrum Rural	4.32	3.75	0.56		25.58	0.04	0.12
2. Kazhakkuttam	72.86	7.51	26.21		258.61	0.75	0.51
3. Nemom	40.13	38.44	19.92		444.24	2.17	0.58
4. Athiyannur	14.39	2.47			203.83	0.48	0.66
5. Chirayinkeezh	122.66	147.92	39.21		419.38	2.02	1.66
6. Kilimanoor	438.17	729.37			889.19	17.27	9.01
7. Varkala	237.90	274.30	0.43		438.80	2.80	3.81
8. Nedumangad	28.34	18.38	4.42		365.18	3.00	3.77
9. Vellanad	59.29	49.76	3.87		500.44	8.07	6.48
10.Vamanapuram	105.64	71.59	0.47		520.75	37.39	26.65
11. Parassala	180.03	156.64	7.06		235.44	4.13	0.39
12. Perumkadavila	13.33	6.53	8.48		1135.24	14.14	2.76
Corporation & Municipalities	33.21	22.13	5.76		246.61	2.79	1.62
<b>District Total</b>	<b>1350.27</b>	<b>1528.79</b>	<b>116.39</b>		<b>5683.29</b>	<b>95.05</b>	<b>58.02</b>
<b>KOLLAM</b>							
1. Ithikkara	157.45	363.29	47.77	0.28	745.29	11.03	18.90
2. Mukhathala	71.54	142.01	0.79		399.71	14.76	13.30
3. Anchalumood	9.99	28.65		0.08	173.19	1.92	2.05
4. Chittumala	29.18	82.67	0.12	0.02	529.45	6.74	8.13
5. Chavara	7.84	25.15		0.04	314.08	7.16	4.30
6. Karunagappally	30.60	93.37	56.45		161.66	7.37	4.62
7. Ochira	19.27	28.63		0.06	77.05	4.47	2.20
8. Sasthamcottah	87.00	430.36	7.89		1123.63	71.50	30.17
9. Chadayamangalam	271.51	387.08		0.50	1382.02	58.19	48.79
10. Kottarakkara	211.50	246.35	1.26	0.05	730.74	31.81	30.71



**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
	Autumn	Winter	Summer				
	1	2	3				
	4	5	6	7			
11. Vettikkavala	107.91	196.72	1.57	0.08	698.97	33.43	29.71
12. Anchal	172.66	238.78	0.10	0.04	1512.87	88.20	32.89
13. Pathanapuram	118.63	103.17	1.75	0.04	547.80	33.86	16.19
Municipalities	23.09	57.03			130.38	4.59	2.34
<b>District Total</b>	<b>1318.17</b>	<b>2423.26</b>	<b>117.70</b>	<b>1.19</b>	<b>8526.84</b>	<b>375.03</b>	<b>244.30</b>
<b>PATHANAMTHITTA</b>							
1. Parakode	89.76	323.97			520.05	53.22	14.86
2. Pandalam	15.43	95.01	137.75		89.32	16.30	4.78
3. Kulanada	0.54	50.95	52.17		183.96	12.59	1.43
4. Elanthur	1.63	62.44	28.32	0.55	315.71	19.35	3.74
5. Konni	7.50	164.98	2.57		417.54	18.28	2.62
6. Ranni					1035.20	22.57	9.77
7. Koipram	1.54	67.60	46.23	5.61	377.46	7.08	1.86
8. Mallappally		31.10	84.93		459.92	6.87	2.84
9. Pulikeezh	13.34	60.31	1273.53	7.52	65.37	3.41	0.53
Municipalities	0.30	7.84	61.46		147.46	5.92	0.74
<b>District Total</b>	<b>130.04</b>	<b>864.20</b>	<b>1686.96</b>	<b>13.68</b>	<b>3611.99</b>	<b>165.59</b>	<b>43.17</b>
<b>ALAPPUZHA</b>							
1. Thaikkattusery	66.07	17.29			37.69	0.04	0.23
2. Pattanakkadu	159.64	30.34			61.94	0.16	0.26
3. Kanjikkuzhi	238.77	71.60			106.32	0.06	0.43
4. Aryad	32.51	18.47	68.42		50.97	0.10	0.12
5. Ambalapuzha	1889.40	67.43	1231.28		40.06	0.14	0.23
6. Chengannur	1.78	25.59	654.65	59.46	150.52	15.77	1.88
7. Mavelikkara	16.24	37.25	532.39		124.98	10.51	1.41
8. Bharanikavu	43.53	112.49	201.21		304.69	32.75	5.25

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
	Autumn	Winter	Summer				
	1	2	3				
	4	5	6	7			
9. Harippad	121.81	440.22	2243.51		158.84	9.15	5.97
10. Muthukulam	24.30	16.14	155.14		171.44	9.25	5.12
11. Veliyanad	228.84	3066.39	6792.30	0.28	8.94		
12. Chambakulam	5355.67	3312.96	5747.77	0.20	47.56	0.27	0.23
Municipalities	576.22	51.32	493.92	0.02	93.02	3.13	1.01
<b>District Total</b>	<b>8754.78</b>	<b>7267.49</b>	<b>18120.59</b>	<b>59.96</b>	<b>1356.97</b>	<b>81.33</b>	<b>22.14</b>
<b>KOTTAYAM</b>							
1. Madappally	0.34	21.90	1553.65		573.65	5.85	2.74
2. Vazhoor		6.27	4.73	0.03	1004.35	5.60	4.49
3. Ettumanoor	2076.99	72.46	1005.54	4.50	449.28	4.37	7.17
4. Pallom	368.79	889.00	1712.39		891.21	19.27	15.95
5. Pampady	4.16	35.26	2.00		1337.28	9.94	7.81
6. Erattupettah	0.32	1.94			1485.45	7.20	6.57
7. Lalam	15.76	126.66	1.19	2.00	713.22	9.69	8.20
8. Uzhavoor	101.86	320.33	56.78	1.93	791.56	106.14	81.83
9. Kaduthuruthy	58.72	497.16	830.58		450.10	7.20	13.37
10. Vaikom	704.11	299.51	60.20		200.20	0.29	0.73
11. Kanjirappally					1559.60	13.20	12.19
Municipalities		8.07	114.35		116.85	4.27	8.26
<b>District Total</b>	<b>3331.05</b>	<b>2278.56</b>	<b>5341.41</b>	<b>8.46</b>	<b>9572.75</b>	<b>193.02</b>	<b>169.31</b>
<b>IDUKKI</b>							
1. Adimali		87.54	12.22		10143.06	188.04	50.92
2. Nedumkandam		216.49	13.90		14642.25	74.32	13.92
3. Thodupuzha	210.14	256.64	1.42	0.82	174.22	7.40	7.86
4. Elamdesam	252.08	459.45			243.67	15.77	13.00
5. Kattappana		314.36	6.47		10068.44	101.35	18.21

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
	Autumn	Winter	Summer				
	1	2	3				
6. Azhutha		10.12			11071.83	124.15	70.21
7. Idukki	3.68	26.69	7.40	13.94	9095.26	120.07	26.26
8. Devikulam		115.30	15.33	2472.08	2818.25	62.37	14.52
Municipality	27.80	77.54			33.02	1.94	1.81
<b>District Total</b>	<b>493.70</b>	<b>1564.13</b>	<b>56.74</b>	<b>2486.84</b>	<b>58290.00</b>	<b>695.41</b>	<b>216.71</b>
<b>ERNAKULAM</b>							
1. Alangad	203.63	36.96	8.35		180.87	0.36	0.60
2. Angamali	580.81	489.73	72.30		527.62	16.38	22.62
3. Edappalli	120.94	2.26			8.57		
4. Koovappadi	1050.84	1241.66	791.46		368.37	64.40	16.13
5. Kothamangalam	576.50	912.89	251.06		527.87	86.15	120.79
6. Mulanthuruthy	223.33	331.60	194.91		560.12	0.79	1.46
7. Moovattupuzha	198.25	22.92	9.47		771.49	25.31	64.50
8. Palluruthi	38.97	242.90			50.45		0.02
9. Pampakkuda	266.86	893.78	3.61	1.69	639.17	18.93	35.55
10. Parakadavu	170.80	323.37	82.24		263.40	11.73	6.20
11. Parur	437.93	0.12			173.90	0.78	1.81
12. Vazhakkulam	392.98	585.08	300.48		392.59	19.49	25.79
13. Vadavukode	530.90	712.64	201.93		410.47	5.79	13.16
14. Vypin	138.43				183.16	0.15	0.22
15. Vyttila	7.21				22.87	0.06	0.13
Corporation & Municipalities	158.58	111.38	46.42		235.94	10.08	16.56
<b>District Total</b>	<b>5096.96</b>	<b>5907.29</b>	<b>1962.23</b>	<b>1.69</b>	<b>5316.86</b>	<b>260.40</b>	<b>325.54</b>
<b>THRISSUR</b>							
1. Chavakkad		101.06	155.30		64.73		0.31
2. Mullasserri		330.54	1038.17		54.42	0.07	0.26

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
	Autumn	Winter	Summer				
	1	2	3				
	4	5	6	7			
3. Thalikulam	0.45				47.35		0.39
4. Kodungallur		2.05			31.31	0.02	0.06
5. Mathilakam	16.08	18.60	13.30		70.12	0.09	0.99
6. Chalakkudy	87.35	97.58	21.59		436.39	7.94	8.52
7. Irinjalakuda	17.03	154.11	391.40		218.31	2.54	4.62
8. Kodakara	303.27	610.97	87.98		418.37	7.25	12.52
9. Mala	238.85	350.23	88.90		534.38	5.13	5.70
10. Vellangallur	84.06	339.69	82.99		233.84	5.78	3.86
11. Chowannur	193.66	1796.05	811.47		419.09	4.19	2.22
12. Pazhayannur	2674.76	3213.22	27.96		415.85	8.26	23.54
13. Vadakkancherry	674.68	3369.08	55.06		637.20	10.42	14.45
14. Anthikkad	46.20	450.77	866.54		93.94	0.03	0.57
15. Cherpu	88.68	655.82	2740.99		153.31	0.56	0.80
16. Ollukkara	74.06	693.87	71.91		309.92	2.01	5.42
17. Puzhakkal	257.53	2103.42	2309.09	0.03	329.93	3.03	4.96
Municipalities	11.11	38.78	71.57		360.17	1.41	0.88
<b>District Total</b>	<b>4767.77</b>	<b>14325.84</b>	<b>8834.22</b>	<b>0.03</b>	<b>4828.63</b>	<b>58.73</b>	<b>90.07</b>
<b>PALAKKAD</b>							
1. Alathur	6802.48	6763.97	7.31		773.25	122.96	103.18
2. Attappady		9.30	11.98	31.88	1146.70	200.02	93.44
3. Chittoor	5055.57	493.12	4782.72	627.82	22.15	82.08	7.85
4. Kollangode	4344.84	1354.30	2466.04	1.58	18.41	193.01	5.58
5. Kozhalmandam	8434.30	8340.04		2.31	94.98	145.19	99.27
6. Malampuzha	6235.57	5511.01	87.81	105.26	89.09	13.32	29.84
7. Mannarkkad	136.51	534.83	55.37		1009.00	16.53	64.10
8. Nenmara	5297.89	5181.22			79.81	127.12	23.64

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
	Autumn	Winter	Summer				
	1	2	3				
	4	5	6	7			
9. Ottappalam	1695.71	2695.70	1.43		274.78	11.99	13.60
10. Palakkad Bldk	3748.12	4010.53	59.52	3.22	226.82	71.19	35.36
11. Pattambi	1240.74	2361.07	15.77		600.37	15.04	13.50
12. Sreekrishnapuram	1194.51	1762.86	25.82		655.08	30.56	28.04
13. Thrithala	330.88	2436.42	105.69		451.24	8.60	4.62
Municipalities	1141.42	933.92	523.36		219.02	6.56	5.61
<b>District Total</b>	<b>45658.54</b>	<b>42388.29</b>	<b>8142.82</b>	<b>772.07</b>	<b>5660.70</b>	<b>1044.17</b>	<b>527.63</b>
<b>MALAPPURAM</b>							
1. Malappuram	146.30	451.52	1.54		302.96	4.53	24.32
2. Kondotty	56.29	253.47	35.55		435.66	7.25	20.54
3. Arikkode	47.43	268.61	21.90		718.17	9.59	49.93
4. Wandoor	192.63	459.04	4.10		1172.18	6.29	83.23
5. Nilambur	393.18	608.51	10.83		370.63	3.91	21.95
6. Tirur	43.33	489.16	40.53		105.28	0.21	0.42
7. Tanur	25.10	384.80	3.10		171.19	0.81	2.71
8. Tirurangadi	73.98	375.13	276.54		154.57	1.02	2.82
9. Vengara	24.93	468.52	55.06		178.59	4.80	11.63
10. Kuttippuram	49.11	1180.34	50.66		440.48	3.16	3.96
11. Perinthalmanna	190.88	454.97			636.07	11.68	37.92
12. Mankada	279.04	1061.96			719.89	19.97	67.54
13. Ponnani	64.52	613.57	371.20		162.71	0.48	0.28
14. Perumpadappu	83.74	388.59	641.13		162.74	0.27	0.49
Municipalities	73.79	289.41	8.91		267.25	2.61	13.91
<b>District Total</b>	<b>1744.25</b>	<b>7747.60</b>	<b>1521.05</b>		<b>5998.37</b>	<b>76.58</b>	<b>341.65</b>
<b>KOZHIKODE</b>							
1. Kozhikode	1.75	57.20	2.68		210.61	0.23	3.71

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
	Autumn	Winter	Summer				
	1	2	3				
	4	5	6	7			
2. Chelannur	9.43	335.51	23.31		447.12	2.87	19.13
3. Kunnamangalam	33.94	472.49	134.54		1176.57	16.68	57.06
4. Koduvally	40.83	167.37	4.35		1047.30	18.06	55.28
5. Balussery	18.03	732.85	24.74		1200.25	16.90	78.87
6. Perambra	8.43	536.87	253.12		1285.76	11.41	41.28
7. Melady	4.16	98.17	53.12		306.31	3.67	16.22
8. Panthalayani	14.57	185.54	29.14		172.29	0.64	3.74
9. Vadakara	7.60	30.96			173.47	0.28	1.14
10. Thodannur	15.61	204.47	116.52		405.99	2.73	13.00
11. Thuneri	40.59	107.76	28.66		848.30	2.05	16.56
12. Kunnummel	7.22	155.87	2.06		823.86	9.07	39.52
Corporation & Municipalities	13.41	58.64	6.25		322.99	0.59	3.88
<b>District Total</b>	<b>215.57</b>	<b>3143.70</b>	<b>678.49</b>		<b>8420.82</b>	<b>85.18</b>	<b>349.39</b>
<b>WAYANAD</b>							
1. Vaithiri		1763.18	408.41	0.98	3524.23	602.01	57.71
2. Mananthavady		3445.35	1105.09	5.48	6884.71	826.14	85.71
3. Sulthan Battery		4631.02	1380.12	0.16	10320.07	2732.90	87.91
Municipality		10.80	2.46	0.03	95.83	4.95	0.96
<b>District Total</b>		<b>9850.35</b>	<b>2896.08</b>	<b>6.65</b>	<b>20824.84</b>	<b>4166.00</b>	<b>232.29</b>
<b>KANNUR</b>							
1. Koothuparambu	117.63	115.44	25.55		960.74	3.35	13.58
2. Peravoor	141.02	126.41	51.00	0.07	1183.30	41.39	27.44
3. Iritty	358.52	413.00	30.88	0.04	1978.78	34.31	40.51
4. Thalassery	53.39	23.89			521.21	0.25	4.64
5. Kannur	15.75	10.61		0.04	129.45		0.40
6. Edakkadu	230.62	303.71	4.88		425.00	0.26	4.15

**TABLE-3.1  
BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
	Autumn	Winter	Summer				
	1	2	3				
7. Thaliparamba	1036.10	569.41		31.14	1411.70	14.16	19.32
8. Payyannur	687.42	1163.55	0.30		1439.94	6.94	8.71
9. Irikkur	569.57	691.64	1.81		1069.08	6.07	10.67
Municipalities	513.36	390.25	3.36	8.90	1091.40	0.84	11.17
<b>District Total</b>	<b>3723.38</b>	<b>3807.91</b>	<b>117.78</b>	<b>40.19</b>	<b>10210.60</b>	<b>107.57</b>	<b>140.59</b>
<b>KASARGOD</b>							
1. Kanhangad	741.48	380.14	18.32	0.28	1190.03	11.39	13.45
2. Nilaswar	598.11	696.11	76.63	0.07	1169.68	4.89	5.48
3. Kasargod	493.00	265.17	22.84	0.79	1344.40	0.78	1.23
4. Manjeswar	870.74	513.62	44.79	0.25	1648.08		0.08
Municipalities	93.13	169.50	7.49		54.36	0.36	0.97
<b>District Total</b>	<b>2796.46</b>	<b>2024.54</b>	<b>170.07</b>	<b>1.39</b>	<b>5406.55</b>	<b>17.42</b>	<b>21.21</b>

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Areca nut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
	8	9	10	11	12	13	14
<b>THIRUVANANTHAPURAM</b>							
1. Trivandrum Rural	12.06	0.51	77.88	3.26	72.01	0.46	21.07
2. Kazhakkuttam	27.74	1.83	405.43	30.58	181.70	3.21	99.70
3. Nemom	82.66	5.68	593.77	510.06	597.99	58.13	194.98
4. Athiyannur	21.31	1.57	348.22	124.82	286.07	11.02	94.19
5. Chirayinkeezh	53.64	6.89	368.40	21.77	350.52	6.00	113.23
6. Kilimanoor	167.54	3.35	834.13	79.26	728.57	13.26	165.21
7. Varkala	68.26	1.42	354.32	20.36	395.56	14.00	79.11
8. Nedumangad	77.63	7.75	274.73	89.88	264.90	25.44	44.69
9. Vellanad	110.97	5.34	328.45	158.46	469.24	41.81	48.19
10. Vamanapuram	108.20	12.50	480.87	147.96	400.70	50.01	39.63
11. Parassala	24.94	8.89	401.78	552.62	576.64	26.31	127.98
12. Perumkadavila	172.62	16.83	635.55	875.69	962.92	48.05	183.80
Corporation & Municipalities	71.78	3.60	332.45	74.41	351.67	14.86	107.57
<b>District Total</b>	<b>999.35</b>	<b>76.16</b>	<b>5435.98</b>	<b>2689.13</b>	<b>5638.49</b>	<b>312.56</b>	<b>1319.35</b>
<b>KOLLAM</b>							
1. Ithikkara	105.25	6.86	703.85	37.14	217.86	10.80	240.54
2. Mukhathala	80.08	2.05	520.85	13.01	210.71	4.01	166.30
3. Anchalummood	91.52	8.05	283.62	3.04	103.09	0.69	102.19
4. Chittumala	99.58	6.85	673.30	5.25	214.30	4.04	167.49
5. Chavara	446.76	7.38	352.00	4.85	191.91	2.30	80.81
6. Karunagappally	150.87	6.66	145.34	5.75	123.88	6.52	61.04
7. Ochira	87.28	2.05	83.76	1.61	80.97	3.07	55.65
8. Sasthamcottah	286.11	6.71	621.43	301.31	384.06	11.69	115.42
9. Chadayamangalam	194.92	10.22	871.62	198.02	791.02	25.87	139.44
10. Kottarakkara	85.75	3.29	450.75	263.79	506.01	17.97	100.40



**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
	8	9	10	11	12	13	14
11. Vettikkavala	166.32	3.93	467.80	412.30	481.66	32.79	93.09
12. Anchal	260.13	3.28	600.59	278.70	500.77	40.51	74.18
13. Pathanapuram	132.88	1.78	356.15	254.24	320.45	30.41	73.29
Municipalities	48.55	0.96	189.77	26.74	136.35	7.38	69.49
<b>District Total</b>	<b>2236.00</b>	<b>70.07</b>	<b>6320.83</b>	<b>1805.75</b>	<b>4263.04</b>	<b>198.05</b>	<b>1539.33</b>
<b>PATHANAMTHITTA</b>							
1. Parakode	100.93	10.71	384.43	368.31	237.00	34.43	94.93
2. Pandalam	27.56	4.37	55.34	67.11	53.72	7.85	13.87
3. Kulanada	66.96	32.05	159.14	101.25	134.87	6.97	46.10
4. Elanthur	115.60	56.94	215.15	141.07	237.16	8.11	50.85
5. Konni	175.40	30.17	372.90	293.47	209.56	12.11	81.37
6. Ranni	205.20	72.74	291.65	622.54	270.96	36.17	84.68
7. Koipram	110.53	159.32	316.84	132.09	266.18	10.32	83.53
8. Mallappally	128.39	39.61	179.37	131.93	174.46	34.63	51.76
9. Pulikeezh	71.28	58.31	117.95	89.01	228.11	1.92	39.38
Municipalities	80.25	31.98	219.74	47.63	139.47	2.29	73.46
<b>District Total</b>	<b>1082.10</b>	<b>496.20</b>	<b>2312.51</b>	<b>1994.41</b>	<b>1951.49</b>	<b>154.80</b>	<b>619.93</b>
<b>ALAPPUZHA</b>							
1. Thaikkattusery	92.84	9.72	57.09	0.64	62.51	1.51	25.64
2. Pattanakkadu	237.16	21.50	122.72	9.45	147.20	4.08	119.22
3. Kanjikkuzhi	88.86	11.26	81.52	0.94	271.21	2.73	72.61
4. Aryad	87.01	6.20	73.13	0.40	88.80	4.90	53.78
5. Ambalapuzha	43.46	2.63	89.65	1.17	101.51	1.61	60.00
6. Chengannur	83.08	86.38	288.17	282.12	108.57	17.61	98.88
7. Mavelikkara	60.95	3.97	243.31	35.03	147.24	6.81	73.92
8. Bharanikavu	138.03	3.13	369.02	140.57	165.01	21.47	84.03

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
	8	9	10	11	12	13	14
9. Harippad	155.33	2.25	179.50	29.25	154.49	6.49	108.53
10. Muthukulam	195.90	10.80	139.10	6.68	113.65	8.55	81.20
11. Veliyanad	87.22	7.16	77.94	12.95	141.97	1.95	47.54
12. Chambakulam	156.26	8.95	85.89	25.80	183.11	2.21	57.58
Municipalities	151.36	40.57	246.29	17.86	193.92	5.39	129.01
<b>District Total</b>	<b>1577.46</b>	<b>214.52</b>	<b>2053.33</b>	<b>562.86</b>	<b>1879.19</b>	<b>85.31</b>	<b>1011.94</b>
<b>KOTTAYAM</b>							
1. Madappally	60.04	17.50	434.15	179.15	294.00	72.46	101.32
2. Vazhoor	107.14	42.99	250.27	67.88	144.25	73.96	65.99
3. Ettumanoor	51.04	53.81	307.06	93.28	285.00	6.66	74.74
4. Pallom	140.38	88.18	353.89	130.35	444.00	111.30	150.78
5. Pampady	94.89	64.22	338.30	116.98	230.00	124.00	97.12
6. Erattupettah	249.29	160.86	483.78	328.78	436.05	98.90	80.17
7. Lalam	162.19	144.46	296.97	274.68	291.35	52.81	64.99
8. Uzhavoor	243.18	186.75	380.46	980.03	433.50	187.80	96.72
9. Kaduthuruthy	182.31	149.90	278.22	331.62	291.00	119.35	70.54
10. Vaikom	323.61	187.40	288.25	110.00	315.21	4.86	76.92
11. Kanjirappally	187.06	80.83	672.38	265.20	450.50	828.00	189.66
Municipalities	52.83	59.53	111.95	25.86	131.45	8.41	48.73
<b>District Total</b>	<b>1853.96</b>	<b>1236.43</b>	<b>4195.68</b>	<b>2903.81</b>	<b>3746.31</b>	<b>1688.51</b>	<b>1117.68</b>
<b>IDUKKI</b>							
1. Adimali	782.79	1453.88	1873.47	1037.23	397.00	25.34	132.49
2. Nedumkandam	605.80	117.19	2280.23	105.91	469.28	5.78	78.73
3. Thodupuzha	92.75	65.77	189.58	94.50	113.22	259.41	57.58
4. Elamdesam	110.24	42.98	269.49	276.97	131.11	446.92	12.12
5. Kattappana	257.83	113.56	1814.07	304.41	413.24	5.69	95.20

**TABLE-3.1  
BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
	8	9	10	11	12	13	14
6. Azhutha	598.29	301.39	3026.18	327.69	1078.45	137.80	297.72
7. Idukki	354.34	443.86	986.52	408.84	513.25	35.73	49.62
8. Devikulam	349.37	17.41	687.71	96.89	251.62	2.44	26.73
Municipality	22.04	8.28	43.57	53.02	22.68	89.21	12.43
<b>District Total</b>	<b>3173.45</b>	<b>2564.32</b>	<b>11170.82</b>	<b>2705.46</b>	<b>3389.85</b>	<b>1008.32</b>	<b>762.62</b>
<b>ERNAKULAM</b>							
1. Alangad	120.98	117.33	137.75	552.98	453.78	0.30	59.34
2. Angamali	748.58	1447.15	462.34	1837.06	399.74	23.09	158.73
3. Edappalli	10.91	0.47	17.21		11.10		2.78
4. Koovappadi	359.34	739.95	385.79	736.33	338.04	220.17	96.29
5. Kothamangalam	597.00	331.87	346.83	647.82	289.39	1295.10	102.09
6. Mulanthuruthy	220.85	94.33	202.61	22.23	192.25	76.83	110.83
7. Moovattupuzha	524.75	516.08	319.85	576.09	273.09	1943.89	107.95
8. Palluruthi	64.30	2.81	25.08	0.21	28.45	0.66	28.85
9. Pampakkuda	287.50	470.51	382.11	457.47	442.70	1057.48	106.89
10. Parakadavu	186.61	628.92	178.46	607.75	202.08	6.27	53.28
11. Parur	263.50	101.16	138.07	29.79	129.49	3.00	58.81
12. Vazhakkulam	302.28	561.81	266.61	332.39	337.17	458.94	104.51
13. Vadavukode	347.37	519.71	199.04	315.90	262.78	752.94	72.20
14. Vypin	379.57	101.35	137.78	0.90	127.49	2.69	123.69
15. Vyttila	52.06	3.37	27.54	0.29	22.99	0.71	18.09
Corporation & Municipalities	317.03	368.06	371.32	267.71	272.00	265.47	264.11
<b>District Total</b>	<b>4782.63</b>	<b>6004.88</b>	<b>3598.39</b>	<b>6384.92</b>	<b>3782.54</b>	<b>6107.54</b>	<b>1468.44</b>
<b>THRISSUR</b>							
1. Chavakkad	148.17	27.81	147.52		79.33	1.34	118.98
2. Mullasserri	94.60	3.60	76.16	0.93	65.91	0.36	54.10

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
	8	9	10	11	12	13	14
3. Thalikulam	287.79	42.60	157.60	0.89	53.58	1.41	92.99
4. Kodungallur	131.49	27.84	85.65	0.12	54.86	0.24	32.85
5. Mathilakam	318.77	105.58	185.52	1.08	140.12	4.61	120.85
6. Chalakkudy	578.99	975.81	296.33	449.67	335.55	17.96	86.39
7. Irinjalakuda	299.76	328.40	286.90	84.88	301.59	2.49	111.44
8. Kodakara	574.72	492.19	327.39	504.36	438.49	5.15	113.52
9. Mala	426.72	1065.30	243.21	104.59	341.75	3.23	150.00
10. Vellangallur	297.52	376.27	168.58	54.20	234.04	3.50	58.25
11. Chowannur	954.05	27.89	366.38	25.42	371.16	0.96	83.81
12. Pazhayannur	305.80	19.18	559.90	182.30	275.42	12.79	113.82
13. Vadakkancherry	1133.13	20.95	620.75	252.05	413.60	12.72	173.01
14. Anthikkad	186.11	25.32	137.44	5.43	93.58	1.46	83.18
15. Cherpu	167.82	63.77	191.80	90.46	120.47	0.37	81.11
16. Ollukkara	424.06	227.56	322.61	831.65	352.73	6.14	165.20
17. Puzhakkal	613.40	101.90	348.25	107.62	309.16	4.77	131.49
Municipalities	266.19	307.35	222.13	77.01	282.69	1.90	94.42
<b>District Total</b>	<b>7209.09</b>	<b>4239.32</b>	<b>4744.12</b>	<b>2772.66</b>	<b>4264.03</b>	<b>81.40</b>	<b>1865.41</b>
<b>PALAKKAD</b>							
1. Alathur	347.26	24.16	645.00	501.56	486.06	12.52	160.31
2. Attappady	2399.36	32.22	505.17	2841.98	5869.55	1.35	94.00
3. Chittoor	115.18	20.37	108.20	388.79	936.23	0.21	94.09
4. Kollangode	33.73	7.05	97.83	2.67	81.29	0.04	55.80
5. Kozhalmandam	43.41	0.20	306.02	61.30	190.20	1.45	73.47
6. Malampuzha	129.47	16.50	243.13	229.18	381.28	0.30	152.04
7. Mannarkkad	2712.85	56.19	767.84	2960.69	1158.32	14.89	144.06
8. Nenmara	166.23	9.54	147.67	47.65	175.83	1.03	55.83

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
	8	9	10	11	12	13	14
9. Ottappalam	97.35	1.22	416.57	400.49	287.63	20.88	64.07
10. Palakkad Blck	170.94	2.13	386.51	465.65	322.63	6.48	99.03
11. Pattambi	381.20	5.91	795.14	794.00	272.34	8.29	134.15
12.Sreekrishnapuram	572.94	12.64	565.54	2524.29	308.68	23.61	94.73
13. Thrithala	950.46	11.63	534.05	195.25	188.86	7.21	85.69
Municipalities	74.93	3.65	341.41	103.29	160.11	3.53	104.28
<b>District Total</b>	<b>8195.31</b>	<b>203.41</b>	<b>5860.08</b>	<b>11516.79</b>	<b>10819.01</b>	<b>101.79</b>	<b>1411.55</b>
<b>MALAPPURAM</b>							
1. Malappuram	1087.44	3.70	409.64	169.42	140.08	5.83	131.63
2. Kondotty	1061.74	5.78	650.09	634.62	123.63	8.30	145.65
3. Arikkode	2156.81	22.78	828.28	239.91	208.50	12.57	186.80
4. Wandoor	3298.22	87.30	1004.84	1630.02	331.90	50.76	347.29
5. Nilambur	2067.85	31.83	416.40	501.06	182.24	27.46	145.82
6. Tirur	324.00	9.24	251.36	13.36	98.77	0.89	124.07
7. Tanur	422.22	18.71	388.72	12.99	99.50	1.68	137.35
8. Tirurangadi	321.16	16.19	396.54	326.84	68.63	4.75	105.89
9. Vengara	585.06	19.78	836.77	188.54	116.87	4.22	129.41
10. Kuttippuram	800.12	20.70	685.60	68.76	242.66	3.49	170.57
11. Perinthalmanna	1422.30	2.17	589.10	1487.59	183.81	10.76	167.00
12. Mankada	1083.14	10.04	810.10	962.07	335.97	24.96	200.74
13. Ponnani	708.08	6.60	221.72	9.34	84.41	5.03	106.94
14. Perumpadappu	559.08	7.32	191.68	1.84	51.91	0.83	91.01
Municipalities	690.26	13.25	321.47	144.93	128.75	3.61	144.82
<b>District Total</b>	<b>16587.48</b>	<b>275.39</b>	<b>8002.31</b>	<b>6391.29</b>	<b>2397.63</b>	<b>165.14</b>	<b>2334.99</b>
<b>KOZHIKODE</b>							
1. Kozhikode	258.59	9.01	407.58	30.13	128.83	3.02	140.93

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
	8	9	10	11	12	13	14
2. Chelannur	517.39	14.62	669.67	99.03	208.67	9.27	127.35
3. Kunnamangalam	2622.35	141.63	1280.74	404.53	234.04	21.46	268.25
4. Koduvally	2678.55	178.27	1243.65	170.49	343.64	44.71	320.61
5. Balussery	1447.40	46.70	1169.44	216.22	290.96	27.03	218.86
6. Perambra	1133.72	33.04	911.00	186.19	170.89	22.82	139.56
7. Melady	229.26	7.06	392.10	41.04	138.06	10.05	103.39
8. Panthalayani	151.10	3.50	174.68	17.99	62.34	5.59	49.07
9. Vadakara	139.62	1.94	227.02	12.78	47.28	6.28	54.52
10. Thodannur	283.38	3.97	449.00	44.43	111.31	7.69	135.63
11. Thuneri	578.27	13.94	585.37	62.36	111.04	12.83	114.50
12. Kunnummel	1201.38	27.91	883.36	106.28	193.20	20.85	125.71
Corporation & Municipalities	375.39	18.50	569.56	20.64	133.42	7.11	219.17
<b>District Total</b>	<b>11616.40</b>	<b>500.09</b>	<b>8963.17</b>	<b>1412.11</b>	<b>2173.68</b>	<b>198.71</b>	<b>2017.55</b>
<b>WAYANAD</b>							
1. Vaithiri	3737.50	10.79	1775.25	4030.92	410.82	13.09	110.11
2. Mananthavady	3024.58	30.24	2072.38	3905.49	469.32	27.73	116.13
3. Sulthan Battery	4548.54	17.87	3439.04	2726.48	819.98	13.10	175.31
Municipality	423.03	2.09	193.34	196.12	22.90	0.08	8.45
<b>District Total</b>	<b>11733.65</b>	<b>60.99</b>	<b>7480.01</b>	<b>10859.01</b>	<b>1723.02</b>	<b>54.00</b>	<b>410.00</b>
<b>KANNUR</b>							
1. Koothuparambu	1054.82	7.16	1041.30	526.42	360.61	15.57	126.31
2. Peravoor	815.73	36.72	480.13	541.99	255.35	22.32	74.30
3. Iritty	880.89	10.59	919.51	449.54	258.88	14.56	149.60
4. Thalassery	345.62	4.24	611.13	89.75	175.54	6.73	138.41
5. Kannur	60.42	1.98	225.62	1.63	49.96	1.03	75.20
6. Edakkadu	380.74	1.61	508.38	97.64	104.57	7.65	200.09

**TABLE-3.1  
BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
	8	9	10	11	12	13	14
7. Thaliparamba	2783.87	46.77	1099.49	159.04	292.07	40.01	196.89
8. Payyannur	2845.20	16.45	951.43	46.19	345.39	20.32	225.48
9. Irikkur	1713.34	19.71	796.02	138.36	337.87	26.69	142.36
Municipalities	639.41	5.38	665.56	289.59	220.84	11.46	169.44
<b>District Total</b>	<b>11520.04</b>	<b>150.61</b>	<b>7298.57</b>	<b>2340.15</b>	<b>2401.08</b>	<b>166.34</b>	<b>1498.08</b>
<b>KASARGOD</b>							
1. Kanhangad	3046.17	19.47	443.61	139.88	262.43	26.20	137.71
2. Nilaswar	2188.63	22.41	511.65	80.90	371.59	13.25	149.72
3. Kasargod	3871.86	18.01	479.25	21.75	446.25	27.43	209.28
4. Manjeswar	5775.89	35.39	371.98	1.99	578.16	15.93	181.07
Municipalities	44.86	0.37	45.86	156.53	38.12	0.93	25.30
<b>District Total</b>	<b>14927.41</b>	<b>95.65</b>	<b>1852.35</b>	<b>401.05</b>	<b>1696.55</b>	<b>83.74</b>	<b>703.08</b>

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel leaves	Cocoa
	15	16	17	18	19	20	21
<b>THIRUVANANTHAPURAM</b>							
1. Trivandrum Rural	3.29	112.87	37.23		2473.37	0.10	0.59
2. Kazhakkuttam	25.32	963.69	109.61		8599.65	0.21	1.94
3. Nemom	21.43	2609.20	251.99		6771.34	1.78	3.52
4. Athiyannur	20.37	1189.26	94.52		6759.83	0.90	2.19
5. Chirayinkeezh	81.76	1260.63	169.01		5082.97	1.30	1.46
6. Kilimanoor	424.89	3451.36	249.88		7235.04	5.51	2.95
7. Varkala	200.56	2151.49	166.80	0.01	6193.87		0.76
8. Nedumangad	30.34	896.64	54.19		4194.79	2.18	4.50
9. Vellanad	17.58	1217.87	53.97		4196.53	2.04	15.41
10.Vamanapuram	35.02	1917.46	101.56		3938.89	4.35	14.31
11. Parassala	35.23	1112.72	125.76		4696.80	2.25	2.08
12. Perumkadavila	97.34	2690.17	232.74		5657.50	4.00	14.49
Corporation & Municipalities	31.29	715.13	124.16		5874.39	0.58	5.20
<b>District Total</b>	<b>1024.42</b>	<b>20288.49</b>	<b>1771.42</b>	<b>0.01</b>	<b>71674.97</b>	<b>25.20</b>	<b>69.40</b>
<b>KOLLAM</b>							
1. Ithikkara	424.01	1703.33	335.17		6541.36	0.33	2.44
2. Mukhathala	157.52	1184.27	161.85	1.20	3891.55	0.02	0.23
3. Anchalummood	114.92	165.76	109.41	10.37	3174.04		1.07
4. Chittumala	315.08	757.54	226.30	0.07	3651.10	0.33	0.02
5. Chavara	117.02	722.13	95.52	18.23	5683.74	0.46	1.40
6. Karunagappally	162.76	754.38	72.41	65.39	4431.58	1.89	0.45
7. Ochira	95.47	353.03	54.91	29.61	3237.15	1.10	0.11
8. Sasthamcottah	505.04	2422.81	151.90	40.40	5111.34	9.95	1.43
9. Chadayamangalam	439.51	3264.76	209.53		5741.96	4.17	3.84
10. Kottarakkara	185.92	1374.31	80.63		4521.77	3.58	0.08



**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel leaves	Cocoa
	15	16	17	18	19	20	21
11. Vettikkavala	198.68	2783.34	109.20		3714.13	7.80	0.68
12. Anchal	130.55	1891.04	76.97		4540.32	7.83	0.56
13. Pathanapuram	111.74	1598.43	75.93		2128.30	11.84	1.59
Municipalities	30.58	232.63	83.02		2028.42	0.76	0.12
<b>District Total</b>	<b>2988.80</b>	<b>19207.76</b>	<b>1842.75</b>	<b>165.27</b>	<b>58396.76</b>	<b>50.06</b>	<b>14.02</b>
<b>PATHANAMTHITTA</b>							
1. Parakode	232.59	2747.41	75.73		2624.79	16.40	3.74
2. Pandalam	22.66	676.05	13.49	0.10	710.95	7.01	2.27
3. Kulanada	50.32	221.78	21.19		1015.35	4.23	16.27
4. Elanthur	43.91	277.53	45.52		1225.52	2.41	27.15
5. Konni	46.92	573.51	43.26		1899.14	2.03	25.66
6. Ranni	114.52	707.26	98.69		1837.35	0.21	128.15
7. Koipram	74.22	335.01	61.34	0.30	2063.10	0.07	113.68
8. Mallappally	55.80	488.79	57.31		1722.82		77.55
9. Pulikkezhi	27.15	112.82	23.96		1726.62		35.34
Municipalities	35.84	313.37	30.88		1805.94	0.39	10.25
<b>District Total</b>	<b>703.93</b>	<b>6453.53</b>	<b>471.37</b>	<b>0.40</b>	<b>16631.58</b>	<b>32.75</b>	<b>440.06</b>
<b>ALAPPUZHA</b>							
1. Thaikkattussery	87.35	3.91	13.22		2829.52	0.37	0.66
2. Pattanakkadu	187.25	7.80	22.79		3856.21	0.42	2.59
3. Kanjikkuzhi	355.14	12.59	37.47	1.59	3653.69	1.45	6.20
4. Aryad	256.93	19.22	16.43		1955.65	0.03	0.95
5. Ambalapuzha	98.73	8.55	39.82		1685.57		0.96
6. Chengannur	111.90	787.26	97.01		2732.67	11.59	22.41
7. Mavelikkara	194.23	576.16	55.16	40.58	2971.36	2.75	0.50
8. Bharanikavu	245.64	1155.71	81.75	11.87	3221.39	11.80	

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel leaves	Cocoa
	15	16	17	18	19	20	21
9. Harippad	226.46	192.25	52.21	12.51	3438.52	0.16	2.54
10. Muthukulam	210.29	360.05	58.80	24.92	4964.90	0.50	1.87
11. Veliyanad	2.72	9.30	8.10		1772.00		16.46
12. Chambakulam	17.13	26.94	19.72		2054.90		24.79
Municipalities	156.72	111.83	60.26	1.74	3722.39	0.66	4.20
<b>District Total</b>	<b>2150.49</b>	<b>3271.57</b>	<b>562.74</b>	<b>93.21</b>	<b>38858.77</b>	<b>29.73</b>	<b>84.13</b>
<b>KOTTAYAM</b>							
1. Madappally	36.13	517.85	80.60		2995.19	0.06	43.67
2. Vazhoor	38.70	277.46	22.79		1961.96	0.10	74.46
3. Ettumanoor	24.45	392.27	52.52		3035.29	0.45	28.26
4. Pallom	46.12	410.66	67.15		4371.98	1.84	94.28
5. Pampady	29.55	501.82	46.01		2162.67	2.15	87.77
6. Erattupettah	85.37	612.29	29.98		2376.28		168.55
7. Lalam	29.04	563.37	24.20		2165.70	0.01	155.16
8. Uzhavoor	48.17	1914.87	37.61		3401.91	5.91	284.69
9. Kaduthuruthy	34.49	387.20	42.01		3480.87	1.29	60.50
10. Vaikom	108.84	65.22	31.45		4718.63	0.78	25.01
11. Kanjirappally	49.06	518.66	54.45		2645.90		304.06
Municipalities	24.00	110.25	39.93		1564.51	0.22	12.96
<b>District Total</b>	<b>553.92</b>	<b>6271.92</b>	<b>528.70</b>		<b>34880.89</b>	<b>12.81</b>	<b>1339.37</b>
<b>IDUKKI</b>							
1. Adimali	548.23	854.56	94.31		2738.50		5874.78
2. Nedumkandam	108.82	565.32	64.51	0.11	2175.03		435.29
3. Thodupuzha	22.03	667.93	19.65	3.10	1669.17		147.27
4. Elamdesam	23.75	642.54	26.69	2.05	2231.66		84.13
5. Kattappana	109.58	947.09	80.51		1612.83		794.14

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel leaves	Cocoa
	15	16	17	18	19	20	21
6. Azhutha	363.55	2556.51	129.71		3018.37		676.98
7. Idukki	153.28	882.61	56.47		3455.16		2052.70
8. Devikulam	29.69	462.88	11.20		560.93		150.55
Municipality	5.86	126.78	5.32		314.00		22.05
<b>District Total</b>	<b>1364.79</b>	<b>7706.22</b>	<b>488.37</b>	<b>5.26</b>	<b>17775.65</b>		<b>10237.89</b>
<b>ERNAKULAM</b>							
1. Alangad	19.35	120.50	18.71	2.17	1911.01		3.78
2. Angamali	99.79	544.91	49.37		5196.89		32.16
3. Edappalli	1.77	0.97	0.89		386.19		0.05
4. Koovappadi	34.82	593.58	41.86	4.98	3343.74	3.33	207.83
5. Kothamangalam	35.88	984.60	44.33	4.46	4169.37	0.91	464.03
6. Mulanthuruthy	38.77	78.92	38.56		3116.72	0.66	4.28
7. Moovattupuzha	38.26	795.18	69.93		3078.62		112.45
8. Palluruthi	4.93	1.67	4.25		974.76		0.89
9. Pampakkuda	38.69	872.04	55.77	11.17	3294.18	0.42	270.89
10. Parakadavu	97.17	287.07	50.32		3524.07		15.67
11. Parur	57.73	31.38	13.48		3169.63	0.03	1.75
12. Vazhakkulam	30.89	474.62	35.46		2511.56	5.35	63.57
13. Vadavukode	33.50	411.89	39.00		2162.40	4.25	39.70
14. Vypin	21.37	4.52	16.58		3561.46	0.19	4.19
15. Vyttila	12.53	3.96	8.79		1091.56	0.03	0.44
Corporation & Municipalities	30.58	473.82	110.31	3.62	4748.10	0.14	72.07
<b>District Total</b>	<b>596.03</b>	<b>5679.63</b>	<b>597.61</b>	<b>26.40</b>	<b>46240.26</b>	<b>15.31</b>	<b>1293.75</b>
<b>THRISSUR</b>							
1. Chavakkad	122.83	5.21	100.96		5291.74		0.43
2. Mullasserri	61.90	0.81	36.94		3280.43		0.06

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel leaves	Cocoa
	15	16	17	18	19	20	21
3. Thalikulam	106.14	1.22	68.37		4667.81		0.33
4. Kodungallur	29.50	1.24	16.37		2456.68		0.02
5. Mathilakam	158.98	4.32	71.35		4767.85		2.22
6. Chalakkudy	150.85	422.77	54.84		4472.40	3.40	24.59
7. Irinjalakuda	199.11	14.81	62.68		3384.97		0.08
8. Kodakara	121.28	126.85	102.75	3.81	6338.63	1.06	2.68
9. Mala	174.69	89.66	44.20		4879.44	3.35	2.59
10. Vellangallur	127.71	31.41	29.23		4354.05	0.02	1.57
11. Chowannur	178.44	39.70	81.39	3.77	3761.46	0.09	0.46
12. Pazhayannur	139.51	122.57	181.12	24.87	4905.83		0.58
13. Vadakkancherry	290.14	91.05	195.47	0.98	6136.59	0.03	2.48
14. Anthikkad	78.90	1.09	44.25		4159.45		1.65
15. Cherpu	98.13	22.43	90.86		2937.80		2.79
16. Ollukkara	184.57	73.43	150.16	2.11	4537.07	0.04	3.36
17. Puzhakkal	158.46	41.33	103.48		3199.28		0.79
Municipalities	60.13	26.95	69.41	1.71	3221.55	2.62	0.09
<b>District Total</b>	<b>2441.27</b>	<b>1116.85</b>	<b>1503.83</b>	<b>37.25</b>	<b>76753.03</b>	<b>10.61</b>	<b>46.77</b>
<b>PALAKKAD</b>							
1. Alathur	251.05	543.89	374.28	3.52	4985.23		7.16
2. Attappady	1496.83	311.99	105.52	0.26	8052.14	0.08	81.18
3. Chittoor	25.55	377.78	115.88		7879.97		12.62
4. Kollangode	16.47	26.26	77.68		3369.94		9.43
5. Kozhalmandam	180.28	339.60	115.24	1.71	2289.74		1.24
6. Malampuzha	117.81	92.49	166.35		3791.32	0.26	7.69
7. Mannarkkad	452.04	680.21	227.82	0.39	7990.88	1.02	31.58
8. Nenmara	43.25	64.45	66.05		1883.61		0.70

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel leaves	Cocoa
	15	16	17	18	19	20	21
9. Ottappalam	196.38	70.65	121.38	0.13	2183.46	0.07	0.33
10. Palakkad Bldk	228.54	85.23	153.36	0.07	2950.23		0.21
11. Pattambi	213.09	253.28	206.36	4.84	4882.02	0.78	0.36
12.Sreekrishnapuram	211.20	262.99	111.46	2.98	3229.81	2.33	1.78
13. Thrithala	228.80	65.54	106.39	18.89	3827.87	0.64	0.72
Municipalities	78.85	25.83	153.85		1759.73	0.15	0.86
<b>District Total</b>	<b>3740.14</b>	<b>3200.19</b>	<b>2101.62</b>	<b>32.79</b>	<b>59075.95</b>	<b>5.33</b>	<b>155.86</b>
<b>MALAPPURAM</b>							
1. Malappuram	556.15	338.94	137.72	48.47	6920.50	43.43	1.25
2. Kondotty	344.38	595.70	109.53	5.09	7467.73	12.35	0.86
3. Arikkode	666.71	336.87	665.64		7860.93	18.24	14.44
4. Wandoor	997.03	1882.96	346.52		8893.81	3.13	144.54
5. Nilambur	274.89	727.52	152.88		6040.39	5.81	22.15
6. Tirur	113.85	3.20	88.76	8.55	6458.89	16.28	0.55
7. Tanur	67.20	54.40	112.99	21.17	8686.71	41.30	0.20
8. Tirurangadi	109.51	115.72	58.45	4.61	7806.86	1.18	0.44
9. Vengara	276.11	427.41	114.98	28.16	4956.15	29.32	0.32
10. Kuttippuram	327.21	330.96	262.57	21.77	9122.58	35.30	0.56
11. Perinthalmanna	523.36	883.39	198.68	11.80	6989.73		0.27
12. Mankada	616.66	1426.80	326.44	53.74	8880.91	35.44	0.46
13. Ponnani	165.98	11.18	41.91	6.62	3983.89	0.43	0.73
14. Perumpadappu	99.33	10.73	53.05	3.01	4834.93	0.35	0.95
Municipalities	255.92	387.17	176.59	3.86	6884.91	2.85	1.72
<b>District Total</b>	<b>5394.29</b>	<b>7532.95</b>	<b>2846.71</b>	<b>216.85</b>	<b>105788.92</b>	<b>245.41</b>	<b>189.44</b>
<b>KOZHIKODE</b>							
1. Kozhikode	53.80	24.09	91.51		4859.06	0.02	2.66

**TABLE-3.1**  
**BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel leaves	Cocoa
	15	16	17	18	19	20	21
2. Chelannur	118.07	163.01	120.72		8534.46	0.26	1.90
3. Kunnamangalam	360.01	178.65	212.33		15980.10	1.89	248.05
4. Koduvally	188.64	372.62	237.18		13416.85	1.71	279.60
5. Balussery	217.84	368.38	152.84		15778.78	0.60	166.53
6. Perambra	301.99	280.26	159.73		11728.66	3.56	62.15
7. Melady	103.90	42.15	90.17		5620.89	1.59	0.68
8. Panthalayani	65.14	19.31	34.05		4105.82	0.87	1.56
9. Vadakara	46.35	38.93	39.55		4006.85	0.04	0.25
10. Thodannur	160.40	91.37	95.54		7335.87	2.32	0.90
11. Thuneri	321.32	77.85	177.03		10605.22	0.20	4.09
12. Kunnummel	209.78	187.07	174.55		10966.49	0.34	20.88
Corporation & Municipalities	75.11	16.52	170.17		7765.17	0.39	5.22
<b>District Total</b>	<b>2222.35</b>	<b>1860.21</b>	<b>1755.37</b>		<b>120704.22</b>	<b>13.79</b>	<b>794.47</b>
<b>WAYANAD</b>							
1. Vaithiri	45.50	557.22	45.28		2409.27	0.12	38.76
2. Mananthavady	843.51	854.87	92.96	0.46	2990.82	1.47	38.54
3. Sulthan Battery	79.50	869.50	460.40		5388.43		60.41
Municipality	0.49	13.41	16.35		227.29	0.13	5.30
<b>District Total</b>	<b>969.00</b>	<b>2295.00</b>	<b>614.99</b>	<b>0.46</b>	<b>11015.81</b>	<b>1.72</b>	<b>143.01</b>
<b>KANNUR</b>							
1. Koothuparambu	2315.53	372.43	137.05		11839.63	0.06	4.82
2. Peravoor	2228.28	355.74	63.71		4530.78	1.30	38.58
3. Iritty	3834.33	287.09	175.96		6832.33	1.41	73.80
4. Thalassery	329.03	66.34	81.80		6690.08		1.75
5. Kannur	96.18	0.85	78.14		1507.00	0.02	1.10
6. Edakkadu	658.22	145.25	87.39		7458.61		1.55

**TABLE-3.1  
BLOCKWISE AREA UNDER CROPS 2008-2009**

(Area in Hectares)

Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel leaves	Cocoa
	15	16	17	18	19	20	21
7. Thaliparamba	2797.77	267.46	185.83		11235.03	1.49	61.50
8. Payyannur	2542.02	119.65	194.91		10681.10	0.14	44.94
9. Irikkur	3354.98	277.14	147.89		7937.24	0.19	66.17
Municipalities	1215.44	218.85	143.10		8992.75		1.96
<b>District Total</b>	<b>19371.78</b>	<b>2110.80</b>	<b>1295.78</b>		<b>77704.55</b>	<b>4.61</b>	<b>296.17</b>
<b>KASARGOD</b>							
1. Kanhangad	2562.45	123.10	161.56		13811.37	11.34	4.92
2. Nilswar	1287.89	65.98	213.90		14098.02	4.38	5.24
3. Kasargod	2214.91	12.71	155.82		10563.82	2.97	18.05
4. Manjeswar	3382.98	1.30	129.29		11058.78	1.68	128.22
Municipalities	39.10	41.63	24.10		2734.20	0.03	1.55
<b>District Total</b>	<b>9487.33</b>	<b>244.72</b>	<b>684.67</b>		<b>52266.19</b>	<b>20.40</b>	<b>157.98</b>

**A BRIEF ANALYSIS ON THE PRODUCTION OF IMPORTANT CROPS  
FOR 2008-09**

Factors such as fertility of land, monsoon behavior, rainfall, irrigation, application of fertilizers, climatic conditions, marketing facilities, prices, availability of agricultural labourers etc determine the area and productivity of any crop. The production of food grains during the year under report is 592200 tonnes as against 530544 tonnes in 2007-08 recording a remarkable increase of 61656 tonnes or 11.62%. Rice is major constituent accounting for almost 100% of food grain production in the state. Crop wise production of food grain is given in the following table.

Sl. No.	Crop	2008-09		2007-08	
		Production	%	Production	%
1	Rice	590241	99.70	528488	99.61
2	Jower	1177	0.20	1573	0.30
3	Ragi	492	0.08	216	0.04
4	Other Cereals	290	0.02	267	0.05
Total		592200	100.00	530544	100.00

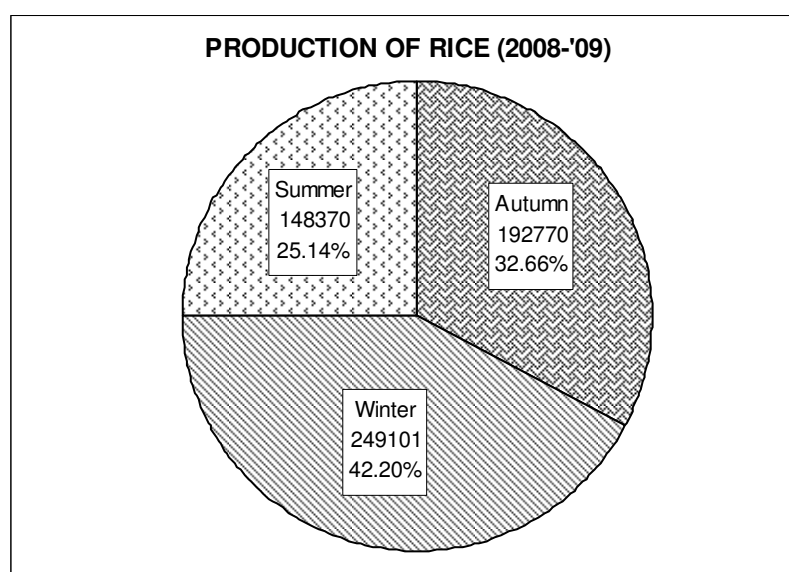
**Paddy**

Paddy is the principal crop extensively cultivated in all the districts of the state having a unique three season pattern viz Autumn (July – October), Winter (November – February) and Summer (March – June). Paddy accounted for 8.69% of the total cropped area in the state during 2008-09. During the year 2008-09 the area under paddy was high at 234265 ha as against 228938 ha in 2007-08 registering an increase of 2.33%. The production of rice also increased from 528488 tonnes to 590241 tonnes over the previous year which shows an increase of 11.68%. The yield rate of rice is 2519.54 as against the previous years of 2308.43. The productivity of rice in Autumn, Winter and Summer seasons were 2428.41 (A), 2369.64 (W), 2981.59 (S) respectively. The production of rice in Autumn and Winter seasons was highest in Palakkad district. In Summer season the production was highest in Alappuzha district and the same was lowest in Kollam district. As usual, Palakkad district occupied the first position in the



production of rice and lowest in Kozhikode district. The season wise Production and Productivity of Rice are furnished below.

Season	Rice				
	Production			Productivity	
	2008-09	2007-08	% of variation	2008-09	2007-08
Autumn	192770	168108	14.67	2428	2168
Winter	249101	251103	-0.80	2370	2370
Summer	148370	109277	35.77	2982	2404
All seasons	590241	528488	11.68	2519.54	2308.43



### **Cashewnut**

Cashewnut is an important commercial crop in the state. It was grown about 53009ha in the state during 2008-09 and its production is about 42334Tonne. Kannur district contributed about 49%, and Kasaragod district about 24%. The area, production and productivity show a decreasing trend over the previous years viz -9.21%, -19/21%and -12.39% respectively.

### **Coconut**

Coconut is a perennial crop, generally grown all over the state and concentrated specifically in the districts of Malappuram and Kozhikode districts. Even though the area shows a decreasing trend, production and productivity shows a slight increasing trend.

year	Area in hectare	Production in Million nuts	Yield rate in Nos/ha
2008-09	787769	5802	7365
2007-08	818812	5641	6889
% of variation	-0.04	0.03	

### **Arecanut**

The production of Arecanut during 2008-09 (125654 tonnes) shows an increasing trend. Kasaragod district stands first place in the production and productivity of Arecanut.

year	Area in hectare	Production in tonnes	Yield rate in kg/ha
2008-09	97492	125654	1289
2007-08	99787	114690	1149
% of variation	-0.02	0.1	

### **Tapioca**

The total production of tapioca during 2008-09 was 2712114 tonnes. Production of tapioca was highest in Kollam district followed by Thiruvananthapuram district however the productivity was highest in Wayanad district (41319kg/ha)

year	Area in hectare	Production in tonnes	Yield rate in kg/ha
2008-09	87241	2712114	31088
2007-08	83990	2556455	30438
% of variation	3.87	6.09	

### **Pepper**

The production of pepper shows a decreasing trend during 2008-'09. During 2008-'09, the production was decreased to 33991 tonnes, as against 41952 tonnes

during 2007-'08. The production was highest in Idukki district (about 50%) and it is lowest in Alappuzha district. The productivity also highest in Idukki district and it is lowest in Alappuzha district.

year	Area in hectare	Production in tonnes	Yield rate in kg/ha
2008-09	153711	33991	221
2007-08	175679	41952	239
% of variation	-12.50	-18.98	

### **Ginger and Turmeric**

The production of ginger and Turmeric shows a decreasing trend during 2008-'09. The production of Turmeric decreased to 6364 tonnes during 2008-09 where as it was 7434 tonnes during 2007-08. Similarly the production of Turmeric was 30809 tonnes during 2008-09 as against 31726 tonnes during 2007-08.

\* \* \*

**TABLE-4**  
**DISTRICTWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Sl. No.	Name of district	Rice				Jowar	Ragi	Other cereals	Sugarcane (Canegur)	Black Pepper	Green chillies	Pulses including Tur	Cured Ginger	Cured Turmeric	Groundnut
		Autumn	Winter	Summer	Total										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	3360	3608	306	7274					1201	54	149	291	124	
2	Kollam	2983	5226	83	8292		1			1613	178	170	892	424	
3	Pathanamthitta	303	2155	4941	7399				321	986	46	7	463	83	
4	Alappuzha	26254	21999	55997	104250				553	126	95	18	203	31	
5	Kottayam	10065	5842	16247	32154				55	1347	83	48	528	388	
6	Idukki	1302	4057	135	5494	1	4	20	19134	16708	47	143	2359	441	
7	Eranakulam	10172	12334	3401	25907					928	42	186	736	869	
8	Thrissur	9439	33583	28887	71909					841	170	1	124	141	
9	Palakkad	111561	105045	23537	240143	1170	484	267	6763	870	438	1489	4492	1396	1282
10	Malappuram	3819	14704	4742	23265			1		590	59	63	161	639	
11	Kozhikode	289	3902	1422	5613					823	96	1	255	811	
12	Wayanad		25707	8154	33861	3	2	1		4526	64	279	19713	508	
13	Kannur	6541	6904	192	13637				722	2046	101	327	532	461	
14	Kasaragod	6682	4035	326	11043	3	1	1		1386	80	78	60	48	
<b>State Total</b>		<b>192770</b>	<b>249101</b>	<b>148370</b>	<b>590241</b>	<b>1177</b>	<b>492</b>	<b>290</b>	<b>27548</b>	<b>33991</b>	<b>1553</b>	<b>2959</b>	<b>30809</b>	<b>6364</b>	<b>1282</b>

(Table - 4 Contd.....)

**TABLE-4**  
**DISTRICTWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Sl. No.	District	Arecanut	Tamarind	Mango	Jack (Nos.in million nuts)	Banana	Other plantain	Pineapple	Tapioca	Sweet potato	Pappaya	Drumstick	Sesamum	Coconut (million nuts)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Thiruvananthapuram	601	3096	23390	26	18858	43342	2074	525897	204	7651	1997		600
2	Kollam	1686	1260	31135	24	12436	29038	1437	546135	88	5892	2078	94	443
3	Pathanamthitta	555	387	10323	11	15715	17448	948	235436	22	2506	350		111
4	Alappuzha	955	667	16310	7	3790	11726	491	95578	84	4377	411	78	275
5	Kottayam	1346	946	15954	18	27413	32544	9769	221996	24	4462	422		194
6	Idukki	3778	661	33963	39	23662	25478	8917	255284	35	2593	444	1	79
7	Eranakulam	5564	711	17364	18	60775	25199	59864	209906	46	5709	670	20	249
8	Thrissur	7240	1534	30582	18	25096	23087	521	35426	99	6957	1658	5	531
9	Palakkad	10595	5490	80720	27	103260	133714	498	75446	581	9188	3782	9	450
10	Malappuram	19472	1868	31665	26	47785	16852	700	292908	1426	12184	1680	101	952
11	Kozhikode	16243	1548	23394	28	10528	10307	969	48589	251	7516	832		941
12	Wayanad	5518	256	13041	15	65238	10679	229	94828	141	2597	253	1	38
13	Kannur	14655	1046	49778	26	18192	10468	971	69013	330	5242	964		500
14	Kasaragod	37446	694	15297	7	3231	9751	494	5672	1496	3620	1117		439
	<b>State Total</b>	<b>125654</b>	<b>20164</b>	<b>392916</b>	<b>290</b>	<b>435979</b>	<b>399633</b>	<b>87882</b>	<b>2712114</b>	<b>4827</b>	<b>80494</b>	<b>16658</b>	<b>309</b>	<b>5802</b>

(Table - 4 Contd....)

**TABLE-4**  
**DISTRICTWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

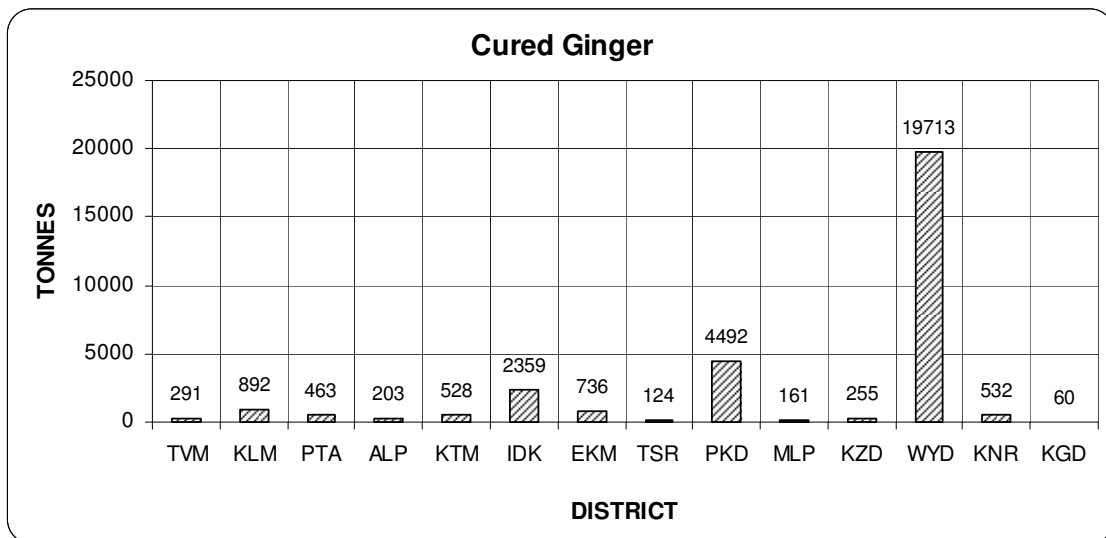
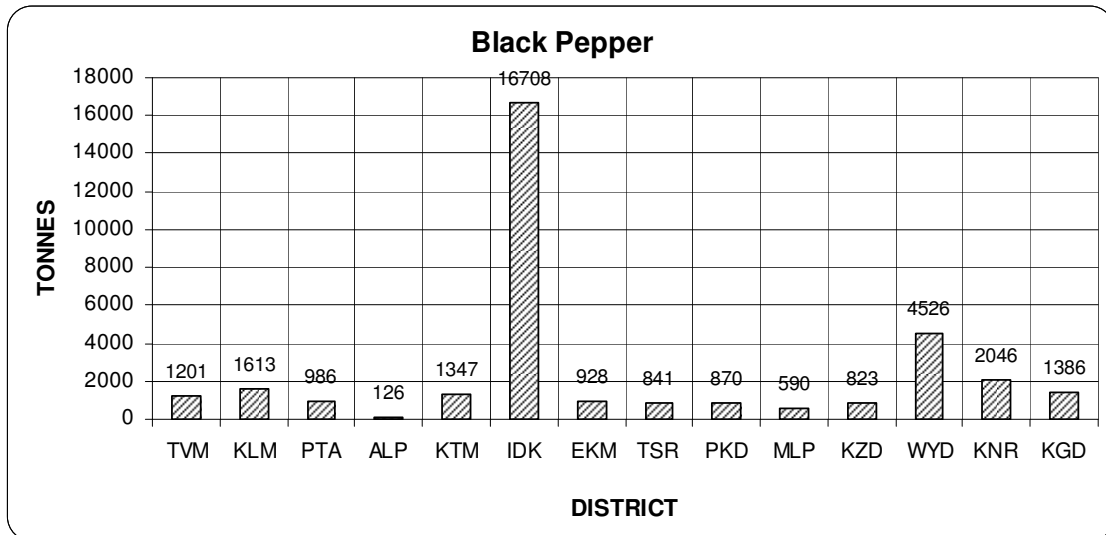
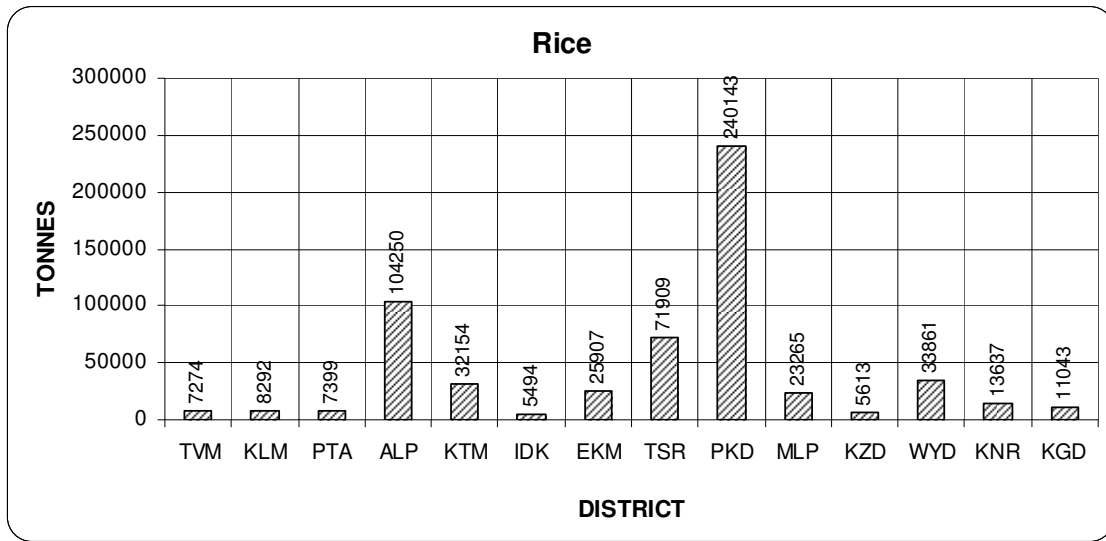
Sl. No.	District	Cotton (No. of bales of 170Kg. Each)	Nutmeg	Tobacco	Tea *	Coffee**	Rubber ##	Cocoa	Processed cardamom #	Raw cashew nuts	Betel leaves	Clove (dry)	Garlic
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Thiruvananthapuram		45				45880	27		443	1063	2	
2	Kollam		27		111		54380	5		1340	2244	2	
3	Pathanamthitta		224				79640	249	12	253	570	2	
4	Alappuzha		51				6860	45		668	1265	1	
5	Kottayam		743		32		176905	775	14	160	355	4	
6	Idukki		1108		36952	7815	59035	6064	7827	731		48	5440
7	Eranakulam		5209				94270	718		241	626	2	
8	Thrissur		3346		1799		23595	13		1049	653	1	
9	Palakkad	1498	91		2101	1875	49680	84	333	1750	110	1	
10	Malappuram		116				53400	167	1	3153	12871	1	
11	Kozhikode		178				29625	447	1	1124	1132	3	
12	Wayanad		8		10731	47510	8600	15	362	318	33	3	
13	Kannur		24				60795	131		20757	351	1	
14	Kasaragod		79	63			40820	38		10347	898	2	
<b>State Total</b>		<b>1498</b>	<b>11249</b>	<b>63</b>	<b>51726</b>	<b>57200</b>	<b>783485</b>	<b>8778</b>	<b>8550</b>	<b>42334</b>	<b>22171</b>	<b>73</b>	<b>5440</b>

Source:

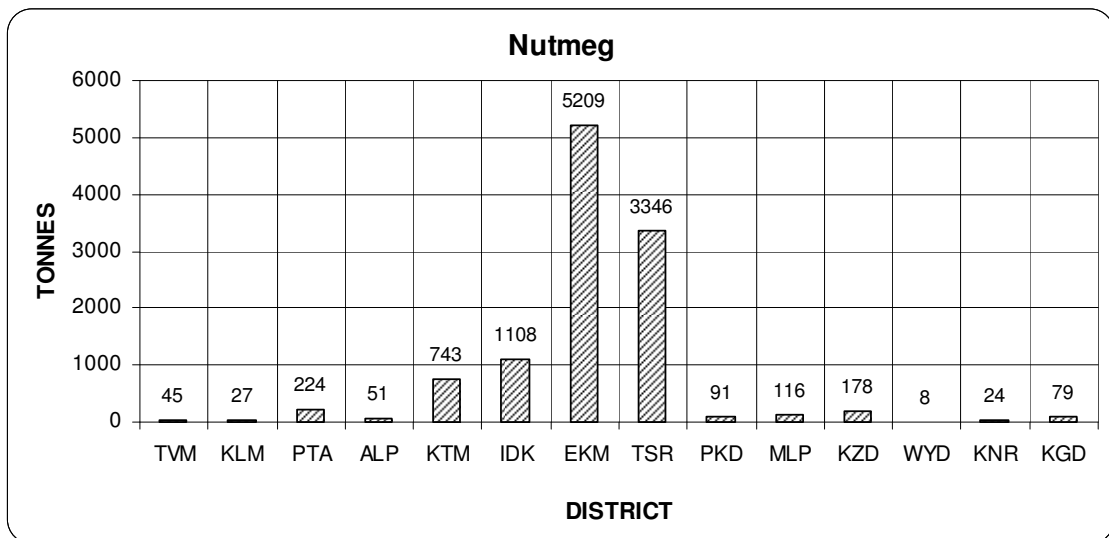
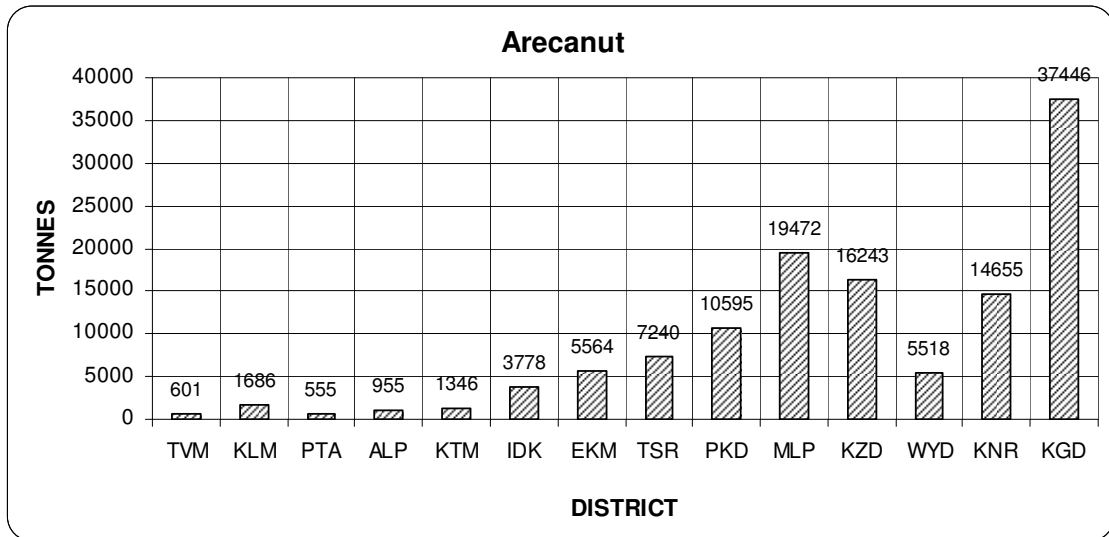
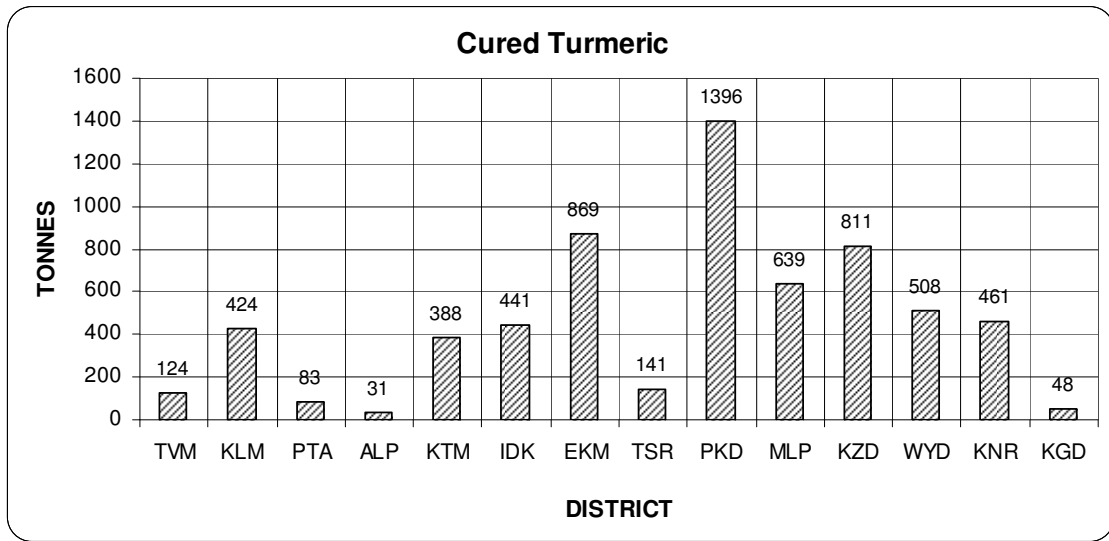
\* Tea Board  
\*\* Coffee Board

# Spices Board  
## Rubber Board

**DISTRICTWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

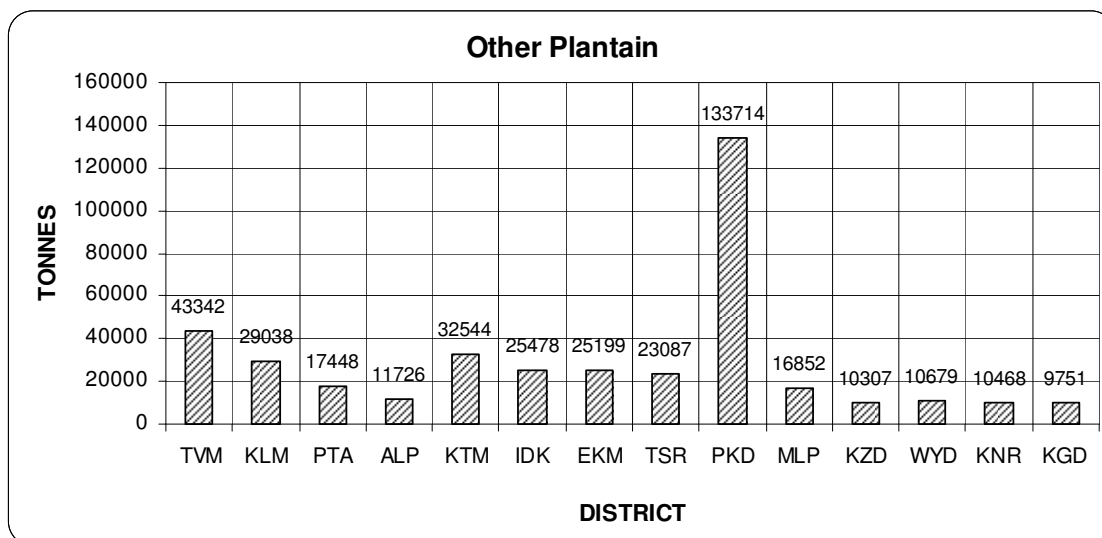
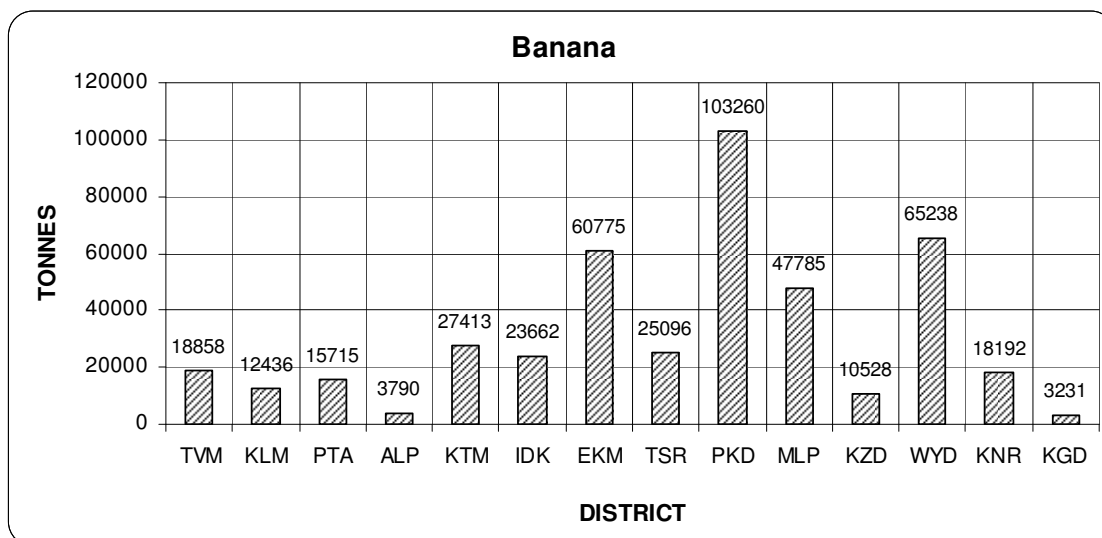
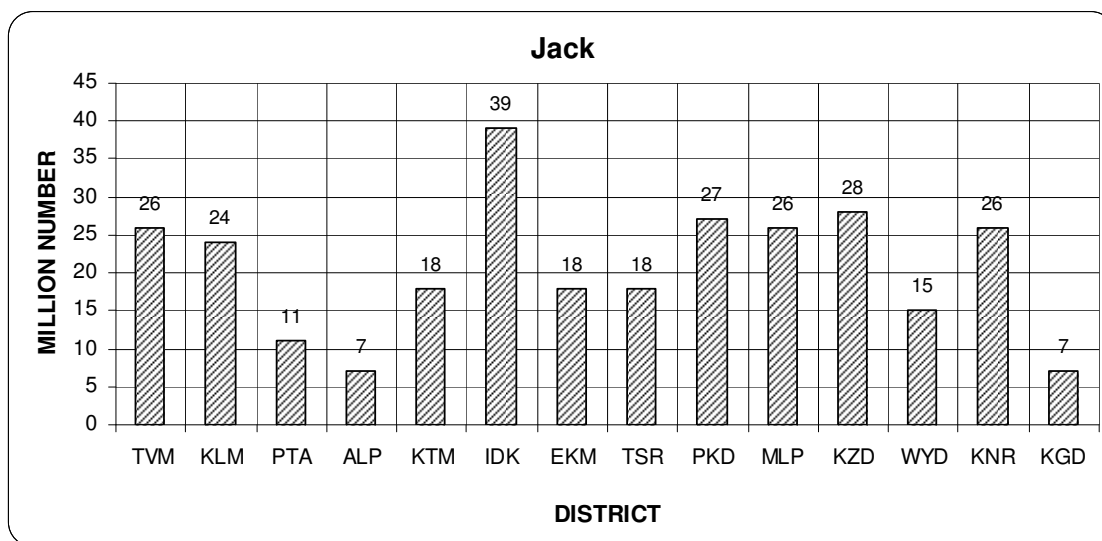


**DISTRICTWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

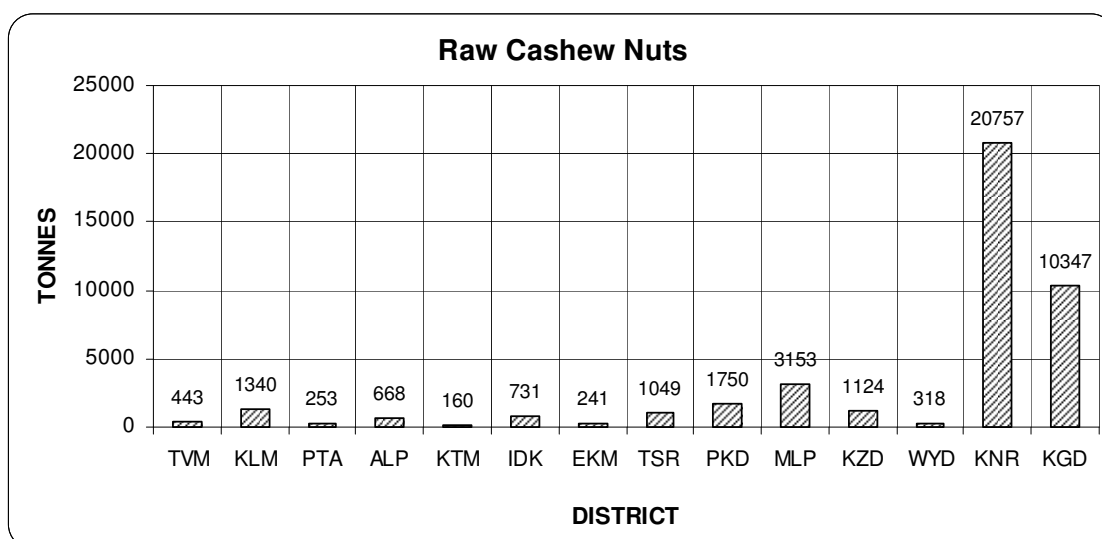
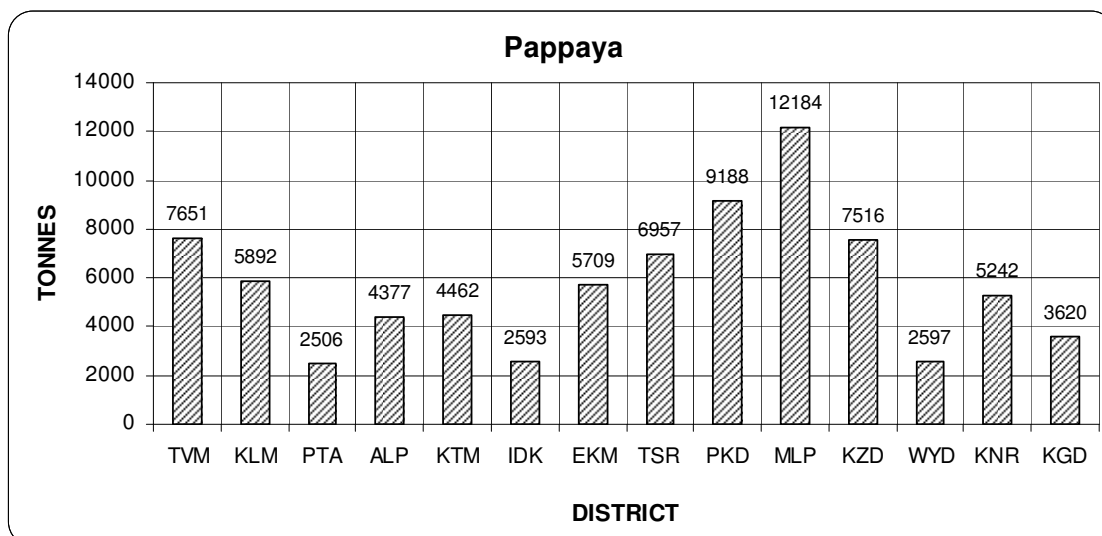
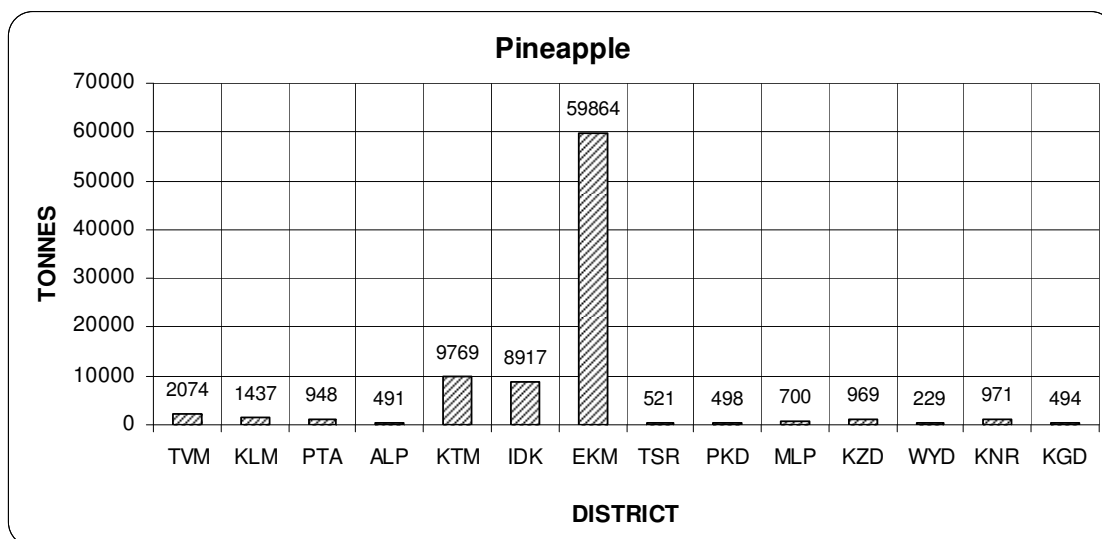




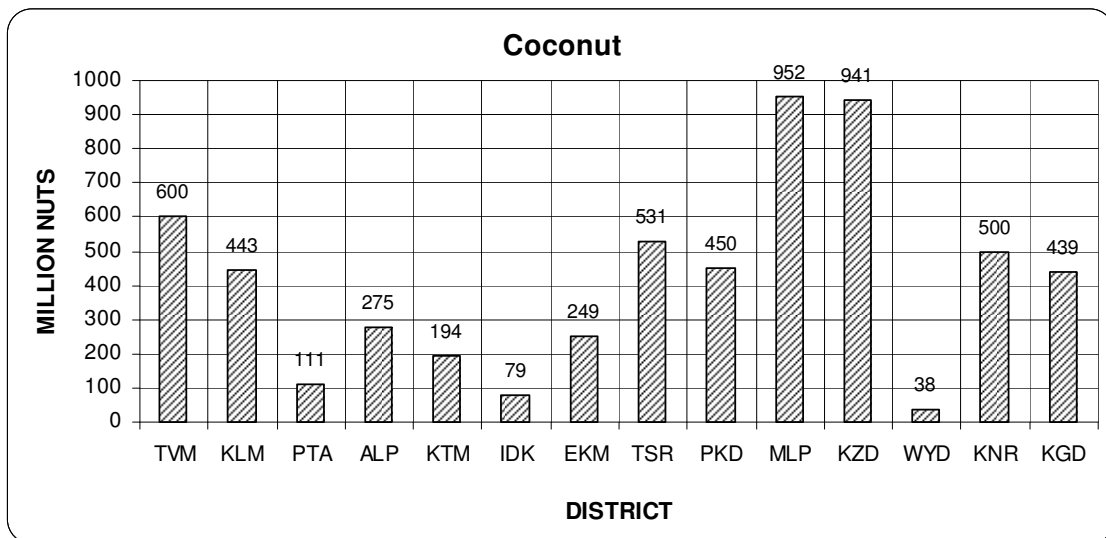
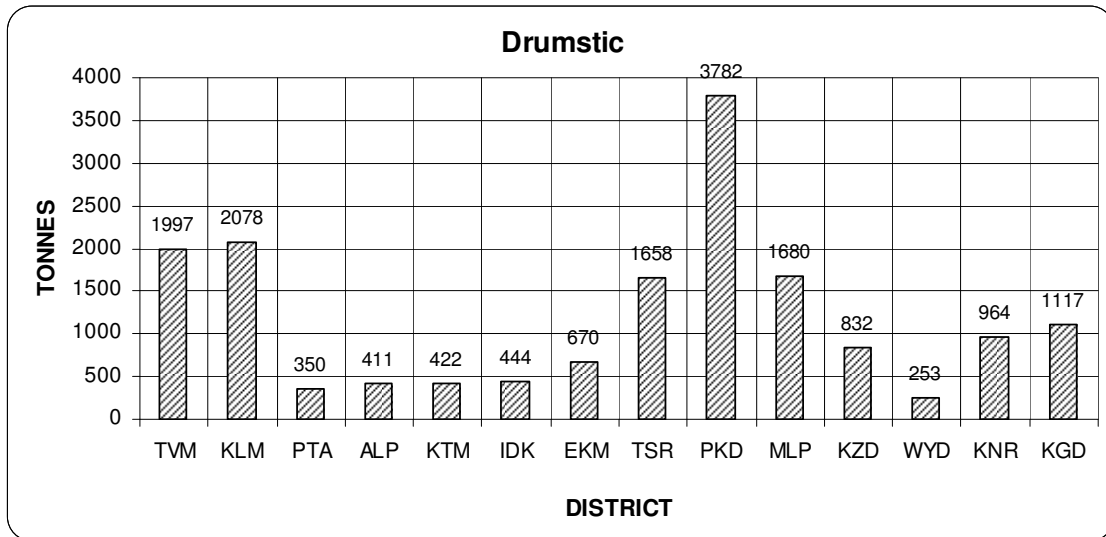
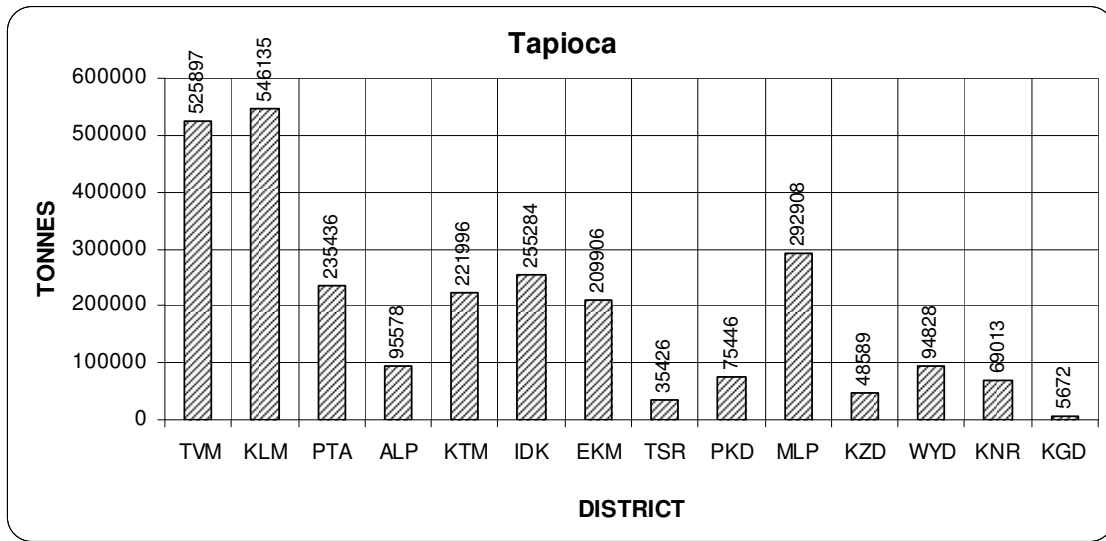
### DISTRICTWISE PRODUCTION OF IMPORTANT CROPS 2008-2009



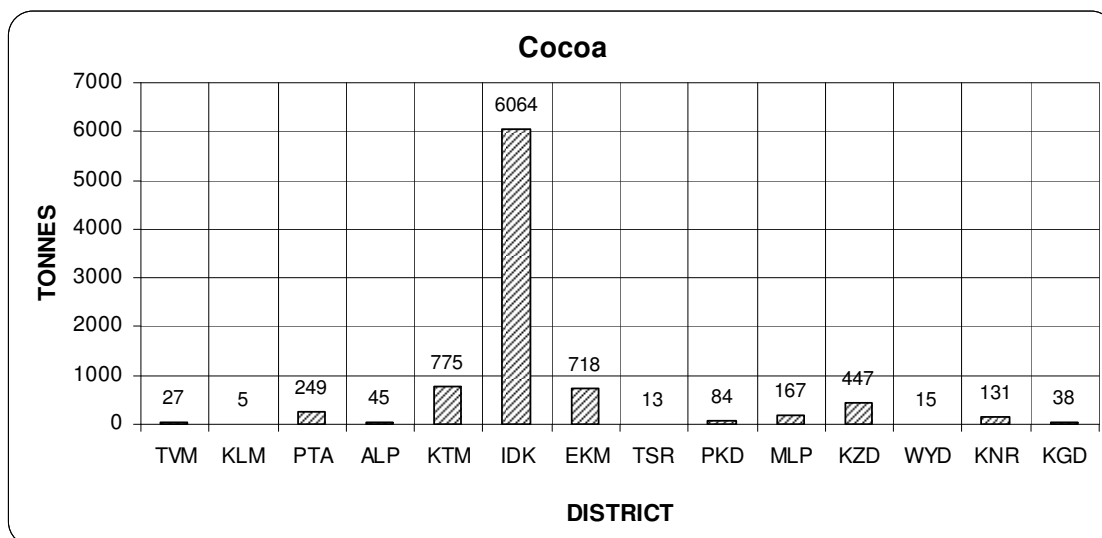
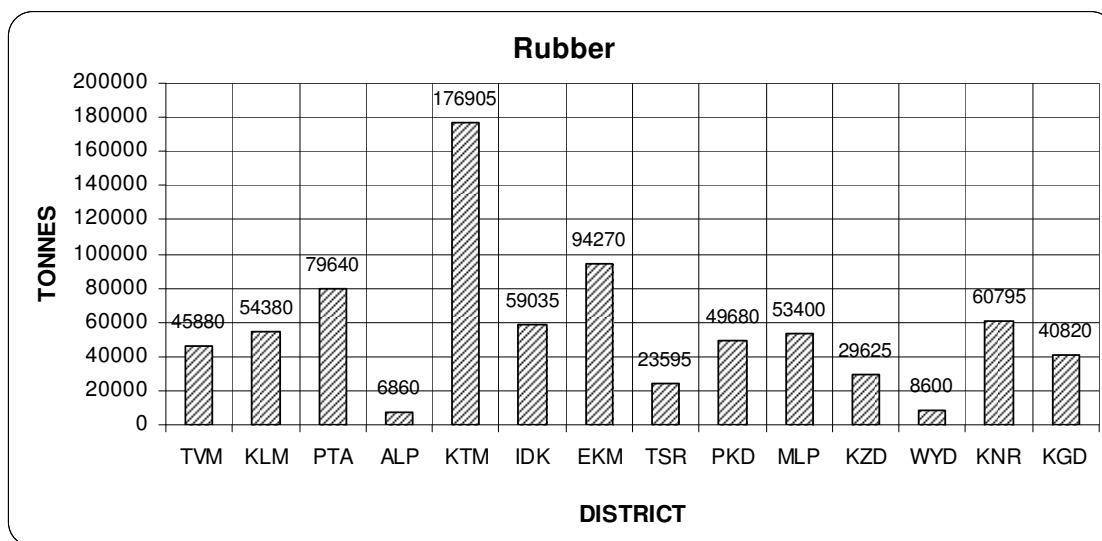
### DISTRICTWISE PRODUCTION OF IMPORTANT CROPS 2008-2009



**DISTRICTWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**



**DISTRICTWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**



**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Rice			Canegur	Black Pepper	Cured Ginger	Cured Turmeric
	Autumn	Winter	Summer				
	1	2	3				
<b>THIRUVANANTHAPURAM</b>							
1. Trivandrum Rural	11.857	8.902	1.106		2.983	0.075	0.136
2. Kazhakkuttam	181.308	14.901	89.613		26.660	1.328	0.617
3. Nemom	83.017	88.443	53.344		46.703	4.166	0.858
4. Athiyannur	29.480	5.362			19.951	1.129	1.678
5. Chirayinkeezh	375.941	475.658	89.262		84.726	2.462	1.328
6. Kilimanoor	1128.768	1680.024			240.836	23.556	9.127
7. Varkala	614.416	670.220	0.431		78.512	4.304	4.161
8. Nedumangad	62.617	36.481	12.647		111.757	14.010	10.967
9. Vellanad	118.886	97.685	7.318		170.983	36.573	17.114
10.Vamanapuram	234.521	152.910	1.118		244.157	164.404	71.928
11. Parassala	381.868	303.592	13.424		12.033	7.281	0.637
12. Perumkadavila	35.933	17.899	23.517		108.383	22.907	3.260
Corporation & Municipalities	101.796	56.087	14.115		53.052	8.408	2.512
<b>District Total</b>	<b>3360.408</b>	<b>3608.164</b>	<b>305.895</b>		<b>1200.736</b>	<b>290.603</b>	<b>124.323</b>
<b>KOLLAM</b>							
1. Ithikkara	352.022	767.853	55.899		178.214	29.903	33.039
2. Mukhathala	141.569	278.828	1.082		100.340	28.014	20.163
3. Anchalumood	21.810	49.674			29.287	4.527	3.561
4. Chittumala	52.879	159.835	0.219		95.208	16.837	19.439
5. Chavara	12.249	28.876			70.321	11.456	4.429
6. Karunagappally	55.592	152.501			35.996	8.343	3.992
7. Ochira	25.954	41.118			10.139	4.117	1.613

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Rice			Canegur	Black Pepper	Cured Ginger	Cured Turmeric
	Autumn	Winter	Summer				
	1	2	3				
8. Sasthamcottah	220.977	1065.572	17.785		190.249	129.987	39.100
9. Chadayamangalam	622.197	920.609			229.611	136.688	79.089
10. Kottarakkara	512.121	526.852	2.281		161.460	82.674	47.386
11. Vettikkavala	281.319	424.967	3.287		161.746	83.374	44.387
12. Anchal	364.785	489.899	0.127		212.892	243.079	81.074
13. Pathanapuram	267.228	210.162	2.705		131.044	103.375	42.143
Municipalities	52.701	109.202			6.597	9.983	4.123
<b>District Total</b>	<b>2983.403</b>	<b>5225.948</b>	<b>83.385</b>		<b>1613.104</b>	<b>892.357</b>	<b>423.538</b>
<b>PATHANAMTHITTA</b>							
1. Parakode	218.205	693.575			237.454	142.842	29.809
2. Pandalam	36.830	194.625	396.579		77.706	66.113	11.023
3. Kulanada	0.893	123.252	161.164		39.344	37.216	2.461
4. Elanthur	3.027	170.463	88.677		67.538	59.134	6.717
5. Konni	16.443	481.151	9.319		87.915	52.226	4.292
6. Ranni					303.152	56.606	20.429
7. Koipram	2.614	193.197	126.352	135.762	59.710	12.772	2.779
8. Mallappally		79.851	227.827		81.920	16.199	3.343
9. Pulikeezh	24.733	200.421	3753.478	184.992	3.903	3.850	0.558
Municipalities	0.601	18.035	177.830		27.171	15.612	1.271
<b>District Total</b>	<b>303.346</b>	<b>2154.570</b>	<b>4941.226</b>	<b>320.754</b>	<b>985.813</b>	<b>462.570</b>	<b>82.682</b>
<b>ALAPPUZHA</b>							
1. Thaikkattussery	111.426	19.516			3.934	0.041	0.155
2. Pattanakkadu	254.836	34.890			2.174	0.070	0.186

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Rice			Canegur	Black Pepper	Cured Ginger	Cured Turmeric
	Autumn	Winter	Summer				
	1	2	3				
3. Kanjikkuzhi	258.929	73.851			4.284		0.617
4. Aryad	57.097	7.730	245.932		4.885	0.130	0.187
5. Ambalapuzha	7161.266	93.520	2568.419		2.666	0.404	0.445
6. Chengannur	3.039	73.972	2046.440	552.978	26.663	97.868	5.537
7. Mavelikkara	27.859	72.960	1613.886		11.850	16.217	1.909
8. Bharanikavu	89.573	186.209	632.156		28.112	59.769	8.416
9. Harippad	224.562	1328.096	6489.961		9.069	9.187	6.269
10. Muthukulam	44.271	25.081	158.802		22.049	14.809	5.734
11. Veliyanad	684.083	10268.509	24543.976		0.310	0.182	
12. Chambakulam	15689.773	9722.938	16215.367		1.619	0.728	0.477
Municipalities	1647.411	92.205	1482.514		8.308	3.559	1.277
<b>District Total</b>	<b>26254.125</b>	<b>21999.477</b>	<b>55997.453</b>	<b>552.978</b>	<b>125.923</b>	<b>202.964</b>	<b>31.209</b>
<b>KOTTAYAM</b>							
1. Madappally	0.654	63.740	5754.978		47.313	13.935	4.740
2. Vazhoor		18.381	13.223		123.991	16.184	9.941
3. Ettumanoor	6629.141	204.183	2478.060	36.000	38.203	13.486	12.555
4. Pallom	1031.935	2408.717	4878.174	0.173	100.693	44.379	24.786
5. Pampady	9.279	84.671	6.757		250.209	26.540	16.268
6. Erattupettah	0.281	3.751			241.395	18.662	13.988
7. Lalam	35.878	252.006	3.707	7.320	85.417	23.615	16.539
8. Uzhavoor	259.951	712.431	161.789	11.059	186.438	295.706	188.127
9. Kaduthuruthy	139.907	1330.054	2438.891		28.481	26.986	52.344
10. Vaikom	1957.501	749.134	139.893		10.402	1.043	1.975

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Rice			Canegur	Black Pepper	Cured Ginger	Cured Turmeric
	Autumn	Winter	Summer				
	1	2	3				
11. Kanjirappally					227.370	36.670	29.951
Municipalities		15.203	371.837		7.387	10.917	16.317
<b>District Total</b>	<b>10064.527</b>	<b>5842.271</b>	<b>16247.309</b>	<b>54.552</b>	<b>1347.299</b>	<b>528.123</b>	<b>387.531</b>
<b>IDUKKI</b>							
1. Adimali		258.893	29.497		4190.954	826.059	122.972
2. Nedumkandam		581.481	32.528		3727.147	263.093	33.533
3. Thodupuzha	551.834	591.661	3.485		23.733	30.308	20.853
4. Elamdesam	672.238	1141.328			24.031	49.045	25.142
5. Kattappana		926.201	15.944		2678.803	338.914	42.120
6. Azhutha		21.988			3067.846	225.695	96.960
7. Idukki	10.283	69.159	18.310		1798.125	412.320	60.897
8. Devikulam		294.066	35.134	19133.899	1194.032	213.243	33.948
Municipality	67.269	172.496			3.618		4.577
<b>District Total</b>	<b>1301.624</b>	<b>4057.273</b>	<b>134.898</b>	<b>19133.899</b>	<b>16708.289</b>	<b>2358.677</b>	<b>441.002</b>
<b>ERNAKULAM</b>							
1. Alangad	431.289	72.775	14.653		24.619	0.886	1.352
2. Angamali	1157.369	1094.383	134.241		79.315	28.468	34.609
3. Edappalli	234.168	4.794			1.443		
4. Koovappadi	1905.509	2245.001	1260.974		45.381	157.136	34.438
5. Kothamangalam	1377.173	2175.961	440.077		100.778	313.208	381.938
6. Mulanthuruthy	448.400	735.362	528.102		51.696	1.936	2.665
7. Moovattupuzha	444.414	50.672	14.764		243.001	76.208	210.312



**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Rice			Canegur	Black Pepper	Cured Ginger	Cured Turmeric
	Autumn	Winter	Summer				
	1	2	3				
8. Palluruthi	40.566	347.530			5.317		
9. Pampakkuda	626.268	2354.347	5.234		162.537	58.267	94.350
10. Parakadavu	378.952	633.326	186.842		54.518	23.178	8.457
11. Parur	870.754	0.106			13.942	2.198	3.557
12. Vazhakkulam	700.856	1093.995	432.092		56.242	38.785	39.123
13. Vadavukode	1000.711	1317.527	314.291		42.072	13.520	22.267
14. Vypin	205.572				18.500	0.169	0.241
15. Vyttila	13.552				1.614	0.067	0.084
Corporation & Municipalities	336.142	208.076	70.156		26.859	22.439	35.190
<b>District Total</b>	<b>10171.695</b>	<b>12333.855</b>	<b>3401.426</b>		<b>927.834</b>	<b>736.465</b>	<b>868.583</b>
<b>THRISSUR</b>							
1. Chavakkad		192.983	419.541		10.244		0.642
2. Mullasserri		1150.105	3482.689		4.781	0.110	0.348
3. Thalikulam	1.460				5.350		0.520
4. Kodungallur		0.900			1.092	0.026	0.057
5. Mathilakam	19.006	27.360	31.999		2.673	0.122	0.943
6. Chalakkudy	169.240	206.954	39.198		93.725	15.285	13.666
7. Irinjalakuda	44.229	321.371	1136.743		43.414	6.462	8.408
8. Kodakara	689.599	1357.167	207.258		36.201	16.726	23.851
9. Mala	501.290	687.158	201.505		86.937	11.891	10.294
10. Vellangallur	150.938	751.578	218.316		65.170	13.988	6.666
11. Chowannur	281.935	3321.476	2815.490		92.316	10.230	3.810
12. Pazhayannur	5372.919	7737.733	62.163		76.037	18.056	36.958

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Rice			Canegur	Black Pepper	Cured Ginger	Cured Turmeric
	Autumn	Winter	Summer				
	1	2	3				
13. Vadakkancherry	1129.436	6467.288	137.607		178.835	20.350	21.111
14. Anthikkad	95.796	1424.571	2716.210		5.632	0.050	0.742
15. Cherpu	216.207	1886.319	9409.339		14.252	0.926	0.990
16. Ollukkara	119.489	1662.083	226.067		28.036	2.328	5.116
17. Puzhakkal	627.360	6318.476	7609.634		61.211	4.651	5.630
Municipalities	19.746	69.256	172.813		34.782	2.522	1.208
<b>District Total</b>	<b>9438.650</b>	<b>33582.778</b>	<b>28886.572</b>		<b>840.688</b>	<b>123.723</b>	<b>140.960</b>
<b>PALAKKAD</b>							
1. Alathur	18596.463	17280.639	6.637		127.388	312.318	227.512
2. Attappady		19.387	29.988	334.102	245.482	880.088	327.601
3. Chittoor	12820.565	1161.468	13722.193	5723.207	1.783	386.761	22.781
4. Kollangode	11002.932	3205.860	7349.174	11.724	0.756	1071.592	17.147
5. Kozhalmadam	21278.727	23983.361		23.239	22.259	626.059	287.089
6. Malampuzha	13919.719	14240.345	289.840	644.507	8.559	63.949	83.433
7. Mannarkkad	189.075	1123.877	107.388		141.692	49.557	127.367
8. Nenmara	14987.953	14399.180			10.288	645.642	77.657
9. Ottappalam	3149.397	5240.219	4.247		30.848	26.582	28.410
10. Palakkad Blck	8539.673	9288.355	78.757	25.792	37.768	287.394	103.746
11. Pattambi	2254.397	4662.009	22.504		108.049	40.397	23.436
12. Sreekrishnapuram	1560.661	3269.113	56.535		60.448	66.682	47.724
13. Thrithala	593.662	5066.199	366.092		55.976	21.130	8.117
Municipalities	2667.565	2104.707	1503.645		19.048	13.701	14.433
<b>District Total</b>	<b>111560.789</b>	<b>105044.719</b>	<b>23537.000</b>	<b>6762.571</b>	<b>870.344</b>	<b>4491.852</b>	<b>1396.453</b>

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Rice			Canegur	Black Pepper	Cured Ginger	Cured Turmeric
	Autumn	Winter	Summer				
	1	2	3				
<b>MALAPPURAM</b>							
1. Malappuram	326.875	1051.705			13.836	12.593	59.341
2. Kondotty	132.014	494.305	75.231		77.455	20.017	65.215
3. Arikkode	105.707	125.427	51.546		77.260	26.515	99.111
4. Wandoor	415.140	932.115	7.497		124.066	15.756	161.133
5. Nilambur	954.857	1314.599	22.029		49.250	10.698	40.586
6. Tirur	70.970	943.023	127.051		7.753	0.341	0.710
7. Tanur	31.137	498.839	5.060		18.990	0.947	5.886
8. Tirurangadi	157.966	617.112	962.143		11.334	1.252	3.548
9. Vengara	37.081	1031.865	195.071		17.120	7.373	20.899
10. Kuttippuram	84.745	2591.444	84.183		22.673	3.798	3.928
11. Perinthalmanna	457.113	930.682			43.457	21.043	56.880
12. Mankada	617.101	2174.225			71.782	36.302	106.038
13. Ponnani	119.961	865.517	1204.537		18.987	0.572	0.311
14. Perumpadappu	168.133	788.472	1990.697		16.443	0.244	0.273
Municipalities	140.246	344.339	16.538		19.235	3.919	14.899
<b>District Total</b>	<b>3819.046</b>	<b>14703.669</b>	<b>4741.583</b>		<b>589.641</b>	<b>161.370</b>	<b>638.758</b>
<b>KOZHIKODE</b>							
1. Kozhikode	2.449	56.048	6.367		9.606	0.604	5.943
2. Chelannur	8.492	314.663	22.704		18.076	6.638	39.637
3. Kunnangalam	72.003	893.598	293.731		48.644	45.286	126.217
4. Koduvally	78.843	304.649	7.932		43.754	48.925	128.526
5. Balussery	12.310	719.367	26.552		82.545	64.186	156.872

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Rice			Canegur	Black Pepper	Cured Ginger	Cured Turmeric
	Autumn	Winter	Summer				
	1	2	3				
6. Perambra	7.513	791.408	586.933		197.186	34.424	119.010
7. Melady	2.997	86.283	142.358		31.318	16.148	38.490
8. Panthalayani	12.629	136.674	40.792		10.472	2.112	12.320
9. Vadakara	7.408	25.243			38.761	0.741	2.164
10. Thodannur	20.871	254.672	279.216		60.216	6.664	33.087
11. Thuneri	28.171	82.188	6.515		155.767	4.252	22.100
12. Kunnummel	11.379	161.455	2.810		102.291	23.754	112.553
Corporation & Municipalities	24.366	75.875	6.530		23.986	1.546	14.183
<b>District Total</b>	<b>289.431</b>	<b>3902.123</b>	<b>1422.440</b>		<b>822.622</b>	<b>255.280</b>	<b>811.102</b>
<b>WAYANAD</b>							
1. Vaithiri		4393.626	1080.166		297.468	2109.443	120.672
2. Mananthavady		9117.288	2694.502		1569.221	4967.580	171.334
3. Sulthan Battery		12169.611	4373.638		2657.384	12619.682	213.973
Municipality		26.435	5.450		1.778	16.607	1.673
<b>District Total</b>		<b>25706.960</b>	<b>8153.756</b>		<b>4525.851</b>	<b>19713.312</b>	<b>507.652</b>
<b>KANNUR</b>							
1. Koothuparambu	224.466	151.197	30.227		164.337	7.905	34.127
2. Peravoor	277.840	286.617	89.370		207.822	243.580	104.135
3. Iritty	655.422	853.058	58.117		399.537	149.368	158.347
4. Thalassery	72.514	28.790			75.405	0.640	11.229
5. Kannur	23.990	12.008			24.309		1.207
6. Edakkadu	380.465	494.397	5.514		87.346	0.935	7.719

**TABLE-4.1  
BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Rice			Canegur	Black Pepper	Cured Ginger	Cured Turmeric
	Autumn	Winter	Summer				
	1	2	3				
7. Thaliparamba	1756.949	910.442		572.665	285.227	62.502	64.703
8. Payyannur	1155.794	1818.620	0.366		421.697	35.214	24.205
9. Irikkur	1089.800	1719.964	4.743		238.248	26.805	32.864
Municipalities	903.477	629.396	3.260	149.520	142.102	4.827	22.820
<b>District Total</b>	<b>6540.717</b>	<b>6904.489</b>	<b>191.597</b>	<b>722.185</b>	<b>2046.030</b>	<b>531.776</b>	<b>461.356</b>
<b>KASARGOD</b>							
1. Kanhangad	1768.169	834.300	31.905		388.194	37.608	32.536
2. Nileswar	1258.556	1286.272	131.376		338.358	17.912	10.845
3. Kasargod	1286.415	580.950	56.072		393.406	3.602	3.621
4. Manjeswar	2175.134	987.783	100.512		261.331		0.136
Municipalities	193.588	345.924	6.351		5.166	0.713	1.257
<b>District Total</b>	<b>6681.862</b>	<b>4035.229</b>	<b>326.216</b>		<b>1386.455</b>	<b>59.835</b>	<b>48.395</b>

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Arecanut	Jack (Million Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
	8	9	10	11	12	13	14
<b>THIRUVANANTHAPURAM</b>							
1. Trivandrum Rural	3.977	0.255	18.554	387.054	2.797	2398.488	305.410
2. Kazhakkuttam	13.902	1.976	243.836	1576.611	28.579	21128.903	1287.027
3. Nemom	39.484	3.412	3546.880	3806.206	383.542	77688.930	1162.471
4. Athiyannur	9.224	1.477	925.536	4059.720	38.372	34929.821	814.236
5. Chirayinkeezh	32.826	2.032	135.859	3151.525	56.610	22218.604	570.113
6. Kilimanoor	145.675	4.700	428.597	5126.219	138.501	105697.900	630.441
7. Varkala	28.158	2.065	129.756	3075.083	66.892	51528.186	299.115
8. Nedumangad	71.232	1.338	567.734	2673.371	177.749	24612.768	184.167
9. Vellanad	90.020	2.106	1166.834	3805.536	297.896	28011.010	195.651
10. Vamanapuram	54.981	2.710	1209.981	2635.404	424.835	49949.833	171.915
11. Parassala	11.944	1.172	3874.356	4242.917	73.905	24229.478	746.507
12. Perumkadavila	60.972	1.669	6094.427	6177.132	257.500	62949.978	629.699
Corporation & Municipalities	39.014	1.460	515.210	2625.307	126.601	20553.000	654.415
<b>District Total</b>	<b>601.409</b>	<b>26.372</b>	<b>18857.560</b>	<b>43342.085</b>	<b>2073.779</b>	<b>525896.899</b>	<b>7651.167</b>
<b>KOLLAM</b>							
1. Ithikkara	43.781	2.355	138.485	1746.159	138.776	36644.288	767.749
2. Mukhathala	57.118	1.724	68.163	821.558	28.218	24928.884	690.311
3. Anchalumood	38.727	0.430	20.239	695.651	7.162	2851.072	445.037
4. Chittumala	68.073	1.727	16.250	1098.288	32.356	18616.546	542.835
5. Chavara	194.853	1.001	26.749	1179.863	12.484	14893.931	151.276
6. Karunagappally	60.919	0.551	26.821	813.520	39.309	18953.798	202.592
7. Ochira	25.291	0.136	5.983	309.548	19.209	7943.175	159.882

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Arecanut	Jack (Million Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
	8	9	10	11	12	13	14
8. Sasthamcottah	181.530	3.307	1559.506	2596.246	77.703	60327.969	817.174
9. Chadayamangalam	307.072	3.402	1443.874	5408.995	191.231	93698.612	676.423
10. Kottarakkara	117.079	1.869	2209.737	2973.315	63.668	38515.038	415.355
11. Vettikkavala	239.630	2.736	2717.758	3138.497	276.682	87744.794	433.520
12. Anchal	220.023	3.133	2102.702	5495.951	327.888	69448.444	244.868
13. Pathanapuram	102.842	1.342	1990.645	1927.507	197.391	67453.746	185.424
Municipalities	29.487	0.263	108.626	833.340	24.468	4114.268	159.953
<b>District Total</b>	<b>1686.425</b>	<b>23.976</b>	<b>12435.538</b>	<b>29038.438</b>	<b>1436.545</b>	<b>546134.565</b>	<b>5892.399</b>
<b>PATHANAMTHITTA</b>							
1. Parakode	86.665	1.675	2337.475	2766.738	263.080	111819.587	363.677
2. Pandalam	21.183	0.330	610.668	658.339	60.798	23661.750	90.058
3. Kulanada	24.106	0.864	687.768	1211.807	52.338	7224.484	108.934
4. Elanthur	51.265	0.899	1443.962	2123.293	57.062	8867.084	163.839
5. Konni	79.252	1.370	1655.052	1240.805	95.172	18782.453	194.637
6. Ranni	116.724	1.829	5595.150	3008.469	219.733	21925.060	443.130
7. Koipram	55.388	1.702	1080.318	2427.562	48.587	11365.214	350.325
8. Mallappally	41.243	0.930	1397.387	1340.376	123.006	16667.739	318.790
9. Pulikeezh	38.511	0.554	589.187	1526.968	6.430	3996.649	146.060
Municipalities	40.198	0.836	317.862	1143.562	22.129	11125.732	326.466
<b>District Total</b>	<b>554.535</b>	<b>10.989</b>	<b>15714.829</b>	<b>17447.919</b>	<b>948.335</b>	<b>235435.752</b>	<b>2505.916</b>
<b>ALAPPUZHA</b>							
1. Thaikkattusery	36.057	0.128	4.181	192.906	3.784	133.038	44.614
2. Pattanakkadu	73.400	0.344	9.704	487.821	10.800	179.205	428.954

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Arecanut	Jack (Million Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
	8	9	10	11	12	13	14
3. Kanjikkuzhi	34.668	0.203	5.258	1176.509	6.896	288.311	180.436
4. Aryad	23.606	0.065	1.015	320.035	10.148	421.399	140.635
5. Ambalapuzha	15.934	0.183	2.041	630.783	6.163	229.354	215.280
6. Chengannur	39.077	1.513	2179.572	1552.008	149.773	25015.187	388.994
7. Mavelikkara	16.248	0.722	206.265	1075.735	36.447	16031.652	281.635
8. Bharanikavu	95.379	1.204	601.342	1255.726	137.837	37011.613	410.403
9. Harippad	64.171	1.390	254.764	747.423	47.818	4162.213	817.556
10. Muthukulam	82.892	0.345	28.171	336.404	32.712	8416.169	459.511
11. Veliyanad	166.938	0.216	101.686	1127.100	11.470	298.298	100.357
12. Chambakulam	233.066	0.235	241.416	1249.726	11.417	712.563	256.116
Municipalities	74.053	0.672	154.935	1574.200	25.563	2679.276	652.802
<b>District Total</b>	<b>955.489</b>	<b>7.220</b>	<b>3790.350</b>	<b>11726.376</b>	<b>490.828</b>	<b>95578.278</b>	<b>4377.293</b>
<b>KOTTAYAM</b>							
1. Madappally	40.026	1.982	1417.904	2238.810	727.136	18150.643	305.480
2. Vazhoor	35.529	1.079	584.152	938.202	426.823	7886.801	211.564
3. Ettumanoor	31.108	1.541	516.969	3536.565	47.279	13768.677	117.940
4. Pallom	60.223	1.516	1143.806	3837.492	906.316	11498.480	460.331
5. Pampady	59.013	1.271	969.163	1710.970	911.896	15706.966	472.780
6. Erattupettah	228.077	2.214	2427.554	6011.821	649.773	21552.608	192.809
7. Lalam	133.318	1.123	2499.057	1034.001	534.701	26464.306	233.704
8. Uzhavoor	277.506	2.355	11141.247	4418.666	1442.116	71137.421	399.454
9. Kaduthuruthy	175.146	0.903	3059.971	2492.997	430.615	14471.600	293.023
10. Vaikom	186.471	0.902	996.812	2285.363	13.909	1946.817	352.524



**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Arecanut	Jack (Million Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
	8	9	10	11	12	13	14
11. Kanjirappally	100.390	2.578	2476.564	3029.162	3633.264	14950.375	1312.068
Municipalities	18.771	0.491	179.940	1010.183	45.491	4461.117	110.776
<b>District Total</b>	<b>1345.578</b>	<b>17.955</b>	<b>27413.139</b>	<b>32544.232</b>	<b>9769.319</b>	<b>221995.811</b>	<b>4462.453</b>
<b>IDUKKI</b>							
1. Adimali	1724.182	5.837	10798.728	2677.368	151.736	25423.160	364.480
2. Nedumkandam	547.346	6.558	1201.921	4085.552	45.205	17072.664	426.087
3. Thodupuzha	86.512	0.645	610.234	812.003	2168.408	27034.467	189.208
4. Elamdesam	81.517	0.849	1899.349	1649.495	4428.530	26183.505	61.630
5. Kattappana	270.712	7.511	2785.963	2981.940	46.982	28483.732	288.742
6. Azhutha	179.107	11.911	2408.491	6833.059	937.867	74458.354	874.404
7. Idukki	264.380	3.124	2633.722	5058.079	256.899	35414.726	209.496
8. Devikulam	611.093	2.444	803.915	1380.639	12.568	14557.576	142.043
Municipality	13.011	0.245	519.792		868.370	6655.95	36.594
<b>District Total</b>	<b>3777.860</b>	<b>39.124</b>	<b>23662.115</b>	<b>25478.135</b>	<b>8916.565</b>	<b>255284.134</b>	<b>2592.684</b>
<b>ERNAKULAM</b>							
1. Alangad	117.899	0.796	7293.761	2480.815	2.200	2358.788	324.708
2. Angamali	732.994	2.050	14865.850	3002.847	157.453	15325.594	335.396
3. Edappalli	10.197	0.084	3.893	69.197	0.124	28.324	23.644
4. Koovappadi	383.911	3.412	6910.543	2635.360	2449.171	25657.496	393.730
5. Kothamangalam	1036.184	1.369	7677.550	1602.063	12511.961	47236.185	396.518
6. Mulanthuruthy	165.942	0.461	231.278	467.744	470.046	3273.207	738.017
7. Moovattupuzha	671.591	1.505	4566.912	1598.123	19061.785	23915.039	305.714
8. Palluruthi	38.953	0.038	2.152	159.263	3.163	28.724	142.663

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Arecanut	Jack (Million Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
	8	9	10	11	12	13	14
9. Pampakkuda	442.585	2.153	4017.852	3429.597	11109.885	35186.814	295.978
10. Parakadavu	215.696	0.702	6997.729	1915.920	42.122	8956.584	207.739
11. Parur	264.517	0.473	322.931	939.789	8.805	908.451	195.426
12. Vazhakkulam	399.148	2.028	3013.662	3047.879	5339.767	15069.227	610.677
13. Vadavukode	572.732	1.452	2389.299	1274.746	7455.612	13149.588	431.612
14. Vypin	215.790	0.209	1.512	566.438	11.080	77.744	527.909
15. Vyttila	32.407	0.046	2.271	192.242	2.618	76.230	42.548
Corporation & Municipalities	263.562	1.278	2477.697	1816.913	1238.402	18657.528	736.977
<b>District Total</b>	<b>5564.108</b>	<b>18.056</b>	<b>60774.892</b>	<b>25198.936</b>	<b>59864.194</b>	<b>209905.523</b>	<b>5709.256</b>
<b>THRISSUR</b>							
1. Chavakkad	62.500	0.375	2.400	540.095	10.401	83.360	298.640
2. Mullasserri	54.003	0.190	11.752	444.497	1.450	10.125	254.865
3. Thalikulam	161.164	0.548	2.620	177.135	7.312	21.259	206.531
4. Kodungallur	70.030	0.137	0.634	207.426	0.601	9.300	46.384
5. Mathilakam	158.290	0.469	4.021	821.524	10.064	39.204	114.928
6. Chalakkudy	256.979	1.764	4632.135	3385.028	138.472	16085.150	303.747
7. Irinjalakuda	121.927	1.061	499.510	1602.951	14.965	471.328	530.677
8. Kodakara	608.557	1.349	4565.625	1693.010	33.485	3964.063	407.650
9. Mala	314.425	1.272	835.718	2647.196	18.614	2689.800	845.700
10. Vellangallur	219.163	0.937	406.809	1607.387	25.365	1050.665	306.978
11. Chowannur	1279.394	1.901	225.570	1590.701	8.200	753.314	374.437
12. Pazhayannur	501.729	1.677	1728.704	1518.941	129.243	3753.706	740.399
13. Vadakkancherry	2066.761	2.386	2222.825	1872.367	30.274	2622.240	801.382

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Arecanut	Jack (Million Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
	8	9	10	11	12	13	14
14. Anthikkad	101.630	0.311	20.931	346.246	4.993	23.163	158.541
15. Cherpu	115.871	0.596	736.857	393.094	2.459	624.115	193.610
16. Ollukkara	400.649	1.051	7738.920	1420.796	58.999	2386.475	700.283
17. Puzhakkal	599.179	1.082	965.411	1394.312	16.738	785.270	356.075
Municipalities	147.982	0.532	495.442	1424.769	9.655	53.738	316.484
<b>District Total</b>	<b>7240.233</b>	<b>17.638</b>	<b>25095.884</b>	<b>23087.475</b>	<b>521.290</b>	<b>35426.275</b>	<b>6957.311</b>
<b>PALAKKAD</b>							
1. Alathur	497.329	4.272	4579.902	1993.332	65.930	11312.912	1252.342
2. Attappady	3269.559	2.579	35308.937	92439.543	5.341	9851.084	383.990
3. Chittoor	117.833	0.399	5307.937	14126.774	0.850	11975.626	663.335
4. Kollangode	30.306	0.432	21.565	684.381	0.153	770.075	337.590
5. Kozhalmadam	20.143	1.773	456.308	1273.009	7.659	5824.140	421.571
6. Malampuzha	162.457	0.347	1308.188	4023.648	1.888	2647.526	556.466
7. Mannarkkad	4049.719	3.143	20712.371	7419.040	72.901	17294.339	480.872
8. Nenmara	226.260	0.599	505.779	1390.639	5.672	1459.793	446.807
9. Ottappalam	38.470	1.556	3300.513	2201.232	81.432	1434.195	553.244
10. Palakkad Blck	210.527	1.796	4055.846	3920.600	37.597	2196.803	789.665
11. Pattambi	496.800	4.653	5462.072	1119.045	24.530	4590.700	1141.751
12. Sreekrishnapuram	569.501	2.496	19740.459	1662.550	141.518	4668.073	1001.580
13. Thrithala	838.428	1.902	1533.332	832.684	40.253	963.438	678.151
Municipalities	67.542	1.447	967.127	627.300	12.241	457.209	481.067
<b>District Total</b>	<b>10594.874</b>	<b>27.394</b>	<b>103260.336</b>	<b>133713.777</b>	<b>497.965</b>	<b>75445.913</b>	<b>9188.431</b>

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Arecanut	Jack (Million Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
	8	9	10	11	12	13	14
<b>MALAPPURAM</b>							
1. Malappuram	1233.707	1.364	1150.675	2025.557	25.973	13066.137	641.433
2. Kondotty	1329.217	2.292	8048.179	1188.332	40.438	29680.753	865.015
3. Arikkode	2455.051	2.415	2000.076	1657.575	58.790	13340.052	1092.967
4. Wandoor	3933.945	2.741	10745.158	2020.939	291.870	90099.636	1337.761
5. Nilambur	3117.793	1.666	3161.785	912.476	103.112	32993.032	589.696
6. Tirur	257.717	0.937	79.381	81.979	2.550	50.640	699.507
7. Tanur	551.039	1.885	126.979	450.934	5.324	890.800	707.078
8. Tirurangadi	260.289	0.996	2676.240	242.813	12.265	2994.255	489.847
9. Vengara	892.549	1.649	1575.598	755.331	12.225	9082.463	563.969
10. Kuttippuram	1114.649	2.298	686.093	1590.636	15.517	6892.242	717.417
11. Perinthalmanna	1171.643	2.272	8567.336	707.669	39.651	25309.124	926.182
12. Mankada	1175.136	2.933	7774.879	2807.701	63.948	53362.320	1807.463
13. Ponnani	883.290	0.521	28.992	584.370	13.883	352.364	468.932
14. Perumpadappu	719.413	0.566	7.492	204.525	1.247	208.967	362.675
Municipalities	376.416	0.970	1156.534	1620.675	13.487	14584.757	913.700
<b>District Total</b>	<b>19471.854</b>	<b>25.505</b>	<b>47785.397</b>	<b>16851.512</b>	<b>700.280</b>	<b>292907.542</b>	<b>12183.642</b>
<b>KOZHIKODE</b>							
1. Kozhikode	184.365	1.153	225.654	500.376	11.277	309.557	437.024
2. Chelannur	468.930	1.279	834.981	606.604	43.625	4026.347	562.505
3. Kunnamangalam	3016.007	2.445	2019.028	1658.173	66.311	4300.999	1541.633
4. Koduvally	5873.368	2.903	1590.509	1861.498	165.427	9240.976	1367.081
5. Balussery	2019.733	7.486	1953.902	1590.387	176.344	12432.825	629.879

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Arecanut	Jack (Million Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
	8	9	10	11	12	13	14
6. Perambra	2008.527	2.245	1232.936	761.144	140.046	6971.468	255.953
7. Melady	168.159	0.818	407.440	215.512	47.205	702.851	95.119
8. Panthalayani	84.529	0.280	179.598	192.880	28.666	418.544	84.842
9. Vadakara	91.154	0.628	117.622	98.579	33.868	892.470	134.065
10. Thodannur	180.877	1.088	327.919	892.818	51.292	2441.863	432.524
11. Thuneri	560.838	1.671	470.811	341.448	68.884	2282.951	428.459
12. Kunnummel	1178.348	4.749	1025.281	744.593	106.272	4307.287	724.970
Corporation & Municipalities	408.616	1.441	142.580	842.836	29.621	260.650	821.467
<b>District Total</b>	<b>16243.451</b>	<b>28.186</b>	<b>10528.261</b>	<b>10306.848</b>	<b>968.838</b>	<b>48588.788</b>	<b>7515.521</b>
<b>WAYANAD</b>							
1. Vaithiri	2138.836	3.443	27914.304	2982.142	48.708	21606.206	405.535
2. Mananthavady	1449.989	5.385	20035.288	2345.661	137.042	43983.062	593.076
3. Sulthan Battery	1819.192	5.769	16279.842	4973.179	43.309	28584.813	1562.713
Municipality	109.950	0.420	1008.340	377.850	0.227	653.738	36.014
<b>District Total</b>	<b>5517.967</b>	<b>15.017</b>	<b>65237.774</b>	<b>10678.832</b>	<b>229.286</b>	<b>94827.819</b>	<b>2597.338</b>
<b>KANNUR</b>							
1. Koothuparambu	893.616	2.163	3997.383	1531.871	82.023	9003.495	405.708
2. Peravoor	721.752	1.255	3911.479	1337.268	104.212	11917.290	311.094
3. Iritty	906.967	3.535	3396.062	1048.982	90.898	7557.644	442.218
4. Thalassery	279.651	1.328	1106.816	1066.924	25.911	1626.989	220.764
5. Kannur	36.301	1.337	9.493	50.360	4.794	10.901	296.213
6. Edakkadu	314.657	2.699	679.929	461.781	31.266	3994.375	804.562

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Arecanut	Jack (Million Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
	8	9	10	11	12	13	14
7. Thaliparamba	4381.760	4.500	1365.441	1196.027	257.264	11026.039	798.192
8. Payyannur	3963.842	4.168	354.871	1580.850	120.802	4184.759	671.254
9. Irikkur	2662.153	2.976	902.776	1608.937	203.591	14522.136	476.194
Municipalities	493.893	1.707	2467.292	585.118	50.404	5169.547	816.180
<b>District Total</b>	<b>14654.592</b>	<b>25.668</b>	<b>18191.542</b>	<b>10468.118</b>	<b>971.165</b>	<b>69013.175</b>	<b>5242.379</b>
<b>KASARGOD</b>							
1. Kanhangad	6436.685	2.146	1483.499	1178.311	166.291	2458.923	1232.780
2. Nileswar	4658.138	1.896	634.662	2637.566	80.494	1644.552	858.195
3. Kasargod	11268.232	1.935	284.611	2910.443	122.804	311.077	804.054
4. Manjeswar	15000.364	1.110	19.901	2841.549	120.303	40.268	540.132
Municipalities	82.131	0.243	808.351	183.048	4.545	1217.678	185.059
<b>District Total</b>	<b>37445.550</b>	<b>7.330</b>	<b>3231.024</b>	<b>9750.917</b>	<b>494.437</b>	<b>5672.498</b>	<b>3620.220</b>

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Drum-stick	Sesa-mum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel leaves
	15	16	17	18	19	20	21
<b>THIRUVANANTHAPURAM</b>							
1. Trivandrum Rural	47.989		29.719	0.451	0.144	1.044	2.694
2. Kazhakkuttam	161.236		87.069	2.013	0.711	11.099	7.703
3. Nemom	230.571		40.753	2.823	1.191	6.537	50.716
4. Athiyannur	107.450		50.201	0.615	1.788	5.734	24.431
5. Chirayinkeezh	105.631		48.708	0.944	0.678	38.809	31.607
6. Kilimanoor	230.139		66.522	0.714	0.862	160.080	245.487
7. Varkala	147.952		56.981	0.713	0.277	116.956	
8. Nedumangad	24.060		32.855	3.015	1.699	20.100	123.654
9. Vellanad	29.090		31.365	1.687	4.474	8.160	124.789
10. Vamanapuram	52.811		25.786	3.363	6.109	20.650	261.339
11. Parassala	437.016		37.921	6.676	1.335	10.951	60.876
12. Perumkadavila	296.278		38.358	19.708	6.491	29.810	101.516
Corporation & Municipalities	126.287		53.533	1.990	1.560	12.654	27.714
<b>District Total</b>	<b>1996.510</b>		<b>599.771</b>	<b>44.712</b>	<b>27.319</b>	<b>442.584</b>	<b>1062.526</b>
<b>KOLLAM</b>							
1. Ithikkara	339.099		74.061	1.239		233.557	12.341
2. Mukhathala	184.023	0.432	39.587	1.392		80.860	0.531
3. Anchalumood	119.695	5.600	17.139	2.278	0.257	52.280	
4. Chittumala	348.502		26.180	1.432		134.484	10.832
5. Chavara	133.346	12.761	58.890	1.557	0.340	32.116	8.700
6. Karunagappally	77.696	39.692	27.456	1.485		54.943	52.345
7. Ochira	31.134	19.543	22.403	0.334		16.510	23.698

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Drum-stick	Sesa-mum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel leaves
	15	16	17	18	19	20	21
8. Sasthamcottah	130.330	16.322	44.510	2.557		195.618	378.100
9. Chadayamangalam	226.711		38.554	7.737	1.731	182.800	255.091
10. Kottarakkara	93.208		28.687	0.592		73.062	255.236
11. Vettikkavala	138.247		25.425	3.930		68.585	377.582
12. Anchal	113.300		23.052	1.584		86.445	374.274
13. Pathanapuram	88.458		10.654	0.624	2.334	118.949	476.560
Municipalities	54.356		6.078	0.120		10.198	19.084
<b>District Total</b>	<b>2078.105</b>	<b>94.350</b>	<b>442.676</b>	<b>26.861</b>	<b>4.662</b>	<b>1340.407</b>	<b>2244.374</b>
<b>PATHANAMTHITTA</b>							
1. Parakode	56.419		20.991	4.338	1.519	97.084	237.603
2. Pandalam	8.930	0.052	5.683	2.845	1.361	9.815	105.332
3. Kulanada	16.147		4.376	4.904	4.370	19.790	68.632
4. Elanthur	26.220		8.517	30.235	23.633	15.979	88.478
5. Konni	24.658		12.936	12.883	14.359	15.904	49.284
6. Ranni	104.809		12.659	28.878	66.443	47.622	5.870
7. Koipram	42.815	0.144	13.901	92.884	75.926	21.429	7.893
8. Mallappally	37.997		8.926	22.974	44.681	11.961	
9. Pulikeezh	10.854		11.117	12.537	11.868	6.037	
Municipalities	20.783		11.801	11.716	4.384	7.692	6.443
<b>District Total</b>	<b>349.632</b>	<b>0.196</b>	<b>110.907</b>	<b>224.194</b>	<b>248.544</b>	<b>253.313</b>	<b>569.535</b>
<b>ALAPPUZHA</b>							
1. Thaikkattusery	7.681		19.047	1.750	0.375	37.231	12.583
2. Pattanakkadu	12.694		22.434	4.988	0.559	67.519	14.776



**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Drum-stick	Sesa-mum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel leaves
	15	16	17	18	19	20	21
3. Kanjikkuzhi	30.650	0.541	15.794	5.574	0.841	78.321	65.570
4. Aryad	9.037		13.380	0.998	0.443	94.384	0.766
5. Ambalapuzha	36.913		11.261	0.371	0.656	22.089	
6. Chengannur	41.811		16.688	18.744	20.064	88.420	253.462
7. Mavelikkara	31.276	62.737	19.248	0.802		32.007	173.594
8. Bharanikavu	53.465	3.264	18.472	0.729		56.049	699.787
9. Harippad	38.896	3.715	31.643	0.295	2.291	80.030	7.964
10. Muthukulam	40.160	7.626	38.377	1.566	1.013	70.959	5.503
11. Veliyanad	47.507		14.846	2.592	4.468		
12. Chembakulam	17.847		19.122	2.067	12.144	5.471	
Municipalities	42.795	0.390	35.137	10.474	2.138	35.322	31.057
<b>District Total</b>	<b>410.732</b>	<b>78.273</b>	<b>275.449</b>	<b>50.950</b>	<b>44.992</b>	<b>667.802</b>	<b>1265.062</b>
<b>KOTTAYAM</b>							
1. Madappally	82.373		1.028	7.963	23.022	13.326	9.107
2. Vazhoor	20.739		2.522	31.426	58.715	19.282	
3. Ettumanoor	35.504		15.554	47.676	12.181	5.790	15.784
4. Pallom	58.152		8.333	61.109	38.909	15.788	69.116
5. Pampady	19.738		25.819	38.982	35.586	7.268	106.606
6. Erattupettah	16.219		20.136	68.687	74.427	24.538	
7. Lalam	16.432		15.586	99.244	107.198	11.333	
8. Uzhavoor	22.340		36.654	118.960	167.267	25.295	51.240
9. Kaduthuruthy	33.314		10.538	96.086	54.210	6.695	55.883
10. Vaikom	38.064		6.400	100.445	13.948	21.205	46.888

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Drum-stick	Sesa-mum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel leaves
	15	16	17	18	19	20	21
11. Kanjirappally	41.763		3.409	40.496	183.733	7.833	
Municipalities	37.800		47.538	31.538	5.943	1.279	
<b>District Total</b>	<b>422.438</b>		<b>193.517</b>	<b>742.612</b>	<b>775.139</b>	<b>159.632</b>	<b>354.624</b>
<b>IDUKKI</b>							
1. Adimali	56.114		12.131	620.807	3373.709	466.184	
2. Nedumkandam	105.280		10.560	20.508	166.357	38.207	
3. Thodupuzha	7.546	1.147	5.672	34.200	82.557	10.379	
4. Elamdesam	17.188		8.266	24.026	43.408	7.606	
5. Kattappana	110.057		7.936	32.251	382.275	37.318	
6. Azhutha	93.261		9.208	143.763	242.660	78.751	
7. Idukki	46.531		21.962	220.155	1706.612	74.898	
8. Devikulam	5.477		2.000	10.446	60.135	17.054	
Municipality	2.782		0.796	2.070	6.369	0.760	
<b>District Total</b>	<b>444.236</b>	<b>1.147</b>	<b>78.531</b>	<b>1108.226</b>	<b>6064.082</b>	<b>731.157</b>	
<b>ERNAKULAM</b>							
1. Alangad	23.294	1.133	14.591	97.971	1.963	9.631	3.532
2. Angamali	62.700		28.448	801.721	7.060	36.774	
3. Edappalli	0.661		1.411	0.133		0.656	2.293
4. Koovappadi	33.404		15.428	574.941	82.493	9.452	171.272
5. Kothamangalam	65.076	5.197	26.633	431.431	236.308	9.720	39.130
6. Mulanthuruthy	27.995		10.389	22.734	0.566	9.358	14.058
7. Moovattupuzha	59.580		16.760	638.391	102.835	13.864	

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Drum-stick	Sesa-mum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel leaves
	15	16	17	18	19	20	21
8. Palluruthi	12.427	14.018	6.801	1.000	0.468	8.462	
9. Pampakkuda	30.841		12.392	574.963	214.575	10.217	14.711
10. Parakadavu	70.146		19.267	489.929	2.016	77.843	
11. Parur	28.030		26.663	92.734	1.550	21.467	1.262
12. Vazhakkulam	46.737		14.207	695.197	26.460	13.205	232.714
13. Vadavukode	42.861		8.716	510.355	13.738	8.428	146.574
14. Vypin	47.054		19.070	48.547	1.860	3.082	
15. Vyttila	6.320		5.694	0.701	0.124	3.324	0.381
Corporation & Municipalities	113.339		22.897	228.251	26.375	5.452	
<b>District Total</b>	<b>670.465</b>	<b>20.348</b>	<b>249.367</b>	<b>5208.999</b>	<b>718.391</b>	<b>240.935</b>	<b>625.927</b>
<b>THRISSUR</b>							
1. Chavakkad	161.530		33.491	13.630		50.264	
2. Mullasserri	42.924		19.564	1.346		15.252	
3. Thalikulam	93.599		29.408	18.148		39.657	
4. Kodungallur	7.939		8.250	5.986		5.112	
5. Mathilakam	49.660		23.943	27.134		36.549	
6. Chalakkudy	59.337		31.156	682.091	7.088	90.996	269.137
7. Irinjalakuda	25.824		2.803	232.836		88.407	
8. Kodakara	126.074	1.204	50.179	376.033	1.585	40.528	47.427
9. Mala	29.526		30.535	1064.235	1.195	92.015	166.096
10. Vellangallur	43.143		27.448	425.938	1.248	50.224	0.251
11. Chowannur	79.056	0.558	31.671	5.577		78.688	2.277
12. Pazhayannur	305.912	2.984	42.815	4.584	0.175	81.758	

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Drum-stick	Sesa-mum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel leaves
	15	16	17	18	19	20	21
13. Vadakkancherry	219.904	0.152	51.046	5.133		120.091	
14. Anthikkad	32.126		23.838	6.203	0.111	18.023	
15. Cherpu	67.691		20.849	15.177	0.582	56.301	
16. Ollukkara	195.508	0.481	28.983	83.287	0.888	137.461	1.600
17. Puzhakkal	72.333		37.275	33.525	0.120	26.788	
Municipalities	45.572		38.220	345.314		20.930	166.235
<b>District Total</b>	<b>1657.658</b>	<b>5.379</b>	<b>531.474</b>	<b>3346.177</b>	<b>12.992</b>	<b>1049.044</b>	<b>653.023</b>
<b>PALAKKAD</b>							
1. Alathur	533.723	0.739	43.163	32.254	2.926	96.612	
2. Attappady	137.387		61.016	5.091	36.945	802.300	
3. Chittoor	467.112		66.587	7.256	4.852	12.317	
4. Kollangode	247.333		22.206	0.465	0.039	4.039	
5. Kozhalmadam	181.733	0.222	14.104	0.100	0.704	66.801	
6. Malampuzha	316.398		31.796	3.350	2.221	21.858	3.471
7. Mannarkkad	193.191	0.039	58.452	28.713	36.623	186.706	44.842
8. Nenmara	199.801		13.985	0.849	0.081	16.438	
9. Ottappalam	193.116		15.532			99.425	
10. Palakkad Blck	512.989		20.388	0.754	0.041	116.452	
11. Pattambi	218.948		40.389	3.812		87.065	5.265
12. Sreekrishnapuram	194.275	0.459	23.513	2.945		110.947	49.746
13. Thrithala	171.713	7.103	23.289	3.745		99.905	5.712
Municipalities	214.633	0.025	16.060	1.179		29.082	1.373
<b>District Total</b>	<b>3782.352</b>	<b>8.587</b>	<b>450.480</b>	<b>90.513</b>	<b>84.432</b>	<b>1749.947</b>	<b>110.409</b>

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Drum-stick	Sesa-mum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel leaves
	15	16	17	18	19	20	21
<b>MALAPPURAM</b>							
1. Malappuram	122.846	39.406	14.645	0.670		327.456	1729.817
2. Kondotty	79.409		89.314	4.838	0.254	352.007	537.349
3. Arikkode	186.379		82.779	10.410	13.795	491.704	1000.373
4. Wandoor	158.706		106.211	43.475	134.360	721.650	183.327
5. Nilambur	64.668		73.805	8.212	18.224	269.328	287.014
6. Tirur	97.192	2.385	32.192	3.326		26.410	650.386
7. Tanur	114.233	9.294	87.225	10.777		25.133	2859.653
8. Tirurangadi	54.534	0.811	59.570	6.848		55.655	43.471
9. Vengara	122.109	5.491	36.744	13.055		160.955	1354.965
10. Kuttippuram	202.179	5.225	65.296	7.431		85.821	1064.577
11. Perinthalmanna	93.976	4.602	73.707	0.429		141.571	
12. Mankada	123.068	31.115	90.846	2.139		186.141	2899.453
13. Ponnani	66.302	0.970	10.231	1.126	0.019	83.077	14.674
14. Perumpadappu	66.472	0.623	5.608	1.954	0.123	25.963	8.957
Municipalities	127.555	0.967	123.394	1.570		199.727	237.468
<b>District Total</b>	<b>1679.628</b>	<b>100.889</b>	<b>951.567</b>	<b>116.260</b>	<b>166.775</b>	<b>3152.598</b>	<b>12871.484</b>
<b>KOZHIKODE</b>							
1. Kozhikode	42.095		34.747	2.054	0.666	16.151	
2. Chelannur	58.187		74.550	3.158		35.956	8.175
3. Kunnamangalam	98.096		107.667	53.819	119.107	124.349	136.999
4. Koduvally	108.628		118.359	52.233	99.931	86.143	75.502
5. Balussery	40.503		125.811	12.562	188.626	134.728	14.413

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Drum-stick	Sesa-mum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel leaves
	15	16	17	18	19	20	21
6. Perambra	36.578		106.275	25.011	20.349	323.388	241.681
7. Melady	19.296		57.276	1.087		28.398	313.643
8. Panthalayani	3.746		26.623	1.428		12.759	160.726
9. Vadakara	48.488		33.264	0.559		30.662	0.362
10. Thodannur	86.941		44.129	0.754		59.802	140.979
11. Thuneri	132.773		70.440	3.053	0.758	134.200	6.480
12. Kunnummel	53.412		73.695	17.723	16.181	121.268	12.041
Corporation & Municipalities	102.946		68.159	5.010	1.706	16.109	20.866
<b>District Total</b>	<b>831.689</b>		<b>940.995</b>	<b>178.451</b>	<b>447.324</b>	<b>1123.913</b>	<b>1131.867</b>
<b>WAYANAD</b>							
1. Vaithiri	5.932		7.999	2.576	6.075	11.066	26.388
2. Mananthavady	46.852	0.635	6.971	4.838	4.403	273.828	6.852
3. Sulthan Battery	197.972		20.990	0.608	3.904	32.914	
Municipality	1.766		1.672		0.621		
<b>District Total</b>	<b>252.522</b>	<b>0.635</b>	<b>37.632</b>	<b>8.022</b>	<b>15.003</b>	<b>317.808</b>	<b>33.240</b>
<b>KANNUR</b>							
1. Koothuparambu	75.103		73.140	0.967		2098.688	
2. Peravoor	118.437		22.093	8.152	17.164	2421.751	109.850
3. Iritty	120.005		39.099	2.156	29.270	4723.613	117.782
4. Thalassery	67.812		34.891	1.386		131.738	
5. Kannur	19.691		7.665			25.224	
6. Edakkadu	51.822		41.915		0.306	224.717	

**TABLE-4.1**  
**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2008-2009**

(Production in Tonnes)

Block	Drum-stick	Sesa-mum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel leaves
	15	16	17	18	19	20	21
7. Thaliparamba	198.095		93.942	5.940	24.620	3027.053	99.064
8. Payyannur	138.815		62.329	1.678	18.642	3320.399	6.925
9. Irikkur	90.657		63.899	3.390	41.323	4246.256	17.450
Municipalities	83.372		60.818	0.639	0.091	537.839	
<b>District Total</b>	<b>963.809</b>		<b>499.791</b>	<b>24.308</b>	<b>131.416</b>	<b>20757.278</b>	<b>351.071</b>
<b>KASARGOD</b>							
1. Kanhangad	341.053		106.078	21.596	2.566	2709.627	504.760
2. Nileswar	281.920		100.163	21.895	1.531	1629.237	200.057
3. Kasargod	206.150		95.067	17.585	4.341	1959.568	106.798
4. Manjeswar	214.621		93.116	17.589	30.053	4021.477	86.339
Municipalities	73.037		45.037			26.922	
<b>District Total</b>	<b>1116.781</b>		<b>439.461</b>	<b>78.665</b>	<b>38.491</b>	<b>10346.831</b>	<b>897.954</b>

**TABLE-5**  
**ESTIMATED AREA AND PRODUCTION OF RICE (AUTUMN) - 2008-2009**

(Area in Hectares & Production in Tonnes)

Sl. No.	District	High Yielding						Local						Total	
		Irrigated		Unirrigated		Total		Irrigated		Unirrigated		Total		Area	Production
		Area	Production	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	1195	3035	91	218	1286	3253	64	107			64	107	1350	3360
2	Kollam	166	412	1133	2528	1299	2940			19	43	19	43	1318	2983
3	Pathanamthitta	87	210	42	91	129	301			1	2	1	2	130	303
4	Alappuzha	8041	25212	391	720	8432	25932	33	70	290	252	323	322	8755	26254
5	Kottayam	3309	10016	1	1	3310	10017	18	46	3	2	21	48	3331	10065
6	Idukki	494	1302			494	1302							494	1302
7	Eranakulam	3080	6217	1194	2411	4274	8628			823	1544	823	1544	5097	10172
8	Thrissur	155	254	4483	8959	4638	9213			130	226	130	226	4768	9439
9	Palakkad	9345	24209	34474	84899	43819	109108	28	36	1812	2417	1840	2453	45659	111561
10	Malappuram	47	98	1627	3606	1674	3704			70	115	70	115	1744	3819
11	Kozhikode	6	10	113	204	119	214	1	1	96	74	97	75	216	289
12	Wayanad														
13	Kannur	91	156	2898	5445	2989	5601	6	11	728	929	734	940	3723	6541
14	Kasaragod	47	85	2357	5834	2404	5919	16	24	376	739	392	763	2796	6682
	<b>State</b>	<b>26063</b>	<b>71216</b>	<b>48804</b>	<b>114916</b>	<b>74867</b>	<b>186132</b>	<b>166</b>	<b>295</b>	<b>4348</b>	<b>6343</b>	<b>4514</b>	<b>6638</b>	<b>79381</b>	<b>192770</b>



**TABLE-6**  
**ESTIMATED AREA AND PRODUCTION OF RICE (WINTER) - 2008-2009**  
 (Area in Hectares & Production in Tonnes)

Sl. No.	District	High Yielding						Local Varieties						Total	
		Irrigated		Unirrigated		Total		Irrigated		Unirrigated		Total		Area	Production
		Area	Production	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	1508	3535	21	73	1529	3608							1529	3608
2	Kollam	807	1781	500	1033	1307	2814	648	1409	468	1003	1116	2412	2423	5226
3	Pathanamthitta	685	1734			685	1734	179	421			179	421	864	2155
4	Alappuzha	6837	21187	237	575	7074	21762	11	12	182	225	193	237	7267	21999
5	Kottayam	2228	5750			2228	5750	51	92			51	92	2279	5842
6	Idukki	1149	2887	3	8	1152	2895	412	1162			412	1162	1564	4057
7	Eranakulam	5536	11444	296	743	5832	12187	75	147			75	147	5907	12334
8	Thrissur	10543	26516			10543	26516	3683	6874	100	193	3783	7067	14326	33583
9	Palakkad	35297	91993	1650	3395	36947	95388	3560	6222	1881	3435	5441	9657	42388	105045
10	Malappuram	3704	8280	794	1551	4498	9831	2452	3789	798	1084	3250	4873	7748	14704
11	Kozhikode	201	387	338	667	539	1054	285	273	2320	2575	2605	2848	3144	3902
12	Wayanad	6565	17859	1413	3663	7978	21522	955	2203	917	1982	1872	4185	9850	25707
13	Kannur	2467	5180			2467	5180	1177	1603	164	121	1341	1724	3808	6904
14	Kasaragod	998	2197			998	2197	1027	1838			1027	1838	2025	4035
	<b>State</b>	<b>78525</b>	<b>200730</b>	<b>5252</b>	<b>11708</b>	<b>83777</b>	<b>212438</b>	<b>14515</b>	<b>26045</b>	<b>6830</b>	<b>10618</b>	<b>21345</b>	<b>36663</b>	<b>105122</b>	<b>249101</b>

**TABLE - 7**  
**ESTIMATED AREA AND PRODUCTION OF RICE (SUMMER) - 2008-2009**

(Area in Hectares & Production in Tonnes)

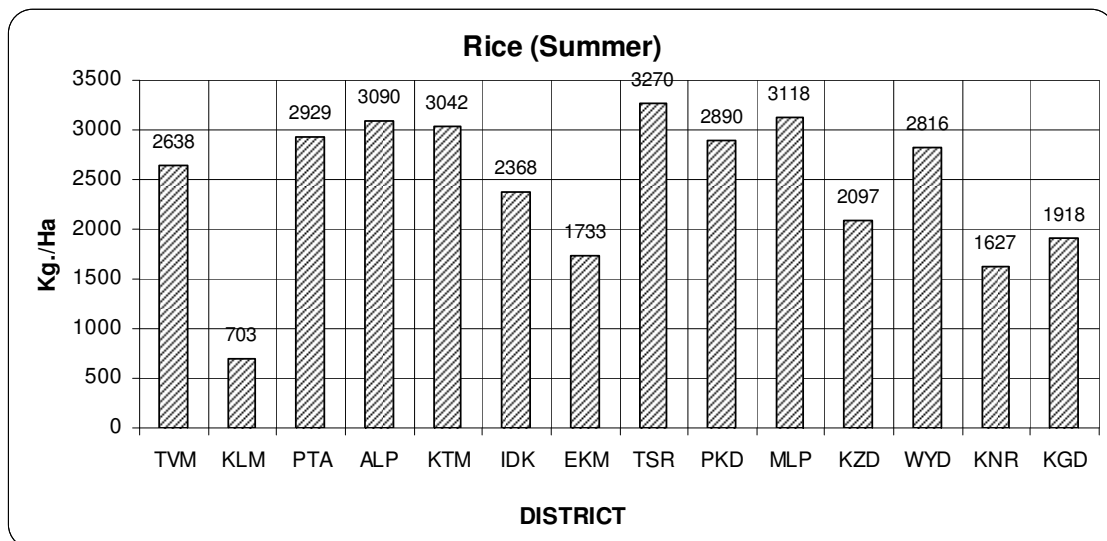
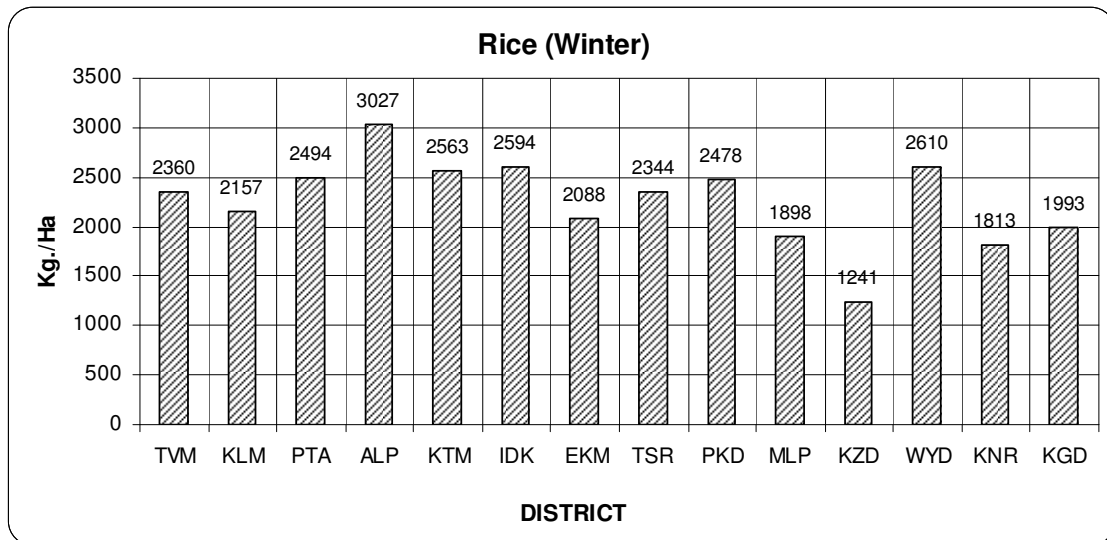
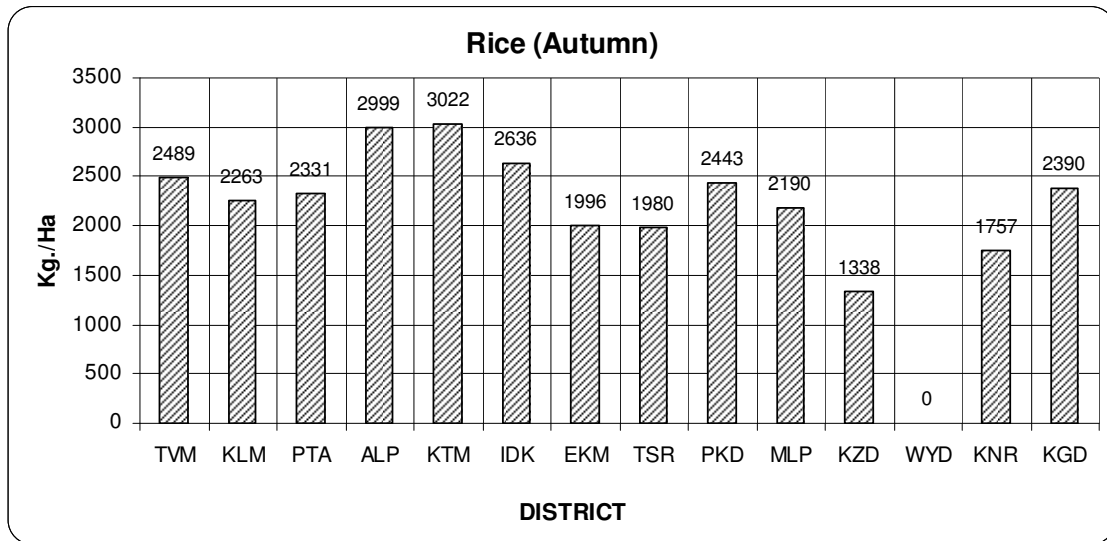
Sl. No.	Name of District	High Yielding						Local Varieties						Total	
		Irrigated		Unirrigated		Total		Irrigated		Unirrigated		Total		Area	Production
		Area	Production	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production		
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
1	Thiruvananthapuram	116	306			116	306							116	306
2	Kollam	90	53			90	53	28	30			28	30	118	83
3	Pathanamthitta	1687	4941			1687	4941							1687	4941
4	Alappuzha	18121	55997			18121	55997							18121	55997
5	Kottayam	5340	16247			5340	16247	1				1		5341	16247
6	Idukki	49	117			49	117	8	18			8	18	57	135
7	Eranakulam	1958	3394			1958	3394	4	7			4	7	1962	3401
8	Thrissur	8820	28867			8820	28867	14	20			14	20	8834	28887
9	Palakkad	8139	23535	2	1	8141	23536	2	1			2	1	8143	23537
10	Malappuram	1504	4714			1504	4714	17	28			17	28	1521	4742
11	Kozhikode	645	1387			645	1387	33	35			33	35	678	1422
12	Wayanad	2780	7881	4	5	2784	7886	112	268			112	268	2896	8154
13	Kannur	67	129			67	129	50	62	1	1	51	63	118	192
14	Kasaragod	98	210			98	210	72	116			72	116	170	326
	<b>State</b>	<b>49414</b>	<b>147778</b>	<b>6</b>	<b>6</b>	<b>49420</b>	<b>147784</b>	<b>341</b>	<b>585</b>	<b>1</b>	<b>1</b>	<b>342</b>	<b>586</b>	<b>49762</b>	<b>148370</b>

**TABLE-8  
ESTIMATED PRODUCTIVITY OF CROPS - 2008-2009**

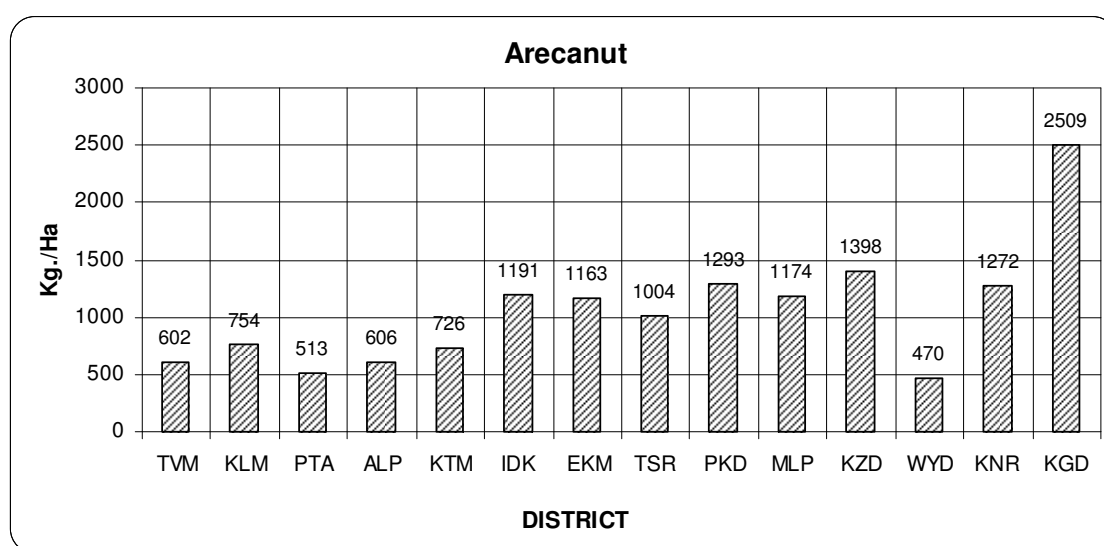
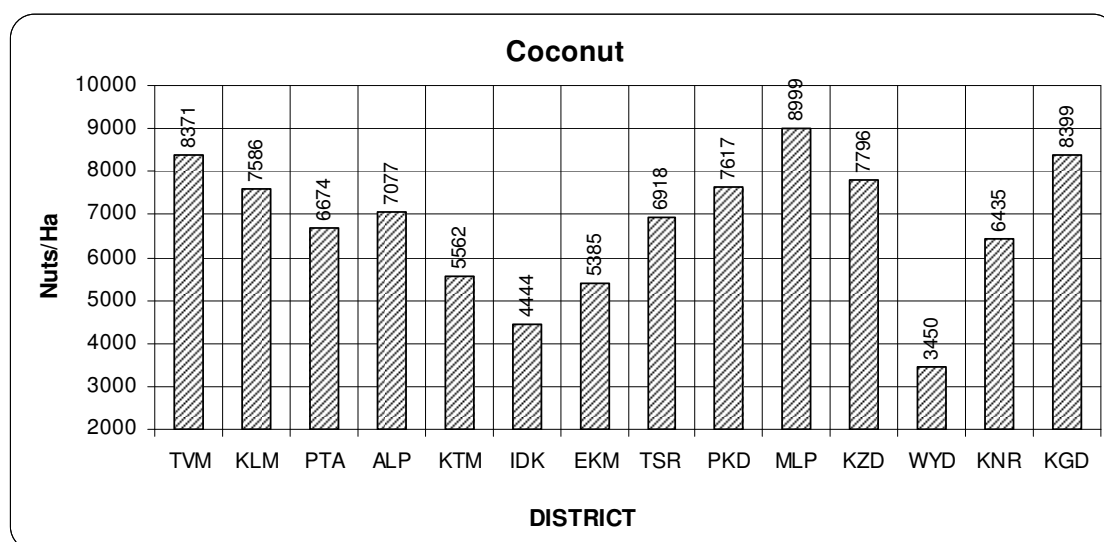
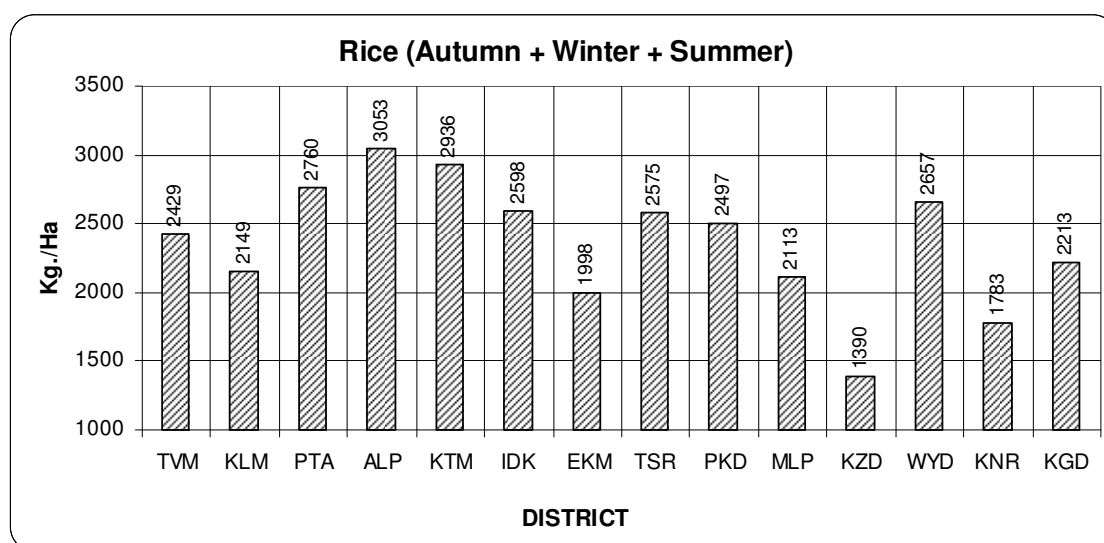
(Productivity in Kg./Ha)

Sl. No.	District	Rice			Cocunut (Nos/Ha)	Arecanut	Tapioca	Raw Cashewnuts	Black Pepper	Rubber	Banana	Plantain	Jack (Nos/Ha)	Cocoa	Sesamum
		Autumn	Winter	Summer											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	2489	2360	2638	8371	602	25922	433	211	1529	7013	7687	4783	391	
2	Kollam	2263	2157	703	7586	754	28433	448	189	1525	6886	6812	3797	357	570
3	Pathanamthitta	2331	2494	2929	6674	513	36479	359	273	1600	7881	8943	4756	566	
4	Alappuzha	2999	3027	3090	7077	606	29211	311	93	1595	6732	6241	3410	536	839
5	Kottayam	3022	2563	3042	5562	726	35395	289	141	1571	9440	8688	4290	579	
6	Idukki	2636	2594	2368	4444	1191	33128	536	287	1499	8748	7516	3491	592	200
7	Eranakulam	1996	2088	1733	5385	1163	36955	404	175	1617	9518	6661	5003	555	769
8	Thrissur	1980	2344	3270	6918	1004	31715	430	174	1606	9050	5414	3794	277	135
9	Palakkad	2443	2478	2890	7617	1293	23577	468	154	1426	8966	12359	4608	538	273
10	Malappuram	2190	1898	3118	8999	1174	38883	585	98	1446	7477	7028	3249	884	465
11	Kozhikode	1338	1241	2097	7796	1398	26123	506	98	1486	7456	4741	3124	563	
12	Wayanad		2610	2816	3450	470	41319	328	217	923	6008	6198	2005	105	
13	Kannur	1757	1813	1627	6435	1272	32692	1071	200	1435	7774	4360	3562	443	
14	Kasaragod	2390	1993	1918	8399	2509	23151	1091	256	1389	8057	5746	3780	241	
	<b>State</b>	<b>2428</b>	<b>2370</b>	<b>2982</b>	<b>7365</b>	<b>1289</b>	<b>31088</b>	<b>799</b>	<b>221</b>	<b>1514</b>	<b>7965</b>	<b>7973</b>	<b>3658</b>	<b>575</b>	<b>536</b>

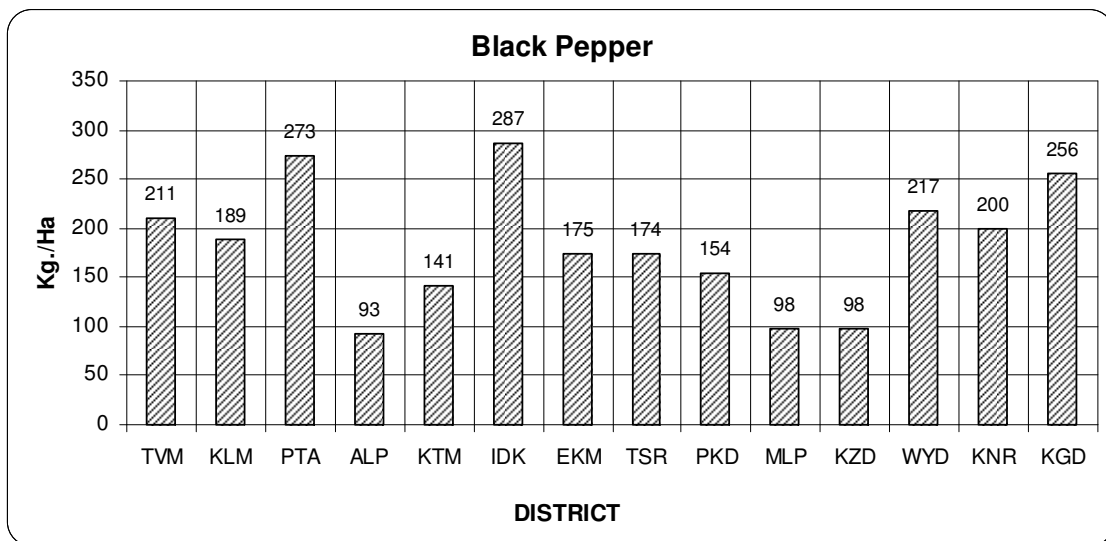
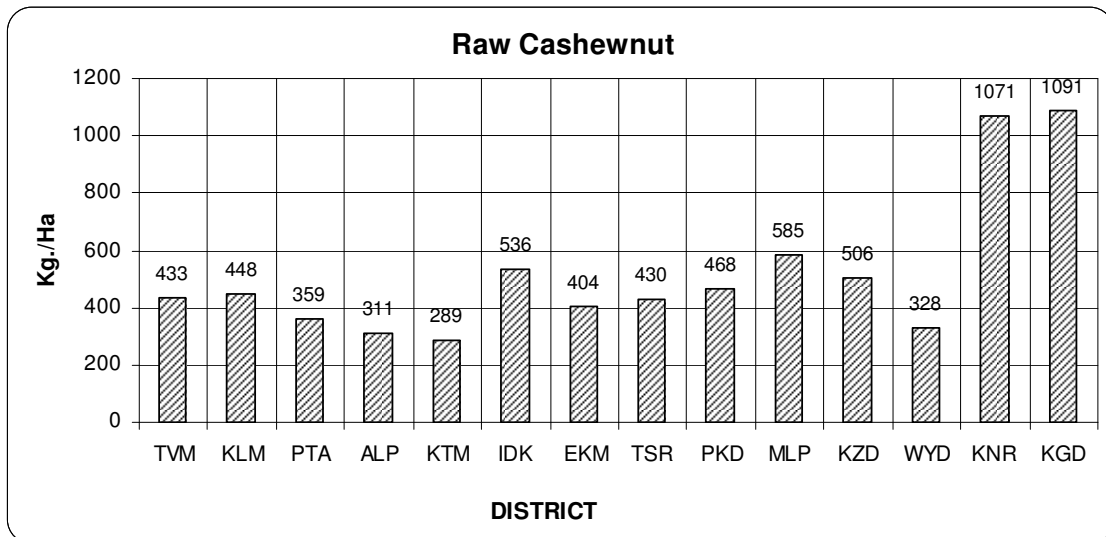
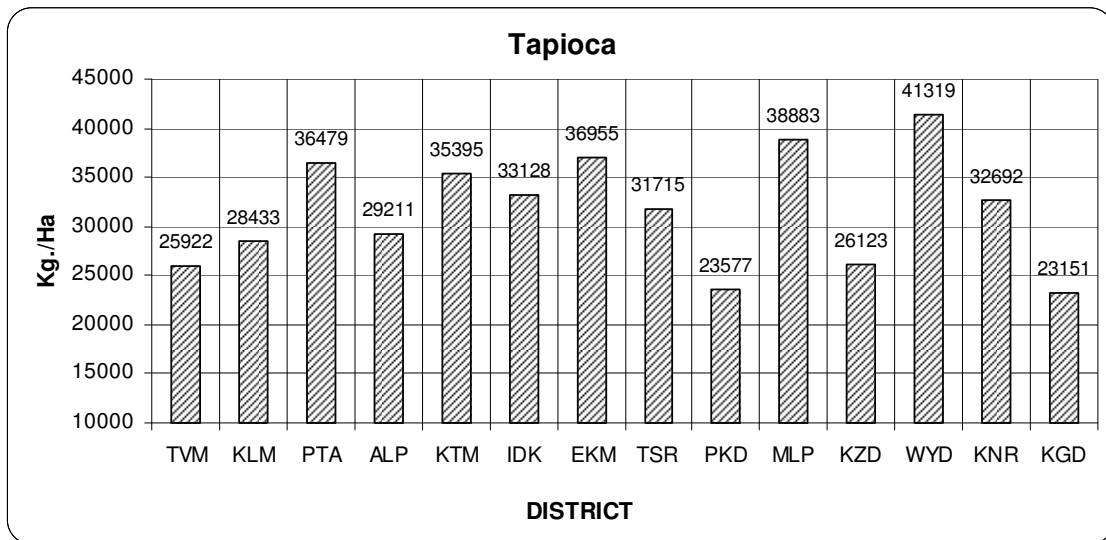
**DISTRICTWISE PRODUCTIVITY OF IMPORTANT CROPS - 2008-2009**



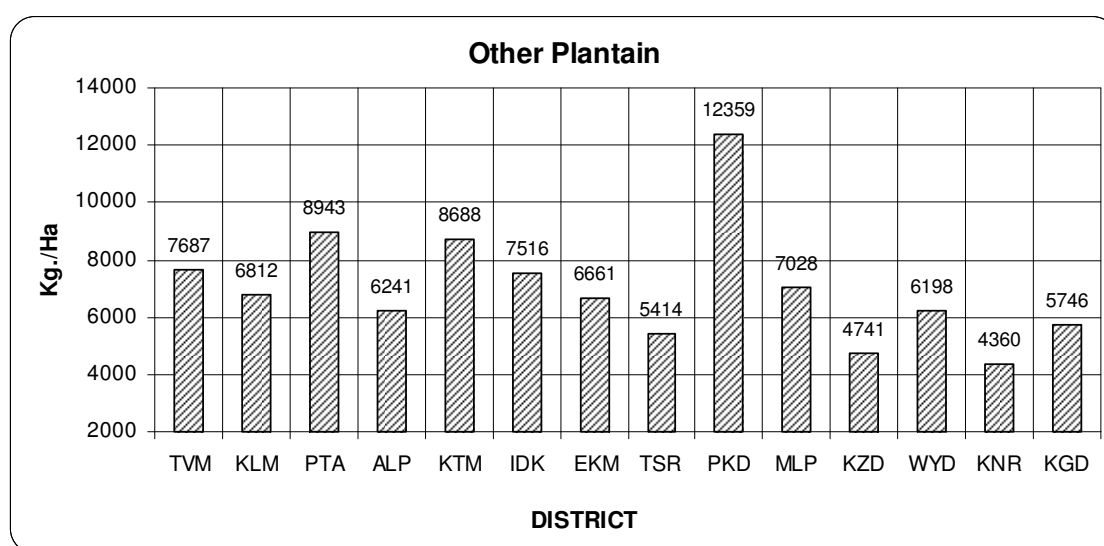
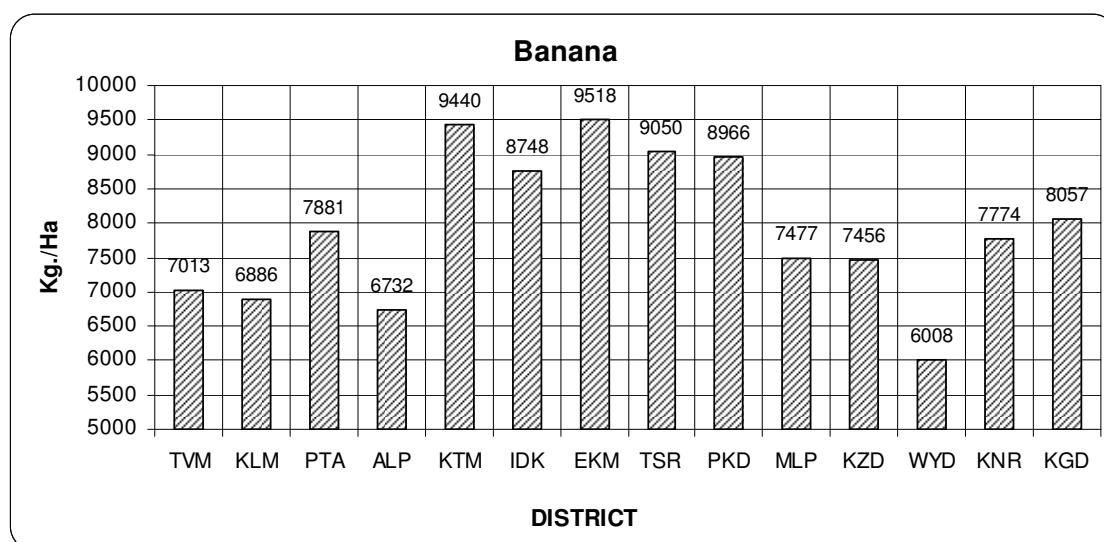
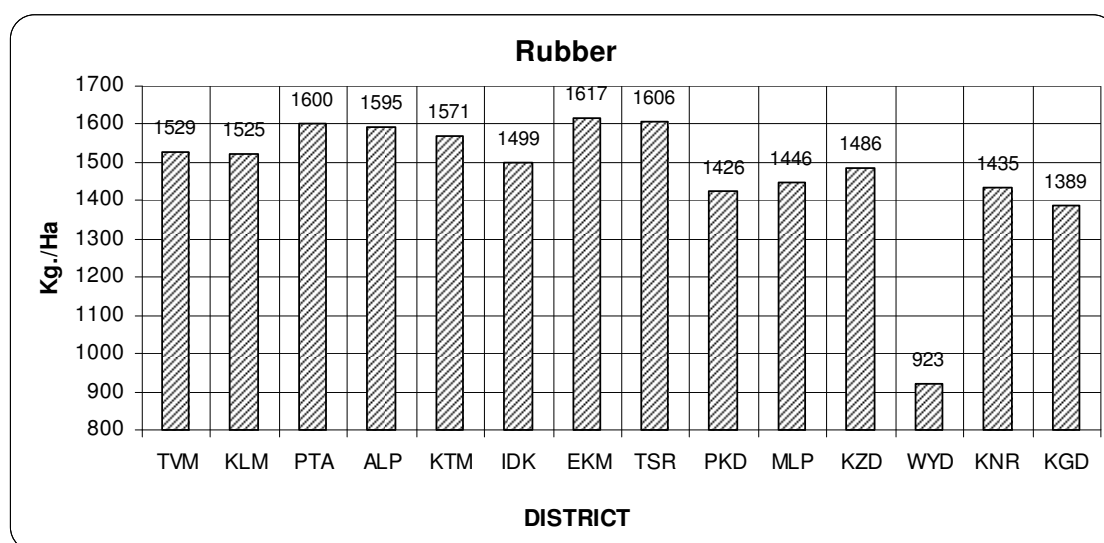
**DISTRICTWISE PRODUCTIVITY OF IMPORTANT CROPS - 2008-2009**



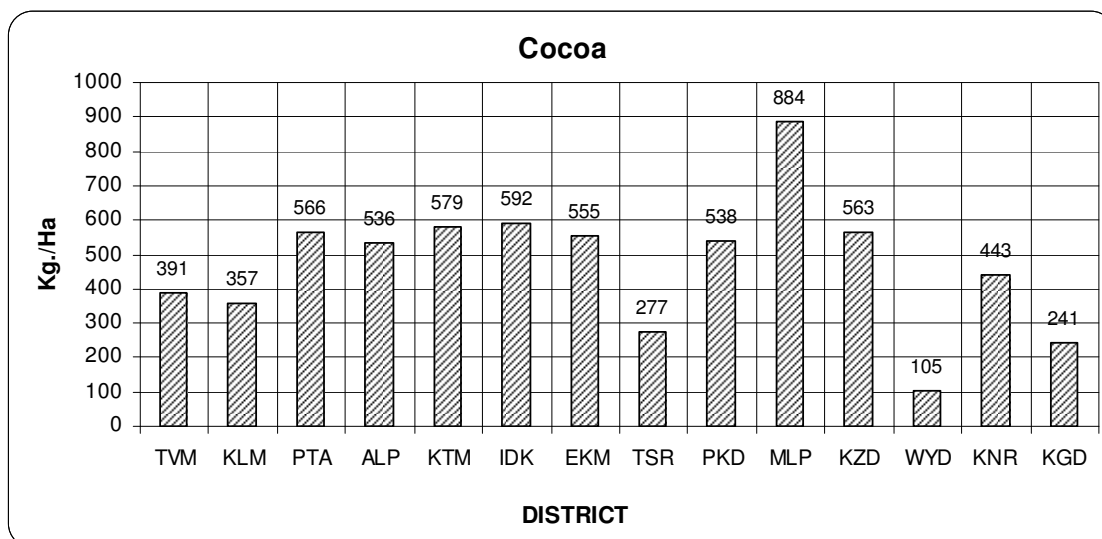
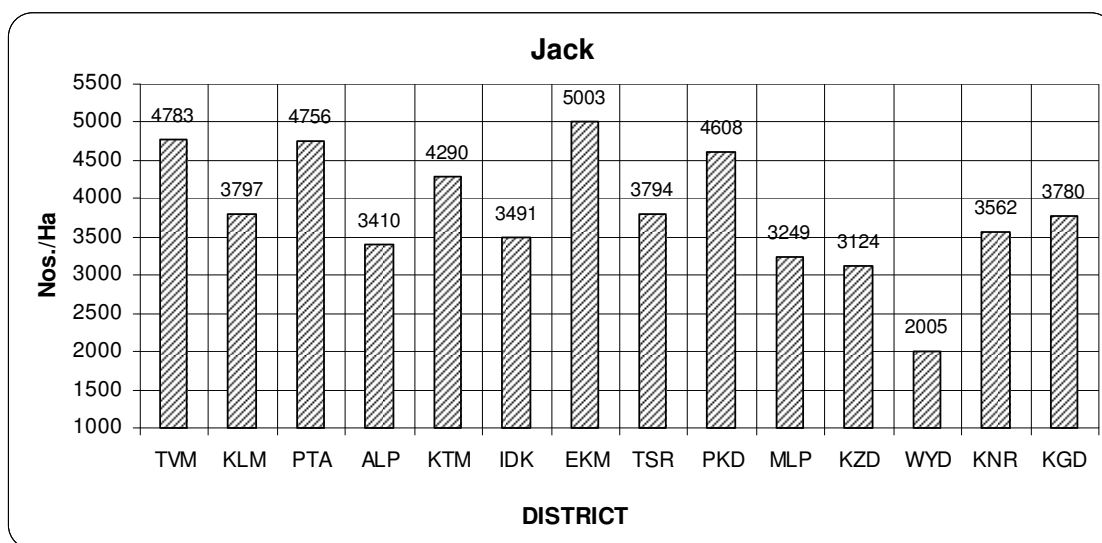
**DISTRICTWISE PRODUCTIVITY OF IMPORTANT CROPS - 2008-2009**



**DISTRICTWISE PRODUCTIVITY OF IMPORTANT CROPS - 2008-2009**



**DISTRICTWISE PRODUCTIVITY OF IMPORTANT CROPS - 2008-2009**



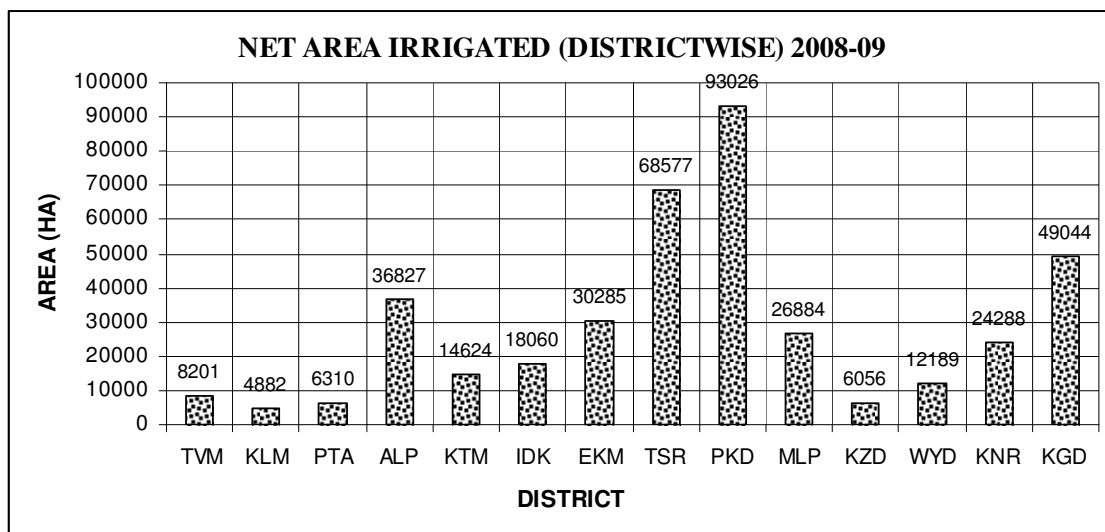
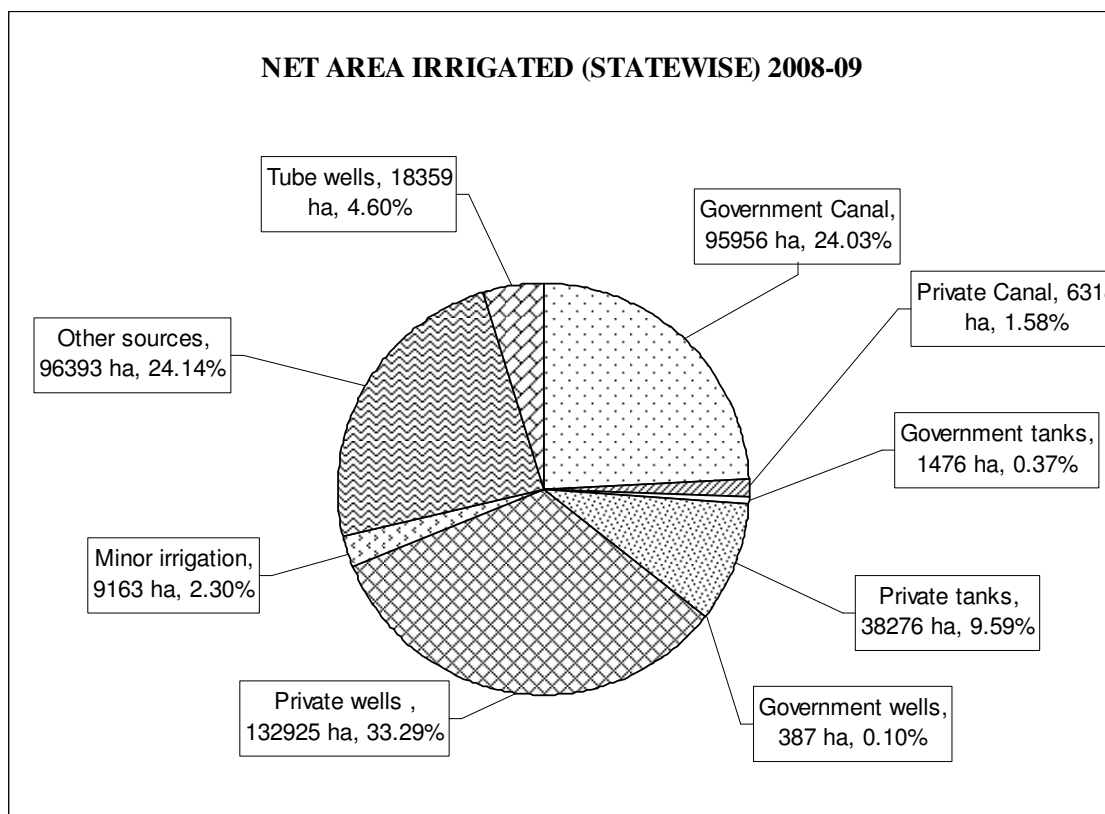


**TABLE - 9**  
**NET AREA IRRIGATED (SOURCE-WISE) - 2008-2009**

(Area in Hectares)

Sl. No.	District	Government Canal	Private Canal	Government tanks	Private tanks	Government wells	Private wells	Minor irrigation	Other sources	Tube wells	Total
1	2	3	4	5	6	7	8	9	10	11	12
1	Thiruvananthapuram	4380	272	260	123	104	2829		214	19	8201
2	Kollam	1671	305	3	304	6	2104	4	485		4882
3	Pathanamthitta	1743	4	1	54		2931	75	1502		6310
4	Alappuzha	1837	12	1	2418	19	1165	2	25620	5753	36827
5	Kottayam		3		133		1212	1409	11858	9	14624
6	Idukki	3621	496		6462	2	1847	146	5296	190	18060
7	Eranakulam	12821	163	189	1793	36	7978	3493	2714	1098	30285
8	Thrissur	16213	1	83	5435	13	35226	1005	9882	719	68577
9	Palakkad	47256	1187	475	4841	74	18547	789	13225	6632	93026
10	Malappuram	1927	806	180	4580	43	11977	1186	5873	312	26884
11	Kozhikode	1553	258	2	298	12	3046	100	693	94	6056
12	Wayanad	221	767	45	185	4	156	687	10123	1	12189
13	Kannur	1938	1374	123	1556	35	15414		3825	23	24288
14	Kasaragod	775	670	114	10094	39	28493	267	5083	3509	49044
	<b>State</b>	<b>95956</b>	<b>6318</b>	<b>1476</b>	<b>38276</b>	<b>387</b>	<b>132925</b>	<b>9163</b>	<b>96393</b>	<b>18359</b>	<b>399253</b>

**NET AREA IRRIGATED (SOURCE-WISE) - 2008-2009**



**TABLE - 10**  
**GROSS AREA UNDER IRRIGATION (CROP-WISE) - 2008-2009**

(Area in Hectares)

Sl. No.	Districts	Paddy	Tubers	Vegetables	Coconut	Arecanut	Cloves	Nutmeg	Other spices & condiments	Banana	Betel leaves	Sugar cane	Other Crops
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Thiruvananthapuram	2883	2143	896	2259	16	35	73	376	2648	21		2343
2	Kollam	1739	581	1185	856	23		7	3	701	50		4
3	Pathanamthitta	2638	2003	953	779	17	26	486	48	1017	33		5
4	Alappuzha	33043	1441	1509	9365	48	4	35	276	536	30		342
5	Kottayam	10947		1681	335	44	31	1053		960	13		17
6	Idukki	2112	14	844	710	184	2	136	2	923		2298	21
7	Eranakulam	10653	116	1597	12953	1721	4	4836	931	4678	5		2164
8	Thrissur	23215	84	968	40959	5568	7	735	1771	2694			1387
9	Palakkad	56371	981	4276	27903	3833	1	73	1034	7081	1	637	6331
10	Malappuram	7724	1846	1676	14302	4759		163	152	4549	210		427
11	Kozhikode	1171	564	806	3892	598	1	13	31	1104	12		76
12	Wayanad	10412		1068	110	158			6	5313			16
13	Kannur	3858	424	1108	14047	3651	6	133	570	2305	4	40	344
14	Kasaragod	2258	96	671	28729	13006	18	78	2169	379	20	1	1793
	<b>State</b>	<b>169024</b>	<b>10293</b>	<b>19238</b>	<b>157199</b>	<b>33626</b>	<b>135</b>	<b>7821</b>	<b>7369</b>	<b>34888</b>	<b>399</b>	<b>2976</b>	<b>15270</b>

**TABLE-11**  
**RAINFALL DISTRIBUTION OF KERALA FOR THE YEAR 2008-2009**

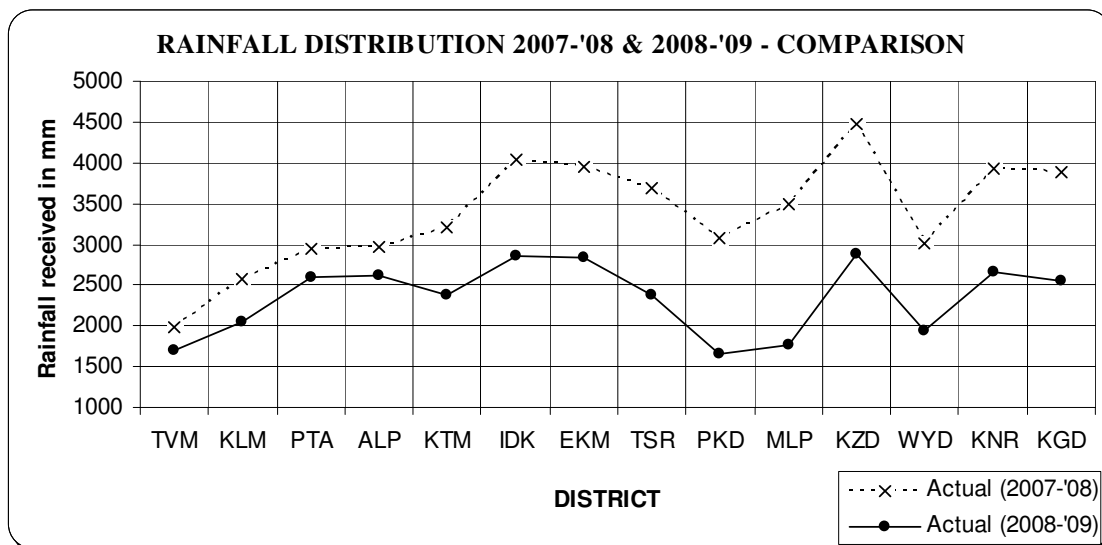
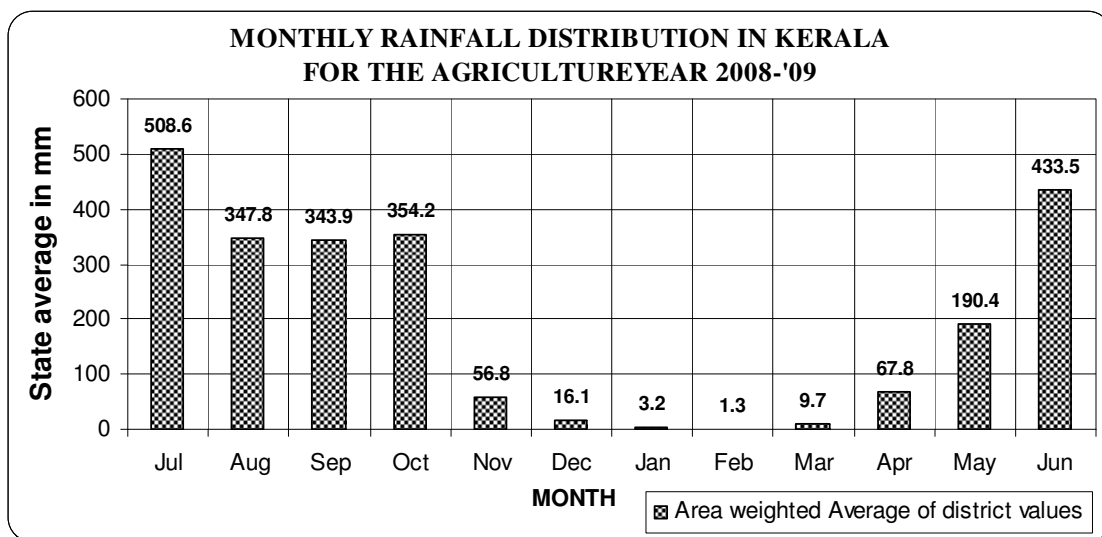
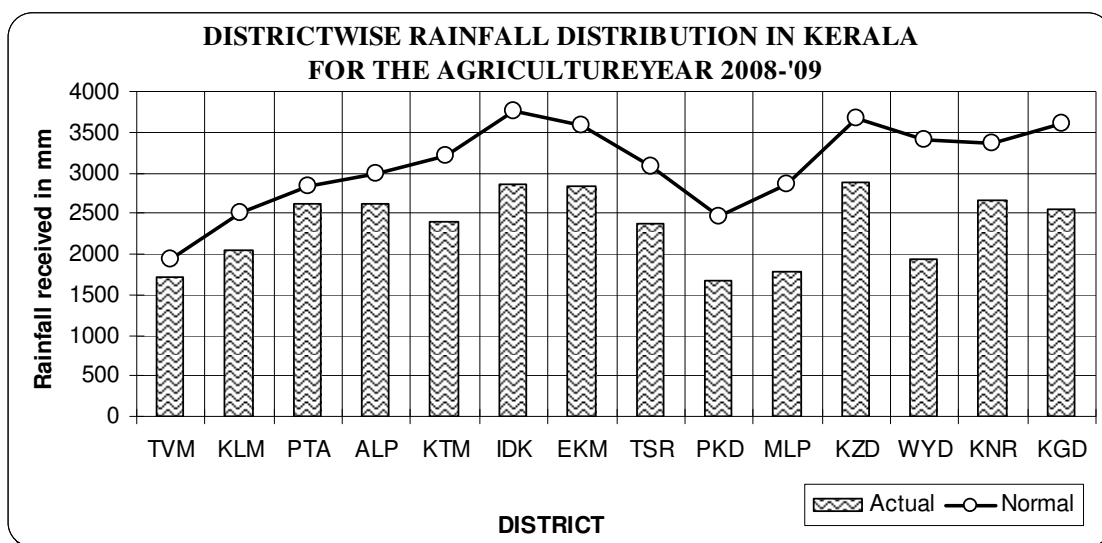
(Rainfall in mm.)

Sl. No.	Districts	2008						2009						2008-09		
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Actual	Normal	Departure %
1	2	3	4	5	6	7	8	9	10	11	12	13	14			
1	Thiruvananthapuram	286.0	180.6	202.6	363.9	195.2	38.2	5.0		3.5	44.6	206.9	183.3	1709.8	1923.2	-11.1
2	Kollam	454.8	265.1	247.0	360.8	122.7	25.6	2.2	3.0	39.7	121.9	136.4	272.3	2051.5	2494.8	-17.8
3	Pathanamthitta	644.1	346.1	368.2	345.9	142.9	40.7	5.5	12.0	49.0	115.4	156.8	378.0	2604.6	2839.5	-8.3
4	Alappuzha	660.7	189.4	332.6	313.7	122.3	41.9	1.7	4.4	2.4	131.9	256.4	559.8	2617.2	2999.2	-12.7
5	Kottayam	555.4	268.6	370.5	284.0	103.8	53.6	7.5	1.8	6.1	69.9	204.9	460.0	2386.1	3207.9	-25.6
6	Idukki	718.9	638.4	426.8	283.5	62.4	5.1	10.1	0.3	9.6	42.9	226.7	443.2	2867.9	3769.2	-23.9
7	Eranakulam	539.0	326.2	555.1	304.3	37.4	36.9	10.4		9.2	89.5	315.7	615.1	2838.8	3577.8	-20.7
8	Thrissur	437.7	260.2	345.5	384.7	9.0	5.0				53.9	289.4	586.1	2371.5	3073.6	-22.8
9	Palakkad	359.0	214.1	241.9	364.1	8.6	0.1				58.0	138.8	282.0	1666.6	2472.1	-32.6
10	Malappuram	371.0	219.0	281.8	347.8	16.6	0.2			7.0	46.4	143.3	337.9	1771.0	2850.2	-37.9
11	Kozhikode	577.8	343.1	478.6	614.0	14.0	6.1			4.1	63.1	179.1	608.4	2888.3	3671.4	-21.3
12	Wayanad	416.7	413.8	159.3	450.7	11.8	0.7			5.2	47.1	123.9	309.7	1938.9	3408.9	-43.1
13	Kannur	483.6	480.3	396.4	392.5	3.0	9.8				97.2	169.6	625.3	2657.7	3373.5	-21.2
14	Kasaragod	672.9	528.3	403.5	158.4	49.0	8.9				16.4	152.0	560.6	2550.0	3613.4	-29.4
<b>State (Average)*</b>		<b>508.6</b>	<b>347.8</b>	<b>343.9</b>	<b>354.2</b>	<b>56.8</b>	<b>16.1</b>	<b>3.2</b>	<b>1.3</b>	<b>9.7</b>	<b>67.8</b>	<b>190.4</b>	<b>433.5</b>	<b>2333.3</b>	<b>3097.1</b>	<b>-24.7</b>

\*Area weighted Average of district values

Source: - India Meteorological Department

### RAINFALL DISTRIBUTION OF KERALA FOR THE YEAR 2008-2009



**TABLE-12**  
**AVERAGE FARM WHOLESALE PRICES OF IMPORTANT CROPS IN KERALA FOR THE YEAR 2008-2009**  
(In Rupees.)

Sl. No.	Item	Unit	2008						2009					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Paddy(HYV)	Qtl.	890	897	907	940	942	918	917	937	948	951	915	891
2	Pepper	Qtl.	13359	13409	12596	11591	10564	9555	10961	10369	10139	11682	11682	11802
3	Ginger (Dry)	Qtl.	7263	7567	7350	6533	6538	6983	8867	8213	7740	8082	8595	9058
4	Ginger	Qtl.	4366	4135	3487	2938	2365	2261	2370	2333	2603	3660	4346	4830
5	Turmeric	Qtl.	2900	3293	3475	3650	4000	3875	3650	3711	3611	3885	3931	4042
6	Banana	Qtl.	1542	1498	1453	1055	1084	1189	1409	1557	1617	2021	2174	2185
7	Plantain	Qtl.	745	798	818	749	723	756	798	786	773	792	797	844
8	Cashew	Qtl.							3825	4252	4045	3953	3321	2721
9	Tapioca	Qtl.	563	566	569	571	565	559	557	550	552	544	543	533
10	Mango (Raw)	Qtl.	1250					1900	1106	1113	795	576	561	579
11	Coconut with Husk	100 nos.	565	578	576	573	579	584	580	548	520	511	484	433
12	Arecanut	100 nos.	84	60	49	45	40	36	38	40	45	47	52	51
13	Sugarcane	Tonnes						1500	1500					
14	Sesamum	Kg											43	40
15	Clove	Kg	266	276	289	281	298	300	286	303	315	316	320	350
16	Nutmeg	Kg	125	123	121	122	120	118	128	134	120	129	120	105

**TABLE-13  
COST OF CULTIVATION OF SOME CROPS IN KERALA FOR THE YEAR 2006-2007**

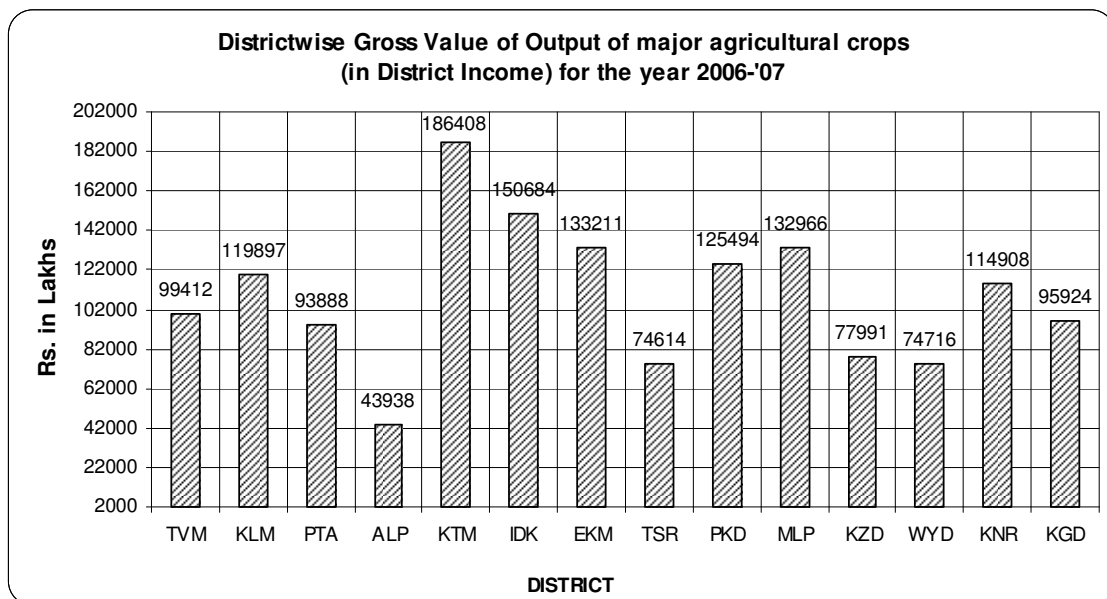
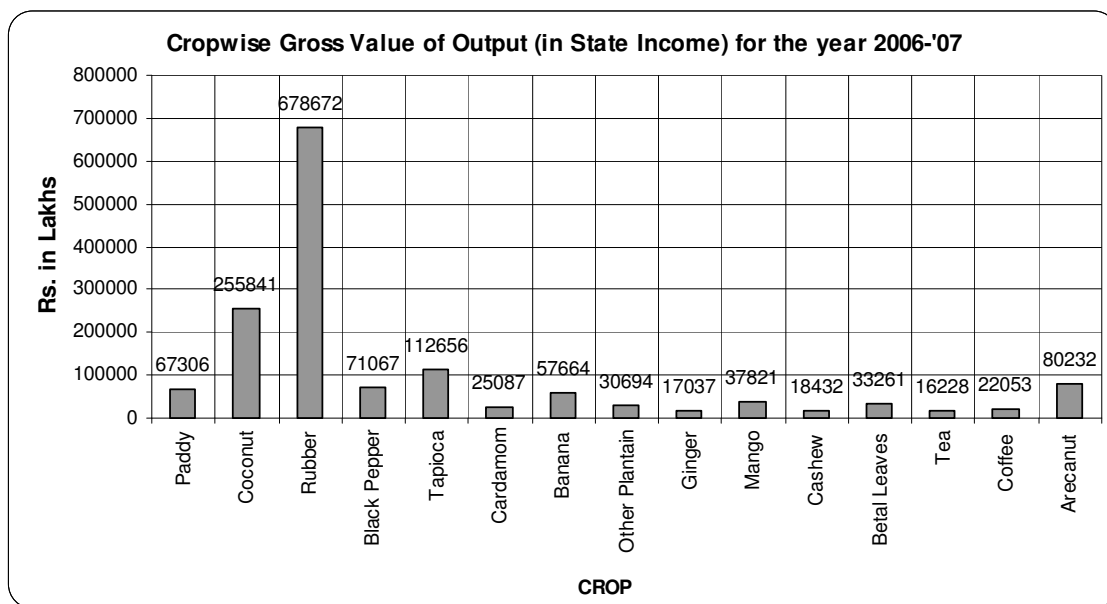
(In Rupees.)

Sl. No	Component of different crops	Cost per Hectare									
		Paddy			Coconut	Arecanut	Tapioca	Banana	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer							
1	2	3	4	5	6	7	8	9	10	11	12
1	Hired human labour	10716	12183	11443	11939	14245	17445	27330	10632	21848	14632
2	Animal labour	294	326	63	18		1	7		1	3
3	Machine labour	2281	2823	2831	110	574	600	175	53	913	292
4	Seed/Seedlings	1004	1176	1220	27		1073	9367	45	14913	6557
5	Farmyard manure & Chemical fertilizers	2948	3202	2927	5240	7066	7226	23699	3586	12153	8375
6	Plant protection	172	269	771	33	675	54	946	133	1211	104
7	Land tax & irrigation cess	85	105	140	88	76	50	87	65	54	65
8	Repair & Maintenance charges of implements, machinery & buildings	668	496	167	556	843	251	288	540	925	615
9	Interest on working capital	928	1048	1038	1830	2348	2846	7727	1487	5338	3063
10	Other expenses	1142	977	1513	934	922	2060	15745	419	2338	668
11	Interest on fixed capital	1909	1464	855	3414	6451	3544	4319	4665	3542	5499
12	Imputed value of household labour	1580	1578	1306	1631	3547	4735	9655	4231	5200	8174
<b>13</b>	<b>Total Cost</b>	<b>23727</b>	<b>25647</b>	<b>24274</b>	<b>25820</b>	<b>36747</b>	<b>39885</b>	<b>99345</b>	<b>25856</b>	<b>68436</b>	<b>48047</b>
<b>14</b>	<b>Value of output received (Rs./Ha)</b>	<b>28752</b>	<b>31530</b>	<b>29756</b>	<b>41573</b>	<b>67481</b>	<b>65298</b>	<b>150007</b>	<b>44389</b>	<b>92919</b>	<b>51132</b>

**TABLE -14**  
**DISTRICTWISE GROSS VALUE OF OUTPUT (GVO) OF MAJOR AGRICULTURE CROPS FOR THE YEAR 2006-07**  
(Rupees in Lakhs.)

District	Paddy	Coconut	Rubber	Black Pepper	Tapioca	Cardamom	Banana	Other Plantain	Ginger	Mango	Cashew	Betal Leaves	Tea	Coffee	Arecanut	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Thiruvananthapuram	1009	25810	41156	1497	17055		2120	4708	102	2743	166	2281	68		697	99412
Kollam	1289	27291	53311	3198	21908		1686	2473	627	2562	801	3174	72		1505	119897
Pathanamthitta	733	6005	63341	1602	12472	26	3314	1630	890	1294	137	1581			863	93888
Alappuzha	10819	16862	6462	160	3054		584	1086	67	1732	284	2370			458	43938
Kottayam	3799	11536	148965	1947	10093	62	3517	2154	251	1723	54	769	12	387	1139	186408
Idukki	838	618	49609	39917	12498	23152	1858	1992	1139	3706	136	44	10184	2431	2562	150684
Ernakulam	4423	19648	79139	1240	10021		8263	2297	596	2114	113	1441			3916	133211
Thrissur	6650	25992	22943	1031	2013		3516	2199	76	3284	280	1932	613		4085	74614
Palakkad	27956	15061	46363	1533	3782	849	8923	5130	4133	6363	515	17	677	860	3332	125494
Malappuram	3209	30434	47610	1182	8716	10	8461	1711	118	3288	1435	17820			8972	132966
Kozhikode	641	31461	27155	1361	2495	4	2086	1434	193	1668	369	1168			7956	77991
Wayanad	3064	2151	7556	11072	4414	981	8908	827	8453	1277	175	6	4602	18375	2855	74716
Kannur	1769	24860	52759	3393	3410		3374	1507	283	4603	9476	229			9245	114908
Kasaragod	1107	18112	32303	1934	725	3	1054	1546	109	1464	4491	429			32647	95924
<b>STATE</b>	<b>67306</b>	<b>255841</b>	<b>678672</b>	<b>71067</b>	<b>112656</b>	<b>25087</b>	<b>57664</b>	<b>30694</b>	<b>17037</b>	<b>37821</b>	<b>18432</b>	<b>33261</b>	<b>16228</b>	<b>22053</b>	<b>80232</b>	<b>1524051</b>

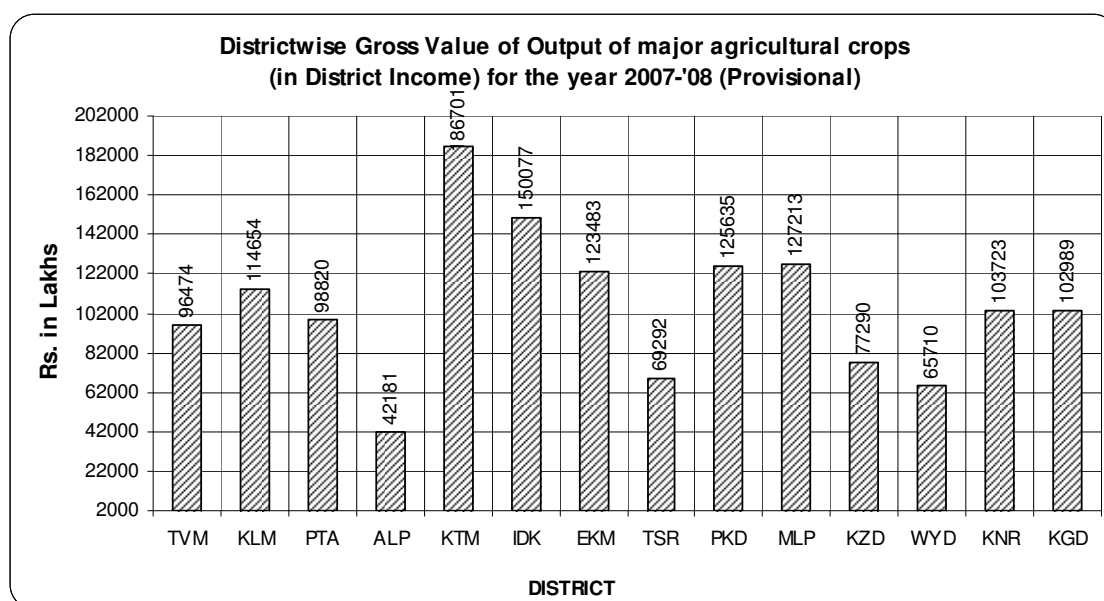
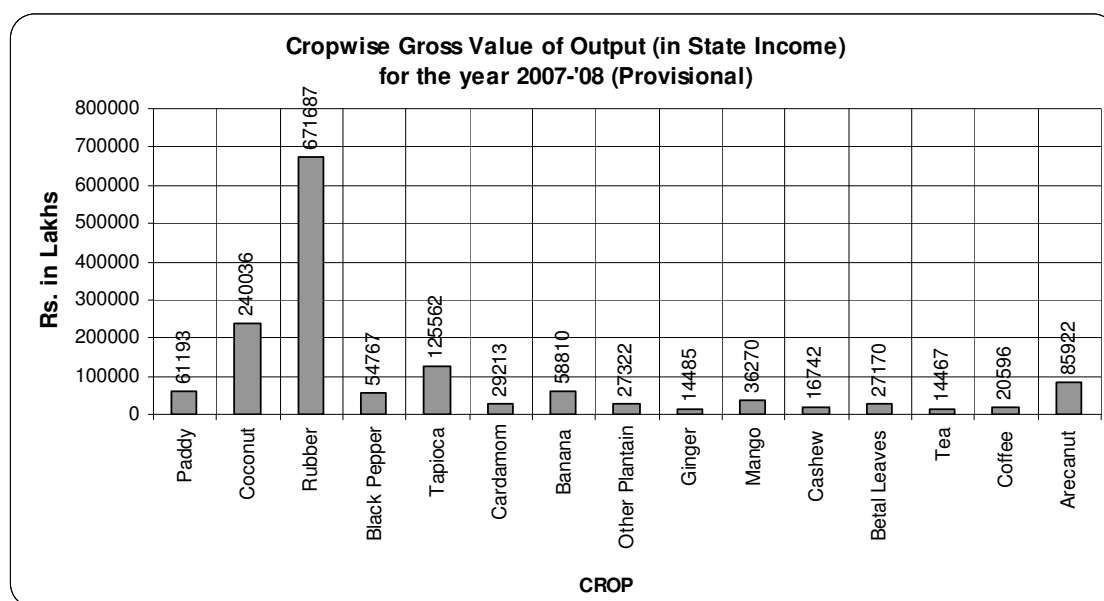




**TABLE -14.1**  
**DISTRICTWISE GROSS VALUE OF OUTPUT (GVO) OF MAJOR AGRICULTURE CROPS**  
**FOR THE YEAR 2007-08 (PROVISIONAL)**

(Rupees in Lakhs.)

District	Paddy	Coconut	Rubber	Black Pepper	Tapioca	Cardamom	Banana	Other Plantain	Ginger	Mango	Cashew	Betal Leaves	Tea	Coffee	Arecanut	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Thiruvananthapuram	687	25155	39000	1792	19015		2007	3552	108	2023	157	2464			514	96474
Kollam	878	20582	49137	2534	28244		2112	2670	489	2280	662	4034	40		992	114654
Pathanamthitta	525	6126	66029	1562	14683	25	3370	1397	1157	1065	114	2304			463	98820
Alappuzha	7977	15135	5967	269	3619		671	1149	75	2333	369	4154			463	42181
Kottayam	3859	11144	148640	2099	9973	83	4584	2154	218	1542	93	1152	22		1138	186701
Idukki	838	4107	49104	30857	11870	26897	2627	2341	1441	3310	181		10039	4102	2363	150077
Ernakulam	2563	14877	78153	1287	8961		7332	2340	466	1681	123	1145			4555	123483
Thrissur	6582	24388	22608	1012	1995		2793	1314	69	3136	438	647	492		3818	69292
Palakkad	28192	15410	44975	1265	3052	925	11565	5126	3146	6935	424	96	469	930	3125	125635
Malappuram	2318	30800	48038	1286	13386	8	6821	1215	65	2683	1645	9076			9872	127213
Kozhikode	590	31587	26201	1113	2594	5	2173	1147	143	2019	499	1316			7903	77290
Wayanad	3477	2475	7115	5363	4494	1270	9636	801	6777	996	99	27	3405	15564	4211	65710
Kannur	1581	19875	52976	2390	2962		2022	1074	166	4877	8351	189			7260	103723
Kasaragod	1126	18375	33744	1938	714		1097	1042	165	1390	3587	566			39245	102989
<b>STATE</b>	<b>61193</b>	<b>240036</b>	<b>671687</b>	<b>54767</b>	<b>125562</b>	<b>29213</b>	<b>58810</b>	<b>27322</b>	<b>14485</b>	<b>36270</b>	<b>16742</b>	<b>27170</b>	<b>14467</b>	<b>20596</b>	<b>85922</b>	<b>1484242</b>



**ANNEXURE - 1**

**CROP ESTIMATION SURVEYS : THE FINAL ESTIMATION OF YIELD AND PRODUCTION OF RICE**

Crop : Rice

Season : Autumn

Appendix - D1

Name of District	No of Experiments		Estimated Yield in Tonnes/Ha (Rice)	Area in 1000Ha	Average Yield (Kg/Ha) - Rice	Estimated Production of Rice in 1000 Tons	Bund Correction Factor (if any) applied	Sampling Error for Av. Yield	% of Sampling Error
	Planned	Analysed							
1	2	3	4	5	6	7	8	9	10
1. Thiruvananthapuram	388	388	2.489	1.350	2489	3.360	Not Applied	47.226	1.897
2. Kollam	384	384	2.263	1.318	2263	2.983		42.771	1.890
3. Pathanamthitta	102	102	2.333	0.130	2333	0.303		67.670	2.901
4. Alappuzha	288	288	2.999	8.755	2999	26.254		212.067	7.071
5. Kottayam	196	196	3.022	3.331	3022	10.065		106.985	3.540
6. Idukki	92	92	2.637	0.494	2637	1.302		38.330	1.454
7. Ernakulam	468	468	1.995	5.097	1995	10.172		19.467	0.976
8. Thrissur	410	410	1.980	4.768	1980	9.439		3.020	0.153
9. Palakkad	650	650	2.443	45.659	2443	111.561		10.877	0.445
10. Malappuram	610	610	2.190	1.744	2190	3.819		1.353	0.062
11. Kozhikode	300	300	1.343	0.216	1343	0.289		27.779	2.068
12. Wayanad	0	0	0.000	0.000	0	0.000		0.000	0.000
13. Kannur	455	455	1.757	3.723	1757	6.541		11.891	0.677
14. Kasaragod	353	353	2.390	2.796	2390	6.682		16.092	0.556
<b>Total (State)</b>	<b>4696</b>	<b>4696</b>	<b>2.428</b>	<b>79.381</b>	<b>2428</b>	<b>192.770</b>		<b>13.296</b>	<b>0.000</b>

**ANNEXURE - 2**

**INFORMATION FOR FINAL RESULT OF CROP ESTIMATION -FREQUENCY DISTRIBUTION**

Crop : Paddy (Rice)

Season : Autumn

Appendix-D2

Range	Frequency	% of freq.	Range	Frequency	% of freq.	Range	Frequency	% of freq.	Range	Frequency	% of freq.
0-99	22	0.47	2500-2599	106	2.26	5000-5099	47	1.00	7500-7599	0	0.00
100-199	13	0.28	2600-2699	65	1.38	5100-5199	26	0.55	7600-7699	1	0.02
200-299	10	0.21	2700-2799	100	2.13	5200-5299	56	1.19	7700-7799	1	0.02
300-399	9	0.19	2800-2899	111	2.36	5300-5399	44	0.94	7800-7899	1	0.02
400-499	18	0.38	2900-2999	136	2.90	5400-5499	20	0.43	7900-7999	0	0.00
500-599	16	0.34	3000-3099	123	2.62	5500-5599	21	0.45	8000-8099	1	0.02
600-699	20	0.43	3100-3199	133	2.83	5600-5699	38	0.81	8100-8199	1	0.02
700-799	22	0.47	3200-3299	214	4.56	5700-5799	27	0.57	8200-8299	0	0.00
800-899	43	0.92	3300-3399	174	3.71	5800-5899	21	0.45	8300-8399	0	0.00
900-999	34	0.72	3400-3499	134	2.85	5900-5999	17	0.36	8400-8499	1	0.02
1000-1099	26	0.55	3500-3599	135	2.87	6000-6099	18	0.38	8500-8599	0	0.00
1100-1199	28	0.60	3600-3699	206	4.39	6100-6199	11	0.23	8600-8699	0	0.00
1200-1299	51	1.09	3700-3799	157	3.34	6200-6299	7	0.15	8700-8799	0	0.00
1300-1399	32	0.68	3800-3899	130	2.77	6300-6399	9	0.19	8800-8899	0	0.00
1400-1499	24	0.51	3900-3999	170	3.62	6400-6499	8	0.17	8900-8999	0	0.00
1500-1599	32	0.68	4000-4099	246	5.24	6500-6599	13	0.28	9000-9099	0	0.00
1600-1699	62	1.32	4100-4199	138	2.94	6600-6699	7	0.15	9100-9199	0	0.00
1700-1799	40	0.85	4200-4299	90	1.92	6700-6799	4	0.09	9200-9299	0	0.00
1800-1899	49	1.04	4300-4399	125	2.66	6800-6899	7	0.15	9300-9399	1	0.02
1900-1999	59	1.26	4400-4499	155	3.30	6900-6999	4	0.09	9400-9499	0	0.00
2000-2099	78	1.66	4500-4599	103	2.19	7000-7099	0	0.00	9500-9599	0	0.00
2100-2199	61	1.30	4600-4699	70	1.49	7100-7199	4	0.09	9600-9699	1	0.02
2200-2299	49	1.04	4700-4799	62	1.32	7200-7299	2	0.04	9700-9799	0	0.00
2300-2399	68	1.45	4800-4899	121	2.58	7300-7399	5	0.11			
2400-2499	121	2.58	4900-4999	79	1.68	7400-7499	2	0.04			

Mean	
Paddy	3463.78
Rice	2275.70

Standard Deviation	
Paddy	1255.21
Rice	824.67

Coefficeint of Variation (CV)
36.24

**ANNEXURE - 3**

**FINAL RESULT OF CROP ESTIMATION SURVEY ON DRIAGE RESULTS**

Crop : Paddy

Season :Autumn

Appendix : D5

Name of District	No of Driage Experiments		Total of Plot Yield before driage (gms)	Total of Plot yield after driage (grms)	Driage rate applied for estimating yield
	Planned	Analysed			
1	2	3	4	5	6
1. Thiruvananthapuram	52	52	13500	12435	0.921
2. Kollam	42	42	10500	9576	0.912
3. Pathanamthitta	22	22	5000	4553	0.911
4. Alappuzha	41	41	11000	10182	0.926
5. Kottayam	30	30	2750	2565	0.933
6. Idukki	33	33	6250	5576	0.892
7. Ernakulam	75	75	15500	13977	0.902
8. Thrissur	89	89	11500	10384	0.903
9. Palakkad	57	57	13500	12667	0.938
10. Malappuram	45	45	11250	10454	0.929
11. Kozhikode	45	45	10500	9590	0.913
12. Wayanad	9	9	0	0	0.000
13. Kannur	36	36	8250	7222	0.875
14. Kasaragod	18	18	4500	4161	0.925
<b>Total (State)</b>	<b>594</b>	<b>594</b>	<b>124000</b>	<b>113342</b>	<b>0.914</b>

**ANNEXURE - 4**  
**DETAILS OF NON-RESPONSE**

Crop : Paddy

Season :Autumn

Appendix: D6

Name of District	No. of Experiments		Experiments not conducted due to		Sub total (4+5)	Experiment rejected due to					Sub total (7+8+9+10+11)	Total (6+12)
	Planned	Analysed	Prior harvest of the cultivator	Other Reasons		Non availability of crop	Unreliable doubtful data	Discrepancy of data	Late receipt of returns	Other Reasons		
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Thiruvananthapuram	388	388										
2. Kollam	384	384										
3. Pathanamthitta	102	102										
4. Alappuzha	288	288										
5. Kottayam	196	196										
6. Idukki	92	92										
7. Ernakulam	468	468										
8. Thrissur	410	410										
9. Palakkad	650	650										
10. Malappuram	610	610										
11. Kozhikode	300	300										
12. Wayanad	0	0										
13. Kannur	455	455										
14. Kasaragod	353	353										
<b>Total (State)</b>	<b>4696</b>	<b>4696</b>										

**ANNEXURE - 5**

**DISTRICT WISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR HIGH YIELDING VARIETIES OF PADDY**

CROP : PADDY

SEASON : AUTUMN

Appendix : E1(1)

Name of District	Irrigated				Un Irrigated				Total						
	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. Thiruvananthapuram	320	2540	1195.14	50.795	3035.646	61	2387	91.41	213.498	218.240	381	2529	1286.55	49.565	3253.886
2. Kollam	64	2486	165.67	141.945	411.823	317	2230	1133.90	45.189	2528.129	381	2262	1299.57	43.383	2939.952
3. Pathanamthitta	50	2404	87.24	119.811	209.761	49	2195	41.66	185.620	91.463	99	2337	128.90	100.868	301.224
4. Alappuzha	100	3136	8040.44	242.056	25211.107	131	1844	391.26	122.971	721.430	231	3076	8431.70	230.895	25932.537
5. Kottayam	180	3026	3309.40	107.689	10015.418	2	1924	0.34	40.940	0.654	182	3026	3309.74	107.678	10016.072
6. Idukki	92	2636	493.70	38.330	1301.624	0	0	0.00	0.000	0.000	92	2636	493.70	38.330	1301.624
7. Ernakulam	271	2018	3080.68	37.463	6217.263	151	2020	1193.61	62.884	2410.583	422	2019	4274.29	32.209	8627.846
8. Thrissur	40	1645	154.69	170.167	254.497	347	1998	4482.67	96.127	8958.216	387	1987	4637.36	93.094	9212.713
9. Palakkad	119	2591	9345.29	81.884	24209.133	425	2463	34473.42	58.146	84898.760	544	2490	43818.71	48.965	109107.893
10. Malappuram	8	2100	46.71	287.363	98.087	552	2216	1627.44	51.313	3605.644	560	2212	1674.15	50.522	3703.731
11. Kozhikode	11	1654	6.00	347.066	9.926	170	1809	112.97	118.355	204.393	181	1801	118.97	113.741	214.319
12. Wayanad	0	0	0.00	0.000	0.000	0	0	0.00	0.000	0.000	0	0	0.00	0.000	0.000
13. Kannur	12	1710	91.19	102.256	155.966	394	1879	2897.56	57.010	5444.624	406	1874	2988.75	55.359	5600.590
14. Kasaragod	6	1814	47.03	324.652	85.311	285	2475	2357.28	62.063	5833.540	291	2462	2404.31	61.179	5918.851
<b>Total (State)</b>	<b>1273</b>	<b>2732</b>	<b>26063.18</b>	<b>81.569</b>	<b>71215.562</b>	<b>2884</b>	<b>2355</b>	<b>48803.52</b>	<b>42.344</b>	<b>114915.676</b>	<b>4157</b>	<b>2486</b>	<b>74866.70</b>	<b>39.601</b>	<b>186131.238</b>



**ANNEXURE - 6**

**DISTRICT WISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR LOCAL VARIETIES OF PADDY**

CROP : PADDY

SEASON : AUTUMN

Appendix : E1(2)

Name of District	Irrigated					Un Irrigated					Total				
	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. Thiruvananthapuram	7	1672	63.72	286.006	106.522	0	0	0.00	0.000	0.000	7	1672	63.72	286.006	106.522
2. Kollam	0	0	0.00	0.000	0.000	3	2336	18.60	159.421	43.451	3	2336	18.60	159.421	43.451
3. Pathanamthitta	0	0	0.00	0.000	0.000	3	1861	1.14	68.368	2.122	3	1861	1.14	68.368	2.122
4. Alappuzha	8	2143	32.63	263.766	69.930	49	866	290.45	59.495	251.658	57	995	323.08	59.753	321.588
5. Kottayam	13	2552	18.08	227.802	46.144	1	715	3.23	0.000	2.311	14	2274	21.31	193.274	48.455
6. Idukki	0	0	0.00	0.000	0.000	0	0	0.00	0.000	0.000	0	0	0.00	0.000	0.000
7. Ernakulam	0	0	0.00	0.000	0.000	46	1876	822.87	96.856	1543.849	46	1876	822.87	96.856	1543.849
8. Thrissur	0	0	0.00	0.000	0.000	23	1734	130.31	123.182	225.937	23	1734	130.31	123.182	225.937
9. Palakkad	3	1296	27.85	212.314	36.098	103	1334	1811.98	106.430	2416.798	106	1333	1839.83	104.869	2452.896
10. Malappuram	0	0	0.00	0.000	0.000	50	1645	70.10	110.477	115.315	50	1645	70.10	110.477	115.315
11. Kozhikode	2	1280	0.79	324.800	1.011	117	773	95.81	62.036	74.101	119	778	96.60	61.586	75.112
12. Wayanad	0	0	0.00	0.000	0.000	0	0	0.00	0.000	0.000	0	0	0.00	0.000	0.000
13. Kannur	2	1750	6.40	0.000	11.202	47	1276	728.23	60.402	928.925	49	1280	734.63	59.876	940.127
14. Kasaragod	2	1489	16.16	49.464	24.058	60	1965	375.99	119.425	738.953	62	1946	392.15	114.522	763.011
<b>Total (State)</b>	<b>37</b>	<b>1781</b>	<b>165.63</b>	<b>129.326</b>	<b>294.965</b>	<b>502</b>	<b>1459</b>	<b>4348.71</b>	<b>50.461</b>	<b>6343.420</b>	<b>539</b>	<b>1471</b>	<b>4514.34</b>	<b>48.841</b>	<b>6638.385</b>

**ANNEXURE - 7**

**DISTRICT WISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR ALL VARIETIES OF PADDY**

CROP : PADDY

SEASON : AUTUMN

Appendix : E1(3)

Name of District	Irrigated				Un Irrigated				Total						
	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. Thiruvananthapuram	327	2496	1258.86	50.350	3142.168	61	2387	91.41	213.498	218.240	388	2489	1350.27	47.226	3360.408
2. Kollam	64	2486	165.67	141.945	411.823	320	2231	1152.50	44.534	2571.580	384	2263	1318.17	42.771	2983.403
3. Pathanamthitta	50	2404	87.24	119.811	209.761	52	2187	42.80	180.685	93.585	102	2333	130.04	67.670	303.346
4. Alappuzha	108	3132	8073.07	241.080	25281.037	180	1427	681.71	74.992	973.088	288	2999	8754.78	212.067	26254.125
5. Kottayam	193	3024	3327.48	107.111	10061.562	3	831	3.57	3.899	2.965	196	3021	3331.05	106.985	10064.527
6. Idukki	92	2636	493.70	38.330	1301.624	0	0	0.00	0.000	0.000	92	2636	493.70	38.330	1301.624
7. Ernakulam	271	2018	3080.68	37.463	6217.263	197	1961	2016.48	54.293	3954.432	468	1996	5097.16	19.467	10171.695
8. Thrissur	40	1645	154.69	170.167	254.497	370	1991	4612.98	93.477	9184.153	410	1980	4767.67	3.020	9438.650
9. Palakkad	122	2587	9373.14	81.643	24245.231	528	2406	36285.40	55.498	87315.558	650	2443	45658.54	10.877	111560.789
10. Malappuram	8	2100	46.71	287.363	98.087	602	2192	1697.54	49.405	3720.959	610	2190	1744.25	1.353	3819.046
11. Kozhikode	13	1611	6.79	309.005	10.937	287	1334	208.78	70.084	278.494	300	1343	215.57	27.779	289.431
12. Wayanad	0	0	0.00	0.000	0.000	0	0	0.00	0.000	0.000	0	0	0.00	0.000	0.000
13. Kannur	14	1713	97.59	95.550	167.168	441	1758	3625.79	47.148	6373.549	455	1757	3723.38	11.891	6540.717
14. Kasaragod	8	1731	63.19	241.957	109.369	345	2405	2733.27	55.990	6572.493	353	2389	2796.46	16.092	6681.862
<b>Total (State)</b>	<b>1310</b>	<b>2726</b>	<b>26228.81</b>	<b>81.058</b>	<b>71510.527</b>	<b>3386</b>	<b>2281</b>	<b>53152.23</b>	<b>39.098</b>	<b>121259.096</b>	<b>4696</b>	<b>2428</b>	<b>79381.04</b>	<b>13.296</b>	<b>192769.623</b>

**ANNEXURE - 8**

**DISTRICT WISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR ALL VARIETIES OF PADDY**

CROP : PADDY

SEASON :AUTUMN

Appendix :E 1 ( 4)

Name of District	HIGH YIELDING					LOCAL VARIETIES					Total				
	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. Thiruvananthapuram	381	2529	1286.55	49.565	3253.886	7	1672	63.72	286.006	106.522	388	2489	1350.27	47.226	3360.408
2. Kollam	381	2262	1299.57	43.383	2939.952	3	2336	18.60	159.421	43.451	384	2263	1318.17	42.771	2983.403
3. Pathanamthitta	99	2337	128.90	100.868	301.224	3	1861	1.14	68.368	2.122	102	2333	130.04	67.670	303.346
4. Alappuzha	231	3076	8431.70	230.895	25932.537	57	995	323.08	59.753	321.588	288	2999	8754.78	212.067	26254.125
5. Kottayam	182	3026	3309.74	107.678	10016.072	14	2274	21.31	193.274	48.455	196	3021	3331.05	106.985	10064.527
6. Idukki	92	2636	493.70	38.330	1301.624	0	0	0.00	0.000	0.000	92	2636	493.70	38.330	1301.624
7. Ernakulam	422	2019	4274.29	32.209	8627.846	46	1876	822.87	96.856	1543.849	468	1996	5097.16	19.467	10171.695
8. Thrissur	387	1987	4637.36	93.094	9212.713	23	1734	130.31	123.182	225.937	410	1980	4767.67	3.020	9438.650
9. Palakkad	544	2490	43818.71	48.965	109107.893	106	1333	1839.83	104.869	2452.896	650	2443	45658.54	10.877	111560.789
10. Malappuram	560	2212	1674.15	50.522	3703.731	50	1645	70.10	110.477	115.315	610	2190	1744.25	1.353	3819.046
11. Kozhikode	181	1801	118.97	113.741	214.319	119	778	96.60	61.586	75.112	300	1343	215.57	27.779	289.431
12. Wayanad	0	0	0.00	0.000	0.000	0	0	0.00	0.000	0.000	0	0	0.00	0.000	0.000
13. Kannur	406	1874	2988.75	55.359	5600.590	49	1280	734.63	59.876	940.127	455	1757	3723.38	11.891	6540.717
14. Kasaragod	291	2462	2404.31	61.179	5918.851	62	1946	392.15	114.522	763.011	353	2389	2796.46	16.092	6681.862
<b>Total (State)</b>	<b>4157</b>	<b>2486</b>	<b>74866.70</b>	<b>39.601</b>	<b>186131.238</b>	<b>539</b>	<b>1471</b>	<b>4514.34</b>	<b>48.841</b>	<b>6638.385</b>	<b>4696</b>	<b>2428</b>	<b>79381.04</b>	<b>13.296</b>	<b>192769.623</b>

**ANNEXURE - 9**  
**CROP ESTIMATION SURVEYS - AUXILIARY INFORMATION**  
**PERCENTAGE OF AREA UNDER DIFFERENT AGRICULTURAL PRACTICES - A STATEMENT**

Crop : Paddy

Season : Autumn

Appendix-E2

Name of District	Seeds Used (No. of Exp)			Chemically Mannured (%)	Other Mannured (%)	Both Chemical & Other Manured (%)	Not Mannured (%)	Treated with Pesticides (%)	Pesticides not used (%)
	Total	Improved	Local						
1	2	3	4	5	6	7	8	9	10
1. Thiruvananthapuram	388	381	7	96.13	88.40	96.13	3.87	87.11	12.89
2. Kollam	384	381	3	97.14	88.02	99.48	0.52	71.61	28.39
3. Pathanamthitta	102	99	3	99.02	88.24	100.00	0.00	90.20	9.80
4. Alappuzha	288	231	57	80.21	39.24	89.24	10.76	65.63	34.38
5. Kottayam	196	182	14	99.49	33.16	100.00	0.00	93.37	6.63
6. Idukki	92	92	0	100.00	21.74	100.00	0.00	45.65	54.35
7. Ernakulam	468	422	46	85.04	52.56	87.61	12.39	71.79	27.99
8. Thrissur	410	387	23	86.83	43.90	94.39	5.61	67.56	32.44
9. Palakkad	650	544	106	91.23	57.23	97.23	2.77	47.69	52.31
10. Malappuram	610	560	50	88.03	74.10	96.72	3.28	67.21	32.79
11. Kozhikode	300	181	119	68.67	80.00	92.67	7.33	22.33	77.67
12. Wayanad	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
13. Kannur	455	406	49	90.33	86.37	99.34	0.66	3.30	96.48
14. Kasaragod	353	291	62	97.45	98.02	99.72	0.28	58.07	41.93
<b>Total (State)</b>	<b>4696</b>	<b>4157</b>	<b>539</b>	<b>89.65</b>	<b>68.10</b>	<b>95.89</b>	<b>4.11</b>	<b>58.30</b>	<b>41.63</b>

**ANNEXURE - 10**  
NUMBER OF EXPERIMENTS INSPECTED  
SEASON : AUTUMN

CROP : PADDY

Appendix : F

Name of District	No. of Expts	Harvest stage		PreHarvest Stage		Post Harvest Stage		% of Experiments		
		DLO	TLO	DLO	TLO	DLO	TLO	Harvest	Pre harvest	Post harvest
2	3	4	5	6	7	8	9	10	11	12
1. Thiruvananthapuram	388	17	69	4	34	1	3	22.16	9.79	1.03
2. Kollam	384	26	103	0	9	1	7	33.59	2.34	2.08
3. Pathanamthitta	102	12	34	0	4			45.10	3.92	0.00
4. Alappuzha	288	18	69	2	25		1	30.21	9.38	0.35
5. Kottayam	196	8	95		11		1	52.55	5.61	0.51
6. Idukki	92	5	22		2		6	29.35	2.17	6.52
7. Ernakulam	468	12	99	1	55	2	10	23.72	11.97	2.56
8. Thrissur	410	6	77	2	37	1	4	20.24	9.51	1.22
9. Palakkad	650	13	108	2	50		3	18.62	8.00	0.46
10. Malappuram	610	17	78	4	53	4	3	15.57	9.34	1.15
11. Kozhikode	300	19	43		6			20.67	2.00	0.00
12. Wayanad	0	0	0	0	0	0	0	0.00	0.00	0.00
13. Kannur	455	12	60		25	5	4	15.82	5.49	1.98
14. Kasaragod	353	17	73		13		1	25.50	3.68	0.28
<b>Total (State)</b>	<b>4696</b>	<b>182</b>	<b>930</b>	<b>15</b>	<b>324</b>	<b>14</b>	<b>43</b>	<b>23.68</b>	<b>7.22</b>	<b>1.21</b>

**ANNEXURE - 11**

**CROP ESTIMATION SURVEYS : THE FINAL ESTIMATION OF YIELD AND PRODUCTION OF RICE**

CROP : RICE

SEASON : WINTER

Appendix - D1

Name of District	No of Experiments		Estimated Yield in Tonnes/Ha (Rice)	Area in 1000Ha	Average Yield (Kg/Ha) - Rice	Estimated Production of Rice in 1000 Tons	Bund Correction Factor (if any) applied	Sampling Error for Av. Yield	% of Sampling Error
	Planned	Analysed							
1	2	3	4	5	6	7	8	9	10
1. Thiruvananthapuram	352	352	2.360	1.529	2360	3.608	Not Applied	54.932	2.328
2. Kollam	396	396	2.157	2.423	2157	5.226		43.632	2.023
3. Pathanamthitta	217	217	2.494	0.864	2494	2.155		66.180	2.654
4. Alappuzha	291	291	3.027	7.267	3027	21.999		149.008	4.923
5. Kottayam	242	242	2.563	2.279	2563	5.842		105.161	4.103
6. Idukki	250	250	2.594	1.564	2594	4.057		38.673	1.491
7. Ernakulam	417	417	2.088	5.907	2088	12.334		36.121	1.730
8. Thrissur	512	512	2.344	14.326	2344	33.583		50.471	2.153
9. Palakkad	690	690	2.478	42.388	2478	105.045		40.672	1.641
10. Malappuram	652	652	1.898	7.748	1898	14.704		34.774	1.832
11. Kozhikode	399	399	1.241	3.144	1241	3.902		59.024	4.756
12. Wayanad	274	274	2.610	9.850	2610	25.707		80.968	3.102
13. Kannur	484	484	1.813	3.808	1813	6.904		54.932	3.030
14. Kasaragod	348	348	1.993	2.025	1993	4.035		51.608	2.589
<b>Total (State)</b>	<b>5524</b>	<b>5524</b>	<b>2.370</b>	<b>105.122</b>	<b>2370</b>	<b>249.101</b>	<b>22.484</b>	<b>0.949</b>	

**ANNEXURE - 12**

**INFORMATION FOR FINAL RESULT OF CROP ESTIMATION -FREQUENCY DISTRIBUTION**

Crop : Paddy (Rice)

Season : Winter

Appendix-D2

Range	Freq	% of freq.	Range	Freq	% of freq.	Range	Freq	% of freq.	Range	Freq	% of freq.
0-99	20	0.36	2200-2299	75	1.36	4400-4499	153	2.77	6600-6699	14	0.25
100-199	5	0.09	2300-2399	82	1.48	4500-4599	114	2.06	6700-6799	6	0.11
200-299	10	0.18	2400-2499	128	2.32	4600-4699	67	1.21	6800-6899	6	0.11
300-399	14	0.25	2500-2599	116	2.10	4700-4799	59	1.07	6900-6999	4	0.07
400-499	13	0.24	2600-2699	102	1.85	4800-4899	119	2.15	7000-7099	7	0.13
500-599	12	0.22	2700-2799	144	2.61	4900-4999	90	1.63	7100-7199	4	0.07
600-699	17	0.31	2800-2899	206	3.73	5000-5099	51	0.92	7200-7299	8	0.14
700-799	37	0.67	2900-2999	156	2.82	5100-5199	59	1.07	7300-7399	1	0.02
800-899	48	0.87	3000-3099	143	2.59	5200-5299	57	1.03	7400-7499	3	0.05
900-999	23	0.42	3100-3199	187	3.39	5300-5399	49	0.89	7500-7599	1	0.02
1000-1099	33	0.60	3200-3299	226	4.09	5400-5499	35	0.63	7600-7699	4	0.07
1100-1199	33	0.60	3300-3399	203	3.67	5500-5599	36	0.65	7700-7799	0	0.00
1200-1299	47	0.85	3400-3499	171	3.10	5600-5699	46	0.83	7800-7899	2	0.04
1300-1399	48	0.87	3500-3599	192	3.48	5700-5799	29	0.52	7900-7999	0	0.00
1400-1499	41	0.74	3600-3699	227	4.11	5800-5899	32	0.58	8000-8099	0	0.00
1500-1599	54	0.98	3700-3799	187	3.39	5900-5999	30	0.54	8100-8199	1	0.02
1600-1699	76	1.38	3800-3899	153	2.77	6000-6099	24	0.43	8200-8299	1	0.02
1700-1799	56	1.01	3900-3999	188	3.40	6100-6199	22	0.40	8300-8399	0	0.00
1800-1899	52	0.94	4000-4099	199	3.60	6200-6299	9	0.16	8400-8499	0	0.00
1900-1999	66	1.19	4100-4199	143	2.59	6300-6399	7	0.13	8500-8599	0	0.00
2000-2099	100	1.81	4200-4299	114	2.06	6400-6499	8	0.14	8600-8699	2	0.04
2100-2199	90	1.63	4300-4399	121	2.19	6500-6599	6	0.11	8700-8799	0	0.00

Mean	
Paddy	3443.40
Rice	2262.31

Standard Deviation	
Paddy	1279.50
Rice	840.63

Coefficeint of Variation (CV)
37.16

**ANNEXURE - 13**  
**FINAL RESULT OF CROP ESTIMATION SURVEY ON DRIAGE RESULTS**

Crop : Paddy

Season : Winter

Appendix : D5

Name of District	No of Driage Experiments		Total of Plot Yield before driage (gms)	Total of Plot yield after driage (grms)	Driage rate applied for estimating yield
	Planned	Analysed			
1	2	3	4	5	6
1. Thiruvananthapuram	52	52	12000	11065	0.922
2. Kollam	42	42	22500	20827	0.926
3. Pathanamthitta	22	22	7250	6625	0.914
4. Alappuzha	41	41	10500	9827	0.936
5. Kottayam	30	30	9000	8123	0.903
6. Idukki	33	33	6750	6300	0.933
7. Ernakulam	75	75	13250	12249	0.924
8. Thrissur	89	89	14251	13290	0.933
9. Palakkad	57	57	15750	14900	0.946
10. Malappuram	45	45	11250	10541	0.937
11. Kozhikode	45	45	11250	10361	0.921
12. Wayanad	9	9	2250	2090	0.929
13. Kannur	36	36	8250	7470	0.905
14. Kasaragod	18	18	4500	4165	0.926
<b>Total (State)</b>	<b>594</b>	<b>594</b>	<b>148751</b>	<b>137833</b>	<b>0.927</b>



**ANNEXURE - 14**  
**DETAILS OF NON-RESPONSE**

Crop : Paddy

Season : Winter

Appendix: D6

Name of District	No. of Experiments		Experiments not conducted due to		Sub total (4+5)	Experiment rejected due to					Sub total (7+8+9+10+11)	Total (6+12)
	Planned	Analysed	Prior harvest of the cultivator	Other Reasons		Non availability of crop	Unreliable doubtful data	Discrepancy of data	Late receipt of returns	Other Reasons		
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Thiruvananthapuram	352	352										
2. Kollam	396	396										
3. Pathanamthitta	217	217										
4. Alappuzha	291	291										
5. Kottayam	242	242										
6. Idukki	250	250										
7. Ernakulam	417	417										
8. Thrissur	512	512										
9. Palakkad	690	690										
10. Malappuram	652	652										
11. Kozhikode	399	399										
12. Wayanad	274	274										
13. Kannur	484	484										
14. Kasaragod	348	348										
<b>Total (State)</b>	<b>5524</b>	<b>5524</b>										

**ANNEXURE - 15**

**DISTRICT WISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR HIGH YIELDING VARIETIES OF PADDY**

CROP : PADDY

SEASON : WINTER

Appendix : E1(1)

Name of District	Irrigated					Un Irrigated					Total				
	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1) Thiruvananthapuram	347	2344	1508.19	55.668	3535.012	5	3483	21.00	128.983	73.152	352	2360	1529.19	54.932	3608.164
2) Kollam	151	2207	807.11	62.136	1780.907	84	2065	500.27	123.269	1033.076	235	2152	1307.38	60.798	2813.983
3) Pathanamthitta	195	2531	685.20	62.659	1734.005	0	0	0.00	0.000	0.000	195	2531	685.20	62.659	1734.005
4) Alappuzha	118	3098	6838.00	158.218	21187.090	64	2431	236.61	194.922	575.216	182	3076	7074.61	153.065	21762.306
5) Kottayam	233	2581	2227.89	107.492	5749.898	0	0	0.00	0.000	0.000	233	2581	2227.89	107.492	5749.898
6) Idukki	197	2512	1149.22	43.039	2887.227	8	2479	3.16	35.931	7.835	205	2512	1152.38	42.921	2895.062
7) Ernakulam	368	2067	5536.86	38.014	11443.692	36	2512	295.79	0.671	742.940	404	2089	5832.65	36.086	12186.632
8) Thrissur	382	2515	10542.40	56.323	26516.181	0	0	0.00	0.000	0.000	382	2515	10542.40	56.323	26516.181
9) Palakkad	505	2606	35296.89	47.559	91993.159	40	2057	1650.37	97.090	3394.943	545	2582	36947.26	45.641	95388.102
10) Malappuram	310	2235	3704.15	54.413	8280.335	94	1952	794.41	104.057	1550.346	404	2185	4498.56	48.426	9830.681
11) Kozhikode	33	1921	201.20	181.842	386.501	56	1977	337.65	196.295	667.441	89	1956	538.85	140.497	1053.942
12) Wayanad	186	2720	6564.80	103.720	17858.800	29	2592	1413.12	239.373	3663.333	215	0	7977.92	95.301	21522.133
13) Kannur	316	2100	2466.81	77.645	5179.966	0	0	0.00	0.000	0.000	316	2100	2466.81	77.645	5179.966
14) Kasaragod	240	2202	997.68	88.691	2196.951	0	0	0.00	0.000	0.000	240	2202	997.68	88.691	2196.951
<b>Total (State)</b>	<b>3581</b>	<b>2556</b>	<b>78526.40</b>	<b>28.494</b>	<b>200729.724</b>	<b>416</b>	<b>2229</b>	<b>5252.38</b>	<b>75.518</b>	<b>11708.282</b>	<b>3997</b>	<b>2536</b>	<b>83778.78</b>	<b>27.124</b>	<b>212438.006</b>

**ANNEXURE - 16**

**DISTRICT WISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR LOCAL VARIETIES OF PADDY**

CROP : PADDY

SEASON : WINTER

Appendix : E1(2)

Name of District	Irrigated					Un Irrigated					Total				
	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1) Thiruvananthapuram	0	0	0.00	0.000	0.000	0	0	0.00	0.000	0.000	0	0	0.00	0.000	0.000
2) Kollam	101	2175	647.99	90.638	1409.211	60	2143	467.89	80.306	1002.754	161	2161	1115.88	62.483	2411.965
3) Pathanamthitta	22	2350	179.00	211.087	420.565	0	0	0.00	0.000	0.000	22	2350	179.00	211.087	420.565
4) Alappuzha	7	1110	11.16	83.119	12.388	102	1237	181.72	45.727	224.783	109	1230	192.88	43.349	237.171
5) Kottayam	9	1823	50.67	158.785	92.373	0	0	0.00	0.000	0.000	9	1823	50.67	158.785	92.373
6) Idukki	45	2823	411.75	84.573	1162.211	0	0	0.00	0.000	0.000	45	2823	411.75	84.573	1162.211
7) Ernakulam	13	1970	74.74	469.401	147.223	0	0	0.00	0.000	0.000	13	1970	74.74	469.401	147.223
8) Thrissur	106	1866	3682.86	109.593	6873.622	24	1921	100.48	20.733	192.975	130	1868	3783.34	106.684	7066.597
9) Palakkad	100	1748	3559.69	75.789	6222.155	45	1826	1881.34	125.494	3434.462	145	1775	5441.03	65.889	9656.617
10) Malappuram	183	1545	2451.54	56.705	3788.555	65	1360	797.50	95.522	1084.433	248	1500	3249.04	48.789	4872.988
11) Kozhikode	33	957	285.33	94.924	273.187	277	1110	2319.52	72.096	2574.994	310	1093	2604.85	65.036	2848.181
12) Wayanad	44	2307	955.07	153.610	2203.092	15	2162	916.67	208.197	1981.698	59	2236	1871.74	128.608	4184.790
13) Kannur	161	1361	1177.50	71.325	1603.052	7	742	163.60	23.401	121.471	168	1286	1341.10	62.689	1724.523
14) Kasaragod	101	1790	1026.86	54.106	1838.278	7	0	0.00	0.000	0.000	108	1790	1026.86	54.106	1838.278
<b>Total (State)</b>	<b>925</b>	<b>1795</b>	<b>14514.16</b>	<b>37.408</b>	<b>26045.912</b>	<b>602</b>	<b>1555</b>	<b>6828.72</b>	<b>52.276</b>	<b>10617.570</b>	<b>1527</b>	<b>1718</b>	<b>21342.88</b>	<b>30.445</b>	<b>36663.482</b>

**ANNEXURE - 17**

**DISTRICT WISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR ALL VARIETIES OF PADDY**

CROP : PADDY

SEASON : WINTER

Appendix : E1(3)

Name of District	Irrigated					Un Irrigated					Total				
	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1) Thiruvananthapuram	347	2344	1508.19	55.668	3535.012	5	3483	21.00	128.983	73.152	352	2360	1529.19	54.932	3608.164
2) Kollam	252	2192	1455.10	35.035	3190.118	144	2103	968.16	74.588	2035.830	396	2157	2423.26	43.632	5225.948
3) Pathanamthitta	217	2493	864.20	49.970	2154.570	0	0	0.00	0.000	0.000	217	2493	864.20	66.180	2154.570
4) Alappuzha	125	3095	6849.16	157.960	21199.478	166	1912	418.33	112.024	799.999	291	3027	7267.49	149.008	21999.477
5) Kottayam	242	2564	2278.56	105.104	5842.271	0	0	0.00	0.000	0.000	242	2564	2278.56	105.161	5842.271
6) Idukki	242	2594	1560.97	31.780	4049.438	8	2479	3.16	35.931	7.835	250	2594	1564.13	38.673	4057.273
7) Ernakulam	381	2066	5611.60	37.523	11590.915	36	2512	295.79	0.671	742.940	417	2088	5907.39	36.121	12333.855
8) Thrissur	488	2347	14225.26	41.749	33389.803	24	1921	100.48	20.733	192.975	512	2344	14325.74	50.471	33582.778
9) Palakkad	605	2528	38856.58	43.203	98215.314	85	1934	3531.71	80.793	6829.405	690	2478	42388.29	40.672	105044.719
10) Malappuram	493	1961	6155.69	32.786	12068.890	159	1655	1591.91	70.615	2634.779	652	1898	7747.60	34.774	14703.669
11) Kozhikode	66	1356	486.53	75.474	659.688	333	1220	2657.17	67.698	3242.435	399	1241	3143.70	59.024	3902.123
12) Wayanad	230	2668	7519.87	90.552	20061.892	44	2423	2329.79	166.717	5645.031	274	2610	9849.66	80.968	25706.923
13) Kannur	477	1861	3644.31	52.652	6783.018	7	742	163.60	23.401	121.471	484	1813	3807.91	54.932	6904.489
14) Kasaragod	341	1993	2024.54	43.790	4035.229	7	0	0.00	0.000	0.000	348	1993	2024.54	51.608	4035.229
<b>Total (State)</b>	<b>4506</b>	<b>2437</b>	<b>93040.56</b>	<b>24.052</b>	<b>226775.636</b>	<b>1018</b>	<b>1848</b>	<b>12081.10</b>	<b>44.172</b>	<b>22325.852</b>	<b>5524</b>	<b>2370</b>	<b>105121.66</b>	<b>22.484</b>	<b>249101.488</b>

**ANNEXURE - 18**

**DISTRICT WISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR ALL VARIETIES OF PADDY**

CROP : PADDY

SEASON : WINTER

Appendix : E 1 ( 4)

Name of District	HIGH YIELDING					LOCAL VARIETIES					Total				
	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1) Thiruvananthapuram	352	2360	1529.19	54.932	3608.164	0	0	0.00	0.000	0.000	352	2360	1529.19	54.932	3608.164
2) Kollam	235	2152	1307.38	60.798	2813.983	161	2161	1115.88	62.483	2411.965	396	2157	2423.26	43.632	5225.948
3) Pathanamthitta	195	2531	685.20	62.659	1734.005	22	2350	179.00	211.087	420.565	217	2493	864.20	66.180	2154.570
4) Alappuzha	182	3076	7074.61	153.065	21762.306	109	1230	192.88	43.349	237.171	291	3027	7267.49	149.008	21999.477
5) Kottayam	233	2581	2227.89	107.492	5749.898	9	1823	50.67	158.785	92.373	242	2564	2278.56	105.161	5842.271
6) Idukki	205	2512	1152.38	42.921	2895.062	45	2823	411.75	84.573	1162.211	250	2594	1564.13	38.673	4057.273
7) Ernakulam	404	2089	5832.65	36.086	12186.632	13	1970	74.74	469.401	147.223	417	2088	5907.39	36.121	12333.855
8) Thrissur	382	2515	10542.40	56.323	26516.181	130	1868	3783.34	106.684	7066.597	512	2344	14325.74	50.471	33582.778
9) Palakkad	545	2582	36947.26	45.641	95388.102	145	1775	5441.03	65.889	9656.617	690	2478	42388.29	40.672	105044.719
10) Malappuram	404	2185	4498.56	48.426	9830.681	248	1500	3249.04	48.789	4872.988	652	1898	7747.60	34.774	14703.669
11) Kozhikode	89	1956	538.85	140.497	1053.942	310	1093	2604.85	65.036	2848.181	399	1241	3143.70	59.024	3902.123
12) Wayanad	215	2698	7977.92	95.301	21522.133	59	2236	1871.74	128.608	4184.790	274	2610	9849.66	80.968	25706.923
13) Kannur	316	2100	2466.81	77.645	5179.966	168	1286	1341.10	62.689	1724.523	484	1813	3807.91	54.932	6904.489
14) Kasaragod	240	2202	997.68	88.691	2196.951	108	1790	1026.86	54.106	1838.278	348	1993	2024.54	51.608	4035.229
<b>Total (State)</b>	<b>3997</b>	<b>2536</b>	<b>83778.78</b>	<b>27.124</b>	<b>212438.006</b>	<b>1527</b>	<b>1718</b>	<b>21342.88</b>	<b>30.445</b>	<b>36663.482</b>	<b>5524</b>	<b>2370</b>	<b>105121.66</b>	<b>22.484</b>	<b>249101.488</b>

**ANNEXURE - 19**  
**CROP ESTIMATION SURVEYS - AUXILIARY INFORMATION**  
**PERCENTAGE OF AREA UNDER DIFFERENT AGRICULTURAL PRACTICES - A STATEMENT**

Crop : Paddy

Season : Winter

Appendix-E2

Name of District	Seeds Used (No. of Exp)			Chemically Mannured (%)	Other Mannured (%)	Both Chemical & Other Manured (%)	Not Mannured (%)	Treated with Pesticides (%)	Pesticides not used (%)
	Total	Improved	Local						
1	2	3	4	5	6	7	8	9	10
1. Thiruvananthapuram	352	352	0	68.58	87.22	85.80	14.21	97.73	2.27
2. Kollam	396	235	161	96.72	83.59	80.30	19.70	66.92	33.08
3. Pathanamthitta	217	195	22	99.54	59.91	59.45	40.55	86.18	13.82
4. Alappuzha	292	182	110	77.40	33.90	11.99	88.01	54.04	35.62
5. Kottayam	242	233	9	99.49	10.74	8.68	91.32	91.32	8.68
6. Idukki	250	205	45	93.20	49.20	42.40	57.60	82.00	18.00
7. Ernakulam	416	404	12	98.08	58.41	57.45	42.55	92.79	7.21
8. Thrissur	512	382	130	91.21	50.20	41.80	58.20	82.81	17.19
9. Palakkad	690	545	145	93.04	42.61	35.65	64.35	62.32	37.68
10. Malappuram	652	404	248	91.72	71.17	62.58	37.42	79.29	21.01
11. Kozhikode	399	89	310	62.41	70.18	32.08	67.92	24.06	75.94
12. Wayanad	274	215	59	83.94	64.23	48.18	51.83	44.53	55.47
13. Kannur	484	316	168	89.46	89.88	79.34	20.66	38.43	61.36
14. Kasaragod	348	240	108	99.14	92.24	91.38	8.62	78.16	21.84
<b>Total (State)</b>	<b>5524</b>	<b>3997</b>	<b>1527</b>	<b>90.84</b>	<b>63.11</b>	<b>53.95</b>	<b>46.05</b>	<b>69.55</b>	<b>30.45</b>

**ANNEXURE - 20**  
**NUMBER OF EXPERIMENTS INSPECTED**

Crop : Paddy

Season : Winter

Appendix : F

Name of District	No. of Expts	Harvest stage		PreHarvest Stage		Post Harvest Stage		% of Experiments		
		DLO	TLO	DLO	TLO	DLO	TLO	Harvest	Pre harvest	Post harvest
2	3	4	5	6	7	8	9	10	11	12
1) Thiruvananthapuram	352	16	59		28		5	21.31	7.95	1.42
2) Kollam	396	19	100	2	11		1	30.05	3.28	0.25
3) Pathanamthitta	217	9	32		5			18.89	2.30	0.00
4) Alappuzha	291	13	68	6	28		3	27.84	11.68	1.03
5) Kottayam	242	0	40	1	5			16.53	2.48	0.00
6) Idukki	250		8		12	2		3.20	4.80	0.80
7) Ernakulam	417	7	105		36	0	2	26.86	8.63	0.48
8) Thrissur	512	7	56	1	24	1	6	12.30	4.88	1.37
9) Palakkad	690		41		27			5.94	3.91	0.00
10) Malappuram	652	9	112	8	35	5	3	18.56	6.60	1.23
11) Kozhikode	399	5	24		11			7.27	0.00	0.00
12) Wayanad	274	3	20		3		3	8.39	1.09	1.09
13) Kannur	484	9	74		21		14	17.15	4.34	2.89
14) Kasaragod	348	7	26		5			9.48	1.44	0.00
<b>Total (State)</b>	<b>5524</b>	<b>104</b>	<b>765</b>	<b>18</b>	<b>251</b>	<b>8</b>	<b>37</b>	<b>15.73</b>	<b>4.87</b>	<b>0.81</b>

**ANNEXURE - 21**

**CROP ESTIMATION SURVEYS : THE FINAL ESTIMATION OF YIELD AND PRODUCTION OF RICE**

CROP : RICE

SEASON : SUMMER

Appendix - D1

Name of District	No of Experiments		Estimated Yield in Tonnes/Ha (Rice)	Area in 1000Ha	Average Yield (Kg/Ha) - Rice	Estimated Production of Rice in 1000 Tonnes	Bund Correction Factor (if any) applied	Sampling Error for Av. Yield	% of Sampling Error
	Planned	Analysed							
1	2	3	4	5	6	7	8	9	10
1. Thiruvananthapuram	139	139	2.628	0.116	2628	0.306	Not Applied	142.458	5.421
2. Kollam	66	56	0.708	0.118	708	0.083		173.547	24.512
3. Pathanamthitta	142	142	2.929	1.687	2929	4.941		213.693	7.296
4. Alappuzha	218	218	3.090	18.121	3090	55.997		125.286	4.055
5. Kottayam	222	222	3.042	5.341	3042	16.247		83.263	2.737
6. Idukki	126	126	2.390	0.056	2390	0.135		48.313	2.021
7. Ernakulam	294	294	1.733	1.962	1733	3.401		54.346	3.136
8. Thrissur	408	408	3.270	8.834	3270	28.886		109.622	3.352
9. Palakkad	270	270	2.891	8.143	2891	23.537		122.239	4.228
10. Malappuram	280	280	3.117	1.521	3117	4.741		100.128	3.212
11. Kozhikode	265	265	2.096	0.679	2096	1.422		112.372	5.361
12. Wayanad	274	274	2.815	2.896	2815	8.154		93.438	3.319
13. Kannur	148	148	1.627	0.118	1627	0.192		68.445	4.207
14. Kasaragod	139	139	1.918	0.170	1918	0.326		47.891	2.497
<b>Total (State)</b>	<b>2991</b>	<b>2981</b>	<b>2.982</b>	<b>49.762</b>	<b>2982</b>	<b>148.368</b>		<b>55.125</b>	<b>1.849</b>



**ANNEXURE - 22**

**INFORMATION FOR FINAL RESULT OF CROP ESTIMATION -FREQUENCY DISTRIBUTION**

Crop : Paddy (Rice)

Season : Summer

Appendix-D2

Range	Frequency	% of freq.	Range	Frequency	% of freq.	Range	Frequency	% of freq.	Range	Frequency	% of freq.
0 - 99	29	0.97	2300 - 2399	44	1.48	4600 - 4699	50	1.68	6900 - 6999	11	0.37
100 - 199	3	0.10	2400 - 2499	60	2.01	4700 - 4799	44	1.48	7000 - 7099	14	0.47
200 - 299	5	0.17	2500 - 2599	42	1.41	4800 - 4899	73	2.45	7100 - 7199	13	0.44
300 - 399	4	0.13	2600 - 2699	45	1.51	4900 - 4999	80	2.68	7200 - 7299	10	0.34
400 - 499	9	0.30	2700 - 2799	64	2.15	5000 - 5099	43	1.44	7300 - 7399	10	0.34
500 - 599	6	0.20	2800 - 2899	65	2.18	5100 - 5199	40	1.34	7400 - 7499	4	0.13
600 - 699	7	0.23	2900 - 2999	66	2.21	5200 - 5299	51	1.71	7500 - 7599	10	0.34
700 - 799	6	0.20	3000 - 3099	58	1.95	5300 - 5399	43	1.44	7600 - 7699	2	0.07
800 - 899	10	0.34	3100 - 3199	59	1.98	5400 - 5499	32	1.07	7700 - 7799	7	0.23
900 - 999	6	0.20	3200 - 3299	84	2.82	5500 - 5599	45	1.51	7800 - 7899	3	0.10
1000 - 1099	7	0.23	3300 - 3399	79	2.65	5600 - 5699	46	1.54	7900 - 7999	1	0.03
1100 - 1199	11	0.37	3400 - 3499	71	2.38	5700 - 5799	43	1.44	8000 - 8099	2	0.07
1200 - 1299	27	0.91	3500 - 3599	63	2.11	5800 - 5899	33	1.11	8100 - 8199	3	0.10
1300 - 1399	20	0.67	3600 - 3699	96	3.22	5900 - 5999	35	1.17	8200 - 8299	2	0.07
1400 - 1499	29	0.97	3700 - 3799	78	2.62	6000 - 6099	45	1.51	8500 - 8599	3	0.10
1500 - 1599	21	0.70	3800 - 3899	66	2.21	6100 - 6199	38	1.27	8600 - 8699	2	0.07
1600 - 1699	34	1.14	3900 - 3999	83	2.78	6200 - 6299	21	0.70	8800 - 8899	2	0.07
1700 - 1799	29	0.97	4000 - 4099	111	3.72	6300 - 6399	14	0.47	8900 - 8999	2	0.07
1800 - 1899	25	0.84	4100 - 4199	70	2.35	6400 - 6499	32	1.07	9000 - 9099	1	0.03
1900 - 1999	33	1.11	4200 - 4299	56	1.88	6500 - 6599	22	0.74	9200 - 9299	2	0.07
2000 - 2099	46	1.54	4300 - 4399	72	2.42	6600 - 6699	15	0.50			
2100 - 2199	38	1.27	4400 - 4499	71	2.38	6700 - 6799	11	0.37			
2200 - 2299	31	1.04	4500 - 4599	70	2.35	6800 - 6899	12	0.40			

Mean	
Paddy	3946.984
Rice	2593.169

Standard Deviation	
Paddy	1583.474
Rice	1040.343

Coefficeint of Variation (CV)
40.120

**ANNEXURE - 23**

**FINAL RESULT OF CROP ESTIMATION SURVEY ON DRIAGE RESULTS**

Crop : Paddy

Season : Summer

Appendix : D5

Name of District	No of Driage Experiments		Total of Plot Yield before driage (gms)	Total of Plot yield after driage (grms)	Driage rate applied for estimating yield
	Planned	Analysed			
1	2	3	4	5	6
1. Thiruvananthapuram	52	52	9250	8610	0.931
2. Kollam	42	42	5000	4642	0.928
3. Pathanamthitta	22	22	6000	5602	0.934
4. Alappuzha	41	41	8750	8263	0.944
5. Kottayam	30	30	8250	7611	0.923
6. Idukki	33	33	6750	6285	0.931
7. Ernakulam	75	75	10750	9787	0.910
8. Thrissur	89	89	12000	11054	0.921
9. Palakkad	57	57	9500	9100	0.958
10. Malappuram	45	45	8250	7764	0.941
11. Kozhikode	45	45	10500	9544	0.909
12. Wayanad	9	9	2250	2095	0.931
13. Kannur	36	36	4500	3987	0.886
14. Kasaragod	18	18	4000	3706	0.927
<b>Total (State)</b>	<b>594</b>	<b>594</b>	<b>105750</b>	<b>98050</b>	<b>0.927</b>

**ANNEXURE - 24**  
**DETAILS OF NON-RESPONSE**

Crop : Paddy

Season : Summer

Appendix: D6

Name of District	No. of Experiments		Experiments not conducted due to		Sub total (4+5)	Experiment rejected due to					Sub total (7+8+9+10+11)	Total (6+12)
	Planned	Analysed	Prior harvest of the cultivator	Other Reasons		Non availability of crop	Unreliable doubtful data	Discrepancy of data	Late receipt of returns	Other Reasons		
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Thiruvananthapuram	139	139										
2. Kollam	66	56		10	10							10
3. Pathanamthitta	142	142										
4. Alappuzha	218	218										
5. Kottayam	222	222										
6. Idukki	126	126										
7. Ernakulam	294	294										
8. Thrissur	408	408										
9. Palakkad	270	270										
10. Malappuram	280	280										
11. Kozhikode	265	265										
12. Wayanad	274	274										
13. Kannur	148	148										
14. Kasaragod	139	139										
<b>Total (State)</b>	<b>2991</b>	<b>2981</b>		<b>10</b>	<b>10</b>							<b>10</b>

**ANNEXURE - 25**

**DISTRICT WISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR HIGH YIELDING VARIETIES OF PADDY**

**CROP : PADDY**

**SEASON : SUMMER**

**Appendix : E1(1)**

Name of District	Irrigated					Un Irrigated					Total				
	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1) Thiruvananthapuram	139	2628	116.39	142.458	305.895	0			0.000		139	2628	116.39	142.458	305.895
2) Kollam	51	591	89.93	75.403	53.135	0			0.000		51	591	89.93	75.403	53.135
3) Pathanamthitta	142	2929	1686.96	213.693	4941.226	0			0.000		142	2929	1686.96	213.693	4941.226
4) Alappuzha	218	3090	18120.59	125.286	55997.453	0			0.000		218	3090	18120.59	125.286	55997.453
5) Kottayam	221	3042	5340.11	83.284	16247.108	0			0.000		221	3042	5340.11	83.284	16247.108
6) Idukki	105	2405	48.77	53.065	117.293	0			0.000		105	2405	48.77	53.065	117.293
7) Ernakulam	287	1733	1958.23	54.460	3394.443	0			0.000		287	1733	1958.23	54.460	3394.443
8) Thrissur	395	3273	8819.81	109.794	28866.516	0			0.000		395	3273	8819.81	109.794	28866.516
9) Palakkad	265	2892	8138.54	122.303	23534.902	1	416	2.00	0.000	0.833	266	2891	8140.54	122.273	23535.735
10) Malappuram	257	3133	1504.48	101.228	4713.575	0			0.000		257	3133	1504.48	101.228	4713.575
11) Kozhikode	230	2150	645.22	118.080	1386.960	0			0.000		230	2150	645.22	118.080	1386.960
12) Wayanad	255	2834	2780.39	97.014	7880.993	1	1267	4.05	0.000	5.133	256	2832	2784.44	96.872	7886.126
13) Kannur	67	1923	67.15	74.438	129.148	0			0.000		67	1923	67.15	74.438	129.148
14) Kasaragod	85	2139	98.20	52.342	210.067	0			0.000		85	2139	98.20	52.342	210.067
<b>Total (State)</b>	<b>2717</b>	<b>2991</b>	<b>49414.77</b>	<b>55.509</b>	<b>147778.714</b>	<b>2</b>	<b>986</b>	<b>6.05</b>	<b>0.000</b>	<b>5.966</b>	<b>2719</b>	<b>2990</b>	<b>49420.82</b>	<b>55.502</b>	<b>147784.680</b>

**ANNEXURE - 26**

**DISTRICT WISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR LOCAL VARIETIES OF PADDY**

**CROP : PADDY**

**SEASON : SUMMER**

**Appendix : E1(2)**

Name of District	Irrigated					Un Irrigated					Total				
	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1) Thiruvananthapuram	0		0.00	0.000		0			0.000		0	0.00	0.000	0.000	
2) Kollam	5	1089	27.77	693.847	30.250	0			0.000		5	1089	27.77	693.847	30.250
3) Pathanamthitta	0		0.00	0.000		0			0.000		0	0.00	0.000	0.000	
4) Alappuzha	0		0.00	0.000		0			0.000		0	0.00	0.000	0.000	
5) Kottayam	1	155	1.30	0.000	0.201	0			0.000		1	155	1.30	0.000	0.201
6) Idukki	21	2295	7.67	111.992	17.605	0			0.000		21	2295	7.67	111.992	17.605
7) Ernakulam	7	1703	4.10	61.042	6.983	0			0.000		7	1703	4.10	61.042	6.983
8) Thrissur	13	1427	13.91	166.753	19.856	0			0.000		13	1427	13.91	166.753	19.856
9) Palakkad	3	633	1.90	174.218	1.203	1	163	0.38	0.000	0.062	4	555	2.28	145.182	1.265
10) Malappuram	23	1666	16.57	67.399	27.608	0			0.000		23	1666	16.57	67.399	27.608
11) Kozhikode	35	1060	33.47	103.148	35.480	0			0.000		35	1060	33.47	103.148	35.480
12) Wayanad	18	2391	111.94	196.575	267.630	0			0.000		18	2391	111.94	196.575	267.630
13) Kannur	78	1235	50.12	126.182	61.900	3	1076	0.51	144.375	0.549	81	1233	50.63	124.919	62.449
14) Kasaragod	54	1616	71.87	87.912	116.149	0			0.000		54	1616	71.87	87.912	116.149
<b>Total (State)</b>	<b>258</b>	<b>1717</b>	<b>340.62</b>	<b>90.718</b>	<b>584.865</b>	<b>4</b>	<b>687</b>	<b>0.89</b>	<b>82.731</b>	<b>0.611</b>	<b>262</b>	<b>1714</b>	<b>341.51</b>	<b>90.482</b>	<b>585.476</b>

**ANNEXURE - 27**

**DISTRICT WISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR ALL VARIETIES OF PADDY**

**CROP : PADDY**

**SEASON : SUMMER**

**Appendix : E1(3)**

Name of District	Irrigated					Un Irrigated					Total				
	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1) Thiruvananthapuram	139	2628	116.39	142.458	305.895	0		0.00	0.000	0.000	139	2628	116.39	142.458	305.895
2) Kollam	56	708	117.70	173.547	83.385	0		0.00	0.000	0.000	56	708	117.70	173.547	83.385
3) Pathanamthitta	142	2929	1686.96	213.693	4941.226	0		0.00	0.000	0.000	142	2929	1686.96	213.693	4941.226
4) Alappuzha	218	3090	18120.59	125.286	55997.453	0		0.00	0.000	0.000	218	3090	18120.59	125.286	55997.453
5) Kottayam	222	3042	5341.41	83.263	16247.309	0		0.00	0.000	0.000	222	3042	5341.41	83.263	16247.309
6) Idukki	126	2390	56.44	48.313	134.898	0		0.00	0.000	0.000	126	2390	56.44	48.313	134.898
7) Ernakulam	294	1733	1962.33	54.346	3401.426	0		0.00	0.000	0.000	294	1733	1962.33	54.346	3401.426
8) Thrissur	408	3270	8833.72	109.622	28886.372	0		0.00	0.000	0.000	408	3270	8833.72	109.622	28886.372
9) Palakkad	268	2891	8140.44	122.275	23536.105	2	376	2.38	0.000	0.895	270	2891	8142.82	122.239	23537.000
10) Malappuram	280	3117	1521.05	100.128	4741.183	0		0.00	0.000	0.000	280	3117	1521.05	100.128	4741.183
11) Kozhikode	265	2096	678.69	112.372	1422.440	0		0.00	0.000	0.000	265	2096	678.69	112.372	1422.440
12) Wayanad	273	2817	2892.33	93.569	8148.623	1	1267	4.05	0.000	5.133	274	2815	2896.38	93.438	8153.756
13) Kannur	145	1629	117.27	68.739	191.048	3	1076	0.51	144.375	0.549	148	1627	117.78	68.445	191.597
14) Kasaragod	139	1918	170.07	47.891	326.216	0		0.00	0.000	0.000	139	1918	170.07	47.891	326.216
<b>Total (State)</b>	<b>2975</b>	<b>2982</b>	<b>49755.39</b>	<b>55.132</b>	<b>148363.579</b>	<b>6</b>	<b>948</b>	<b>6.94</b>	<b>10.610</b>	<b>6.577</b>	<b>2981</b>	<b>2982</b>	<b>49762.33</b>	<b>55.125</b>	<b>148370.156</b>

**ANNEXURE - 28**

**DISTRICT WISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR ALL VARITIES OF PADDY**

**CROP : PADDY**

**SEASON :SUMMER**

**Appendix :E 1( 4)**

Name of District	HIGH YIELDING					LOCAL VARITIES					Total				
	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes	No of Experiments	Mean yield (Kg/Ha) (Rice)	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1) Thiruvananthapuram	139	2628	116.39	142.458	305.895	0		0.00	0.000	0.000	139	2628	116.39	142.458	305.895
2) Kollam	51	591	89.93	75.403	53.135	5	1089	27.77	693.847	30.250	56	708	117.70	173.547	83.385
3) Pathanamthitta	142	2929	1686.96	213.693	4941.226	0		0.00	0.000	0.000	142	2929	1686.96	213.693	4941.226
4) Alappuzha	218	3090	18120.59	125.286	55997.453	0		0.00	0.000	0.000	218	3090	18120.59	125.286	55997.453
5) Kottayam	221	3042	5340.11	83.284	16247.108	1	155	1.30	0.000	0.201	222	3042	5341.41	83.263	16247.309
6) Idukki	105	2405	48.77	53.065	117.293	21	2295	7.67	111.992	17.605	126	2390	56.44	48.313	134.898
7) Ernakulam	287	1733	1958.23	54.460	3394.443	7	1703	4.10	61.042	6.983	294	1733	1962.33	54.346	3401.426
8) Thrissur	395	3273	8819.81	109.794	28866.516	13	1427	13.91	166.753	19.856	408	3270	8833.72	109.622	28886.372
9) Palakkad	266	2891	8140.54	122.273	23535.735	4	555	2.28	145.182	1.265	270	2891	8142.82	122.239	23537.000
10) Malappuram	257	3133	1504.48	101.228	4713.575	23	1666	16.57	67.399	27.608	280	3117	1521.05	100.128	4741.183
11) Kozhikode	230	2150	645.22	118.080	1386.960	35	1060	33.47	103.148	35.480	265	2096	678.69	112.372	1422.440
12) Wayanad	256	2832	2784.44	96.872	7886.126	18	2391	111.94	196.575	267.630	274	2815	2896.38	93.438	8153.756
13) Kannur	67	1923	67.15	74.438	129.148	81	1233	50.63	124.919	62.449	148	1627	117.78	68.445	191.597
14) Kasaragod	85	2139	98.20	52.342	210.067	54	1616	71.87	87.912	116.149	139	1918	170.07	47.891	326.216
<b>Total (State)</b>	<b>2719</b>	<b>2990</b>	<b>49420.82</b>	<b>55.502</b>	<b>147784.680</b>	<b>262</b>	<b>1714</b>	<b>341.51</b>	<b>90.482</b>	<b>585.476</b>	<b>2981</b>	<b>2982</b>	<b>49762.33</b>	<b>55.125</b>	<b>148370.156</b>

**ANNEXURE - 29**  
**CROP ESTIMATION SURVEYS - AUXILIARY INFORMATION**  
**PERCENTAGE OF AREA UNDER DIFFERENT AGRICULTURAL PRACTICES - A STATEMENT**

**CROP : PADDY**

**SEASON : SUMMER**

**Appendix-E2**

Name of District	Seeds Used (No. of Exp)			Chemically Mannured (%)	Other Mannured (%)	Both Chemical & Other Manured (%)	Not Mannured (%)	Treated with Pesticides (%)	Pesticides not used (%)
	Total	Improved	Local						
1	2	3	4	5	6	7	8	9	10
1. Thiruvananthapuram	139	139	0	95.68	74.10	69.78	0.00	87.77	12.23
2. Kollam	56	51	5	98.21	87.50	87.50	1.79	80.36	19.64
3. Pathanamthitta	142	142	0	100.00	54.23	54.23	0.00	100.00	0.00
4. Alappuzha	218	218	0	99.54	23.85	23.39	0.00	93.58	6.42
5. Kottayam	222	221	1	100.00	32.43	32.43	0.00	92.79	7.21
6. Idukki	126	105	21	85.71	62.70	49.21	0.79	91.27	8.73
7. Ernakulam	294	287	7	98.98	68.37	67.35	1.02	96.26	3.74
8. Thrissur	408	395	13	98.53	50.74	49.26	1.23	96.32	3.68
9. Palakkad	270	266	4	98.15	42.59	41.85	1.11	90.74	9.26
10. Malappuram	280	257	23	98.21	55.36	53.93	0.36	97.50	2.50
11. Kozhikode	265	230	35	89.43	72.08	64.15	2.64	54.72	45.28
12. Wayanad	274	256	18	89.42	65.33	56.57	1.82	34.67	65.33
13. Kannur	148	67	81	93.92	88.51	82.43	0.00	39.19	60.81
14. Kasaragod	139	85	54	97.84	94.96	93.53	0.72	71.94	28.06
<b>Total (State)</b>	<b>2981</b>	<b>2719</b>	<b>262</b>	<b>96.18</b>	<b>58.47</b>	<b>55.28</b>	<b>0.91</b>	<b>81.38</b>	<b>18.62</b>



**ANNEXURE - 30**  
**NUMBER OF EXPERIMENTS INSPECTED**

Crop : Paddy

Season : Summer

Appendix: F

Name of District	No. of Expts	Harvest stage		PreHarvest Stage		Post Harvest Stage		% of Experiments		
		DLO	TLO	DLO	TLO	DLO	TLO	Harvest	Pre harvest	Post harvest
2	3	4	5	6	7	8	9	10	11	12
1) Thiruvananthapuram	139	2	32	2	7		5	24.46	6.47	3.60
2) Kollam	56	14	10		3		5	42.86	5.36	8.93
3) Pathanamthitta	142	17	48					45.77		
4) Alappuzha	218	8	54	2	21	1	5	10.55	10.55	2.75
5) Kottayam	222	1	26					12.16	0.00	
6) Idukki	126		7		1			5.56	0.76	
7) Ernakulam	294	12	65	3	44		4	26.19	15.99	1.36
8) Thrissur	408	21	107	7	47		7	31.37	13.24	1.72
9) Palakkad	270	14	61		53		1	27.78	19.63	0.37
10) Malappuram	280	10	31		30		1	14.64	10.71	0.36
11) Kozhikode	265	30	9	8	4			14.72		
12) Wayanad	274		39		4	2	5	14.23	1.46	2.55
13) Kannur	148	8	31		14		3	26.35	9.46	2.03
14) Kasaragod	139	10	31		30		1	29.50	21.58	0.72
<b>Total (State)</b>	<b>2981</b>	<b>147</b>	<b>551</b>	<b>22</b>	<b>258</b>	<b>3</b>	<b>37</b>	<b>23.41</b>	<b>9.39</b>	<b>1.34</b>